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

April 1, 2019

William Stone
Real Estate Specialist
Crown Castle
3 Corporation Drive, Suite 101
Clifton Park, NY 12065

RE: **EM-VER-097-190321** – Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 21 Berkshire Road, Newtown, Connecticut.

Dear Mr. Stone:

The Connecticut Siting Council (Council) is in receipt of your correspondence of March 29, 2019 submitted in response to the Council's March 22, 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: Stone, William <William.Stone@crowncastle.com>
Sent: Friday, March 29, 2019 10:34 AM
To: Robidoux, Evan
Cc: CSC-DL Siting Council
Subject: RE: Council Incomplete Letter for EM-VER-097-190321-BerkshireRd-Newtown
Attachments: 806354_MDD_2018_CT_building_code.pdf

Evan – apologies, please disregard the attachment on the prior email. That was for a different site all together. This attachment is correct. Originals being overnighted.

Thank you!

WILL STONE
Real Estate Specialist
T: (518) 373-3543 | M: (518) 210-0495 I F: (724) 416-6581

CROWN CASTLE
3 Corporate Park Drive, Suite 101, Clifton Park, NY 12065
Crowncastle.com

From: Stone, William
Sent: Friday, March 29, 2019 10:24 AM
To: 'Robidoux, Evan' <Evan.Robidoux@ct.gov>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: RE: Council Incomplete Letter for EM-VER-097-190321-BerkshireRd-Newtown

Evan – updated mount analysis attached. Originals are being overnighted.

Thank you!

WILL STONE
Real Estate Specialist
T: (518) 373-3543 | M: (518) 210-0495 I F: (724) 416-6581

CROWN CASTLE
3 Corporate Park Drive, Suite 101, Clifton Park, NY 12065
Crowncastle.com

From: Robidoux, Evan <Evan.Robidoux@ct.gov>
Sent: Tuesday, March 26, 2019 3:20 PM
To: Stone, William <William.Stone@crowncastle.com>
Cc: CSC-DL Siting Council <Siting.Council@ct.gov>
Subject: Council Incomplete Letter for EM-VER-097-190321-BerkshireRd-Newtown

Date: **March 27, 2019**

Charles McGuirt
Crown Castle
3530 Toringdon Way, Suite 300
Charlotte, NC28277
704-405-6607

Subject:	**Mount Modification Analysis Report**	
Carrier Designation:	**Verizon Wireless**	
	Carrier Site Number:	**1905**
	Carrier Site Name:	**Newton CT**
Crown Castle Designation:	**Crown Castle BU Number:**	**806354**
	Crown Castle Site Name:	**BRG 123 943084**
	Crown Castle JDE Job Number:	**535166**
	Crown Castle Order Number:	**461593 Rev 0**
Engineering Firm Designation:	**EOR Report Designation:**	**18-29816**
Site Data:	**21 Berkshire Road, Newton, Newton County, CT, 06482**	
	Latitude 41° 24' 45.53" Longitude -73° 16' 12.34"	
Structure Information:	**Tower Height & Type:**	**185 ft Monopole**
	Mount Elevation:	**185 ft**
	Mount Type:	**10.83 ft Low Profile Platform**

Dear Charles McGuirt,

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

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

10.83 ft Low Profile Platform (Typical) **Sufficient**

This analysis has been performed in accordance with the 2018 Connecticut State Building Code based upon an ultimate 3-second gust wind speed of 120 mph as required for use in the TIA-222-H Standard per Exception #5 of Section 1609.1.1. Exposure Category C with a maximum topographic factor, Kzt, of 1.000 and Risk Category II were used in this analysis.

Mount structural analysis prepared by: Uma Toluganti

Respectfully submitted by:

Mark E. Patterson, P.E.
Connecticut PE #: 31284

STATE OF CONNECTICUT
MARK E. PATTERSON
No. 31284
LICENSED
PROFESSIONAL ENGINEER

3/27/2019

Commissioned by:
Power of Design Group, LLC
1033 E Turkeyfoot Lake Rd. Suite 206
Akron, OH 44312
(330) 961.7432
mhoudeshell@podgrp.com

TABLE OF CONTENTS

1) INTRODUCTION

This mount is an existing 10.83 ft Low Profile Platform. This mount is installed at the185 ft elevation on 185 ft monopole.

2) ANALYSIS CRITERIA

Building Code:	2015 IBC, 2018 CBC
TIA-222 Revision:	TIA-222-H
Risk Category:	II
Nominal Wind Speed[1]:	93 mph
Exposure Category:	C
Topographic Factor at Base:	1.000
Topographic Factor at Mount:	1.000
Ice Thickness:	1 in
Wind Speed with Ice:	50 mph
Seismic S_s:	0.204
Seismic S_1:	0.065
Live Loading Wind Speed:	30 mph
Man Live Load at Mid/End-Points:	250 lb
Man Live Load at Mount Pipes:	500 lb

Notes:

1) From 2016 CSBC, Appendix N. Equivalent to 120 mph ultimate wind speed considering Risk Category II based on conversion from section 1609.3.1 of 2012 IBC.

Table 1 - Proposed Equipment Configuration

Mount Centerline (ft)	Antenna Centerline (ft)	Number of Antennas	Antenna Manufacturer	Antenna Model	Mount / Modification Details	Note
185	188	6	Decibel	DB846F65ZAXY	10.83 ft Low Profile Platform	
		6	Quintel Technology	QS8658-5		
		6	Commscope	CBC78T-DS-43		
		2	Raycap	RRFDC-3315-PF-48		
		3	Samsung	RFV01U-D1A		
		3	Samsung	RFV01U-D2A		

3) ANALYSIS PROCEDURE

Table 2 - Documents Provided

Document	Remarks	Reference	Source
Crown Application	-	Crown Castle App ID: 461593 Rev 0 Dated: 9/26/2018	Crown
Tower Drawings	-	Engineer Endeavors, Inc Drawings No: K10498 Dated:1/20/1998	Crown
Mount Modification Drawings	-	Power of Design Group Project #:18-29816	POD

3.1) Analysis Method

RISA3D (version 17.0), a commercially available analysis software package, was used to create a three-dimensional model of the mount and calculate member stresses for various loading cases. Selected output from the analysis is included in the Appendices.

This analysis was performed in accordance with Crown Castle's ENG-SOW-10208 Tower Mount Analysis (Revision B). In addition, this analysis is in accordance with Verizon's NSTD-445 Antenna Mounting System Classification Standard.

3.2) Assumptions

1) The antenna mounting system was properly fabricated, installed and maintained in good condition in accordance with its original design and manufacturer's specifications.
2) The configuration of antennas, mounts, and other appurtenances are as specified in Table 1 and the referenced drawings.
3) All member connections are assumed to have been designed to meet or exceed the load carrying capacity of the connected member unless otherwise specified in this report.
4) The weight of the mount was increased 10% in the analysis to account for connections, coax, and jumpers.
5) Member sizes have been assumed from photos of the site and past experience with similar mounting systems. If the sizes assumed in this report differ from the actual member sizes, EOR shall be contacted immediately and the results of the analysis shall be considered null and void.
6) Steel grades have been assumed as follows, unless noted otherwise:
    a. Channel, Solid Round, Angle, Plate — ASTM A36 (GR 36)
    b. HSS (Rectangular) — ASTM 500 (GR B-46)
    c. Pipe — ASTM A53 (GR 35)
    d. Connection Bolts — ASTM A325

If any of these assumptions are not valid or have been made in error, this analysis may be affected, and EOR should be allowed to review any new information to determine its effect on the structural integrity of the mount.

4) ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity (10.83 ft Platform, All Sectors)

Notes	Component	Critical Member	Centerline (ft)	% Capacity	Pass / Fail
	Face	FACE3	185	99.7	Pass
	Corner	CORNER3	185	49.2	Pass
	Support	SUPPORT1	185	38.0	Pass
	Rail	Rail6	183	26.8	Pass
	Ladder	LADDER2	185	25.0	Pass
	Mount Pipe	MP GAMMA3	185	50.6	Pass
	Standoff	Standoff6	185	11.6	Pass

Structure Rating (max from all components) =	99.7 %

4.1) Recommendations

The mounting system was found to be adequate to support the proposed loading once the modifications outlined in this report have been properly installed.

Table 4 – Verizon Mount Classification

Notes	Classification	% Capacity
1,2,3	M800R-4	100.2

Notes:

1) Classification is based upon analysis design criteria as specified above.
2) Classification is based upon equal distribution of loads across the face.
3) This analysis is certifying the mount for the specified loads in the loading tables and the rating the mount at the specified load classification. Any variation from the loading scenarios/classifications specified shall be verified adequate through a new structural analysis and is beyond the scope of this report.

5) DISCLAIMER OF WARRANTIES

EOR has not performed a site visit to the structure to verify the member sizes or antenna/coax loading unless noted otherwise. If the existing conditions are not as represented in this report, we should be contacted immediately to evaluate the significance of the discrepancy. This is not a condition assessment of the structure or foundation. This report does not replace a full structure inspection. The structure, foundations, and mounting systems are assumed to have been properly fabricated, erected, maintained, in good condition, twist free, and plumb.

The engineering services rendered by EOR in connection with this Structural Analysis are limited to a computer analysis of the structure and theoretical capacity of its main structural members. No allowance was made for any damaged, bent, missing, loose, or rusted members (above and below ground). No allowance was made for loose bolts or cracked welds.

EOR does not analyze the fabrication of the structure (including welding). It is not possible to have all the very detailed information needed to perform a thorough analysis of every structural sub-component and connection of an existing structure. EOR provides a limited scope of service in that we cannot verify the adequacy of every weld, plate connection detail, etc. The purpose of this report is to assess the feasibility of adding appurtenances usually accompanied by transmission lines to the structure.

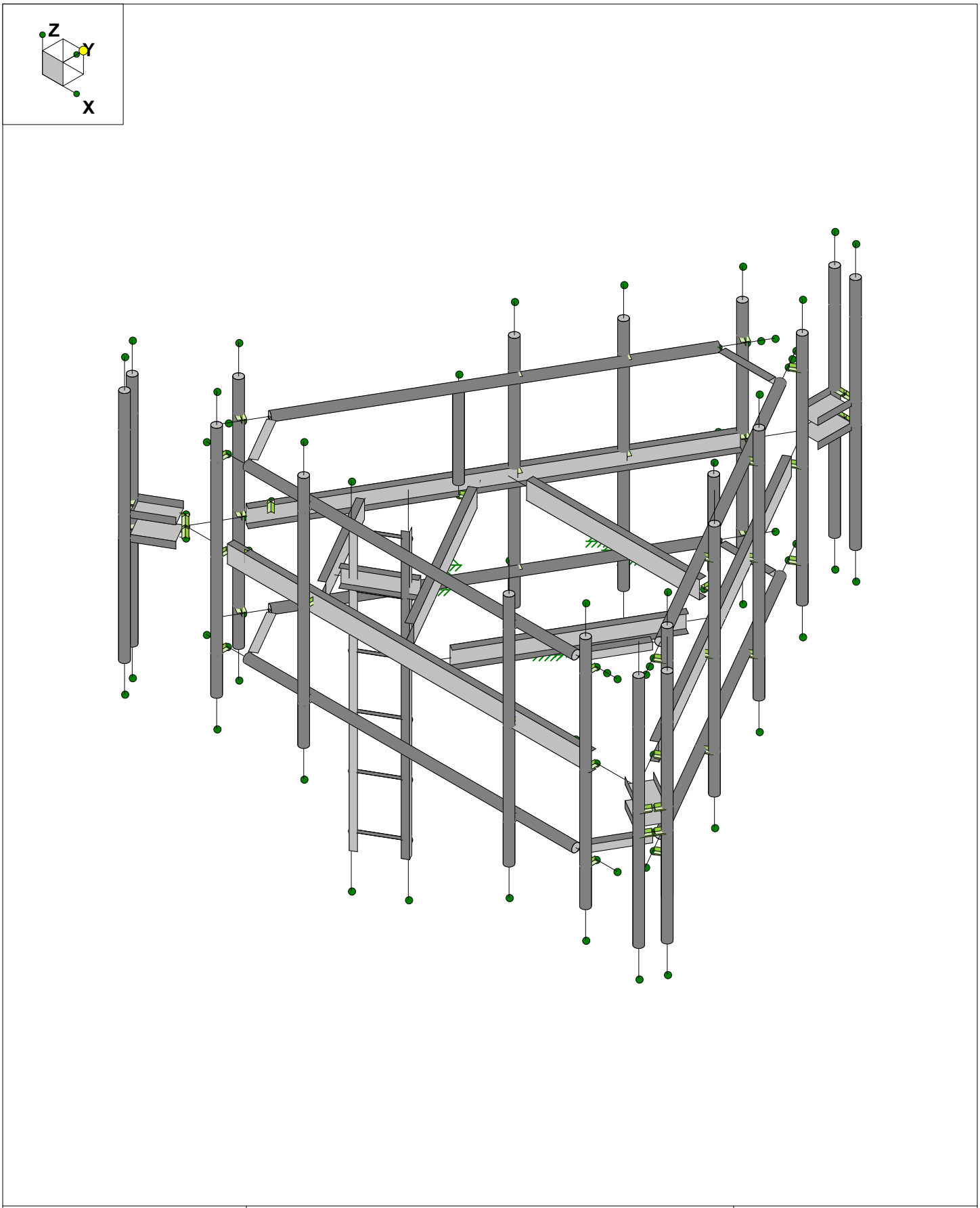
It is the owner's responsibility to determine the amount of ice accumulation in excess of the code specified amount, if any, that should be considered in the structural analysis.

The attached sketches are a schematic representation of the analyzed structure. If any material is fabricated from these sketches, the contractor shall be responsible for field verifying the existing conditions, proper fit, and clearance in the field. Any mentions of structural modifications are reasonable estimates and should not be used as a precise construction document. Precise modification drawings are obtainable from EOR, but are beyond the scope of this report.

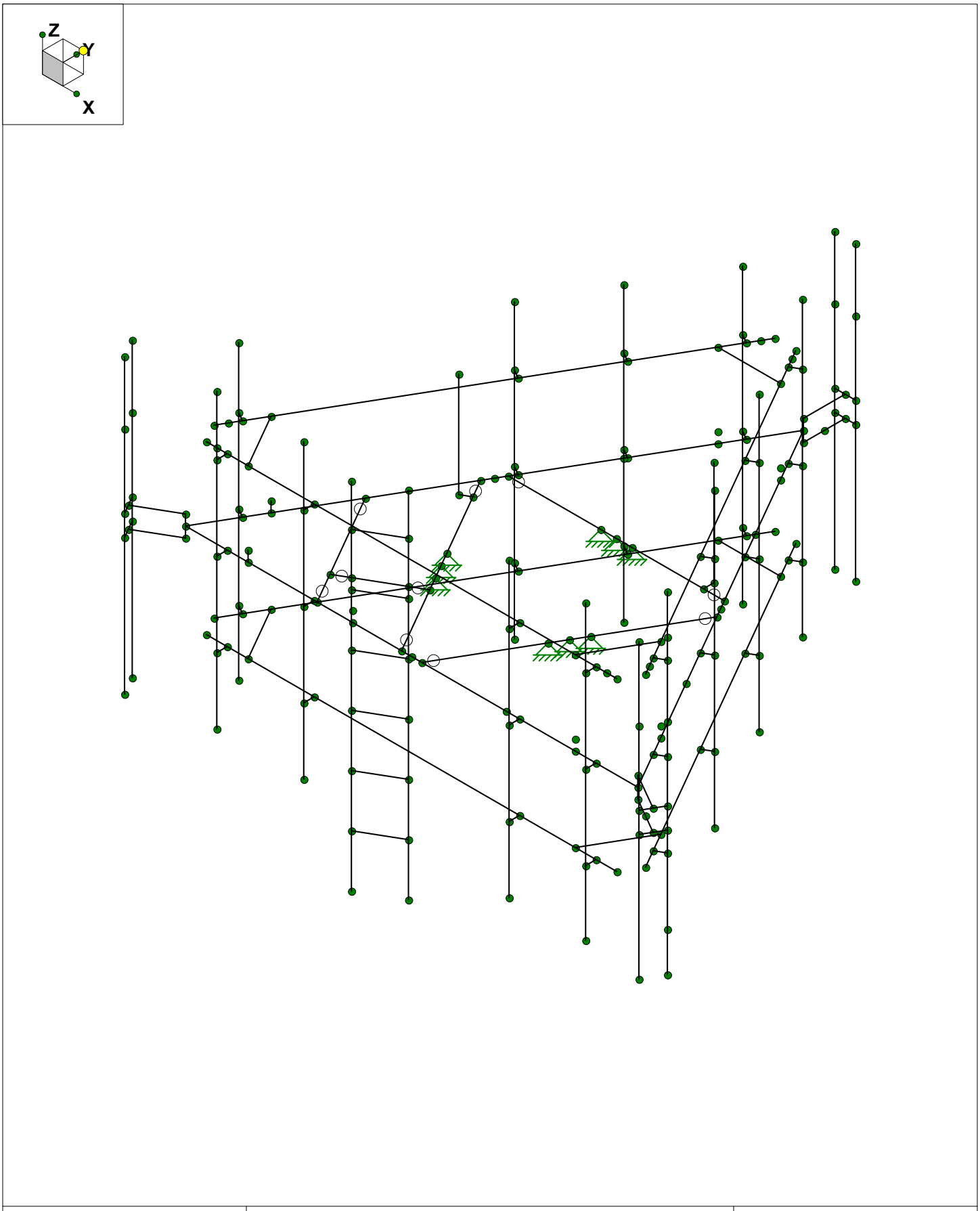
EOR makes no warranties, expressed and/or implied, in connection with this report and disclaims any liability arising from material, fabrication, and erection of this structure. EOR will not be responsible whatsoever, for or on account of, consequential or incidental damages sustained by any person, firm, or organization as a result of any data or conclusions contained in this report. The maximum liability of EOR pursuant to this report will be limited to the total fee received for preparation of this report.

APPENDIX A

Wire Frame and Rendered Models



POD	806354	SK - 2
JEM		Oct 26, 2018 at 2:43 PM
18-29178		10.83' Low Profile Platform (Chann...



POD	806354	SK - 1
JEM		Oct 26, 2018 at 2:42 PM
18-29178		10.83' Low Profile Platform (Chann...

APPENDIX B

Software Input Calculations

POD
POWER OF DESIGN

POD Job #	**18-29187**
Site Number	**806354**
Site Name	**BRG 123 943084**

General Site Information

Mount Type	LLP	Risk Category	II
V (Wind Speed)	120	I(ice)	1
Zs	2		
ti	1		
Vi	50		
Kzt	1		
Exposure	C		
zg	900		
α	9.5		
Kmin	0.85		
G_H	1		
Ke	1.00		
K_D	0.95		

Appurtenance Information

				Alpha				Beta				Gamma			
Model	Shielded	% Shielded	Centerline	# on MP 1	# on MP 2	# on MP 3	# on MP 4	# on MP 1	# on MP 2	# on MP 3	# on MP 4	# on MP 1	# on MP 2	# on MP 3	# on MP 4
DB846F65ZAXY	No	0	188	1				1				1			
QS8658-5	No	0	188		1	1			1	1			1	1	
CBC78T-DS-43	Front	100	188	1				1		1		1		1	
RRFDC-3315-PF-48	Front	0	188			1								1	
RFV01U-D1A	Front	60	188								1		1		
RFV01U-D2A	Front	60	188				1		1			1			

Mount Information

Elevation (ft)	185	Grating Thickness (in)	1
K_z	1.44	Grating Ice Weight (k/ft^2)	0.015
Kiz	1.19		
tiz	1.19		

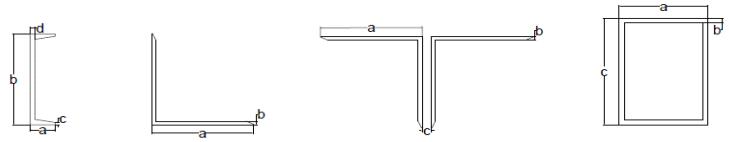
	Length (ft)	Width (in)	Centerline
Mount Pipes	7	2.375	188

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Ladder Rungs	1	0.625	No	6

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
Face	10.83	5	Channel	1.75	5	0.32	0.19	Yes	2
Face	10.83	5	Channel	1.75	5	0.32	0.19	No	1
Corner	5.174	5	Channel	1.75	5	0.32	0.19	No	3
Support	3.15	5	Channel	1.75	5	0.32	0.19	No	2
Ladder	8.5	1.75	Angle	1.75	0.25		0.25	No	2
Standoff	1	2	Channel	2	6	0.291	0.179	No	6



POD
POWER OF DESIGN

POD Job #	**18-29187**
Site Number	**806354**
Site Name	**BRG 123 943084**

General Site Information

Mount Type	LLP	Risk Category	II
V (Wind Speed)	120	I(ice)	1
Zs	2		
ti	1		
Vi	50		
Kzt	1		
Exposure	C		
zg	900		
α	9.5		
Kmin	0.85		
G_H	1		
Ke	1.00		
K_D	0.95		

Appurtenance Information

				Alpha				Beta				Gamma			
Model	Shielded	% Shielded	Centerline	# on MP 5	# on MP 6	# on MP 7	# on MP 8	# on MP 5	# on MP 6	# on MP 7	# on MP 8	# on MP 5	# on MP 6	# on MP 7	# on MP 8
DB846F65ZAXY	No	0	188	1				1				1			
QS8658-5	No	0	188												
CBC78T-DS-43	Front	100	188	1											
RRFDC-3315-PF-48	Front	0	188									1			
RFV01U-D1A	Front	60	188												
RFV01U-D2A	Front	60	188												

Mount Information

Elevation (ft)	123	Grating Thickness (in)	1
K_z	1.32	Grating Ice Weight (k/ft^2)	0.014
Kiz	1.14		
tiz	1.14		

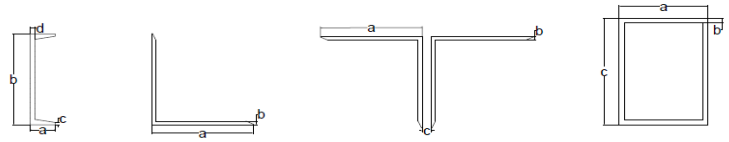
	Length (ft)	Width (in)	Centerline
Mount Pipes	7	2.375	188

Round Members

Member	Length (ft)	Width (in)	Frame Member	# of Members
Ladder Rungs	1	0.625	No	6

Flat Members

Member	Length (ft)	Width (in)	Shape	A	B	C	D	Frame Member	# of Members
Face	10.83	5	Channel	1.75	5	0.32	0.19	Yes	2
Face	10.83	5	Channel	1.75	5	0.32	0.19	No	1
Corner	5.174	5	Channel	1.75	5	0.32	0.19	No	3
Support	3.15	5	Channel	1.75	5	0.32	0.19	No	2
Ladder	8.5	1.75	Angle	1.75	0.25		0.25	No	2
Standoff	1	2	Channel	2	6	0.291	0.179	No	6



APPENDIX C

Software Analysis Output

Hot Rolled Steel Design Parameters

	Label	Shape	Length[...	Lbyy[ft]	Lbzz[ft]	Lcomp top...	Lcomp bot...	L-torq...	Kyy	Kzz	Cb	Functi...
1	Standoff6	MC6X7	1			Lbyy						Lateral
2	Standoff5	MC6X7	1			Lbyy						Lateral
3	Standoff4	MC6X7	1			Lbyy						Lateral
4	Standoff3	MC6X7	1			Lbyy						Lateral
5	Standoff2	MC6X7	1			Lbyy						Lateral
6	Standoff1	MC6X7	1			Lbyy						Lateral
7	SUPPORT2	C5X6.7	1.75			Lbyy						Lateral
8	SUPPORT1	C5X6.7	3.153			Lbyy						Lateral
9	Rail3	PIPE_2.0	9.833	5.417	5.417	Lbyy						Lateral
10	Rail2	PIPE_2.0	9.833	5.417	5.417	Lbyy						Lateral
11	Rail1	PIPE_2.0	9.833	5.417	5.417	Lbyy						Lateral
12	RUNG6	SR 5/8	1			Lbyy						Lateral
13	RUNG5	SR 5/8	1			Lbyy						Lateral
14	RUNG4	SR 5/8	1			Lbyy						Lateral
15	RUNG3	SR 5/8	1			Lbyy						Lateral
16	RUNG2	SR 5/8	1			Lbyy						Lateral
17	RUNG1	SR 5/8	1			Lbyy						Lateral
18	PLATE3	L2x2x4	1.5			Lbyy						Lateral
19	PLATE2	L2x2x4	1.5			Lbyy						Lateral
20	PLATE1	L2x2x4	1.5			Lbyy						Lateral
21	MP GAMMA6	PIPE_2.0	7			Lbyy						Lateral
22	MP GAMMA5	PIPE_2.0	7			Lbyy						Lateral
23	MP GAMMA4	PIPE_2.0	7			Lbyy						Lateral
24	MP GAMMA3	PIPE_2.0	7			Lbyy						Lateral
25	MP GAMMA2	PIPE_2.0	7			Lbyy						Lateral
26	MP GAMMA1	PIPE_2.0	7			Lbyy						Lateral
27	MP BETA6	PIPE_2.0	7			Lbyy						Lateral
28	MP BETA5	PIPE_2.0	7			Lbyy						Lateral
29	MP BETA4	PIPE_2.0	7			Lbyy						Lateral
30	MP BETA3	PIPE_2.0	7			Lbyy						Lateral
31	MP BETA2	PIPE_2.0	7			Lbyy						Lateral
32	MP BETA1	PIPE_2.0	7			Lbyy						Lateral
33	MP ALPHA8	PIPE_2.0	2.5			Lbyy						Lateral
34	MP ALPHA7	PIPE_2.0	2.5			Lbyy						Lateral
35	MP ALPHA6	PIPE_2.0	7			Lbyy						Lateral
36	MP ALPHA5	PIPE_2.0	7			Lbyy						Lateral
37	MP ALPHA4	PIPE_2.0	7			Lbyy						Lateral
38	MP ALPHA3	PIPE_2.0	7			Lbyy						Lateral
39	MP ALPHA2	PIPE_2.0	7			Lbyy						Lateral
40	MP ALPHA1	PIPE_2.0	7			Lbyy						Lateral
41	LADDER2	L1.75x1.7...	8.5			Lbyy						Lateral
42	LADDER1	L1.75x1.7...	8.5			Lbyy						Lateral
43	FACE3	C5X9	10.833	5.417	5.417	Lbyy						Lateral
44	FACE2	C5X9	10.833	5.417	5.417	Lbyy						Lateral
45	FACE1	C5X9	10.833	5.417	5.417	Lbyy						Lateral
46	CORNER3	C5X9	5.174			Lbyy						Lateral
47	CORNER2	C5X9	5.174			Lbyy						Lateral
48	CORNER1	C5X9	5.174			Lbyy						Lateral
49	M95	C5X6.7	3.153			Lbyy						Lateral
50	M96	C5X6.7	3.153			Lbyy						Lateral
51	M103	PIPE_2.0	9.833	5.417	5.417	Lbyy						Lateral
52	M104	PIPE_2.0	9.833	5.417	5.417	Lbyy						Lateral
53	M105	PIPE_2.0	9.833	5.417	5.417	Lbyy						Lateral
54	M106	L2x2x4	1.5			Lbyy						Lateral
55	M107	L2x2x4	1.5			Lbyy						Lateral
56	M108	L2x2x4	1.5			Lbyy						Lateral

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design...
1	Standoff6	N113	N115			MC6X7	Beam	Wide Flange	A36 Gr.36	Typical
2	Standoff5	N112	N114		180	MC6X7	Beam	Wide Flange	A36 Gr.36	Typical
3	Standoff4	N103	N105		180	MC6X7	Beam	Wide Flange	A36 Gr.36	Typical
4	Standoff3	N102	N104			MC6X7	Beam	Wide Flange	A36 Gr.36	Typical
5	Standoff2	N93A	N95			MC6X7	Beam	Wide Flange	A36 Gr.36	Typical
6	Standoff1	N92A	N94A		180	MC6X7	Beam	Wide Flange	A36 Gr.36	Typical
7	SUPPORT2	N36	N37		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
8	SUPPORT1	N34	N35		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
9	Rail3	N168	N169			PIPE_2.0	Beam	Channel	A53 Gr.B	Typical
10	Rail2	N165	N166			PIPE_2.0	Beam	Channel	A53 Gr.B	Typical
11	Rail1	N162	N163			PIPE_2.0	Beam	Channel	A53 Gr.B	Typical
12	RUNG6	N69A	N70A			SR 5/8	Beam	BAR	A36 Gr.36	Typical
13	RUNG5	N67A	N68A			SR 5/8	Beam	BAR	A36 Gr.36	Typical
14	RUNG4	N65	N66A			SR 5/8	Beam	BAR	A36 Gr.36	Typical
15	RUNG3	N63	N64			SR 5/8	Beam	BAR	A36 Gr.36	Typical
16	RUNG2	N61A	N62			SR 5/8	Beam	BAR	A36 Gr.36	Typical
17	RUNG1	N59A	N60A			SR 5/8	Beam	BAR	A36 Gr.36	Typical
18	PLATE3	N172	N174		90	L2x2x4	Beam	Wide Flange	A36 Gr.36	Typical
19	PLATE2	N169A	N171		270	L2x2x4	Beam	Wide Flange	A36 Gr.36	Typical
20	PLATE1	N168A	N175			L2x2x4	Beam	Wide Flange	A36 Gr.36	Typical
21	MP GAMMA6	N123	N119A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
22	MP GAMMA5	N94	N91			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
23	MP GAMMA4	N88	N79			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
24	MP GAMMA3	N87	N78			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
25	MP GAMMA2	N86	N77			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
26	MP GAMMA1	N122	N118A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
27	MP BETA6	N121	N117A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
28	MP BETA5	N93	N90			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
29	MP BETA4	N85	N76A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
30	MP BETA3	N84	N75A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
31	MP BETA2	N83	N74A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
32	MP BETA1	N128	N126			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
33	MP ALPHA8	N135	N136			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
34	MP ALPHA7	N131A	N132			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
35	MP ALPHA6	N127	N125			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
36	MP ALPHA5	N92	N89			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
37	MP ALPHA4	N82	N73A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
38	MP ALPHA3	N81	N72A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
39	MP ALPHA2	N80	N71A			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
40	MP ALPHA1	N124	N120			PIPE_2.0	Beam	Pipe	A53 Gr.B	Typical
41	LADDER2	N56A	N58A		30	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
42	LADDER1	N55A	N57A		300	L1.75x1.75x4	Beam	Single Angle	A36 Gr.36	Typical
43	FACE3	N1	N3		90	C5X9	Beam	Channel	A36 Gr.36	Typical
44	FACE2	N2	N3		90	C5X9	Beam	Channel	A36 Gr.36	Typical
45	FACE1	N1	N2		270	C5X9	Beam	Channel	A36 Gr.36	Typical
46	CORNER3	N4	N5		270	C5X9	Beam	Channel	A36 Gr.36	Typical
47	CORNER2	N8	N9		90	C5X9	Beam	Channel	A36 Gr.36	Typical
48	CORNER1	N6	N7		90	C5X9	Beam	Channel	A36 Gr.36	Typical
49	44	N160	N161			RIGID	None	None	RIGID	Typical
50	43	N158	N159			RIGID	None	None	RIGID	Typical
51	42	N156	N157			RIGID	None	None	RIGID	Typical
52	41	N154	N155			RIGID	None	None	RIGID	Typical
53	40	N152	N153			RIGID	None	None	RIGID	Typical
54	39	N150	N151			RIGID	None	None	RIGID	Typical
55	38	N148	N149			RIGID	None	None	RIGID	Typical
56	37	N146	N147			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design...
57	36	N144	N145			RIGID	None	None	RIGID	Typical
58	35	N142	N143			RIGID	None	None	RIGID	Typical
59	34	N140	N141			RIGID	None	None	RIGID	Typical
60	33	N138	N139			RIGID	None	None	RIGID	Typical
61	32	N131	N135			RIGID	None	None	RIGID	Typical
62	31	N129	N131A			RIGID	None	None	RIGID	Typical
63	30	N114	N118			RIGID	None	None	RIGID	Typical
64	29	N115	N119			RIGID	None	None	RIGID	Typical
65	28	N114	N116			RIGID	None	None	RIGID	Typical
66	27	N115	N117			RIGID	None	None	RIGID	Typical
67	26	N2	N112			RIGID	None	None	RIGID	Typical
68	25	N2	N113			RIGID	None	None	RIGID	Typical
69	24	N104	N108			RIGID	None	None	RIGID	Typical
70	23	N105	N109			RIGID	None	None	RIGID	Typical
71	22	N104	N106			RIGID	None	None	RIGID	Typical
72	21	N105	N107			RIGID	None	None	RIGID	Typical
73	20	N1	N102			RIGID	None	None	RIGID	Typical
74	19	N1	N103			RIGID	None	None	RIGID	Typical
75	18	N94A	N98			RIGID	None	None	RIGID	Typical
76	17	N95	N99			RIGID	None	None	RIGID	Typical
77	16	N94A	N96			RIGID	None	None	RIGID	Typical
78	15	N95	N97			RIGID	None	None	RIGID	Typical
79	14	N3	N92A			RIGID	None	None	RIGID	Typical
80	13	N3	N93A			RIGID	None	None	RIGID	Typical
81	12	N60	N61			RIGID	None	None	RIGID	Typical
82	11	N58	N59			RIGID	None	None	RIGID	Typical
83	10	N56	N57			RIGID	None	None	RIGID	Typical
84	9	N54	N55			RIGID	None	None	RIGID	Typical
85	8	N52	N53			RIGID	None	None	RIGID	Typical
86	7	N50	N51			RIGID	None	None	RIGID	Typical
87	6	N48	N49			RIGID	None	None	RIGID	Typical
88	5	N46	N47			RIGID	None	None	RIGID	Typical
89	4	N44	N45			RIGID	None	None	RIGID	Typical
90	3	N42	N43			RIGID	None	None	RIGID	Typical
91	2	N40	N41			RIGID	None	None	RIGID	Typical
92	1	N38	N39			RIGID	None	None	RIGID	Typical
93	M93	N171A	N177A			RIGID	None	None	RIGID	Typical
94	M94	N178	N182			RIGID	None	None	RIGID	Typical
95	M95	N187	N188		90	C5X6.7	Beam	Channel	A36 Gr.36	Typical
96	M96	N190A	N191		270	C5X6.7	Beam	Channel	A36 Gr.36	Typical
97	M103	N231	N232			PIPE_2.0	Beam	Channel	A53 Gr.B	Typical
98	M104	N229	N230			PIPE_2.0	Beam	Channel	A53 Gr.B	Typical
99	M105	N227	N228			PIPE_2.0	Beam	Channel	A53 Gr.B	Typical
100	M106	N236	N237		90	L2x2x4	Beam	Wide Flange	A36 Gr.36	Typical
101	M107	N234	N235		270	L2x2x4	Beam	Wide Flange	A36 Gr.36	Typical
102	M108	N233	N238			L2x2x4	Beam	Wide Flange	A36 Gr.36	Typical
103	M109	N225	N226			RIGID	None	None	RIGID	Typical
104	M110	N223	N224			RIGID	None	None	RIGID	Typical
105	M111	N221	N222			RIGID	None	None	RIGID	Typical
106	M112	N219	N220			RIGID	None	None	RIGID	Typical
107	M113	N217	N218			RIGID	None	None	RIGID	Typical
108	M114	N215	N216			RIGID	None	None	RIGID	Typical
109	M115	N213	N214			RIGID	None	None	RIGID	Typical
110	M116	N211	N212			RIGID	None	None	RIGID	Typical
111	M117	N209	N210			RIGID	None	None	RIGID	Typical
112	M118	N207	N208			RIGID	None	None	RIGID	Typical
113	M119	N205A	N206			RIGID	None	None	RIGID	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotat...	Section/Shape	Type	Design List	Material	Design...
114	M120	N203A	N204B			RIGID	None	None	RIGID	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
1	Standoff6						Yes				None
2	Standoff5						Yes				None
3	Standoff4						Yes	Default			None
4	Standoff3						Yes				None
5	Standoff2						Yes				None
6	Standoff1						Yes				None
7	SUPPORT2	BenPIN	BenPIN				Yes				None
8	SUPPORT1	BenPIN	BenPIN				Yes				None
9	Rail3						Yes				None
10	Rail2						Yes				None
11	Rail1						Yes				None
12	RUNG6						Yes				None
13	RUNG5						Yes				None
14	RUNG4						Yes				None
15	RUNG3						Yes				None
16	RUNG2						Yes				None
17	RUNG1						Yes				None
18	PLATE3						Yes				None
19	PLATE2						Yes				None
20	PLATE1						Yes	Default			None
21	MP GAMM...						Yes				None
22	MP GAMM...						Yes				None
23	MP GAMM...						Yes				None
24	MP GAMM...						Yes				None
25	MP GAMM...						Yes				None
26	MP GAMM...						Yes				None
27	MP BETA6						Yes				None
28	MP BETA5						Yes				None
29	MP BETA4						Yes				None
30	MP BETA3						Yes				None
31	MP BETA2						Yes				None
32	MP BETA1						Yes				None
33	MP ALPHA8						Yes				None
34	MP ALPHA7						Yes				None
35	MP ALPHA6						Yes				None
36	MP ALPHA5						Yes				None
37	MP ALPHA4						Yes				None
38	MP ALPHA3						Yes				None
39	MP ALPHA2						Yes				None
40	MP ALPHA1						Yes				None
41	LADDER2						Yes				None
42	LADDER1						Yes				None
43	FACE3						Yes				None
44	FACE2						Yes				None
45	FACE1						Yes				None
46	CORNER3	BenPIN	BenPIN				Yes				None
47	CORNER2	BenPIN	BenPIN				Yes				None
48	CORNER1	BenPIN	BenPIN				Yes				None
49	44						Yes	** NA **			None
50	43						Yes	** NA **			None
51	42						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
52	41						Yes	** NA **			None
53	40						Yes	** NA **			None
54	39						Yes	** NA **			None
55	38						Yes	** NA **			None
56	37						Yes	** NA **			None
57	36						Yes	** NA **			None
58	35						Yes	** NA **			None
59	34						Yes	** NA **			None
60	33						Yes	** NA **			None
61	32						Yes	** NA **			None
62	31						Yes	** NA **			None
63	30						Yes	** NA **			None
64	29						Yes	** NA **			None
65	28						Yes	** NA **			None
66	27						Yes	** NA **			None
67	26						Yes	** NA **			None
68	25						Yes	** NA **			None
69	24						Yes	** NA **			None
70	23						Yes	** NA **			None
71	22						Yes	** NA **			None
72	21						Yes	** NA **			None
73	20						Yes	** NA **			None
74	19						Yes	** NA **			None
75	18						Yes	** NA **			None
76	17						Yes	** NA **			None
77	16						Yes	** NA **			None
78	15						Yes	** NA **			None
79	14						Yes	** NA **			None
80	13						Yes	** NA **			None
81	12						Yes	** NA **			None
82	11						Yes	** NA **			None
83	10						Yes	** NA **			None
84	9						Yes	** NA **			None
85	8						Yes	** NA **			None
86	7						Yes	** NA **			None
87	6						Yes	** NA **			None
88	5						Yes	** NA **			None
89	4						Yes	** NA **			None
90	3						Yes	** NA **			None
91	2						Yes	** NA **			None
92	1						Yes	** NA **			None
93	M93						Yes	** NA **			None
94	M94						Yes	** NA **			None
95	M95	BenPIN	BenPIN				Yes			Inactive	None
96	M96	BenPIN	BenPIN				Yes	Default		Inactive	None
97	M103						Yes				None
98	M104						Yes				None
99	M105						Yes				None
100	M106						Yes				None
101	M107						Yes				None
102	M108						Yes	Default			None
103	M109						Yes	** NA **			None
104	M110						Yes	** NA **			None
105	M111						Yes	** NA **			None
106	M112						Yes	** NA **			None
107	M113						Yes	** NA **			None
108	M114						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Rat...	Analysis ...	Inactive	Seismic...
109	M115						Yes	** NA **			None
110	M116						Yes	** NA **			None
111	M117						Yes	** NA **			None
112	M118						Yes	** NA **			None
113	M119						Yes	** NA **			None
114	M120						Yes	** NA **			None

Hot Rolled Steel Properties

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

Member Point Loads (BLC 1 : Wind Load (0))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.356	3.5
2	MP ALPHA2	Y	-.58	3.5
3	MP ALPHA3	Y	-.772	3.5
4	MP ALPHA5	Y	-.356	3.5
5	MP BETA1	Y	-.332	3.5
6	MP BETA2	Y	-.557	3.5
7	MP BETA3	Y	-.519	3.5
8	MP BETA5	Y	-.323	3.5
9	MP GAMMA5	Y	-.38	3.5
10	MP GAMMA3	Y	-.663	3.5
11	MP GAMMA2	Y	-.567	3.5
12	MP GAMMA1	Y	-.38	3.5
13	MP ALPHA4	Y	-.095	3.5
14	MP BETA4	Y	-.071	3.5

Member Point Loads (BLC 2 : Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.032	3.5
2	MP ALPHA2	Z	-.098	3.5
3	MP ALPHA3	Z	-.13	3.5
4	MP ALPHA5	Z	-.032	3.5
5	MP BETA1	Z	-.032	3.5
6	MP BETA2	Z	-.168	3.5
7	MP BETA3	Z	-.109	3.5
8	MP BETA5	Z	-.021	3.5
9	MP GAMMA5	Z	-.105	3.5
10	MP GAMMA3	Z	-.141	3.5
11	MP GAMMA2	Z	-.182	3.5
12	MP GAMMA1	Z	-.102	3.5
13	MP ALPHA4	Z	-.07	3.5
14	MP BETA4	Z	-.084	3.5

Member Point Loads (BLC 3 : Live Load)

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

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	FACE1	Z	-.5	0
2	Rail1	Z	-.5	0
3	Rail2	Z	-.5	0
4	Rail3	Z	-.5	0
5	M103	Z	-.5	0
6	M104	Z	-.5	0
7	M105	Z	-.5	0

Member Point Loads (BLC 4 : Ice Wind Load (0))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.044	3.5
2	MP ALPHA2	Y	-.069	3.5
3	MP ALPHA3	Y	-.093	3.5
4	MP ALPHA5	Y	-.044	3.5
5	MP BETA1	Y	-.042	3.5
6	MP BETA2	Y	-.069	3.5
7	MP BETA3	Y	-.064	3.5
8	MP BETA5	Y	-.04	3.5
9	MP GAMMA5	Y	-.049	3.5
10	MP GAMMA3	Y	-.083	3.5
11	MP GAMMA2	Y	-.07	3.5
12	MP GAMMA1	Y	-.05	3.5
13	MP ALPHA4	Y	-.013	3.5
14	MP BETA4	Y	-.01	3.5

Member Point Loads (BLC 5 : Ice Dead Load)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Z	-.138	3.5
2	MP ALPHA2	Z	-.191	3.5
3	MP ALPHA3	Z	-.272	3.5
4	MP ALPHA5	Z	-.138	3.5
5	MP BETA1	Z	-.138	3.5
6	MP BETA2	Z	-.234	3.5
7	MP BETA3	Z	-.203	3.5
8	MP BETA5	Z	-.126	3.5
9	MP GAMMA5	Z	-.175	3.5
10	MP GAMMA3	Z	-.284	3.5
11	MP GAMMA2	Z	-.239	3.5
12	MP GAMMA1	Z	-.182	3.5
13	MP ALPHA4	Z	-.044	3.5
14	MP BETA4	Z	-.048	3.5

Member Point Loads (BLC 6 : Wind Load (30))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.302	3.5
2	MP ALPHA2	Y	-.482	3.5
3	MP ALPHA3	Y	-.634	3.5
4	MP ALPHA5	Y	-.302	3.5
5	MP BETA1	Y	-.281	3.5
6	MP BETA2	Y	-.465	3.5
7	MP BETA3	Y	-.432	3.5
8	MP BETA5	Y	-.27	3.5
9	MP GAMMA5	Y	-.337	3.5
10	MP GAMMA3	Y	-.637	3.5
11	MP GAMMA2	Y	-.521	3.5

Member Point Loads (BLC 6 : Wind Load (30)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
12	MP GAMMA1	Y	-.337	3.5
13	MP ALPHA4	Y	-.073	3.5
14	MP BETA4	Y	-.055	3.5
15	MP ALPHA1	X	-.174	3.5
16	MP ALPHA2	X	-.278	3.5
17	MP ALPHA3	X	-.366	3.5
18	MP ALPHA5	X	-.174	3.5
19	MP BETA1	X	-.162	3.5
20	MP BETA2	X	-.269	3.5
21	MP BETA3	X	-.249	3.5
22	MP BETA5	X	-.156	3.5
23	MP GAMMA5	X	-.195	3.5
24	MP GAMMA3	X	-.368	3.5
25	MP GAMMA2	X	-.301	3.5
26	MP GAMMA1	X	-.195	3.5
27	MP ALPHA4	X	-.042	3.5
28	MP BETA4	X	-.032	3.5

Member Point Loads (BLC 7 : Ice Wind Load (30))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.037	3.5
2	MP ALPHA2	Y	-.058	3.5
3	MP ALPHA3	Y	-.077	3.5
4	MP ALPHA5	Y	-.037	3.5
5	MP BETA1	Y	-.036	3.5
6	MP BETA2	Y	-.058	3.5
7	MP BETA3	Y	-.054	3.5
8	MP BETA5	Y	-.034	3.5
9	MP GAMMA5	Y	-.042	3.5
10	MP GAMMA3	Y	-.078	3.5
11	MP GAMMA2	Y	-.063	3.5
12	MP GAMMA1	Y	-.043	3.5
13	MP ALPHA4	Y	-.01	3.5
14	MP BETA4	Y	-.008	3.5
15	MP ALPHA1	X	-.022	3.5
16	MP ALPHA2	X	-.033	3.5
17	MP ALPHA3	X	-.044	3.5
18	MP ALPHA5	X	-.022	3.5
19	MP BETA1	X	-.021	3.5
20	MP BETA2	X	-.034	3.5
21	MP BETA3	X	-.031	3.5
22	MP BETA5	X	-.02	3.5
23	MP GAMMA5	X	-.024	3.5
24	MP GAMMA3	X	-.045	3.5
25	MP GAMMA2	X	-.036	3.5
26	MP GAMMA1	X	-.025	3.5
27	MP ALPHA4	X	-.006	3.5
28	MP BETA4	X	-.005	3.5

Member Point Loads (BLC 8 : Wind Load (60))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.166	3.5
2	MP ALPHA2	Y	-.255	3.5
3	MP ALPHA3	Y	-.326	3.5
4	MP ALPHA5	Y	-.166	3.5
5	MP BETA1	Y	-.166	3.5

Member Point Loads (BLC 8 : Wind Load (60)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP BETA2	Y	-.279	3.5
7	MP BETA3	Y	-.26	3.5
8	MP BETA5	Y	-.161	3.5
9	MP GAMMA5	Y	-.197	3.5
10	MP GAMMA3	Y	-.386	3.5
11	MP GAMMA2	Y	-.309	3.5
12	MP GAMMA1	Y	-.197	3.5
13	MP ALPHA4	Y	-.031	3.5
14	MP BETA4	Y	-.036	3.5
15	MP ALPHA1	X	-.288	3.5
16	MP ALPHA2	X	-.441	3.5
17	MP ALPHA3	X	-.566	3.5
18	MP ALPHA5	X	-.288	3.5
19	MP BETA1	X	-.288	3.5
20	MP BETA2	X	-.483	3.5
21	MP BETA3	X	-.45	3.5
22	MP BETA5	X	-.28	3.5
23	MP GAMMA5	X	-.341	3.5
24	MP GAMMA3	X	-.669	3.5
25	MP GAMMA2	X	-.536	3.5
26	MP GAMMA1	X	-.341	3.5
27	MP ALPHA4	X	-.054	3.5
28	MP BETA4	X	-.062	3.5

Member Point Loads (BLC 9 : Ice Wind Load (60))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.021	3.5
2	MP ALPHA2	Y	-.031	3.5
3	MP ALPHA3	Y	-.04	3.5
4	MP ALPHA5	Y	-.021	3.5
5	MP BETA1	Y	-.021	3.5
6	MP BETA2	Y	-.034	3.5
7	MP BETA3	Y	-.032	3.5
8	MP BETA5	Y	-.02	3.5
9	MP GAMMA5	Y	-.024	3.5
10	MP GAMMA3	Y	-.046	3.5
11	MP GAMMA2	Y	-.037	3.5
12	MP GAMMA1	Y	-.024	3.5
13	MP ALPHA4	Y	-.005	3.5
14	MP BETA4	Y	-.005	3.5
15	MP ALPHA1	X	-.037	3.5
16	MP ALPHA2	X	-.054	3.5
17	MP ALPHA3	X	-.07	3.5
18	MP ALPHA5	X	-.037	3.5
19	MP BETA1	X	-.037	3.5
20	MP BETA2	X	-.06	3.5
21	MP BETA3	X	-.055	3.5
22	MP BETA5	X	-.035	3.5
23	MP GAMMA5	X	-.042	3.5
24	MP GAMMA3	X	-.081	3.5
25	MP GAMMA2	X	-.064	3.5
26	MP GAMMA1	X	-.042	3.5
27	MP ALPHA4	X	-.008	3.5
28	MP BETA4	X	-.009	3.5

Member Point Loads (BLC 10 : Wind Load (90))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.325	3.5
2	MP ALPHA2	X	-.486	3.5
3	MP ALPHA3	X	-.613	3.5
4	MP ALPHA5	X	-.325	3.5
5	MP BETA1	X	-.348	3.5
6	MP BETA2	X	-.598	3.5
7	MP BETA3	X	-.56	3.5
8	MP BETA5	X	-.345	3.5
9	MP GAMMA5	X	-.389	3.5
10	MP GAMMA3	X	-.736	3.5
11	MP GAMMA2	X	-.601	3.5
12	MP GAMMA1	X	-.389	3.5
13	MP ALPHA4	X	-.051	3.5
14	MP BETA4	X	-.087	3.5

Member Point Loads (BLC 11 : Ice Wind Load (90))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.042	3.5
2	MP ALPHA2	X	-.059	3.5
3	MP ALPHA3	X	-.076	3.5
4	MP ALPHA5	X	-.042	3.5
5	MP BETA1	X	-.043	3.5
6	MP BETA2	X	-.072	3.5
7	MP BETA3	X	-.067	3.5
8	MP BETA5	X	-.043	3.5
9	MP GAMMA5	X	-.049	3.5
10	MP GAMMA3	X	-.09	3.5
11	MP GAMMA2	X	-.073	3.5
12	MP GAMMA1	X	-.049	3.5
13	MP ALPHA4	X	-.008	3.5
14	MP BETA4	X	-.012	3.5

Member Point Loads (BLC 12 : Wind Load (120))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.166	3.5
2	MP ALPHA2	Y	.255	3.5
3	MP ALPHA3	Y	.326	3.5
4	MP ALPHA5	Y	.166	3.5
5	MP BETA1	Y	.178	3.5
6	MP BETA2	Y	.309	3.5
7	MP BETA3	Y	.29	3.5
8	MP BETA5	Y	.178	3.5
9	MP GAMMA5	Y	.19	3.5
10	MP GAMMA3	Y	.331	3.5
11	MP GAMMA2	Y	.283	3.5
12	MP GAMMA1	Y	.19	3.5
13	MP ALPHA4	Y	.031	3.5
14	MP BETA4	Y	.047	3.5
15	MP ALPHA1	X	-.288	3.5
16	MP ALPHA2	X	-.441	3.5
17	MP ALPHA3	X	-.566	3.5
18	MP ALPHA5	X	-.288	3.5
19	MP BETA1	X	-.308	3.5
20	MP BETA2	X	-.536	3.5
21	MP BETA3	X	-.503	3.5
22	MP BETA5	X	-.308	3.5

Member Point Loads (BLC 12 : Wind Load (120)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
23	MP GAMMA5	X	-.329	3.5
24	MP GAMMA3	X	-.574	3.5
25	MP GAMMA2	X	-.491	3.5
26	MP GAMMA1	X	-.329	3.5
27	MP ALPHA4	X	-.054	3.5
28	MP BETA4	X	-.082	3.5

Member Point Loads (BLC 13 : Ice Wind Load (120))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.302	3.5
2	MP ALPHA2	Y	.482	3.5
3	MP ALPHA3	Y	.634	3.5
4	MP ALPHA5	Y	.302	3.5
5	MP BETA1	Y	.302	3.5
6	MP BETA2	Y	.518	3.5
7	MP BETA3	Y	.485	3.5
8	MP BETA5	Y	.299	3.5
9	MP GAMMA5	Y	.325	3.5
10	MP GAMMA3	Y	.542	3.5
11	MP GAMMA2	Y	.476	3.5
12	MP GAMMA1	Y	.325	3.5
13	MP ALPHA4	Y	.073	3.5
14	MP BETA4	Y	.075	3.5
15	MP ALPHA1	X	-.174	3.5
16	MP ALPHA2	X	-.278	3.5
17	MP ALPHA3	X	-.366	3.5
18	MP ALPHA5	X	-.174	3.5
19	MP BETA1	X	-.174	3.5
20	MP BETA2	X	-.299	3.5
21	MP BETA3	X	-.28	3.5
22	MP BETA5	X	-.172	3.5
23	MP GAMMA5	X	-.188	3.5
24	MP GAMMA3	X	-.313	3.5
25	MP GAMMA2	X	-.275	3.5
26	MP GAMMA1	X	-.188	3.5
27	MP ALPHA4	X	-.042	3.5
28	MP BETA4	X	-.043	3.5

Member Point Loads (BLC 14 : Wind Load (150))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.302	3.5
2	MP ALPHA2	Y	.482	3.5
3	MP ALPHA3	Y	.634	3.5
4	MP ALPHA5	Y	.302	3.5
5	MP BETA1	Y	.302	3.5
6	MP BETA2	Y	.518	3.5
7	MP BETA3	Y	.485	3.5
8	MP BETA5	Y	.299	3.5
9	MP GAMMA5	Y	.325	3.5
10	MP GAMMA3	Y	.542	3.5
11	MP GAMMA2	Y	.476	3.5
12	MP GAMMA1	Y	.325	3.5
13	MP ALPHA4	Y	.073	3.5
14	MP BETA4	Y	.075	3.5
15	MP ALPHA1	X	-.174	3.5
16	MP ALPHA2	X	-.278	3.5

Member Point Loads (BLC 14 : Wind Load (150)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
17	MP ALPHA3	X	-.366	3.5
18	MP ALPHA5	X	-.174	3.5
19	MP BETA1	X	-.174	3.5
20	MP BETA2	X	-.299	3.5
21	MP BETA3	X	-.28	3.5
22	MP BETA5	X	-.172	3.5
23	MP GAMMA5	X	-.188	3.5
24	MP GAMMA3	X	-.313	3.5
25	MP GAMMA2	X	-.275	3.5
26	MP GAMMA1	X	-.188	3.5
27	MP ALPHA4	X	-.042	3.5
28	MP BETA4	X	-.043	3.5

Member Point Loads (BLC 15 : Ice Wind Load (150))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.037	3.5
2	MP ALPHA2	Y	.058	3.5
3	MP ALPHA3	Y	.077	3.5
4	MP ALPHA5	Y	.037	3.5
5	MP BETA1	Y	.037	3.5
6	MP BETA2	Y	.063	3.5
7	MP BETA3	Y	.058	3.5
8	MP BETA5	Y	.037	3.5
9	MP GAMMA5	Y	.042	3.5
10	MP GAMMA3	Y	.069	3.5
11	MP GAMMA2	Y	.059	3.5
12	MP GAMMA1	Y	.043	3.5
13	MP ALPHA4	Y	.01	3.5
14	MP BETA4	Y	.01	3.5
15	MP ALPHA1	X	-.022	3.5
16	MP ALPHA2	X	-.033	3.5
17	MP ALPHA3	X	-.044	3.5
18	MP ALPHA5	X	-.022	3.5
19	MP BETA1	X	-.022	3.5
20	MP BETA2	X	-.036	3.5
21	MP BETA3	X	-.034	3.5
22	MP BETA5	X	-.021	3.5
23	MP GAMMA5	X	-.024	3.5
24	MP GAMMA3	X	-.04	3.5
25	MP GAMMA2	X	-.034	3.5
26	MP GAMMA1	X	-.025	3.5
27	MP ALPHA4	X	-.006	3.5
28	MP BETA4	X	-.006	3.5

Member Point Loads (BLC 16 : Wind Load (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.356	3.5
2	MP ALPHA2	Y	.58	3.5
3	MP ALPHA3	Y	.772	3.5
4	MP ALPHA5	Y	.356	3.5
5	MP BETA1	Y	.332	3.5
6	MP BETA2	Y	.557	3.5
7	MP BETA3	Y	.519	3.5
8	MP BETA5	Y	.323	3.5
9	MP GAMMA5	Y	.38	3.5
10	MP GAMMA3	Y	.663	3.5

Member Point Loads (BLC 16 : Wind Load (180)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
11	MP GAMMA2	Y	.567	3.5
12	MP GAMMA1	Y	.38	3.5
13	MP ALPHA4	Y	.095	3.5
14	MP BETA4	Y	.071	3.5

Member Point Loads (BLC 17 : Ice Wind Load (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.044	3.5
2	MP ALPHA2	Y	.069	3.5
3	MP ALPHA3	Y	.093	3.5
4	MP ALPHA5	Y	.044	3.5
5	MP BETA1	Y	.042	3.5
6	MP BETA2	Y	.069	3.5
7	MP BETA3	Y	.064	3.5
8	MP BETA5	Y	.04	3.5
9	MP GAMMA5	Y	.049	3.5
10	MP GAMMA3	Y	.083	3.5
11	MP GAMMA2	Y	.07	3.5
12	MP GAMMA1	Y	.05	3.5
13	MP ALPHA4	Y	.013	3.5
14	MP BETA4	Y	.01	3.5

Member Point Loads (BLC 18 : Wind Load (210))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.302	3.5
2	MP ALPHA2	Y	.482	3.5
3	MP ALPHA3	Y	.634	3.5
4	MP ALPHA5	Y	.302	3.5
5	MP BETA1	Y	.281	3.5
6	MP BETA2	Y	.465	3.5
7	MP BETA3	Y	.432	3.5
8	MP BETA5	Y	.27	3.5
9	MP GAMMA5	Y	.337	3.5
10	MP GAMMA3	Y	.637	3.5
11	MP GAMMA2	Y	.521	3.5
12	MP GAMMA1	Y	.337	3.5
13	MP ALPHA4	Y	.073	3.5
14	MP BETA4	Y	.055	3.5
15	MP ALPHA1	X	.174	3.5
16	MP ALPHA2	X	.278	3.5
17	MP ALPHA3	X	.366	3.5
18	MP ALPHA5	X	.174	3.5
19	MP BETA1	X	.162	3.5
20	MP BETA2	X	.269	3.5
21	MP BETA3	X	.249	3.5
22	MP BETA5	X	.156	3.5
23	MP GAMMA5	X	.195	3.5
24	MP GAMMA3	X	.368	3.5
25	MP GAMMA2	X	.301	3.5
26	MP GAMMA1	X	.195	3.5
27	MP ALPHA4	X	.042	3.5
28	MP BETA4	X	.032	3.5

Member Point Loads (BLC 19 : Ice Wind Load (210))

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

Member Point Loads (BLC 19 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.037	3.5
2	MP ALPHA2	Y	.058	3.5
3	MP ALPHA3	Y	.077	3.5
4	MP ALPHA5	Y	.037	3.5
5	MP BETA1	Y	.036	3.5
6	MP BETA2	Y	.058	3.5
7	MP BETA3	Y	.054	3.5
8	MP BETA5	Y	.034	3.5
9	MP GAMMA5	Y	.042	3.5
10	MP GAMMA3	Y	.078	3.5
11	MP GAMMA2	Y	.063	3.5
12	MP GAMMA1	Y	.043	3.5
13	MP ALPHA4	Y	.01	3.5
14	MP BETA4	Y	.008	3.5
15	MP ALPHA1	X	.022	3.5
16	MP ALPHA2	X	.033	3.5
17	MP ALPHA3	X	.044	3.5
18	MP ALPHA5	X	.022	3.5
19	MP BETA1	X	.021	3.5
20	MP BETA2	X	.034	3.5
21	MP BETA3	X	.031	3.5
22	MP BETA5	X	.02	3.5
23	MP GAMMA5	X	.024	3.5
24	MP GAMMA3	X	.045	3.5
25	MP GAMMA2	X	.036	3.5
26	MP GAMMA1	X	.025	3.5
27	MP ALPHA4	X	.006	3.5
28	MP BETA4	X	.005	3.5

Member Point Loads (BLC 20 : Wind Load (240))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.166	3.5
2	MP ALPHA2	Y	.255	3.5
3	MP ALPHA3	Y	.326	3.5
4	MP ALPHA5	Y	.166	3.5
5	MP BETA1	Y	.166	3.5
6	MP BETA2	Y	.279	3.5
7	MP BETA3	Y	.26	3.5
8	MP BETA5	Y	.161	3.5
9	MP GAMMA5	Y	.197	3.5
10	MP GAMMA3	Y	.386	3.5
11	MP GAMMA2	Y	.309	3.5
12	MP GAMMA1	Y	.197	3.5
13	MP ALPHA4	Y	.031	3.5
14	MP BETA4	Y	.036	3.5
15	MP ALPHA1	X	.288	3.5
16	MP ALPHA2	X	.441	3.5
17	MP ALPHA3	X	.566	3.5
18	MP ALPHA5	X	.288	3.5
19	MP BETA1	X	.288	3.5
20	MP BETA2	X	.483	3.5
21	MP BETA3	X	.45	3.5
22	MP BETA5	X	.28	3.5
23	MP GAMMA5	X	.341	3.5
24	MP GAMMA3	X	.669	3.5
25	MP GAMMA2	X	.536	3.5

Member Point Loads (BLC 20 : Wind Load (240)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP GAMMA1	X	.341	3.5
27	MP ALPHA4	X	.054	3.5
28	MP BETA4	X	.062	3.5

Member Point Loads (BLC 21 : Ice Wind Load (240))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.021	3.5
2	MP ALPHA2	Y	.031	3.5
3	MP ALPHA3	Y	.04	3.5
4	MP ALPHA5	Y	.021	3.5
5	MP BETA1	Y	.021	3.5
6	MP BETA2	Y	.034	3.5
7	MP BETA3	Y	.032	3.5
8	MP BETA5	Y	.02	3.5
9	MP GAMMA5	Y	.024	3.5
10	MP GAMMA3	Y	.046	3.5
11	MP GAMMA2	Y	.037	3.5
12	MP GAMMA1	Y	.024	3.5
13	MP ALPHA4	Y	.005	3.5
14	MP BETA4	Y	.005	3.5
15	MP ALPHA1	X	.037	3.5
16	MP ALPHA2	X	.054	3.5
17	MP ALPHA3	X	.07	3.5
18	MP ALPHA5	X	.037	3.5
19	MP BETA1	X	.037	3.5
20	MP BETA2	X	.06	3.5
21	MP BETA3	X	.055	3.5
22	MP BETA5	X	.035	3.5
23	MP GAMMA5	X	.042	3.5
24	MP GAMMA3	X	.081	3.5
25	MP GAMMA2	X	.064	3.5
26	MP GAMMA1	X	.042	3.5
27	MP ALPHA4	X	.008	3.5
28	MP BETA4	X	.009	3.5

Member Point Loads (BLC 22 : Wind Load (270))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.325	3.5
2	MP ALPHA2	X	.486	3.5
3	MP ALPHA3	X	.613	3.5
4	MP ALPHA5	X	.325	3.5
5	MP BETA1	X	.348	3.5
6	MP BETA2	X	.598	3.5
7	MP BETA3	X	.56	3.5
8	MP BETA5	X	.345	3.5
9	MP GAMMA5	X	.389	3.5
10	MP GAMMA3	X	.736	3.5
11	MP GAMMA2	X	.601	3.5
12	MP GAMMA1	X	.389	3.5
13	MP ALPHA4	X	.051	3.5
14	MP BETA4	X	.087	3.5

Member Point Loads (BLC 23 : Ice Wind Load (270))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.042	3.5

Member Point Loads (BLC 23 : Ice Wind Load (270)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
2	MP ALPHA2	X	.059	3.5
3	MP ALPHA3	X	.076	3.5
4	MP ALPHA5	X	.042	3.5
5	MP BETA1	X	.043	3.5
6	MP BETA2	X	.072	3.5
7	MP BETA3	X	.067	3.5
8	MP BETA5	X	.043	3.5
9	MP GAMMA5	X	.049	3.5
10	MP GAMMA3	X	.09	3.5
11	MP GAMMA2	X	.073	3.5
12	MP GAMMA1	X	.049	3.5
13	MP ALPHA4	X	.008	3.5
14	MP BETA4	X	.012	3.5

Member Point Loads (BLC 24 : Wind Load (300))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.166	3.5
2	MP ALPHA2	Y	-.255	3.5
3	MP ALPHA3	Y	-.326	3.5
4	MP ALPHA5	Y	-.166	3.5
5	MP BETA1	Y	-.178	3.5
6	MP BETA2	Y	-.309	3.5
7	MP BETA3	Y	-.29	3.5
8	MP BETA5	Y	-.178	3.5
9	MP GAMMA5	Y	-.19	3.5
10	MP GAMMA3	Y	-.331	3.5
11	MP GAMMA2	Y	-.283	3.5
12	MP GAMMA1	Y	-.19	3.5
13	MP ALPHA4	Y	-.031	3.5
14	MP BETA4	Y	-.047	3.5
15	MP ALPHA1	X	.288	3.5
16	MP ALPHA2	X	.441	3.5
17	MP ALPHA3	X	.566	3.5
18	MP ALPHA5	X	.288	3.5
19	MP BETA1	X	.308	3.5
20	MP BETA2	X	.536	3.5
21	MP BETA3	X	.503	3.5
22	MP BETA5	X	.308	3.5
23	MP GAMMA5	X	.329	3.5
24	MP GAMMA3	X	.574	3.5
25	MP GAMMA2	X	.491	3.5
26	MP GAMMA1	X	.329	3.5
27	MP ALPHA4	X	.054	3.5
28	MP BETA4	X	.082	3.5

Member Point Loads (BLC 25 : Ice Wind Load (300))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.021	3.5
2	MP ALPHA2	Y	-.031	3.5
3	MP ALPHA3	Y	-.04	3.5
4	MP ALPHA5	Y	-.021	3.5
5	MP BETA1	Y	-.022	3.5
6	MP BETA2	Y	-.037	3.5
7	MP BETA3	Y	-.034	3.5
8	MP BETA5	Y	-.022	3.5
9	MP GAMMA5	Y	-.024	3.5

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

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
10	MP GAMMA3	Y	-.041	3.5
11	MP GAMMA2	Y	-.035	3.5
12	MP GAMMA1	Y	-.025	3.5
13	MP ALPHA4	Y	-.005	3.5
14	MP BETA4	Y	-.006	3.5
15	MP ALPHA1	X	.037	3.5
16	MP ALPHA2	X	.054	3.5
17	MP ALPHA3	X	.07	3.5
18	MP ALPHA5	X	.037	3.5
19	MP BETA1	X	.038	3.5
20	MP BETA2	X	.064	3.5
21	MP BETA3	X	.06	3.5
22	MP BETA5	X	.038	3.5
23	MP GAMMA5	X	.042	3.5
24	MP GAMMA3	X	.072	3.5
25	MP GAMMA2	X	.061	3.5
26	MP GAMMA1	X	.043	3.5
27	MP ALPHA4	X	.008	3.5
28	MP BETA4	X	.011	3.5

Member Point Loads (BLC 26 : Wind Load (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.302	3.5
2	MP ALPHA2	Y	-.482	3.5
3	MP ALPHA3	Y	-.634	3.5
4	MP ALPHA5	Y	-.302	3.5
5	MP BETA1	Y	-.302	3.5
6	MP BETA2	Y	-.518	3.5
7	MP BETA3	Y	-.485	3.5
8	MP BETA5	Y	-.299	3.5
9	MP GAMMA5	Y	-.325	3.5
10	MP GAMMA3	Y	-.542	3.5
11	MP GAMMA2	Y	-.476	3.5
12	MP GAMMA1	Y	-.325	3.5
13	MP ALPHA4	Y	-.073	3.5
14	MP BETA4	Y	-.075	3.5
15	MP ALPHA1	X	.174	3.5
16	MP ALPHA2	X	.278	3.5
17	MP ALPHA3	X	.366	3.5
18	MP ALPHA5	X	.174	3.5
19	MP BETA1	X	.174	3.5
20	MP BETA2	X	.299	3.5
21	MP BETA3	X	.28	3.5
22	MP BETA5	X	.172	3.5
23	MP GAMMA5	X	.188	3.5
24	MP GAMMA3	X	.313	3.5
25	MP GAMMA2	X	.275	3.5
26	MP GAMMA1	X	.188	3.5
27	MP ALPHA4	X	.042	3.5
28	MP BETA4	X	.043	3.5

Member Point Loads (BLC 27 : Ice Wind Load (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.037	3.5
2	MP ALPHA2	Y	-.058	3.5
3	MP ALPHA3	Y	-.077	3.5

Member Point Loads (BLC 27 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
4	MP ALPHA5	Y	-.037	3.5
5	MP BETA1	Y	-.037	3.5
6	MP BETA2	Y	-.063	3.5
7	MP BETA3	Y	-.058	3.5
8	MP BETA5	Y	-.037	3.5
9	MP GAMMA5	Y	-.042	3.5
10	MP GAMMA3	Y	-.069	3.5
11	MP GAMMA2	Y	-.059	3.5
12	MP GAMMA1	Y	-.043	3.5
13	MP ALPHA4	Y	-.01	3.5
14	MP BETA4	Y	-.01	3.5
15	MP ALPHA1	X	.022	3.5
16	MP ALPHA2	X	.033	3.5
17	MP ALPHA3	X	.044	3.5
18	MP ALPHA5	X	.022	3.5
19	MP BETA1	X	.022	3.5
20	MP BETA2	X	.036	3.5
21	MP BETA3	X	.034	3.5
22	MP BETA5	X	.021	3.5
23	MP GAMMA5	X	.024	3.5
24	MP GAMMA3	X	.04	3.5
25	MP GAMMA2	X	.034	3.5
26	MP GAMMA1	X	.025	3.5
27	MP ALPHA4	X	.006	3.5
28	MP BETA4	X	.006	3.5

Member Point Loads (BLC 28 : Maintanence (0))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.022	3.5
2	MP ALPHA2	Y	-.036	3.5
3	MP ALPHA3	Y	-.048	3.5
4	MP ALPHA5	Y	-.022	3.5
5	MP BETA1	Y	-.021	3.5
6	MP BETA2	Y	-.035	3.5
7	MP BETA3	Y	-.032	3.5
8	MP BETA5	Y	-.02	3.5
9	MP GAMMA5	Y	-.024	3.5
10	MP GAMMA3	Y	-.041	3.5
11	MP GAMMA2	Y	-.035	3.5
12	MP GAMMA1	Y	-.024	3.5
13	MP ALPHA4	Y	-.006	3.5
14	MP BETA4	Y	-.004	3.5

Member Point Loads (BLC 29 : Maintanence (30))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.019	3.5
2	MP ALPHA2	Y	-.03	3.5
3	MP ALPHA3	Y	-.04	3.5
4	MP ALPHA5	Y	-.019	3.5
5	MP BETA1	Y	-.018	3.5
6	MP BETA2	Y	-.029	3.5
7	MP BETA3	Y	-.027	3.5
8	MP BETA5	Y	-.017	3.5
9	MP GAMMA5	Y	-.021	3.5
10	MP GAMMA3	Y	-.04	3.5
11	MP GAMMA2	Y	-.033	3.5

Member Point Loads (BLC 29 : Maintanence (30)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
12	MP GAMMA1	Y	-.021	3.5
13	MP ALPHA4	Y	-.005	3.5
14	MP BETA4	Y	-.003	3.5
15	MP ALPHA1	X	-.011	3.5
16	MP ALPHA2	X	-.017	3.5
17	MP ALPHA3	X	-.023	3.5
18	MP ALPHA5	X	-.011	3.5
19	MP BETA1	X	-.01	3.5
20	MP BETA2	X	-.017	3.5
21	MP BETA3	X	-.016	3.5
22	MP BETA5	X	-.01	3.5
23	MP GAMMA5	X	-.012	3.5
24	MP GAMMA3	X	-.023	3.5
25	MP GAMMA2	X	-.019	3.5
26	MP GAMMA1	X	-.012	3.5
27	MP ALPHA4	X	-.003	3.5
28	MP BETA4	X	-.002	3.5

Member Point Loads (BLC 30 : Maintanence (60))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.01	3.5
2	MP ALPHA2	Y	-.016	3.5
3	MP ALPHA3	Y	-.02	3.5
4	MP ALPHA5	Y	-.01	3.5
5	MP BETA1	Y	-.01	3.5
6	MP BETA2	Y	-.017	3.5
7	MP BETA3	Y	-.016	3.5
8	MP BETA5	Y	-.01	3.5
9	MP GAMMA5	Y	-.012	3.5
10	MP GAMMA3	Y	-.024	3.5
11	MP GAMMA2	Y	-.019	3.5
12	MP GAMMA1	Y	-.012	3.5
13	MP ALPHA4	Y	-.002	3.5
14	MP BETA4	Y	-.002	3.5
15	MP ALPHA1	X	-.018	3.5
16	MP ALPHA2	X	-.028	3.5
17	MP ALPHA3	X	-.035	3.5
18	MP ALPHA5	X	-.018	3.5
19	MP BETA1	X	-.018	3.5
20	MP BETA2	X	-.03	3.5
21	MP BETA3	X	-.028	3.5
22	MP BETA5	X	-.017	3.5
23	MP GAMMA5	X	-.021	3.5
24	MP GAMMA3	X	-.042	3.5
25	MP GAMMA2	X	-.033	3.5
26	MP GAMMA1	X	-.021	3.5
27	MP ALPHA4	X	-.003	3.5
28	MP BETA4	X	-.004	3.5

Member Point Loads (BLC 31 : Maintanence (90))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	-.02	3.5
2	MP ALPHA2	X	-.03	3.5
3	MP ALPHA3	X	-.038	3.5
4	MP ALPHA5	X	-.02	3.5
5	MP BETA1	X	-.022	3.5

Member Point Loads (BLC 31 : Maintanence (90)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
6	MP BETA2	X	-.037	3.5
7	MP BETA3	X	-.035	3.5
8	MP BETA5	X	-.022	3.5
9	MP GAMMA5	X	-.024	3.5
10	MP GAMMA3	X	-.046	3.5
11	MP GAMMA2	X	-.038	3.5
12	MP GAMMA1	X	-.024	3.5
13	MP ALPHA4	X	-.003	3.5
14	MP BETA4	X	-.005	3.5

Member Point Loads (BLC 32 : Maintanence (120))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.01	3.5
2	MP ALPHA2	Y	.016	3.5
3	MP ALPHA3	Y	.02	3.5
4	MP ALPHA5	Y	.01	3.5
5	MP BETA1	Y	.011	3.5
6	MP BETA2	Y	.019	3.5
7	MP BETA3	Y	.018	3.5
8	MP BETA5	Y	.011	3.5
9	MP GAMMA5	Y	.012	3.5
10	MP GAMMA3	Y	.021	3.5
11	MP GAMMA2	Y	.018	3.5
12	MP GAMMA1	Y	.012	3.5
13	MP ALPHA4	Y	.002	3.5
14	MP BETA4	Y	.003	3.5
15	MP ALPHA1	X	-.018	3.5
16	MP ALPHA2	X	-.028	3.5
17	MP ALPHA3	X	-.035	3.5
18	MP ALPHA5	X	-.018	3.5
19	MP BETA1	X	-.019	3.5
20	MP BETA2	X	-.033	3.5
21	MP BETA3	X	-.031	3.5
22	MP BETA5	X	-.019	3.5
23	MP GAMMA5	X	-.021	3.5
24	MP GAMMA3	X	-.036	3.5
25	MP GAMMA2	X	-.031	3.5
26	MP GAMMA1	X	-.021	3.5
27	MP ALPHA4	X	-.003	3.5
28	MP BETA4	X	-.005	3.5

Member Point Loads (BLC 33 : Maintanence (150))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.019	3.5
2	MP ALPHA2	Y	.03	3.5
3	MP ALPHA3	Y	.04	3.5
4	MP ALPHA5	Y	.019	3.5
5	MP BETA1	Y	.019	3.5
6	MP BETA2	Y	.032	3.5
7	MP BETA3	Y	.03	3.5
8	MP BETA5	Y	.019	3.5
9	MP GAMMA5	Y	.02	3.5
10	MP GAMMA3	Y	.034	3.5
11	MP GAMMA2	Y	.03	3.5
12	MP GAMMA1	Y	.02	3.5
13	MP ALPHA4	Y	.005	3.5

Member Point Loads (BLC 33 : Maintanence (150)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
14	MP BETA4	Y	.005	3.5
15	MP ALPHA1	X	-.011	3.5
16	MP ALPHA2	X	-.017	3.5
17	MP ALPHA3	X	-.023	3.5
18	MP ALPHA5	X	-.011	3.5
19	MP BETA1	X	-.011	3.5
20	MP BETA2	X	-.019	3.5
21	MP BETA3	X	-.018	3.5
22	MP BETA5	X	-.011	3.5
23	MP GAMMA5	X	-.012	3.5
24	MP GAMMA3	X	-.02	3.5
25	MP GAMMA2	X	-.017	3.5
26	MP GAMMA1	X	-.012	3.5
27	MP ALPHA4	X	-.003	3.5
28	MP BETA4	X	-.003	3.5

Member Point Loads (BLC 34 : Maintanence (180))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.022	3.5
2	MP ALPHA2	Y	.036	3.5
3	MP ALPHA3	Y	.048	3.5
4	MP ALPHA5	Y	.022	3.5
5	MP BETA1	Y	.021	3.5
6	MP BETA2	Y	.035	3.5
7	MP BETA3	Y	.032	3.5
8	MP BETA5	Y	.02	3.5
9	MP GAMMA5	Y	.024	3.5
10	MP GAMMA3	Y	.041	3.5
11	MP GAMMA2	Y	.035	3.5
12	MP GAMMA1	Y	.024	3.5
13	MP ALPHA4	Y	.006	3.5
14	MP BETA4	Y	.004	3.5

Member Point Loads (BLC 35 : Maintanence (210))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.019	3.5
2	MP ALPHA2	Y	.03	3.5
3	MP ALPHA3	Y	.04	3.5
4	MP ALPHA5	Y	.019	3.5
5	MP BETA1	Y	.018	3.5
6	MP BETA2	Y	.029	3.5
7	MP BETA3	Y	.027	3.5
8	MP BETA5	Y	.017	3.5
9	MP GAMMA5	Y	.021	3.5
10	MP GAMMA3	Y	.04	3.5
11	MP GAMMA2	Y	.033	3.5
12	MP GAMMA1	Y	.021	3.5
13	MP ALPHA4	Y	.005	3.5
14	MP BETA4	Y	.003	3.5
15	MP ALPHA1	X	.011	3.5
16	MP ALPHA2	X	.017	3.5
17	MP ALPHA3	X	.023	3.5
18	MP ALPHA5	X	.011	3.5
19	MP BETA1	X	.01	3.5
20	MP BETA2	X	.017	3.5
21	MP BETA3	X	.016	3.5

Member Point Loads (BLC 35 : Maintanence (210)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
22	MP BETA5	X	.01	3.5
23	MP GAMMA5	X	.012	3.5
24	MP GAMMA3	X	.023	3.5
25	MP GAMMA2	X	.019	3.5
26	MP GAMMA1	X	.012	3.5
27	MP ALPHA4	X	.003	3.5
28	MP BETA4	X	.002	3.5

Member Point Loads (BLC 36 : Maintanence (240))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	.01	3.5
2	MP ALPHA2	Y	.016	3.5
3	MP ALPHA3	Y	.02	3.5
4	MP ALPHA5	Y	.01	3.5
5	MP BETA1	Y	.01	3.5
6	MP BETA2	Y	.017	3.5
7	MP BETA3	Y	.016	3.5
8	MP BETA5	Y	.01	3.5
9	MP GAMMA5	Y	.012	3.5
10	MP GAMMA3	Y	.024	3.5
11	MP GAMMA2	Y	.019	3.5
12	MP GAMMA1	Y	.012	3.5
13	MP ALPHA4	Y	.002	3.5
14	MP BETA4	Y	.002	3.5
15	MP ALPHA1	X	.018	3.5
16	MP ALPHA2	X	.028	3.5
17	MP ALPHA3	X	.035	3.5
18	MP ALPHA5	X	.018	3.5
19	MP BETA1	X	.018	3.5
20	MP BETA2	X	.03	3.5
21	MP BETA3	X	.028	3.5
22	MP BETA5	X	.017	3.5
23	MP GAMMA5	X	.021	3.5
24	MP GAMMA3	X	.042	3.5
25	MP GAMMA2	X	.033	3.5
26	MP GAMMA1	X	.021	3.5
27	MP ALPHA4	X	.003	3.5
28	MP BETA4	X	.004	3.5

Member Point Loads (BLC 37 : Maintanence (270))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	X	.02	3.5
2	MP ALPHA2	X	.03	3.5
3	MP ALPHA3	X	.038	3.5
4	MP ALPHA5	X	.02	3.5
5	MP BETA1	X	.022	3.5
6	MP BETA2	X	.037	3.5
7	MP BETA3	X	.035	3.5
8	MP BETA5	X	.022	3.5
9	MP GAMMA5	X	.024	3.5
10	MP GAMMA3	X	.046	3.5
11	MP GAMMA2	X	.038	3.5
12	MP GAMMA1	X	.024	3.5
13	MP ALPHA4	X	.003	3.5
14	MP BETA4	X	.005	3.5

Member Point Loads (BLC 38 : Maintanence (300))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.01	3.5
2	MP ALPHA2	Y	-.016	3.5
3	MP ALPHA3	Y	-.02	3.5
4	MP ALPHA5	Y	-.01	3.5
5	MP BETA1	Y	-.011	3.5
6	MP BETA2	Y	-.019	3.5
7	MP BETA3	Y	-.018	3.5
8	MP BETA5	Y	-.011	3.5
9	MP GAMMA5	Y	-.012	3.5
10	MP GAMMA3	Y	-.021	3.5
11	MP GAMMA2	Y	-.018	3.5
12	MP GAMMA1	Y	-.012	3.5
13	MP ALPHA4	Y	-.002	3.5
14	MP BETA4	Y	-.003	3.5
15	MP ALPHA1	X	.018	3.5
16	MP ALPHA2	X	.028	3.5
17	MP ALPHA3	X	.035	3.5
18	MP ALPHA5	X	.018	3.5
19	MP BETA1	X	.019	3.5
20	MP BETA2	X	.033	3.5
21	MP BETA3	X	.031	3.5
22	MP BETA5	X	.019	3.5
23	MP GAMMA5	X	.021	3.5
24	MP GAMMA3	X	.036	3.5
25	MP GAMMA2	X	.031	3.5
26	MP GAMMA1	X	.021	3.5
27	MP ALPHA4	X	.003	3.5
28	MP BETA4	X	.005	3.5

Member Point Loads (BLC 39 : Maintanence (330))

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
1	MP ALPHA1	Y	-.019	3.5
2	MP ALPHA2	Y	-.03	3.5
3	MP ALPHA3	Y	-.04	3.5
4	MP ALPHA5	Y	-.019	3.5
5	MP BETA1	Y	-.019	3.5
6	MP BETA2	Y	-.032	3.5
7	MP BETA3	Y	-.03	3.5
8	MP BETA5	Y	-.019	3.5
9	MP GAMMA5	Y	-.02	3.5
10	MP GAMMA3	Y	-.034	3.5
11	MP GAMMA2	Y	-.03	3.5
12	MP GAMMA1	Y	-.02	3.5
13	MP ALPHA4	Y	-.005	3.5
14	MP BETA4	Y	-.005	3.5
15	MP ALPHA1	X	.011	3.5
16	MP ALPHA2	X	.017	3.5
17	MP ALPHA3	X	.023	3.5
18	MP ALPHA5	X	.011	3.5
19	MP BETA1	X	.011	3.5
20	MP BETA2	X	.019	3.5
21	MP BETA3	X	.018	3.5
22	MP BETA5	X	.011	3.5
23	MP GAMMA5	X	.012	3.5
24	MP GAMMA3	X	.02	3.5
25	MP GAMMA2	X	.017	3.5

Member Point Loads (BLC 39 : Maintanence (330)) (Continued)

	Member Label	Direction	Magnitude[k,k-ft]	Location[ft,%]
26	MP GAMMA1	X	.012	3.5
27	MP ALPHA4	X	.003	3.5
28	MP BETA4	X	.003	3.5

Member Distributed Loads (BLC 1 : Wind Load (0))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.005	-.005	0	0
2	Standoff5	Y	-.005	-.005	0	0
3	Standoff4	Y	-.005	-.005	0	0
4	Standoff3	Y	-.005	-.005	0	0
5	Standoff2	Y	-.005	-.005	0	0
6	Standoff1	Y	-.005	-.005	0	0
7	SUPPORT2	Y	-.013	-.013	0	0
8	SUPPORT1	Y	-.013	-.013	0	0
9	Rail3	Y	-.004	-.004	0	0
10	Rail2	Y	-.013	-.013	0	0
11	Rail1	Y	-.013	-.013	0	0
12	RUNG6	Y	-.001	-.001	0	0
13	RUNG5	Y	-.001	-.001	0	0
14	RUNG4	Y	-.001	-.001	0	0
15	RUNG3	Y	-.001	-.001	0	0
16	RUNG2	Y	-.001	-.001	0	0
17	RUNG1	Y	-.001	-.001	0	0
18	PLATE3	Y	-.001	-.001	0	0
19	PLATE2	Y	-.001	-.001	0	0
20	PLATE1	Y	-.001	-.001	0	0
21	MP GAMMA6	Y	-.012	-.012	0	0
22	MP GAMMA5	Y	-.012	-.012	0	0
23	MP GAMMA4	Y	-.012	-.012	0	0
24	MP GAMMA3	Y	-.012	-.012	0	0
25	MP GAMMA2	Y	-.012	-.012	0	0
26	MP GAMMA1	Y	-.012	-.012	0	0
27	MP BETA6	Y	-.012	-.012	0	0
28	MP BETA5	Y	-.012	-.012	0	0
29	MP BETA4	Y	-.012	-.012	0	0
30	MP BETA3	Y	-.012	-.012	0	0
31	MP BETA2	Y	-.012	-.012	0	0
32	MP BETA1	Y	-.012	-.012	0	0
33	MP ALPHA8	Y	-.012	-.012	0	0
34	MP ALPHA7	Y	-.012	-.012	0	0
35	MP ALPHA6	Y	-.012	-.012	0	0
36	MP ALPHA5	Y	-.012	-.012	0	0
37	MP ALPHA4	Y	-.012	-.012	0	0
38	MP ALPHA3	Y	-.012	-.012	0	0
39	MP ALPHA2	Y	-.012	-.012	0	0
40	MP ALPHA1	Y	-.012	-.012	0	0
41	LADDER2	Y	-.004	-.004	0	0
42	LADDER1	Y	-.004	-.004	0	0
43	FACE3	Y	-.01	-.01	0	0
44	FACE2	Y	-.01	-.01	0	0
45	FACE1	Y	-.01	-.01	0	0
46	CORNER3	Y	-.013	-.013	0	0
47	CORNER2	Y	-.013	-.013	0	0
48	CORNER1	Y	-.013	-.013	0	0
49	M95	Y	-.013	-.013	0	0

Member Distributed Loads (BLC 1 : Wind Load (0)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
50	M96	Y	-.013	-.013	0	0
51	M103	Y	-.004	-.004	0	0
52	M104	Y	-.013	-.013	0	0
53	M105	Y	-.013	-.013	0	0
54	M106	Y	-.001	-.001	0	0
55	M107	Y	-.001	-.001	0	0
56	M108	Y	-.001	-.001	0	0

Member Distributed Loads (BLC 4 : Ice Wind Load (0))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.003	-.003	0	0
2	Standoff5	Y	-.003	-.003	0	0
3	Standoff4	Y	-.003	-.003	0	0
4	Standoff3	Y	-.003	-.003	0	0
5	Standoff2	Y	-.003	-.003	0	0
6	Standoff1	Y	-.003	-.003	0	0
7	SUPPORT2	Y	-.005	-.005	0	0
8	SUPPORT1	Y	-.005	-.005	0	0
9	Rail3	Y	-.002	-.002	0	0
10	Rail2	Y	-.006	-.006	0	0
11	Rail1	Y	-.006	-.006	0	0
12	RUNG6	Y	-.001	-.001	0	0
13	RUNG5	Y	-.001	-.001	0	0
14	RUNG4	Y	-.001	-.001	0	0
15	RUNG3	Y	-.001	-.001	0	0
16	RUNG2	Y	-.001	-.001	0	0
17	RUNG1	Y	-.001	-.001	0	0
18	PLATE3	Y	-.002	-.002	0	0
19	PLATE2	Y	-.002	-.002	0	0
20	PLATE1	Y	-.002	-.002	0	0
21	MP GAMMA6	Y	-.004	-.004	0	0
22	MP GAMMA5	Y	-.004	-.004	0	0
23	MP GAMMA4	Y	-.004	-.004	0	0
24	MP GAMMA3	Y	-.004	-.004	0	0
25	MP GAMMA2	Y	-.004	-.004	0	0
26	MP GAMMA1	Y	-.004	-.004	0	0
27	MP BETA6	Y	-.004	-.004	0	0
28	MP BETA5	Y	-.004	-.004	0	0
29	MP BETA4	Y	-.004	-.004	0	0
30	MP BETA3	Y	-.004	-.004	0	0
31	MP BETA2	Y	-.004	-.004	0	0
32	MP BETA1	Y	-.004	-.004	0	0
33	MP ALPHA8	Y	-.004	-.004	0	0
34	MP ALPHA7	Y	-.004	-.004	0	0
35	MP ALPHA6	Y	-.004	-.004	0	0
36	MP ALPHA5	Y	-.004	-.004	0	0
37	MP ALPHA4	Y	-.004	-.004	0	0
38	MP ALPHA3	Y	-.004	-.004	0	0
39	MP ALPHA2	Y	-.004	-.004	0	0
40	MP ALPHA1	Y	-.004	-.004	0	0
41	LADDER2	Y	-.003	-.003	0	0
42	LADDER1	Y	-.003	-.003	0	0
43	FACE3	Y	-.005	-.005	0	0
44	FACE2	Y	-.009	-.009	0	0
45	FACE1	Y	-.009	-.009	0	0
46	CORNER3	Y	-.005	-.005	0	0

Member Distributed Loads (BLC 4 : Ice Wind Load (0)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	CORNER2	Y	-.005	-.005	0	0
48	CORNER1	Y	-.005	-.005	0	0
49	M95	Y	-.005	-.005	0	0
50	M96	Y	-.005	-.005	0	0
51	M103	Y	-.002	-.002	0	0
52	M104	Y	-.006	-.006	0	0
53	M105	Y	-.006	-.006	0	0
54	M106	Y	-.002	-.002	0	0
55	M107	Y	-.002	-.002	0	0
56	M108	Y	-.002	-.002	0	0

Member Distributed Loads (BLC 5 : Ice Dead Load)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	CORNER1	Z	-.025	-.025	0	0
2	CORNER2	Z	-.025	-.025	0	0
3	CORNER3	Z	-.025	-.025	0	0
4	FACE1	Z	-.025	-.025	0	0
5	FACE2	Z	-.025	-.025	0	0
6	FACE3	Z	-.025	-.025	0	0
7	LADDER1	Z	-.015	-.015	0	0
8	LADDER2	Z	-.015	-.015	0	0
9	MP ALPHA1	Z	-.014	-.014	0	0
10	MP ALPHA2	Z	-.014	-.014	0	0
11	MP ALPHA3	Z	-.014	-.014	0	0
12	MP ALPHA4	Z	-.014	-.014	0	0
13	MP ALPHA5	Z	-.014	-.014	0	0
14	MP ALPHA6	Z	-.014	-.014	0	0
15	MP BETA1	Z	-.014	-.014	0	0
16	MP BETA2	Z	-.014	-.014	0	0
17	MP BETA3	Z	-.014	-.014	0	0
18	MP BETA4	Z	-.014	-.014	0	0
19	MP BETA5	Z	-.014	-.014	0	0
20	MP BETA6	Z	-.014	-.014	0	0
21	MP ALPHA7	Z	-.012	-.012	0	0
22	MP GAMMA2	Z	-.014	-.014	0	0
23	MP GAMMA3	Z	-.014	-.014	0	0
24	MP GAMMA4	Z	-.014	-.014	0	0
25	MP GAMMA5	Z	-.014	-.014	0	0
26	MP GAMMA6	Z	-.014	-.014	0	0
27	MP ALPHA8	Z	-.012	-.012	0	0
28	MP GAMMA1	Z	-.014	-.014	0	0
29	RUNG1	Z	-.009	-.009	0	0
30	RUNG2	Z	-.009	-.009	0	0
31	RUNG3	Z	-.009	-.009	0	0
32	RUNG4	Z	-.009	-.009	0	0
33	RUNG5	Z	-.009	-.009	0	0
34	RUNG6	Z	-.009	-.009	0	0
35	SUPPORT1	Z	-.015	-.015	0	0
36	SUPPORT2	Z	-.015	-.015	0	0
37	Standoff1	Z	-.028	-.028	0	0
38	Standoff2	Z	-.028	-.028	0	0
39	Standoff3	Z	-.028	-.028	0	0
40	Standoff4	Z	-.028	-.028	0	0
41	Standoff5	Z	-.028	-.028	0	0
42	Standoff6	Z	-.028	-.028	0	0
43	Rail1	Z	-.025	-.025	0	0

Member Distributed Loads (BLC 5 : Ice Dead Load) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
44	Rail2	Z	-.025	-.025	0	0
45	Rail3	Z	-.025	-.025	0	0
46	M95	Z	-.015	-.015	0	0
47	M96	Z	-.015	-.015	0	0
48	M103	Z	-.025	-.025	0	0
49	M104	Z	-.025	-.025	0	0
50	M105	Z	-.025	-.025	0	0

Member Distributed Loads (BLC 6 : Wind Load (30))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.004	-.004	0	0
2	Standoff5	Y	-.004	-.004	0	0
3	Standoff4	Y	-.004	-.004	0	0
4	Standoff3	Y	-.004	-.004	0	0
5	Standoff2	Y	-.004	-.004	0	0
6	Standoff1	Y	-.004	-.004	0	0
7	SUPPORT2	Y	-.011	-.011	0	0
8	SUPPORT1	Y	-.011	-.011	0	0
9	Rail3	Y	-.003	-.003	0	0
10	Rail2	Y	-.011	-.011	0	0
11	Rail1	Y	-.011	-.011	0	0
12	RUNG6	Y	-.000866	-.000866	0	0
13	RUNG5	Y	-.000866	-.000866	0	0
14	RUNG4	Y	-.000866	-.000866	0	0
15	RUNG3	Y	-.000866	-.000866	0	0
16	RUNG2	Y	-.000866	-.000866	0	0
17	RUNG1	Y	-.000866	-.000866	0	0
18	PLATE3	Y	-.000866	-.000866	0	0
19	PLATE2	Y	-.000866	-.000866	0	0
20	PLATE1	Y	-.000866	-.000866	0	0
21	MP GAMMA6	Y	-.01	-.01	0	0
22	MP GAMMA5	Y	-.01	-.01	0	0
23	MP GAMMA4	Y	-.01	-.01	0	0
24	MP GAMMA3	Y	-.01	-.01	0	0
25	MP GAMMA2	Y	-.01	-.01	0	0
26	MP GAMMA1	Y	-.01	-.01	0	0
27	MP BETA6	Y	-.01	-.01	0	0
28	MP BETA5	Y	-.01	-.01	0	0
29	MP BETA4	Y	-.01	-.01	0	0
30	MP BETA3	Y	-.01	-.01	0	0
31	MP BETA2	Y	-.01	-.01	0	0
32	MP BETA1	Y	-.01	-.01	0	0
33	MP ALPHA8	Y	-.01	-.01	0	0
34	MP ALPHA7	Y	-.01	-.01	0	0
35	MP ALPHA6	Y	-.01	-.01	0	0
36	MP ALPHA5	Y	-.01	-.01	0	0
37	MP ALPHA4	Y	-.01	-.01	0	0
38	MP ALPHA3	Y	-.01	-.01	0	0
39	MP ALPHA2	Y	-.01	-.01	0	0
40	MP ALPHA1	Y	-.01	-.01	0	0
41	LADDER2	Y	-.003	-.003	0	0
42	LADDER1	Y	-.003	-.003	0	0
43	FACE3	Y	-.009	-.009	0	0
44	FACE2	Y	-.009	-.009	0	0
45	FACE1	Y	-.009	-.009	0	0
46	CORNER3	Y	-.011	-.011	0	0

Member Distributed Loads (BLC 6 : Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
47	CORNER2	Y	-.011	-.011	0	0
48	CORNER1	Y	-.011	-.011	0	0
49	Standoff6	X	-.003	-.003	0	0
50	Standoff5	X	-.003	-.003	0	0
51	Standoff4	X	-.003	-.003	0	0
52	Standoff3	X	-.003	-.003	0	0
53	Standoff2	X	-.003	-.003	0	0
54	Standoff1	X	-.003	-.003	0	0
55	SUPPORT2	X	-.006	-.006	0	0
56	SUPPORT1	X	-.006	-.006	0	0
57	Rail3	X	-.002	-.002	0	0
58	Rail2	X	-.006	-.006	0	0
59	Rail1	X	-.006	-.006	0	0
60	RUNG6	X	-.0005	-.0005	0	0
61	RUNG5	X	-.0005	-.0005	0	0
62	RUNG4	X	-.0005	-.0005	0	0
63	RUNG3	X	-.0005	-.0005	0	0
64	RUNG2	X	-.0005	-.0005	0	0
65	RUNG1	X	-.0005	-.0005	0	0
66	PLATE3	X	-.0005	-.0005	0	0
67	PLATE2	X	-.0005	-.0005	0	0
68	PLATE1	X	-.0005	-.0005	0	0
69	MP GAMMA6	X	-.006	-.006	0	0
70	MP GAMMA5	X	-.006	-.006	0	0
71	MP GAMMA4	X	-.006	-.006	0	0
72	MP GAMMA3	X	-.006	-.006	0	0
73	MP GAMMA2	X	-.006	-.006	0	0
74	MP GAMMA1	X	-.006	-.006	0	0
75	MP BETA6	X	-.006	-.006	0	0
76	MP BETA5	X	-.006	-.006	0	0
77	MP BETA4	X	-.006	-.006	0	0
78	MP BETA3	X	-.006	-.006	0	0
79	MP BETA2	X	-.006	-.006	0	0
80	MP BETA1	X	-.006	-.006	0	0
81	MP ALPHA8	X	-.006	-.006	0	0
82	MP ALPHA7	X	-.006	-.006	0	0
83	MP ALPHA6	X	-.006	-.006	0	0
84	MP ALPHA5	X	-.006	-.006	0	0
85	MP ALPHA4	X	-.006	-.006	0	0
86	MP ALPHA3	X	-.006	-.006	0	0
87	MP ALPHA2	X	-.006	-.006	0	0
88	MP ALPHA1	X	-.006	-.006	0	0
89	LADDER2	X	-.002	-.002	0	0
90	LADDER1	X	-.002	-.002	0	0
91	FACE3	X	-.005	-.005	0	0
92	FACE2	X	-.005	-.005	0	0
93	FACE1	X	-.005	-.005	0	0
94	CORNER3	X	-.006	-.006	0	0
95	CORNER2	X	-.006	-.006	0	0
96	CORNER1	X	-.006	-.006	0	0
97	M95	Y	-.011	-.011	0	0
98	M95	X	-.006	-.006	0	0
99	M96	Y	-.011	-.011	0	0
100	M96	X	-.006	-.006	0	0
101	M103	Y	-.003	-.003	0	0
102	M103	X	-.002	-.002	0	0
103	M104	Y	-.011	-.011	0	0

Member Distributed Loads (BLC 6 : Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
104	M104	X	-.006	-.006	0	0
105	M105	Y	-.011	-.011	0	0
106	M105	X	-.006	-.006	0	0
107	M106	Y	-.000866	-.000866	0	0
108	M106	X	-.0005	-.0005	0	0
109	M107	Y	-.000866	-.000866	0	0
110	M107	X	-.0005	-.0005	0	0
111	M108	Y	-.000866	-.000866	0	0
112	M108	X	-.0005	-.0005	0	0

Member Distributed Loads (BLC 7 : Ice Wind Load (30))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.003	-.003	0	0
2	Standoff5	Y	-.003	-.003	0	0
3	Standoff4	Y	-.003	-.003	0	0
4	Standoff3	Y	-.003	-.003	0	0
5	Standoff2	Y	-.003	-.003	0	0
6	Standoff1	Y	-.003	-.003	0	0
7	SUPPORT2	Y	-.004	-.004	0	0
8	SUPPORT1	Y	-.004	-.004	0	0
9	Rail3	Y	-.002	-.002	0	0
10	Rail2	Y	-.005	-.005	0	0
11	Rail1	Y	-.005	-.005	0	0
12	RUNG6	Y	-.000866	-.000866	0	0
13	RUNG5	Y	-.000866	-.000866	0	0
14	RUNG4	Y	-.000866	-.000866	0	0
15	RUNG3	Y	-.000866	-.000866	0	0
16	RUNG2	Y	-.000866	-.000866	0	0
17	RUNG1	Y	-.000866	-.000866	0	0
18	PLATE3	Y	-.002	-.002	0	0
19	PLATE2	Y	-.002	-.002	0	0
20	PLATE1	Y	-.002	-.002	0	0
21	MP GAMMA6	Y	-.003	-.003	0	0
22	MP GAMMA5	Y	-.003	-.003	0	0
23	MP GAMMA4	Y	-.003	-.003	0	0
24	MP GAMMA3	Y	-.003	-.003	0	0
25	MP GAMMA2	Y	-.003	-.003	0	0
26	MP GAMMA1	Y	-.003	-.003	0	0
27	MP BETA6	Y	-.003	-.003	0	0
28	MP BETA5	Y	-.003	-.003	0	0
29	MP BETA4	Y	-.003	-.003	0	0
30	MP BETA3	Y	-.003	-.003	0	0
31	MP BETA2	Y	-.003	-.003	0	0
32	MP BETA1	Y	-.003	-.003	0	0
33	MP ALPHA8	Y	-.003	-.003	0	0
34	MP ALPHA7	Y	-.003	-.003	0	0
35	MP ALPHA6	Y	-.003	-.003	0	0
36	MP ALPHA5	Y	-.003	-.003	0	0
37	MP ALPHA4	Y	-.003	-.003	0	0
38	MP ALPHA3	Y	-.003	-.003	0	0
39	MP ALPHA2	Y	-.003	-.003	0	0
40	MP ALPHA1	Y	-.003	-.003	0	0
41	LADDER2	Y	-.003	-.003	0	0
42	LADDER1	Y	-.003	-.003	0	0
43	FACE3	Y	-.004	-.004	0	0
44	FACE2	Y	-.008	-.008	0	0

Member Distributed Loads (BLC 7 : Ice Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
45	FACE1	Y	-.008	-.008	0	0
46	CORNER3	Y	-.004	-.004	0	0
47	CORNER2	Y	-.004	-.004	0	0
48	CORNER1	Y	-.004	-.004	0	0
49	Standoff6	X	-.002	-.002	0	0
50	Standoff5	X	-.002	-.002	0	0
51	Standoff4	X	-.002	-.002	0	0
52	Standoff3	X	-.002	-.002	0	0
53	Standoff2	X	-.002	-.002	0	0
54	Standoff1	X	-.002	-.002	0	0
55	SUPPORT2	X	-.003	-.003	0	0
56	SUPPORT1	X	-.003	-.003	0	0
57	Rail3	X	-.001	-.001	0	0
58	Rail2	X	-.003	-.003	0	0
59	Rail1	X	-.003	-.003	0	0
60	RUNG6	X	-.0005	-.0005	0	0
61	RUNG5	X	-.0005	-.0005	0	0
62	RUNG4	X	-.0005	-.0005	0	0
63	RUNG3	X	-.0005	-.0005	0	0
64	RUNG2	X	-.0005	-.0005	0	0
65	RUNG1	X	-.0005	-.0005	0	0
66	PLATE3	X	-.001	-.001	0	0
67	PLATE2	X	-.001	-.001	0	0
68	PLATE1	X	-.001	-.001	0	0
69	MP GAMMA6	X	-.002	-.002	0	0
70	MP GAMMA5	X	-.002	-.002	0	0
71	MP GAMMA4	X	-.002	-.002	0	0
72	MP GAMMA3	X	-.002	-.002	0	0
73	MP GAMMA2	X	-.002	-.002	0	0
74	MP GAMMA1	X	-.002	-.002	0	0
75	MP BETA6	X	-.002	-.002	0	0
76	MP BETA5	X	-.002	-.002	0	0
77	MP BETA4	X	-.002	-.002	0	0
78	MP BETA3	X	-.002	-.002	0	0
79	MP BETA2	X	-.002	-.002	0	0
80	MP BETA1	X	-.002	-.002	0	0
81	MP ALPHA8	X	-.002	-.002	0	0
82	MP ALPHA7	X	-.002	-.002	0	0
83	MP ALPHA6	X	-.002	-.002	0	0
84	MP ALPHA5	X	-.002	-.002	0	0
85	MP ALPHA4	X	-.002	-.002	0	0
86	MP ALPHA3	X	-.002	-.002	0	0
87	MP ALPHA2	X	-.002	-.002	0	0
88	MP ALPHA1	X	-.002	-.002	0	0
89	LADDER2	X	-.002	-.002	0	0
90	LADDER1	X	-.002	-.002	0	0
91	FACE3	X	-.003	-.003	0	0
92	FACE2	X	-.004	-.004	0	0
93	FACE1	X	-.004	-.004	0	0
94	CORNER3	X	-.003	-.003	0	0
95	CORNER2	X	-.003	-.003	0	0
96	CORNER1	X	-.003	-.003	0	0
97	M95	Y	-.004	-.004	0	0
98	M95	X	-.003	-.003	0	0
99	M96	Y	-.004	-.004	0	0
100	M96	X	-.003	-.003	0	0
101	M103	Y	-.002	-.002	0	0

Member Distributed Loads (BLC 7 : Ice Wind Load (30)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
102	M103	X	-.001	-.001	0	0
103	M104	Y	-.005	-.005	0	0
104	M104	X	-.003	-.003	0	0
105	M105	Y	-.005	-.005	0	0
106	M105	X	-.003	-.003	0	0
107	M106	Y	-.002	-.002	0	0
108	M106	X	-.001	-.001	0	0
109	M107	Y	-.002	-.002	0	0
110	M107	X	-.001	-.001	0	0
111	M108	Y	-.002	-.002	0	0
112	M108	X	-.001	-.001	0	0

Member Distributed Loads (BLC 8 : Wind Load (60))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.003	-.003	0	0
2	Standoff5	Y	-.003	-.003	0	0
3	Standoff4	Y	-.003	-.003	0	0
4	Standoff3	Y	-.003	-.003	0	0
5	Standoff2	Y	-.003	-.003	0	0
6	Standoff1	Y	-.003	-.003	0	0
7	SUPPORT2	Y	-.006	-.006	0	0
8	SUPPORT1	Y	-.006	-.006	0	0
9	Rail3	Y	-.002	-.002	0	0
10	Rail2	Y	-.006	-.006	0	0
11	Rail1	Y	-.006	-.006	0	0
12	RUNG6	Y	-.0005	-.0005	0	0
13	RUNG5	Y	-.0005	-.0005	0	0
14	RUNG4	Y	-.0005	-.0005	0	0
15	RUNG3	Y	-.0005	-.0005	0	0
16	RUNG2	Y	-.0005	-.0005	0	0
17	RUNG1	Y	-.0005	-.0005	0	0
18	PLATE3	Y	-.0005	-.0005	0	0
19	PLATE2	Y	-.0005	-.0005	0	0
20	PLATE1	Y	-.0005	-.0005	0	0
21	MP GAMMA6	Y	-.006	-.006	0	0
22	MP GAMMA5	Y	-.006	-.006	0	0
23	MP GAMMA4	Y	-.006	-.006	0	0
24	MP GAMMA3	Y	-.006	-.006	0	0
25	MP GAMMA2	Y	-.006	-.006	0	0
26	MP GAMMA1	Y	-.006	-.006	0	0
27	MP BETA6	Y	-.006	-.006	0	0
28	MP BETA5	Y	-.006	-.006	0	0
29	MP BETA4	Y	-.006	-.006	0	0
30	MP BETA3	Y	-.006	-.006	0	0
31	MP BETA2	Y	-.006	-.006	0	0
32	MP BETA1	Y	-.006	-.006	0	0
33	MP ALPHA8	Y	-.006	-.006	0	0
34	MP ALPHA7	Y	-.006	-.006	0	0
35	MP ALPHA6	Y	-.006	-.006	0	0
36	MP ALPHA5	Y	-.006	-.006	0	0
37	MP ALPHA4	Y	-.006	-.006	0	0
38	MP ALPHA3	Y	-.006	-.006	0	0
39	MP ALPHA2	Y	-.006	-.006	0	0
40	MP ALPHA1	Y	-.006	-.006	0	0
41	LADDER2	Y	-.002	-.002	0	0
42	LADDER1	Y	-.002	-.002	0	0

Member Distributed Loads (BLC 8 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
43	FACE3	Y	-.005	-.005	0	0
44	FACE2	Y	-.005	-.005	0	0
45	FACE1	Y	-.005	-.005	0	0
46	CORNER3	Y	-.006	-.006	0	0
47	CORNER2	Y	-.006	-.006	0	0
48	CORNER1	Y	-.006	-.006	0	0
49	Standoff6	X	-.004	-.004	0	0
50	Standoff5	X	-.004	-.004	0	0
51	Standoff4	X	-.004	-.004	0	0
52	Standoff3	X	-.004	-.004	0	0
53	Standoff2	X	-.004	-.004	0	0
54	Standoff1	X	-.004	-.004	0	0
55	SUPPORT2	X	-.011	-.011	0	0
56	SUPPORT1	X	-.011	-.011	0	0
57	Rail3	X	-.003	-.003	0	0
58	Rail2	X	-.011	-.011	0	0
59	Rail1	X	-.011	-.011	0	0
60	RUNG6	X	-.000866	-.000866	0	0
61	RUNG5	X	-.000866	-.000866	0	0
62	RUNG4	X	-.000866	-.000866	0	0
63	RUNG3	X	-.000866	-.000866	0	0
64	RUNG2	X	-.000866	-.000866	0	0
65	RUNG1	X	-.000866	-.000866	0	0
66	PLATE3	X	-.000866	-.000866	0	0
67	PLATE2	X	-.000866	-.000866	0	0
68	PLATE1	X	-.000866	-.000866	0	0
69	MP GAMMA6	X	-.01	-.01	0	0
70	MP GAMMA5	X	-.01	-.01	0	0
71	MP GAMMA4	X	-.01	-.01	0	0
72	MP GAMMA3	X	-.01	-.01	0	0
73	MP GAMMA2	X	-.01	-.01	0	0
74	MP GAMMA1	X	-.01	-.01	0	0
75	MP BETA6	X	-.01	-.01	0	0
76	MP BETA5	X	-.01	-.01	0	0
77	MP BETA4	X	-.01	-.01	0	0
78	MP BETA3	X	-.01	-.01	0	0
79	MP BETA2	X	-.01	-.01	0	0
80	MP BETA1	X	-.01	-.01	0	0
81	MP ALPHA8	X	-.01	-.01	0	0
82	MP ALPHA7	X	-.01	-.01	0	0
83	MP ALPHA6	X	-.01	-.01	0	0
84	MP ALPHA5	X	-.01	-.01	0	0
85	MP ALPHA4	X	-.01	-.01	0	0
86	MP ALPHA3	X	-.01	-.01	0	0
87	MP ALPHA2	X	-.01	-.01	0	0
88	MP ALPHA1	X	-.01	-.01	0	0
89	LADDER2	X	-.003	-.003	0	0
90	LADDER1	X	-.003	-.003	0	0
91	FACE3	X	-.009	-.009	0	0
92	FACE2	X	-.009	-.009	0	0
93	FACE1	X	-.009	-.009	0	0
94	CORNER3	X	-.011	-.011	0	0
95	CORNER2	X	-.011	-.011	0	0
96	CORNER1	X	-.011	-.011	0	0
97	M95	Y	-.006	-.006	0	0
98	M95	X	-.011	-.011	0	0
99	M96	Y	-.006	-.006	0	0

Member Distributed Loads (BLC 8 : Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
100	M96	X	-.011	-.011	0	0
101	M103	Y	-.002	-.002	0	0
102	M103	X	-.003	-.003	0	0
103	M104	Y	-.006	-.006	0	0
104	M104	X	-.011	-.011	0	0
105	M105	Y	-.006	-.006	0	0
106	M105	X	-.011	-.011	0	0
107	M106	Y	-.0005	-.0005	0	0
108	M106	X	-.000866	-.000866	0	0
109	M107	Y	-.0005	-.0005	0	0
110	M107	X	-.000866	-.000866	0	0
111	M108	Y	-.0005	-.0005	0	0
112	M108	X	-.000866	-.000866	0	0

Member Distributed Loads (BLC 9 : Ice Wind Load (60))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.002	-.002	0	0
2	Standoff5	Y	-.002	-.002	0	0
3	Standoff4	Y	-.002	-.002	0	0
4	Standoff3	Y	-.002	-.002	0	0
5	Standoff2	Y	-.002	-.002	0	0
6	Standoff1	Y	-.002	-.002	0	0
7	SUPPORT2	Y	-.003	-.003	0	0
8	SUPPORT1	Y	-.003	-.003	0	0
9	Rail3	Y	-.001	-.001	0	0
10	Rail2	Y	-.003	-.003	0	0
11	Rail1	Y	-.003	-.003	0	0
12	RUNG6	Y	-.0005	-.0005	0	0
13	RUNG5	Y	-.0005	-.0005	0	0
14	RUNG4	Y	-.0005	-.0005	0	0
15	RUNG3	Y	-.0005	-.0005	0	0
16	RUNG2	Y	-.0005	-.0005	0	0
17	RUNG1	Y	-.0005	-.0005	0	0
18	PLATE3	Y	-.001	-.001	0	0
19	PLATE2	Y	-.001	-.001	0	0
20	PLATE1	Y	-.001	-.001	0	0
21	MP GAMMA6	Y	-.002	-.002	0	0
22	MP GAMMA5	Y	-.002	-.002	0	0
23	MP GAMMA4	Y	-.002	-.002	0	0
24	MP GAMMA3	Y	-.002	-.002	0	0
25	MP GAMMA2	Y	-.002	-.002	0	0
26	MP GAMMA1	Y	-.002	-.002	0	0
27	MP BETA6	Y	-.002	-.002	0	0
28	MP BETA5	Y	-.002	-.002	0	0
29	MP BETA4	Y	-.002	-.002	0	0
30	MP BETA3	Y	-.002	-.002	0	0
31	MP BETA2	Y	-.002	-.002	0	0
32	MP BETA1	Y	-.002	-.002	0	0
33	MP ALPHA8	Y	-.002	-.002	0	0
34	MP ALPHA7	Y	-.002	-.002	0	0
35	MP ALPHA6	Y	-.002	-.002	0	0
36	MP ALPHA5	Y	-.002	-.002	0	0
37	MP ALPHA4	Y	-.002	-.002	0	0
38	MP ALPHA3	Y	-.002	-.002	0	0
39	MP ALPHA2	Y	-.002	-.002	0	0
40	MP ALPHA1	Y	-.002	-.002	0	0

Member Distributed Loads (BLC 9 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
41	LADDER2	Y	-.002	-.002	0	0
42	LADDER1	Y	-.002	-.002	0	0
43	FACE3	Y	-.003	-.003	0	0
44	FACE2	Y	-.004	-.004	0	0
45	FACE1	Y	-.004	-.004	0	0
46	CORNER3	Y	-.003	-.003	0	0
47	CORNER2	Y	-.003	-.003	0	0
48	CORNER1	Y	-.003	-.003	0	0
49	Standoff6	X	-.003	-.003	0	0
50	Standoff5	X	-.003	-.003	0	0
51	Standoff4	X	-.003	-.003	0	0
52	Standoff3	X	-.003	-.003	0	0
53	Standoff2	X	-.003	-.003	0	0
54	Standoff1	X	-.003	-.003	0	0
55	SUPPORT2	X	-.004	-.004	0	0
56	SUPPORT1	X	-.004	-.004	0	0
57	Rail3	X	-.002	-.002	0	0
58	Rail2	X	-.005	-.005	0	0
59	Rail1	X	-.005	-.005	0	0
60	RUNG6	X	-.000866	-.000866	0	0
61	RUNG5	X	-.000866	-.000866	0	0
62	RUNG4	X	-.000866	-.000866	0	0
63	RUNG3	X	-.000866	-.000866	0	0
64	RUNG2	X	-.000866	-.000866	0	0
65	RUNG1	X	-.000866	-.000866	0	0
66	PLATE3	X	-.002	-.002	0	0
67	PLATE2	X	-.002	-.002	0	0
68	PLATE1	X	-.002	-.002	0	0
69	MP GAMMA6	X	-.003	-.003	0	0
70	MP GAMMA5	X	-.003	-.003	0	0
71	MP GAMMA4	X	-.003	-.003	0	0
72	MP GAMMA3	X	-.003	-.003	0	0
73	MP GAMMA2	X	-.003	-.003	0	0
74	MP GAMMA1	X	-.003	-.003	0	0
75	MP BETA6	X	-.003	-.003	0	0
76	MP BETA5	X	-.003	-.003	0	0
77	MP BETA4	X	-.003	-.003	0	0
78	MP BETA3	X	-.003	-.003	0	0
79	MP BETA2	X	-.003	-.003	0	0
80	MP BETA1	X	-.003	-.003	0	0
81	MP ALPHA8	X	-.003	-.003	0	0
82	MP ALPHA7	X	-.003	-.003	0	0
83	MP ALPHA6	X	-.003	-.003	0	0
84	MP ALPHA5	X	-.003	-.003	0	0
85	MP ALPHA4	X	-.003	-.003	0	0
86	MP ALPHA3	X	-.003	-.003	0	0
87	MP ALPHA2	X	-.003	-.003	0	0
88	MP ALPHA1	X	-.003	-.003	0	0
89	LADDER2	X	-.003	-.003	0	0
90	LADDER1	X	-.003	-.003	0	0
91	FACE3	X	-.004	-.004	0	0
92	FACE2	X	-.008	-.008	0	0
93	FACE1	X	-.008	-.008	0	0
94	CORNER3	X	-.004	-.004	0	0
95	CORNER2	X	-.004	-.004	0	0
96	CORNER1	X	-.004	-.004	0	0
97	M95	Y	-.003	-.003	0	0

Member Distributed Loads (BLC 9 : Ice Wind Load (60)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
98	M95	X	-.004	-.004	0	0
99	M96	Y	-.003	-.003	0	0
100	M96	X	-.004	-.004	0	0
101	M103	Y	-.001	-.001	0	0
102	M103	X	-.002	-.002	0	0
103	M104	Y	-.003	-.003	0	0
104	M104	X	-.005	-.005	0	0
105	M105	Y	-.003	-.003	0	0
106	M105	X	-.005	-.005	0	0
107	M106	Y	-.001	-.001	0	0
108	M106	X	-.002	-.002	0	0
109	M107	Y	-.001	-.001	0	0
110	M107	X	-.002	-.002	0	0
111	M108	Y	-.001	-.001	0	0
112	M108	X	-.002	-.002	0	0

Member Distributed Loads (BLC 10 : Wind Load (90))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	X	-.005	-.005	0	0
2	Standoff5	X	-.005	-.005	0	0
3	Standoff4	X	-.005	-.005	0	0
4	Standoff3	X	-.005	-.005	0	0
5	Standoff2	X	-.005	-.005	0	0
6	Standoff1	X	-.005	-.005	0	0
7	SUPPORT2	X	-.013	-.013	0	0
8	SUPPORT1	X	-.013	-.013	0	0
9	Rail3	X	-.004	-.004	0	0
10	Rail2	X	-.013	-.013	0	0
11	Rail1	X	-.013	-.013	0	0
12	RUNG6	X	-.001	-.001	0	0
13	RUNG5	X	-.001	-.001	0	0
14	RUNG4	X	-.001	-.001	0	0
15	RUNG3	X	-.001	-.001	0	0
16	RUNG2	X	-.001	-.001	0	0
17	RUNG1	X	-.001	-.001	0	0
18	PLATE3	X	-.001	-.001	0	0
19	PLATE2	X	-.001	-.001	0	0
20	PLATE1	X	-.001	-.001	0	0
21	MP GAMMA6	X	-.012	-.012	0	0
22	MP GAMMA5	X	-.012	-.012	0	0
23	MP GAMMA4	X	-.012	-.012	0	0
24	MP GAMMA3	X	-.012	-.012	0	0
25	MP GAMMA2	X	-.012	-.012	0	0
26	MP GAMMA1	X	-.012	-.012	0	0
27	MP BETA6	X	-.012	-.012	0	0
28	MP BETA5	X	-.012	-.012	0	0
29	MP BETA4	X	-.012	-.012	0	0
30	MP BETA3	X	-.012	-.012	0	0
31	MP BETA2	X	-.012	-.012	0	0
32	MP BETA1	X	-.012	-.012	0	0
33	MP ALPHA8	X	-.012	-.012	0	0
34	MP ALPHA7	X	-.012	-.012	0	0
35	MP ALPHA6	X	-.012	-.012	0	0
36	MP ALPHA5	X	-.012	-.012	0	0
37	MP ALPHA4	X	-.012	-.012	0	0
38	MP ALPHA3	X	-.012	-.012	0	0

Member Distributed Loads (BLC 10 : Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
39	MP ALPHA2	X	-.012	-.012	0	0
40	MP ALPHA1	X	-.012	-.012	0	0
41	LADDER2	X	-.004	-.004	0	0
42	LADDER1	X	-.004	-.004	0	0
43	FACE3	X	-.01	-.01	0	0
44	FACE2	X	-.01	-.01	0	0
45	FACE1	X	-.01	-.01	0	0
46	CORNER3	X	-.013	-.013	0	0
47	CORNER2	X	-.013	-.013	0	0
48	CORNER1	X	-.013	-.013	0	0
49	M95	X	-.013	-.013	0	0
50	M96	X	-.013	-.013	0	0
51	M103	X	-.004	-.004	0	0
52	M104	X	-.013	-.013	0	0
53	M105	X	-.013	-.013	0	0
54	M106	X	-.001	-.001	0	0
55	M107	X	-.001	-.001	0	0
56	M108	X	-.001	-.001	0	0

Member Distributed Loads (BLC 11 : Ice Wind Load (90))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	X	-.003	-.003	0	0
2	Standoff5	X	-.003	-.003	0	0
3	Standoff4	X	-.003	-.003	0	0
4	Standoff3	X	-.003	-.003	0	0
5	Standoff2	X	-.003	-.003	0	0
6	Standoff1	X	-.003	-.003	0	0
7	SUPPORT2	X	-.005	-.005	0	0
8	SUPPORT1	X	-.005	-.005	0	0
9	Rail3	X	-.002	-.002	0	0
10	Rail2	X	-.006	-.006	0	0
11	Rail1	X	-.006	-.006	0	0
12	RUNG6	X	-.001	-.001	0	0
13	RUNG5	X	-.001	-.001	0	0
14	RUNG4	X	-.001	-.001	0	0
15	RUNG3	X	-.001	-.001	0	0
16	RUNG2	X	-.001	-.001	0	0
17	RUNG1	X	-.001	-.001	0	0
18	PLATE3	X	-.002	-.002	0	0
19	PLATE2	X	-.002	-.002	0	0
20	PLATE1	X	-.002	-.002	0	0
21	MP GAMMA6	X	-.004	-.004	0	0
22	MP GAMMA5	X	-.004	-.004	0	0
23	MP GAMMA4	X	-.004	-.004	0	0
24	MP GAMMA3	X	-.004	-.004	0	0
25	MP GAMMA2	X	-.004	-.004	0	0
26	MP GAMMA1	X	-.004	-.004	0	0
27	MP BETA6	X	-.004	-.004	0	0
28	MP BETA5	X	-.004	-.004	0	0
29	MP BETA4	X	-.004	-.004	0	0
30	MP BETA3	X	-.004	-.004	0	0
31	MP BETA2	X	-.004	-.004	0	0
32	MP BETA1	X	-.004	-.004	0	0
33	MP ALPHA8	X	-.004	-.004	0	0
34	MP ALPHA7	X	-.004	-.004	0	0
35	MP ALPHA6	X	-.004	-.004	0	0

Member Distributed Loads (BLC 11 : Ice Wind Load (90)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
36	MP ALPHA5	X	-.004	-.004	0	0
37	MP ALPHA4	X	-.004	-.004	0	0
38	MP ALPHA3	X	-.004	-.004	0	0
39	MP ALPHA2	X	-.004	-.004	0	0
40	MP ALPHA1	X	-.004	-.004	0	0
41	LADDER2	X	-.003	-.003	0	0
42	LADDER1	X	-.003	-.003	0	0
43	FACE3	X	-.005	-.005	0	0
44	FACE2	X	-.009	-.009	0	0
45	FACE1	X	-.009	-.009	0	0
46	CORNER3	X	-.005	-.005	0	0
47	CORNER2	X	-.005	-.005	0	0
48	CORNER1	X	-.005	-.005	0	0
49	M95	X	-.005	-.005	0	0
50	M96	X	-.005	-.005	0	0
51	M103	X	-.002	-.002	0	0
52	M104	X	-.006	-.006	0	0
53	M105	X	-.006	-.006	0	0
54	M106	X	-.002	-.002	0	0
55	M107	X	-.002	-.002	0	0
56	M108	X	-.002	-.002	0	0

Member Distributed Loads (BLC 12 : Wind Load (120))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.003	.003	0	0
2	Standoff5	Y	.003	.003	0	0
3	Standoff4	Y	.003	.003	0	0
4	Standoff3	Y	.003	.003	0	0
5	Standoff2	Y	.003	.003	0	0
6	Standoff1	Y	.003	.003	0	0
7	SUPPORT2	Y	.006	.006	0	0
8	SUPPORT1	Y	.006	.006	0	0
9	Rail3	Y	.002	.002	0	0
10	Rail2	Y	.006	.006	0	0
11	Rail1	Y	.006	.006	0	0
12	RUNG6	Y	.0005	.0005	0	0
13	RUNG5	Y	.0005	.0005	0	0
14	RUNG4	Y	.0005	.0005	0	0
15	RUNG3	Y	.0005	.0005	0	0
16	RUNG2	Y	.0005	.0005	0	0
17	RUNG1	Y	.0005	.0005	0	0
18	PLATE3	Y	.0005	.0005	0	0
19	PLATE2	Y	.0005	.0005	0	0
20	PLATE1	Y	.0005	.0005	0	0
21	MP GAMMA6	Y	.006	.006	0	0
22	MP GAMMA5	Y	.006	.006	0	0
23	MP GAMMA4	Y	.006	.006	0	0
24	MP GAMMA3	Y	.006	.006	0	0
25	MP GAMMA2	Y	.006	.006	0	0
26	MP GAMMA1	Y	.006	.006	0	0
27	MP BETA6	Y	.006	.006	0	0
28	MP BETA5	Y	.006	.006	0	0
29	MP BETA4	Y	.006	.006	0	0
30	MP BETA3	Y	.006	.006	0	0
31	MP BETA2	Y	.006	.006	0	0
32	MP BETA1	Y	.006	.006	0	0

Member Distributed Loads (BLC 12 : Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
33	MP ALPHA8	Y	.006	.006	0	0
34	MP ALPHA7	Y	.006	.006	0	0
35	MP ALPHA6	Y	.006	.006	0	0
36	MP ALPHA5	Y	.006	.006	0	0
37	MP ALPHA4	Y	.006	.006	0	0
38	MP ALPHA3	Y	.006	.006	0	0
39	MP ALPHA2	Y	.006	.006	0	0
40	MP ALPHA1	Y	.006	.006	0	0
41	LADDER2	Y	.002	.002	0	0
42	LADDER1	Y	.002	.002	0	0
43	FACE3	Y	.005	.005	0	0
44	FACE2	Y	.005	.005	0	0
45	FACE1	Y	.005	.005	0	0
46	CORNER3	Y	.006	.006	0	0
47	CORNER2	Y	.006	.006	0	0
48	CORNER1	Y	.006	.006	0	0
49	Standoff6	X	-.004	-.004	0	0
50	Standoff5	X	-.004	-.004	0	0
51	Standoff4	X	-.004	-.004	0	0
52	Standoff3	X	-.004	-.004	0	0
53	Standoff2	X	-.004	-.004	0	0
54	Standoff1	X	-.004	-.004	0	0
55	SUPPORT2	X	-.011	-.011	0	0
56	SUPPORT1	X	-.011	-.011	0	0
57	Rail3	X	-.003	-.003	0	0
58	Rail2	X	-.011	-.011	0	0
59	Rail1	X	-.011	-.011	0	0
60	RUNG6	X	-.000866	-.000866	0	0
61	RUNG5	X	-.000866	-.000866	0	0
62	RUNG4	X	-.000866	-.000866	0	0
63	RUNG3	X	-.000866	-.000866	0	0
64	RUNG2	X	-.000866	-.000866	0	0
65	RUNG1	X	-.000866	-.000866	0	0
66	PLATE3	X	-.000866	-.000866	0	0
67	PLATE2	X	-.000866	-.000866	0	0
68	PLATE1	X	-.000866	-.000866	0	0
69	MP GAMMA6	X	-.01	-.01	0	0
70	MP GAMMA5	X	-.01	-.01	0	0
71	MP GAMMA4	X	-.01	-.01	0	0
72	MP GAMMA3	X	-.01	-.01	0	0
73	MP GAMMA2	X	-.01	-.01	0	0
74	MP GAMMA1	X	-.01	-.01	0	0
75	MP BETA6	X	-.01	-.01	0	0
76	MP BETA5	X	-.01	-.01	0	0
77	MP BETA4	X	-.01	-.01	0	0
78	MP BETA3	X	-.01	-.01	0	0
79	MP BETA2	X	-.01	-.01	0	0
80	MP BETA1	X	-.01	-.01	0	0
81	MP ALPHA8	X	-.01	-.01	0	0
82	MP ALPHA7	X	-.01	-.01	0	0
83	MP ALPHA6	X	-.01	-.01	0	0
84	MP ALPHA5	X	-.01	-.01	0	0
85	MP ALPHA4	X	-.01	-.01	0	0
86	MP ALPHA3	X	-.01	-.01	0	0
87	MP ALPHA2	X	-.01	-.01	0	0
88	MP ALPHA1	X	-.01	-.01	0	0
89	LADDER2	X	-.003	-.003	0	0

Member Distributed Loads (BLC 12 : Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
90	LADDER1	X	-.003	-.003	0	0
91	FACE3	X	-.009	-.009	0	0
92	FACE2	X	-.009	-.009	0	0
93	FACE1	X	-.009	-.009	0	0
94	CORNER3	X	-.011	-.011	0	0
95	CORNER2	X	-.011	-.011	0	0
96	CORNER1	X	-.011	-.011	0	0
97	M95	Y	.006	.006	0	0
98	M95	X	-.011	-.011	0	0
99	M96	Y	.006	.006	0	0
100	M96	X	-.011	-.011	0	0
101	M103	Y	.002	.002	0	0
102	M103	X	-.003	-.003	0	0
103	M104	Y	.006	.006	0	0
104	M104	X	-.011	-.011	0	0
105	M105	Y	.006	.006	0	0
106	M105	X	-.011	-.011	0	0
107	M106	Y	.0005	.0005	0	0
108	M106	X	-.000866	-.000866	0	0
109	M107	Y	.0005	.0005	0	0
110	M107	X	-.000866	-.000866	0	0
111	M108	Y	.0005	.0005	0	0
112	M108	X	-.000866	-.000866	0	0

Member Distributed Loads (BLC 13 : Ice Wind Load (120))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.002	.002	0	0
2	Standoff5	Y	.002	.002	0	0
3	Standoff4	Y	.002	.002	0	0
4	Standoff3	Y	.002	.002	0	0
5	Standoff2	Y	.002	.002	0	0
6	Standoff1	Y	.002	.002	0	0
7	SUPPORT2	Y	.003	.003	0	0
8	SUPPORT1	Y	.003	.003	0	0
9	Rail3	Y	.001	.001	0	0
10	Rail2	Y	.003	.003	0	0
11	Rail1	Y	.003	.003	0	0
12	RUNG6	Y	.0005	.0005	0	0
13	RUNG5	Y	.0005	.0005	0	0
14	RUNG4	Y	.0005	.0005	0	0
15	RUNG3	Y	.0005	.0005	0	0
16	RUNG2	Y	.0005	.0005	0	0
17	RUNG1	Y	.0005	.0005	0	0
18	PLATE3	Y	.001	.001	0	0
19	PLATE2	Y	.001	.001	0	0
20	PLATE1	Y	.001	.001	0	0
21	MP GAMMA6	Y	.002	.002	0	0
22	MP GAMMA5	Y	.002	.002	0	0
23	MP GAMMA4	Y	.002	.002	0	0
24	MP GAMMA3	Y	.002	.002	0	0
25	MP GAMMA2	Y	.002	.002	0	0
26	MP GAMMA1	Y	.002	.002	0	0
27	MP BETA6	Y	.002	.002	0	0
28	MP BETA5	Y	.002	.002	0	0
29	MP BETA4	Y	.002	.002	0	0
30	MP BETA3	Y	.002	.002	0	0

Member Distributed Loads (BLC 13 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
31	MP BETA2	Y	.002	.002	0	0
32	MP BETA1	Y	.002	.002	0	0
33	MP ALPHA8	Y	.002	.002	0	0
34	MP ALPHA7	Y	.002	.002	0	0
35	MP ALPHA6	Y	.002	.002	0	0
36	MP ALPHA5	Y	.002	.002	0	0
37	MP ALPHA4	Y	.002	.002	0	0
38	MP ALPHA3	Y	.002	.002	0	0
39	MP ALPHA2	Y	.002	.002	0	0
40	MP ALPHA1	Y	.002	.002	0	0
41	LADDER2	Y	.002	.002	0	0
42	LADDER1	Y	.002	.002	0	0
43	FACE3	Y	.003	.003	0	0
44	FACE2	Y	.004	.004	0	0
45	FACE1	Y	.004	.004	0	0
46	CORNER3	Y	.003	.003	0	0
47	CORNER2	Y	.003	.003	0	0
48	CORNER1	Y	.003	.003	0	0
49	Standoff6	X	-.003	-.003	0	0
50	Standoff5	X	-.003	-.003	0	0
51	Standoff4	X	-.003	-.003	0	0
52	Standoff3	X	-.003	-.003	0	0
53	Standoff2	X	-.003	-.003	0	0
54	Standoff1	X	-.003	-.003	0	0
55	SUPPORT2	X	-.004	-.004	0	0
56	SUPPORT1	X	-.004	-.004	0	0
57	Rail3	X	-.002	-.002	0	0
58	Rail2	X	-.005	-.005	0	0
59	Rail1	X	-.005	-.005	0	0
60	RUNG6	X	-.000866	-.000866	0	0
61	RUNG5	X	-.000866	-.000866	0	0
62	RUNG4	X	-.000866	-.000866	0	0
63	RUNG3	X	-.000866	-.000866	0	0
64	RUNG2	X	-.000866	-.000866	0	0
65	RUNG1	X	-.000866	-.000866	0	0
66	PLATE3	X	-.002	-.002	0	0
67	PLATE2	X	-.002	-.002	0	0
68	PLATE1	X	-.002	-.002	0	0
69	MP GAMMA6	X	-.003	-.003	0	0
70	MP GAMMA5	X	-.003	-.003	0	0
71	MP GAMMA4	X	-.003	-.003	0	0
72	MP GAMMA3	X	-.003	-.003	0	0
73	MP GAMMA2	X	-.003	-.003	0	0
74	MP GAMMA1	X	-.003	-.003	0	0
75	MP BETA6	X	-.003	-.003	0	0
76	MP BETA5	X	-.003	-.003	0	0
77	MP BETA4	X	-.003	-.003	0	0
78	MP BETA3	X	-.003	-.003	0	0
79	MP BETA2	X	-.003	-.003	0	0
80	MP BETA1	X	-.003	-.003	0	0
81	MP ALPHA8	X	-.003	-.003	0	0
82	MP ALPHA7	X	-.003	-.003	0	0
83	MP ALPHA6	X	-.003	-.003	0	0
84	MP ALPHA5	X	-.003	-.003	0	0
85	MP ALPHA4	X	-.003	-.003	0	0
86	MP ALPHA3	X	-.003	-.003	0	0
87	MP ALPHA2	X	-.003	-.003	0	0

Member Distributed Loads (BLC 13 : Ice Wind Load (120)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
88	MP ALPHA1	X	-.003	-.003	0	0
89	LADDER2	X	-.003	-.003	0	0
90	LADDER1	X	-.003	-.003	0	0
91	FACE3	X	-.004	-.004	0	0
92	FACE2	X	-.008	-.008	0	0
93	FACE1	X	-.008	-.008	0	0
94	CORNER3	X	-.004	-.004	0	0
95	CORNER2	X	-.004	-.004	0	0
96	CORNER1	X	-.004	-.004	0	0
97	M95	Y	.003	.003	0	0
98	M95	X	-.004	-.004	0	0
99	M96	Y	.003	.003	0	0
100	M96	X	-.004	-.004	0	0
101	M103	Y	.001	.001	0	0
102	M103	X	-.002	-.002	0	0
103	M104	Y	.003	.003	0	0
104	M104	X	-.005	-.005	0	0
105	M105	Y	.003	.003	0	0
106	M105	X	-.005	-.005	0	0
107	M106	Y	.001	.001	0	0
108	M106	X	-.002	-.002	0	0
109	M107	Y	.001	.001	0	0
110	M107	X	-.002	-.002	0	0
111	M108	Y	.001	.001	0	0
112	M108	X	-.002	-.002	0	0

Member Distributed Loads (BLC 14 : Wind Load (150))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.004	.004	0	0
2	Standoff5	Y	.004	.004	0	0
3	Standoff4	Y	.004	.004	0	0
4	Standoff3	Y	.004	.004	0	0
5	Standoff2	Y	.004	.004	0	0
6	Standoff1	Y	.004	.004	0	0
7	SUPPORT2	Y	.011	.011	0	0
8	SUPPORT1	Y	.011	.011	0	0
9	Rail3	Y	.003	.003	0	0
10	Rail2	Y	.011	.011	0	0
11	Rail1	Y	.011	.011	0	0
12	RUNG6	Y	.000866	.000866	0	0
13	RUNG5	Y	.000866	.000866	0	0
14	RUNG4	Y	.000866	.000866	0	0
15	RUNG3	Y	.000866	.000866	0	0
16	RUNG2	Y	.000866	.000866	0	0
17	RUNG1	Y	.000866	.000866	0	0
18	PLATE3	Y	.000866	.000866	0	0
19	PLATE2	Y	.000866	.000866	0	0
20	PLATE1	Y	.000866	.000866	0	0
21	MP GAMMA6	Y	.01	.01	0	0
22	MP GAMMA5	Y	.01	.01	0	0
23	MP GAMMA4	Y	.01	.01	0	0
24	MP GAMMA3	Y	.01	.01	0	0
25	MP GAMMA2	Y	.01	.01	0	0
26	MP GAMMA1	Y	.01	.01	0	0
27	MP BETA6	Y	.01	.01	0	0
28	MP BETA5	Y	.01	.01	0	0

Member Distributed Loads (BLC 14 : Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
29	MP BETA4	Y	.01	.01	0	0
30	MP BETA3	Y	.01	.01	0	0
31	MP BETA2	Y	.01	.01	0	0
32	MP BETA1	Y	.01	.01	0	0
33	MP ALPHA8	Y	.01	.01	0	0
34	MP ALPHA7	Y	.01	.01	0	0
35	MP ALPHA6	Y	.01	.01	0	0
36	MP ALPHA5	Y	.01	.01	0	0
37	MP ALPHA4	Y	.01	.01	0	0
38	MP ALPHA3	Y	.01	.01	0	0
39	MP ALPHA2	Y	.01	.01	0	0
40	MP ALPHA1	Y	.01	.01	0	0
41	LADDER2	Y	.003	.003	0	0
42	LADDER1	Y	.003	.003	0	0
43	FACE3	Y	.009	.009	0	0
44	FACE2	Y	.009	.009	0	0
45	FACE1	Y	.009	.009	0	0
46	CORNER3	Y	.011	.011	0	0
47	CORNER2	Y	.011	.011	0	0
48	CORNER1	Y	.011	.011	0	0
49	Standoff6	X	-.003	-.003	0	0
50	Standoff5	X	-.003	-.003	0	0
51	Standoff4	X	-.003	-.003	0	0
52	Standoff3	X	-.003	-.003	0	0
53	Standoff2	X	-.003	-.003	0	0
54	Standoff1	X	-.003	-.003	0	0
55	SUPPORT2	X	-.006	-.006	0	0
56	SUPPORT1	X	-.006	-.006	0	0
57	Rail3	X	-.002	-.002	0	0
58	Rail2	X	-.006	-.006	0	0
59	Rail1	X	-.006	-.006	0	0
60	RUNG6	X	-.0005	-.0005	0	0
61	RUNG5	X	-.0005	-.0005	0	0
62	RUNG4	X	-.0005	-.0005	0	0
63	RUNG3	X	-.0005	-.0005	0	0
64	RUNG2	X	-.0005	-.0005	0	0
65	RUNG1	X	-.0005	-.0005	0	0
66	PLATE3	X	-.0005	-.0005	0	0
67	PLATE2	X	-.0005	-.0005	0	0
68	PLATE1	X	-.0005	-.0005	0	0
69	MP GAMMA6	X	-.006	-.006	0	0
70	MP GAMMA5	X	-.006	-.006	0	0
71	MP GAMMA4	X	-.006	-.006	0	0
72	MP GAMMA3	X	-.006	-.006	0	0
73	MP GAMMA2	X	-.006	-.006	0	0
74	MP GAMMA1	X	-.006	-.006	0	0
75	MP BETA6	X	-.006	-.006	0	0
76	MP BETA5	X	-.006	-.006	0	0
77	MP BETA4	X	-.006	-.006	0	0
78	MP BETA3	X	-.006	-.006	0	0
79	MP BETA2	X	-.006	-.006	0	0
80	MP BETA1	X	-.006	-.006	0	0
81	MP ALPHA8	X	-.006	-.006	0	0
82	MP ALPHA7	X	-.006	-.006	0	0
83	MP ALPHA6	X	-.006	-.006	0	0
84	MP ALPHA5	X	-.006	-.006	0	0
85	MP ALPHA4	X	-.006	-.006	0	0

Member Distributed Loads (BLC 14 : Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
86	MP ALPHA3	X	-.006	-.006	0	0
87	MP ALPHA2	X	-.006	-.006	0	0
88	MP ALPHA1	X	-.006	-.006	0	0
89	LADDER2	X	-.002	-.002	0	0
90	LADDER1	X	-.002	-.002	0	0
91	FACE3	X	-.005	-.005	0	0
92	FACE2	X	-.005	-.005	0	0
93	FACE1	X	-.005	-.005	0	0
94	CORNER3	X	-.006	-.006	0	0
95	CORNER2	X	-.006	-.006	0	0
96	CORNER1	X	-.006	-.006	0	0
97	M95	Y	.011	.011	0	0
98	M95	X	-.006	-.006	0	0
99	M96	Y	.011	.011	0	0
100	M96	X	-.006	-.006	0	0
101	M103	Y	.003	.003	0	0
102	M103	X	-.002	-.002	0	0
103	M104	Y	.011	.011	0	0
104	M104	X	-.006	-.006	0	0
105	M105	Y	.011	.011	0	0
106	M105	X	-.006	-.006	0	0
107	M106	Y	.000866	.000866	0	0
108	M106	X	-.0005	-.0005	0	0
109	M107	Y	.000866	.000866	0	0
110	M107	X	-.0005	-.0005	0	0
111	M108	Y	.000866	.000866	0	0
112	M108	X	-.0005	-.0005	0	0

Member Distributed Loads (BLC 15 : Ice Wind Load (150))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.003	.003	0	0
2	Standoff5	Y	.003	.003	0	0
3	Standoff4	Y	.003	.003	0	0
4	Standoff3	Y	.003	.003	0	0
5	Standoff2	Y	.003	.003	0	0
6	Standoff1	Y	.003	.003	0	0
7	SUPPORT2	Y	.004	.004	0	0
8	SUPPORT1	Y	.004	.004	0	0
9	Rail3	Y	.002	.002	0	0
10	Rail2	Y	.005	.005	0	0
11	Rail1	Y	.005	.005	0	0
12	RUNG6	Y	.000866	.000866	0	0
13	RUNG5	Y	.000866	.000866	0	0
14	RUNG4	Y	.000866	.000866	0	0
15	RUNG3	Y	.000866	.000866	0	0
16	RUNG2	Y	.000866	.000866	0	0
17	RUNG1	Y	.000866	.000866	0	0
18	PLATE3	Y	.002	.002	0	0
19	PLATE2	Y	.002	.002	0	0
20	PLATE1	Y	.002	.002	0	0
21	MP GAMMA6	Y	.003	.003	0	0
22	MP GAMMA5	Y	.003	.003	0	0
23	MP GAMMA4	Y	.003	.003	0	0
24	MP GAMMA3	Y	.003	.003	0	0
25	MP GAMMA2	Y	.003	.003	0	0
26	MP GAMMA1	Y	.003	.003	0	0

Member Distributed Loads (BLC 15 : Ice Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
27	MP BETA6	Y	.003	.003	0	0
28	MP BETA5	Y	.003	.003	0	0
29	MP BETA4	Y	.003	.003	0	0
30	MP BETA3	Y	.003	.003	0	0
31	MP BETA2	Y	.003	.003	0	0
32	MP BETA1	Y	.003	.003	0	0
33	MP ALPHA8	Y	.003	.003	0	0
34	MP ALPHA7	Y	.003	.003	0	0
35	MP ALPHA6	Y	.003	.003	0	0
36	MP ALPHA5	Y	.003	.003	0	0
37	MP ALPHA4	Y	.003	.003	0	0
38	MP ALPHA3	Y	.003	.003	0	0
39	MP ALPHA2	Y	.003	.003	0	0
40	MP ALPHA1	Y	.003	.003	0	0
41	LADDER2	Y	.003	.003	0	0
42	LADDER1	Y	.003	.003	0	0
43	FACE3	Y	.004	.004	0	0
44	FACE2	Y	.008	.008	0	0
45	FACE1	Y	.008	.008	0	0
46	CORNER3	Y	.004	.004	0	0
47	CORNER2	Y	.004	.004	0	0
48	CORNER1	Y	.004	.004	0	0
49	Standoff6	X	-.002	-.002	0	0
50	Standoff5	X	-.002	-.002	0	0
51	Standoff4	X	-.002	-.002	0	0
52	Standoff3	X	-.002	-.002	0	0
53	Standoff2	X	-.002	-.002	0	0
54	Standoff1	X	-.002	-.002	0	0
55	SUPPORT2	X	-.003	-.003	0	0
56	SUPPORT1	X	-.003	-.003	0	0
57	Rail3	X	-.001	-.001	0	0
58	Rail2	X	-.003	-.003	0	0
59	Rail1	X	-.003	-.003	0	0
60	RUNG6	X	-.0005	-.0005	0	0
61	RUNG5	X	-.0005	-.0005	0	0
62	RUNG4	X	-.0005	-.0005	0	0
63	RUNG3	X	-.0005	-.0005	0	0
64	RUNG2	X	-.0005	-.0005	0	0
65	RUNG1	X	-.0005	-.0005	0	0
66	PLATE3	X	-.001	-.001	0	0
67	PLATE2	X	-.001	-.001	0	0
68	PLATE1	X	-.001	-.001	0	0
69	MP GAMMA6	X	-.002	-.002	0	0
70	MP GAMMA5	X	-.002	-.002	0	0
71	MP GAMMA4	X	-.002	-.002	0	0
72	MP GAMMA3	X	-.002	-.002	0	0
73	MP GAMMA2	X	-.002	-.002	0	0
74	MP GAMMA1	X	-.002	-.002	0	0
75	MP BETA6	X	-.002	-.002	0	0
76	MP BETA5	X	-.002	-.002	0	0
77	MP BETA4	X	-.002	-.002	0	0
78	MP BETA3	X	-.002	-.002	0	0
79	MP BETA2	X	-.002	-.002	0	0
80	MP BETA1	X	-.002	-.002	0	0
81	MP ALPHA8	X	-.002	-.002	0	0
82	MP ALPHA7	X	-.002	-.002	0	0
83	MP ALPHA6	X	-.002	-.002	0	0

Member Distributed Loads (BLC 15 : Ice Wind Load (150)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
84	MP ALPHA5	X	-.002	-.002	0	0
85	MP ALPHA4	X	-.002	-.002	0	0
86	MP ALPHA3	X	-.002	-.002	0	0
87	MP ALPHA2	X	-.002	-.002	0	0
88	MP ALPHA1	X	-.002	-.002	0	0
89	LADDER2	X	-.002	-.002	0	0
90	LADDER1	X	-.002	-.002	0	0
91	FACE3	X	-.003	-.003	0	0
92	FACE2	X	-.004	-.004	0	0
93	FACE1	X	-.004	-.004	0	0
94	CORNER3	X	-.003	-.003	0	0
95	CORNER2	X	-.003	-.003	0	0
96	CORNER1	X	-.003	-.003	0	0
97	M95	Y	.004	.004	0	0
98	M95	X	-.003	-.003	0	0
99	M96	Y	.004	.004	0	0
100	M96	X	-.003	-.003	0	0
101	M103	Y	.002	.002	0	0
102	M103	X	-.001	-.001	0	0
103	M104	Y	.005	.005	0	0
104	M104	X	-.003	-.003	0	0
105	M105	Y	.005	.005	0	0
106	M105	X	-.003	-.003	0	0
107	M106	Y	.002	.002	0	0
108	M106	X	-.001	-.001	0	0
109	M107	Y	.002	.002	0	0
110	M107	X	-.001	-.001	0	0
111	M108	Y	.002	.002	0	0
112	M108	X	-.001	-.001	0	0

Member Distributed Loads (BLC 16 : Wind Load (180))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.005	.005	0	0
2	Standoff5	Y	.005	.005	0	0
3	Standoff4	Y	.005	.005	0	0
4	Standoff3	Y	.005	.005	0	0
5	Standoff2	Y	.005	.005	0	0
6	Standoff1	Y	.005	.005	0	0
7	SUPPORT2	Y	.013	.013	0	0
8	SUPPORT1	Y	.013	.013	0	0
9	Rail3	Y	.004	.004	0	0
10	Rail2	Y	.013	.013	0	0
11	Rail1	Y	.013	.013	0	0
12	RUNG6	Y	.001	.001	0	0
13	RUNG5	Y	.001	.001	0	0
14	RUNG4	Y	.001	.001	0	0
15	RUNG3	Y	.001	.001	0	0
16	RUNG2	Y	.001	.001	0	0
17	RUNG1	Y	.001	.001	0	0
18	PLATE3	Y	.001	.001	0	0
19	PLATE2	Y	.001	.001	0	0
20	PLATE1	Y	.001	.001	0	0
21	MP GAMMA6	Y	.012	.012	0	0
22	MP GAMMA5	Y	.012	.012	0	0
23	MP GAMMA4	Y	.012	.012	0	0
24	MP GAMMA3	Y	.012	.012	0	0

Member Distributed Loads (BLC 16 : Wind Load (180)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
25	MP GAMMA2	Y	.012	.012	0	0
26	MP GAMMA1	Y	.012	.012	0	0
27	MP BETA6	Y	.012	.012	0	0
28	MP BETA5	Y	.012	.012	0	0
29	MP BETA4	Y	.012	.012	0	0
30	MP BETA3	Y	.012	.012	0	0
31	MP BETA2	Y	.012	.012	0	0
32	MP BETA1	Y	.012	.012	0	0
33	MP ALPHA8	Y	.012	.012	0	0
34	MP ALPHA7	Y	.012	.012	0	0
35	MP ALPHA6	Y	.012	.012	0	0
36	MP ALPHA5	Y	.012	.012	0	0
37	MP ALPHA4	Y	.012	.012	0	0
38	MP ALPHA3	Y	.012	.012	0	0
39	MP ALPHA2	Y	.012	.012	0	0
40	MP ALPHA1	Y	.012	.012	0	0
41	LADDER2	Y	.004	.004	0	0
42	LADDER1	Y	.004	.004	0	0
43	FACE3	Y	.01	.01	0	0
44	FACE2	Y	.01	.01	0	0
45	FACE1	Y	.01	.01	0	0
46	CORNER3	Y	.013	.013	0	0
47	CORNER2	Y	.013	.013	0	0
48	CORNER1	Y	.013	.013	0	0
49	M95	Y	.013	.013	0	0
50	M96	Y	.013	.013	0	0
51	M103	Y	.004	.004	0	0
52	M104	Y	.013	.013	0	0
53	M105	Y	.013	.013	0	0
54	M106	Y	.001	.001	0	0
55	M107	Y	.001	.001	0	0
56	M108	Y	.001	.001	0	0

Member Distributed Loads (BLC 17 : Ice Wind Load (180))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.003	.003	0	0
2	Standoff5	Y	.003	.003	0	0
3	Standoff4	Y	.003	.003	0	0
4	Standoff3	Y	.003	.003	0	0
5	Standoff2	Y	.003	.003	0	0
6	Standoff1	Y	.003	.003	0	0
7	SUPPORT2	Y	.005	.005	0	0
8	SUPPORT1	Y	.005	.005	0	0
9	Rail3	Y	.002	.002	0	0
10	Rail2	Y	.006	.006	0	0
11	Rail1	Y	.006	.006	0	0
12	RUNG6	Y	.001	.001	0	0
13	RUNG5	Y	.001	.001	0	0
14	RUNG4	Y	.001	.001	0	0
15	RUNG3	Y	.001	.001	0	0
16	RUNG2	Y	.001	.001	0	0
17	RUNG1	Y	.001	.001	0	0
18	PLATE3	Y	.002	.002	0	0
19	PLATE2	Y	.002	.002	0	0
20	PLATE1	Y	.002	.002	0	0
21	MP GAMMA6	Y	.004	.004	0	0

Member Distributed Loads (BLC 17 : Ice Wind Load (180)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
22	MP GAMMA5	Y	.004	.004	0	0
23	MP GAMMA4	Y	.004	.004	0	0
24	MP GAMMA3	Y	.004	.004	0	0
25	MP GAMMA2	Y	.004	.004	0	0
26	MP GAMMA1	Y	.004	.004	0	0
27	MP BETA6	Y	.004	.004	0	0
28	MP BETA5	Y	.004	.004	0	0
29	MP BETA4	Y	.004	.004	0	0
30	MP BETA3	Y	.004	.004	0	0
31	MP BETA2	Y	.004	.004	0	0
32	MP BETA1	Y	.004	.004	0	0
33	MP ALPHA8	Y	.004	.004	0	0
34	MP ALPHA7	Y	.004	.004	0	0
35	MP ALPHA6	Y	.004	.004	0	0
36	MP ALPHA5	Y	.004	.004	0	0
37	MP ALPHA4	Y	.004	.004	0	0
38	MP ALPHA3	Y	.004	.004	0	0
39	MP ALPHA2	Y	.004	.004	0	0
40	MP ALPHA1	Y	.004	.004	0	0
41	LADDER2	Y	.003	.003	0	0
42	LADDER1	Y	.003	.003	0	0
43	FACE3	Y	.005	.005	0	0
44	FACE2	Y	.009	.009	0	0
45	FACE1	Y	.009	.009	0	0
46	CORNER3	Y	.005	.005	0	0
47	CORNER2	Y	.005	.005	0	0
48	CORNER1	Y	.005	.005	0	0
49	M95	Y	.005	.005	0	0
50	M96	Y	.005	.005	0	0
51	M103	Y	.002	.002	0	0
52	M104	Y	.006	.006	0	0
53	M105	Y	.006	.006	0	0
54	M106	Y	.002	.002	0	0
55	M107	Y	.002	.002	0	0
56	M108	Y	.002	.002	0	0

Member Distributed Loads (BLC 18 : Wind Load (210))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.004	.004	0	0
2	Standoff5	Y	.004	.004	0	0
3	Standoff4	Y	.004	.004	0	0
4	Standoff3	Y	.004	.004	0	0
5	Standoff2	Y	.004	.004	0	0
6	Standoff1	Y	.004	.004	0	0
7	SUPPORT2	Y	.011	.011	0	0
8	SUPPORT1	Y	.011	.011	0	0
9	Rail3	Y	.003	.003	0	0
10	Rail2	Y	.011	.011	0	0
11	Rail1	Y	.011	.011	0	0
12	RUNG6	Y	.000866	.000866	0	0
13	RUNG5	Y	.000866	.000866	0	0
14	RUNG4	Y	.000866	.000866	0	0
15	RUNG3	Y	.000866	.000866	0	0
16	RUNG2	Y	.000866	.000866	0	0
17	RUNG1	Y	.000866	.000866	0	0
18	PLATE3	Y	.000866	.000866	0	0

Member Distributed Loads (BLC 18 : Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
19	PLATE2	Y	.000866	.000866	0	0
20	PLATE1	Y	.000866	.000866	0	0
21	MP GAMMA6	Y	.01	.01	0	0
22	MP GAMMA5	Y	.01	.01	0	0
23	MP GAMMA4	Y	.01	.01	0	0
24	MP GAMMA3	Y	.01	.01	0	0
25	MP GAMMA2	Y	.01	.01	0	0
26	MP GAMMA1	Y	.01	.01	0	0
27	MP BETA6	Y	.01	.01	0	0
28	MP BETA5	Y	.01	.01	0	0
29	MP BETA4	Y	.01	.01	0	0
30	MP BETA3	Y	.01	.01	0	0
31	MP BETA2	Y	.01	.01	0	0
32	MP BETA1	Y	.01	.01	0	0
33	MP ALPHA8	Y	.01	.01	0	0
34	MP ALPHA7	Y	.01	.01	0	0
35	MP ALPHA6	Y	.01	.01	0	0
36	MP ALPHA5	Y	.01	.01	0	0
37	MP ALPHA4	Y	.01	.01	0	0
38	MP ALPHA3	Y	.01	.01	0	0
39	MP ALPHA2	Y	.01	.01	0	0
40	MP ALPHA1	Y	.01	.01	0	0
41	LADDER2	Y	.003	.003	0	0
42	LADDER1	Y	.003	.003	0	0
43	FACE3	Y	.009	.009	0	0
44	FACE2	Y	.009	.009	0	0
45	FACE1	Y	.009	.009	0	0
46	CORNER3	Y	.011	.011	0	0
47	CORNER2	Y	.011	.011	0	0
48	CORNER1	Y	.011	.011	0	0
49	Standoff6	X	.003	.003	0	0
50	Standoff5	X	.003	.003	0	0
51	Standoff4	X	.003	.003	0	0
52	Standoff3	X	.003	.003	0	0
53	Standoff2	X	.003	.003	0	0
54	Standoff1	X	.003	.003	0	0
55	SUPPORT2	X	.006	.006	0	0
56	SUPPORT1	X	.006	.006	0	0
57	Rail3	X	.002	.002	0	0
58	Rail2	X	.006	.006	0	0
59	Rail1	X	.006	.006	0	0
60	RUNG6	X	.0005	.0005	0	0
61	RUNG5	X	.0005	.0005	0	0
62	RUNG4	X	.0005	.0005	0	0
63	RUNG3	X	.0005	.0005	0	0
64	RUNG2	X	.0005	.0005	0	0
65	RUNG1	X	.0005	.0005	0	0
66	PLATE3	X	.0005	.0005	0	0
67	PLATE2	X	.0005	.0005	0	0
68	PLATE1	X	.0005	.0005	0	0
69	MP GAMMA6	X	.006	.006	0	0
70	MP GAMMA5	X	.006	.006	0	0
71	MP GAMMA4	X	.006	.006	0	0
72	MP GAMMA3	X	.006	.006	0	0
73	MP GAMMA2	X	.006	.006	0	0
74	MP GAMMA1	X	.006	.006	0	0
75	MP BETA6	X	.006	.006	0	0

Member Distributed Loads (BLC 18 : Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
76	MP BETA5	X	.006	.006	0	0
77	MP BETA4	X	.006	.006	0	0
78	MP BETA3	X	.006	.006	0	0
79	MP BETA2	X	.006	.006	0	0
80	MP BETA1	X	.006	.006	0	0
81	MP ALPHA8	X	.006	.006	0	0
82	MP ALPHA7	X	.006	.006	0	0
83	MP ALPHA6	X	.006	.006	0	0
84	MP ALPHA5	X	.006	.006	0	0
85	MP ALPHA4	X	.006	.006	0	0
86	MP ALPHA3	X	.006	.006	0	0
87	MP ALPHA2	X	.006	.006	0	0
88	MP ALPHA1	X	.006	.006	0	0
89	LADDER2	X	.002	.002	0	0
90	LADDER1	X	.002	.002	0	0
91	FACE3	X	.005	.005	0	0
92	FACE2	X	.005	.005	0	0
93	FACE1	X	.005	.005	0	0
94	CORNER3	X	.006	.006	0	0
95	CORNER2	X	.006	.006	0	0
96	CORNER1	X	.006	.006	0	0
97	M95	Y	.011	.011	0	0
98	M95	X	.006	.006	0	0
99	M96	Y	.011	.011	0	0
100	M96	X	.006	.006	0	0
101	M103	Y	.003	.003	0	0
102	M103	X	.002	.002	0	0
103	M104	Y	.011	.011	0	0
104	M104	X	.006	.006	0	0
105	M105	Y	.011	.011	0	0
106	M105	X	.006	.006	0	0
107	M106	Y	.000866	.000866	0	0
108	M106	X	.0005	.0005	0	0
109	M107	Y	.000866	.000866	0	0
110	M107	X	.0005	.0005	0	0
111	M108	Y	.000866	.000866	0	0
112	M108	X	.0005	.0005	0	0

Member Distributed Loads (BLC 19 : Ice Wind Load (210))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.003	.003	0	0
2	Standoff5	Y	.003	.003	0	0
3	Standoff4	Y	.003	.003	0	0
4	Standoff3	Y	.003	.003	0	0
5	Standoff2	Y	.003	.003	0	0
6	Standoff1	Y	.003	.003	0	0
7	SUPPORT2	Y	.004	.004	0	0
8	SUPPORT1	Y	.004	.004	0	0
9	Rail3	Y	.002	.002	0	0
10	Rail2	Y	.005	.005	0	0
11	Rail1	Y	.005	.005	0	0
12	RUNG6	Y	.000866	.000866	0	0
13	RUNG5	Y	.000866	.000866	0	0
14	RUNG4	Y	.000866	.000866	0	0
15	RUNG3	Y	.000866	.000866	0	0
16	RUNG2	Y	.000866	.000866	0	0

Member Distributed Loads (BLC 19 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
17	RUNG1	Y	.000866	.000866	0	0
18	PLATE3	Y	.002	.002	0	0
19	PLATE2	Y	.002	.002	0	0
20	PLATE1	Y	.002	.002	0	0
21	MP GAMMA6	Y	.003	.003	0	0
22	MP GAMMA5	Y	.003	.003	0	0
23	MP GAMMA4	Y	.003	.003	0	0
24	MP GAMMA3	Y	.003	.003	0	0
25	MP GAMMA2	Y	.003	.003	0	0
26	MP GAMMA1	Y	.003	.003	0	0
27	MP BETA6	Y	.003	.003	0	0
28	MP BETA5	Y	.003	.003	0	0
29	MP BETA4	Y	.003	.003	0	0
30	MP BETA3	Y	.003	.003	0	0
31	MP BETA2	Y	.003	.003	0	0
32	MP BETA1	Y	.003	.003	0	0
33	MP ALPHA8	Y	.003	.003	0	0
34	MP ALPHA7	Y	.003	.003	0	0
35	MP ALPHA6	Y	.003	.003	0	0
36	MP ALPHA5	Y	.003	.003	0	0
37	MP ALPHA4	Y	.003	.003	0	0
38	MP ALPHA3	Y	.003	.003	0	0
39	MP ALPHA2	Y	.003	.003	0	0
40	MP ALPHA1	Y	.003	.003	0	0
41	LADDER2	Y	.003	.003	0	0
42	LADDER1	Y	.003	.003	0	0
43	FACE3	Y	.004	.004	0	0
44	FACE2	Y	.008	.008	0	0
45	FACE1	Y	.008	.008	0	0
46	CORNER3	Y	.004	.004	0	0
47	CORNER2	Y	.004	.004	0	0
48	CORNER1	Y	.004	.004	0	0
49	Standoff6	X	.002	.002	0	0
50	Standoff5	X	.002	.002	0	0
51	Standoff4	X	.002	.002	0	0
52	Standoff3	X	.002	.002	0	0
53	Standoff2	X	.002	.002	0	0
54	Standoff1	X	.002	.002	0	0
55	SUPPORT2	X	.003	.003	0	0
56	SUPPORT1	X	.003	.003	0	0
57	Rail3	X	.001	.001	0	0
58	Rail2	X	.003	.003	0	0
59	Rail1	X	.003	.003	0	0
60	RUNG6	X	.0005	.0005	0	0
61	RUNG5	X	.0005	.0005	0	0
62	RUNG4	X	.0005	.0005	0	0
63	RUNG3	X	.0005	.0005	0	0
64	RUNG2	X	.0005	.0005	0	0
65	RUNG1	X	.0005	.0005	0	0
66	PLATE3	X	.001	.001	0	0
67	PLATE2	X	.001	.001	0	0
68	PLATE1	X	.001	.001	0	0
69	MP GAMMA6	X	.002	.002	0	0
70	MP GAMMA5	X	.002	.002	0	0
71	MP GAMMA4	X	.002	.002	0	0
72	MP GAMMA3	X	.002	.002	0	0
73	MP GAMMA2	X	.002	.002	0	0

Member Distributed Loads (BLC 19 : Ice Wind Load (210)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
74	MP GAMMA1	X	.002	.002	0	0
75	MP BETA6	X	.002	.002	0	0
76	MP BETA5	X	.002	.002	0	0
77	MP BETA4	X	.002	.002	0	0
78	MP BETA3	X	.002	.002	0	0
79	MP BETA2	X	.002	.002	0	0
80	MP BETA1	X	.002	.002	0	0
81	MP ALPHA8	X	.002	.002	0	0
82	MP ALPHA7	X	.002	.002	0	0
83	MP ALPHA6	X	.002	.002	0	0
84	MP ALPHA5	X	.002	.002	0	0
85	MP ALPHA4	X	.002	.002	0	0
86	MP ALPHA3	X	.002	.002	0	0
87	MP ALPHA2	X	.002	.002	0	0
88	MP ALPHA1	X	.002	.002	0	0
89	LADDER2	X	.002	.002	0	0
90	LADDER1	X	.002	.002	0	0
91	FACE3	X	.003	.003	0	0
92	FACE2	X	.004	.004	0	0
93	FACE1	X	.004	.004	0	0
94	CORNER3	X	.003	.003	0	0
95	CORNER2	X	.003	.003	0	0
96	CORNER1	X	.003	.003	0	0
97	M95	Y	.004	.004	0	0
98	M95	X	.003	.003	0	0
99	M96	Y	.004	.004	0	0
100	M96	X	.003	.003	0	0
101	M103	Y	.002	.002	0	0
102	M103	X	.001	.001	0	0
103	M104	Y	.005	.005	0	0
104	M104	X	.003	.003	0	0
105	M105	Y	.005	.005	0	0
106	M105	X	.003	.003	0	0
107	M106	Y	.002	.002	0	0
108	M106	X	.001	.001	0	0
109	M107	Y	.002	.002	0	0
110	M107	X	.001	.001	0	0
111	M108	Y	.002	.002	0	0
112	M108	X	.001	.001	0	0

Member Distributed Loads (BLC 20 : Wind Load (240))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.003	.003	0	0
2	Standoff5	Y	.003	.003	0	0
3	Standoff4	Y	.003	.003	0	0
4	Standoff3	Y	.003	.003	0	0
5	Standoff2	Y	.003	.003	0	0
6	Standoff1	Y	.003	.003	0	0
7	SUPPORT2	Y	.006	.006	0	0
8	SUPPORT1	Y	.006	.006	0	0
9	Rail3	Y	.002	.002	0	0
10	Rail2	Y	.006	.006	0	0
11	Rail1	Y	.006	.006	0	0
12	RUNG6	Y	.0005	.0005	0	0
13	RUNG5	Y	.0005	.0005	0	0
14	RUNG4	Y	.0005	.0005	0	0

Member Distributed Loads (BLC 20 : Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
15	RUNG3	Y	.0005	.0005	0	0
16	RUNG2	Y	.0005	.0005	0	0
17	RUNG1	Y	.0005	.0005	0	0
18	PLATE3	Y	.0005	.0005	0	0
19	PLATE2	Y	.0005	.0005	0	0
20	PLATE1	Y	.0005	.0005	0	0
21	MP GAMMA6	Y	.006	.006	0	0
22	MP GAMMA5	Y	.006	.006	0	0
23	MP GAMMA4	Y	.006	.006	0	0
24	MP GAMMA3	Y	.006	.006	0	0
25	MP GAMMA2	Y	.006	.006	0	0
26	MP GAMMA1	Y	.006	.006	0	0
27	MP BETA6	Y	.006	.006	0	0
28	MP BETA5	Y	.006	.006	0	0
29	MP BETA4	Y	.006	.006	0	0
30	MP BETA3	Y	.006	.006	0	0
31	MP BETA2	Y	.006	.006	0	0
32	MP BETA1	Y	.006	.006	0	0
33	MP ALPHA8	Y	.006	.006	0	0
34	MP ALPHA7	Y	.006	.006	0	0
35	MP ALPHA6	Y	.006	.006	0	0
36	MP ALPHA5	Y	.006	.006	0	0
37	MP ALPHA4	Y	.006	.006	0	0
38	MP ALPHA3	Y	.006	.006	0	0
39	MP ALPHA2	Y	.006	.006	0	0
40	MP ALPHA1	Y	.006	.006	0	0
41	LADDER2	Y	.002	.002	0	0
42	LADDER1	Y	.002	.002	0	0
43	FACE3	Y	.005	.005	0	0
44	FACE2	Y	.005	.005	0	0
45	FACE1	Y	.005	.005	0	0
46	CORNER3	Y	.006	.006	0	0
47	CORNER2	Y	.006	.006	0	0
48	CORNER1	Y	.006	.006	0	0
49	Standoff6	X	.004	.004	0	0
50	Standoff5	X	.004	.004	0	0
51	Standoff4	X	.004	.004	0	0
52	Standoff3	X	.004	.004	0	0
53	Standoff2	X	.004	.004	0	0
54	Standoff1	X	.004	.004	0	0
55	SUPPORT2	X	.011	.011	0	0
56	SUPPORT1	X	.011	.011	0	0
57	Rail3	X	.003	.003	0	0
58	Rail2	X	.011	.011	0	0
59	Rail1	X	.011	.011	0	0
60	RUNG6	X	.000866	.000866	0	0
61	RUNG5	X	.000866	.000866	0	0
62	RUNG4	X	.000866	.000866	0	0
63	RUNG3	X	.000866	.000866	0	0
64	RUNG2	X	.000866	.000866	0	0
65	RUNG1	X	.000866	.000866	0	0
66	PLATE3	X	.000866	.000866	0	0
67	PLATE2	X	.000866	.000866	0	0
68	PLATE1	X	.000866	.000866	0	0
69	MP GAMMA6	X	.01	.01	0	0
70	MP GAMMA5	X	.01	.01	0	0
71	MP GAMMA4	X	.01	.01	0	0

Member Distributed Loads (BLC 20 : Wind Load (240)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
72	MP GAMMA3	X	.01	.01	0	0
73	MP GAMMA2	X	.01	.01	0	0
74	MP GAMMA1	X	.01	.01	0	0
75	MP BETA6	X	.01	.01	0	0
76	MP BETA5	X	.01	.01	0	0
77	MP BETA4	X	.01	.01	0	0
78	MP BETA3	X	.01	.01	0	0
79	MP BETA2	X	.01	.01	0	0
80	MP BETA1	X	.01	.01	0	0
81	MP ALPHA8	X	.01	.01	0	0
82	MP ALPHA7	X	.01	.01	0	0
83	MP ALPHA6	X	.01	.01	0	0
84	MP ALPHA5	X	.01	.01	0	0
85	MP ALPHA4	X	.01	.01	0	0
86	MP ALPHA3	X	.01	.01	0	0
87	MP ALPHA2	X	.01	.01	0	0
88	MP ALPHA1	X	.01	.01	0	0
89	LADDER2	X	.003	.003	0	0
90	LADDER1	X	.003	.003	0	0
91	FACE3	X	.009	.009	0	0
92	FACE2	X	.009	.009	0	0
93	FACE1	X	.009	.009	0	0
94	CORNER3	X	.011	.011	0	0
95	CORNER2	X	.011	.011	0	0
96	CORNER1	X	.011	.011	0	0
97	M95	Y	.006	.006	0	0
98	M95	X	.011	.011	0	0
99	M96	Y	.006	.006	0	0
100	M96	X	.011	.011	0	0
101	M103	Y	.002	.002	0	0
102	M103	X	.003	.003	0	0
103	M104	Y	.006	.006	0	0
104	M104	X	.011	.011	0	0
105	M105	Y	.006	.006	0	0
106	M105	X	.011	.011	0	0
107	M106	Y	.0005	.0005	0	0
108	M106	X	.000866	.000866	0	0
109	M107	Y	.0005	.0005	0	0
110	M107	X	.000866	.000866	0	0
111	M108	Y	.0005	.0005	0	0
112	M108	X	.000866	.000866	0	0

Member Distributed Loads (BLC 21 : Ice Wind Load (240))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	.002	.002	0	0
2	Standoff5	Y	.002	.002	0	0
3	Standoff4	Y	.002	.002	0	0
4	Standoff3	Y	.002	.002	0	0
5	Standoff2	Y	.002	.002	0	0
6	Standoff1	Y	.002	.002	0	0
7	SUPPORT2	Y	.003	.003	0	0
8	SUPPORT1	Y	.003	.003	0	0
9	Rail3	Y	.001	.001	0	0
10	Rail2	Y	.003	.003	0	0
11	Rail1	Y	.003	.003	0	0
12	RUNG6	Y	.0005	.0005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
13	RUNG5	Y	.0005	.0005	0	0
14	RUNG4	Y	.0005	.0005	0	0
15	RUNG3	Y	.0005	.0005	0	0
16	RUNG2	Y	.0005	.0005	0	0
17	RUNG1	Y	.0005	.0005	0	0
18	PLATE3	Y	.001	.001	0	0
19	PLATE2	Y	.001	.001	0	0
20	PLATE1	Y	.001	.001	0	0
21	MP GAMMA6	Y	.002	.002	0	0
22	MP GAMMA5	Y	.002	.002	0	0
23	MP GAMMA4	Y	.002	.002	0	0
24	MP GAMMA3	Y	.002	.002	0	0
25	MP GAMMA2	Y	.002	.002	0	0
26	MP GAMMA1	Y	.002	.002	0	0
27	MP BETA6	Y	.002	.002	0	0
28	MP BETA5	Y	.002	.002	0	0
29	MP BETA4	Y	.002	.002	0	0
30	MP BETA3	Y	.002	.002	0	0
31	MP BETA2	Y	.002	.002	0	0
32	MP BETA1	Y	.002	.002	0	0
33	MP ALPHA8	Y	.002	.002	0	0
34	MP ALPHA7	Y	.002	.002	0	0
35	MP ALPHA6	Y	.002	.002	0	0
36	MP ALPHA5	Y	.002	.002	0	0
37	MP ALPHA4	Y	.002	.002	0	0
38	MP ALPHA3	Y	.002	.002	0	0
39	MP ALPHA2	Y	.002	.002	0	0
40	MP ALPHA1	Y	.002	.002	0	0
41	LADDER2	Y	.002	.002	0	0
42	LADDER1	Y	.002	.002	0	0
43	FACE3	Y	.003	.003	0	0
44	FACE2	Y	.004	.004	0	0
45	FACE1	Y	.004	.004	0	0
46	CORNER3	Y	.003	.003	0	0
47	CORNER2	Y	.003	.003	0	0
48	CORNER1	Y	.003	.003	0	0
49	Standoff6	X	.003	.003	0	0
50	Standoff5	X	.003	.003	0	0
51	Standoff4	X	.003	.003	0	0
52	Standoff3	X	.003	.003	0	0
53	Standoff2	X	.003	.003	0	0
54	Standoff1	X	.003	.003	0	0
55	SUPPORT2	X	.004	.004	0	0
56	SUPPORT1	X	.004	.004	0	0
57	Rail3	X	.002	.002	0	0
58	Rail2	X	.005	.005	0	0
59	Rail1	X	.005	.005	0	0
60	RUNG6	X	.000866	.000866	0	0
61	RUNG5	X	.000866	.000866	0	0
62	RUNG4	X	.000866	.000866	0	0
63	RUNG3	X	.000866	.000866	0	0
64	RUNG2	X	.000866	.000866	0	0
65	RUNG1	X	.000866	.000866	0	0
66	PLATE3	X	.002	.002	0	0
67	PLATE2	X	.002	.002	0	0
68	PLATE1	X	.002	.002	0	0
69	MP GAMMA6	X	.003	.003	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
70	MP GAMMA5	X	.003	.003	0	0
71	MP GAMMA4	X	.003	.003	0	0
72	MP GAMMA3	X	.003	.003	0	0
73	MP GAMMA2	X	.003	.003	0	0
74	MP GAMMA1	X	.003	.003	0	0
75	MP BETA6	X	.003	.003	0	0
76	MP BETA5	X	.003	.003	0	0
77	MP BETA4	X	.003	.003	0	0
78	MP BETA3	X	.003	.003	0	0
79	MP BETA2	X	.003	.003	0	0
80	MP BETA1	X	.003	.003	0	0
81	MP ALPHA8	X	.003	.003	0	0
82	MP ALPHA7	X	.003	.003	0	0
83	MP ALPHA6	X	.003	.003	0	0
84	MP ALPHA5	X	.003	.003	0	0
85	MP ALPHA4	X	.003	.003	0	0
86	MP ALPHA3	X	.003	.003	0	0
87	MP ALPHA2	X	.003	.003	0	0
88	MP ALPHA1	X	.003	.003	0	0
89	LADDER2	X	.003	.003	0	0
90	LADDER1	X	.003	.003	0	0
91	FACE3	X	.004	.004	0	0
92	FACE2	X	.008	.008	0	0
93	FACE1	X	.008	.008	0	0
94	CORNER3	X	.004	.004	0	0
95	CORNER2	X	.004	.004	0	0
96	CORNER1	X	.004	.004	0	0
97	M95	Y	.003	.003	0	0
98	M95	X	.004	.004	0	0
99	M96	Y	.003	.003	0	0
100	M96	X	.004	.004	0	0
101	M103	Y	.001	.001	0	0
102	M103	X	.002	.002	0	0
103	M104	Y	.003	.003	0	0
104	M104	X	.005	.005	0	0
105	M105	Y	.003	.003	0	0
106	M105	X	.005	.005	0	0
107	M106	Y	.001	.001	0	0
108	M106	X	.002	.002	0	0
109	M107	Y	.001	.001	0	0
110	M107	X	.002	.002	0	0
111	M108	Y	.001	.001	0	0
112	M108	X	.002	.002	0	0

Member Distributed Loads (BLC 22 : Wind Load (270))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	X	.005	.005	0	0
2	Standoff5	X	.005	.005	0	0
3	Standoff4	X	.005	.005	0	0
4	Standoff3	X	.005	.005	0	0
5	Standoff2	X	.005	.005	0	0
6	Standoff1	X	.005	.005	0	0
7	SUPPORT2	X	.013	.013	0	0
8	SUPPORT1	X	.013	.013	0	0
9	Rail3	X	.004	.004	0	0
10	Rail2	X	.013	.013	0	0

Member Distributed Loads (BLC 22 : Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
11	Rail1	X	.013	.013	0	0
12	RUNG6	X	.001	.001	0	0
13	RUNG5	X	.001	.001	0	0
14	RUNG4	X	.001	.001	0	0
15	RUNG3	X	.001	.001	0	0
16	RUNG2	X	.001	.001	0	0
17	RUNG1	X	.001	.001	0	0
18	PLATE3	X	.001	.001	0	0
19	PLATE2	X	.001	.001	0	0
20	PLATE1	X	.001	.001	0	0
21	MP GAMMA6	X	.012	.012	0	0
22	MP GAMMA5	X	.012	.012	0	0
23	MP GAMMA4	X	.012	.012	0	0
24	MP GAMMA3	X	.012	.012	0	0
25	MP GAMMA2	X	.012	.012	0	0
26	MP GAMMA1	X	.012	.012	0	0
27	MP BETA6	X	.012	.012	0	0
28	MP BETA5	X	.012	.012	0	0
29	MP BETA4	X	.012	.012	0	0
30	MP BETA3	X	.012	.012	0	0
31	MP BETA2	X	.012	.012	0	0
32	MP BETA1	X	.012	.012	0	0
33	MP ALPHA8	X	.012	.012	0	0
34	MP ALPHA7	X	.012	.012	0	0
35	MP ALPHA6	X	.012	.012	0	0
36	MP ALPHA5	X	.012	.012	0	0
37	MP ALPHA4	X	.012	.012	0	0
38	MP ALPHA3	X	.012	.012	0	0
39	MP ALPHA2	X	.012	.012	0	0
40	MP ALPHA1	X	.012	.012	0	0
41	LADDER2	X	.004	.004	0	0
42	LADDER1	X	.004	.004	0	0
43	FACE3	X	.01	.01	0	0
44	FACE2	X	.01	.01	0	0
45	FACE1	X	.01	.01	0	0
46	CORNER3	X	.013	.013	0	0
47	CORNER2	X	.013	.013	0	0
48	CORNER1	X	.013	.013	0	0
49	M95	X	.013	.013	0	0
50	M96	X	.013	.013	0	0
51	M103	X	.004	.004	0	0
52	M104	X	.013	.013	0	0
53	M105	X	.013	.013	0	0
54	M106	X	.001	.001	0	0
55	M107	X	.001	.001	0	0
56	M108	X	.001	.001	0	0

Member Distributed Loads (BLC 23 : Ice Wind Load (270))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	X	.003	.003	0	0
2	Standoff5	X	.003	.003	0	0
3	Standoff4	X	.003	.003	0	0
4	Standoff3	X	.003	.003	0	0
5	Standoff2	X	.003	.003	0	0
6	Standoff1	X	.003	.003	0	0
7	SUPPORT2	X	.005	.005	0	0

Member Distributed Loads (BLC 23 : Ice Wind Load (270)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
8	SUPPORT1	X	.005	.005	0	0
9	Rail3	X	.002	.002	0	0
10	Rail2	X	.006	.006	0	0
11	Rail1	X	.006	.006	0	0
12	RUNG6	X	.001	.001	0	0
13	RUNG5	X	.001	.001	0	0
14	RUNG4	X	.001	.001	0	0
15	RUNG3	X	.001	.001	0	0
16	RUNG2	X	.001	.001	0	0
17	RUNG1	X	.001	.001	0	0
18	PLATE3	X	.002	.002	0	0
19	PLATE2	X	.002	.002	0	0
20	PLATE1	X	.002	.002	0	0
21	MP GAMMA6	X	.004	.004	0	0
22	MP GAMMA5	X	.004	.004	0	0
23	MP GAMMA4	X	.004	.004	0	0
24	MP GAMMA3	X	.004	.004	0	0
25	MP GAMMA2	X	.004	.004	0	0
26	MP GAMMA1	X	.004	.004	0	0
27	MP BETA6	X	.004	.004	0	0
28	MP BETA5	X	.004	.004	0	0
29	MP BETA4	X	.004	.004	0	0
30	MP BETA3	X	.004	.004	0	0
31	MP BETA2	X	.004	.004	0	0
32	MP BETA1	X	.004	.004	0	0
33	MP ALPHA8	X	.004	.004	0	0
34	MP ALPHA7	X	.004	.004	0	0
35	MP ALPHA6	X	.004	.004	0	0
36	MP ALPHA5	X	.004	.004	0	0
37	MP ALPHA4	X	.004	.004	0	0
38	MP ALPHA3	X	.004	.004	0	0
39	MP ALPHA2	X	.004	.004	0	0
40	MP ALPHA1	X	.004	.004	0	0
41	LADDER2	X	.003	.003	0	0
42	LADDER1	X	.003	.003	0	0
43	FACE3	X	.005	.005	0	0
44	FACE2	X	.009	.009	0	0
45	FACE1	X	.009	.009	0	0
46	CORNER3	X	.005	.005	0	0
47	CORNER2	X	.005	.005	0	0
48	CORNER1	X	.005	.005	0	0
49	M95	X	.005	.005	0	0
50	M96	X	.005	.005	0	0
51	M103	X	.002	.002	0	0
52	M104	X	.006	.006	0	0
53	M105	X	.006	.006	0	0
54	M106	X	.002	.002	0	0
55	M107	X	.002	.002	0	0
56	M108	X	.002	.002	0	0

Member Distributed Loads (BLC 24 : Wind Load (300))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.003	-.003	0	0
2	Standoff5	Y	-.003	-.003	0	0
3	Standoff4	Y	-.003	-.003	0	0
4	Standoff3	Y	-.003	-.003	0	0

Member Distributed Loads (BLC 24 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
5	Standoff2	Y	-.003	-.003	0	0
6	Standoff1	Y	-.003	-.003	0	0
7	SUPPORT2	Y	-.006	-.006	0	0
8	SUPPORT1	Y	-.006	-.006	0	0
9	Rail3	Y	-.002	-.002	0	0
10	Rail2	Y	-.006	-.006	0	0
11	Rail1	Y	-.006	-.006	0	0
12	RUNG6	Y	-.0005	-.0005	0	0
13	RUNG5	Y	-.0005	-.0005	0	0
14	RUNG4	Y	-.0005	-.0005	0	0
15	RUNG3	Y	-.0005	-.0005	0	0
16	RUNG2	Y	-.0005	-.0005	0	0
17	RUNG1	Y	-.0005	-.0005	0	0
18	PLATE3	Y	-.0005	-.0005	0	0
19	PLATE2	Y	-.0005	-.0005	0	0
20	PLATE1	Y	-.0005	-.0005	0	0
21	MP GAMMA6	Y	-.006	-.006	0	0
22	MP GAMMA5	Y	-.006	-.006	0	0
23	MP GAMMA4	Y	-.006	-.006	0	0
24	MP GAMMA3	Y	-.006	-.006	0	0
25	MP GAMMA2	Y	-.006	-.006	0	0
26	MP GAMMA1	Y	-.006	-.006	0	0
27	MP BETA6	Y	-.006	-.006	0	0
28	MP BETA5	Y	-.006	-.006	0	0
29	MP BETA4	Y	-.006	-.006	0	0
30	MP BETA3	Y	-.006	-.006	0	0
31	MP BETA2	Y	-.006	-.006	0	0
32	MP BETA1	Y	-.006	-.006	0	0
33	MP ALPHA8	Y	-.006	-.006	0	0
34	MP ALPHA7	Y	-.006	-.006	0	0
35	MP ALPHA6	Y	-.006	-.006	0	0
36	MP ALPHA5	Y	-.006	-.006	0	0
37	MP ALPHA4	Y	-.006	-.006	0	0
38	MP ALPHA3	Y	-.006	-.006	0	0
39	MP ALPHA2	Y	-.006	-.006	0	0
40	MP ALPHA1	Y	-.006	-.006	0	0
41	LADDER2	Y	-.002	-.002	0	0
42	LADDER1	Y	-.002	-.002	0	0
43	FACE3	Y	-.005	-.005	0	0
44	FACE2	Y	-.005	-.005	0	0
45	FACE1	Y	-.005	-.005	0	0
46	CORNER3	Y	-.006	-.006	0	0
47	CORNER2	Y	-.006	-.006	0	0
48	CORNER1	Y	-.006	-.006	0	0
49	Standoff6	X	.004	.004	0	0
50	Standoff5	X	.004	.004	0	0
51	Standoff4	X	.004	.004	0	0
52	Standoff3	X	.004	.004	0	0
53	Standoff2	X	.004	.004	0	0
54	Standoff1	X	.004	.004	0	0
55	SUPPORT2	X	.011	.011	0	0
56	SUPPORT1	X	.011	.011	0	0
57	Rail3	X	.003	.003	0	0
58	Rail2	X	.011	.011	0	0
59	Rail1	X	.011	.011	0	0
60	RUNG6	X	.000866	.000866	0	0
61	RUNG5	X	.000866	.000866	0	0

Member Distributed Loads (BLC 24 : Wind Load (300)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
62	RUNG4	X	.000866	.000866	0	0
63	RUNG3	X	.000866	.000866	0	0
64	RUNG2	X	.000866	.000866	0	0
65	RUNG1	X	.000866	.000866	0	0
66	PLATE3	X	.000866	.000866	0	0
67	PLATE2	X	.000866	.000866	0	0
68	PLATE1	X	.000866	.000866	0	0
69	MP GAMMA6	X	.01	.01	0	0
70	MP GAMMA5	X	.01	.01	0	0
71	MP GAMMA4	X	.01	.01	0	0
72	MP GAMMA3	X	.01	.01	0	0
73	MP GAMMA2	X	.01	.01	0	0
74	MP GAMMA1	X	.01	.01	0	0
75	MP BETA6	X	.01	.01	0	0
76	MP BETA5	X	.01	.01	0	0
77	MP BETA4	X	.01	.01	0	0
78	MP BETA3	X	.01	.01	0	0
79	MP BETA2	X	.01	.01	0	0
80	MP BETA1	X	.01	.01	0	0
81	MP ALPHA8	X	.01	.01	0	0
82	MP ALPHA7	X	.01	.01	0	0
83	MP ALPHA6	X	.01	.01	0	0
84	MP ALPHA5	X	.01	.01	0	0
85	MP ALPHA4	X	.01	.01	0	0
86	MP ALPHA3	X	.01	.01	0	0
87	MP ALPHA2	X	.01	.01	0	0
88	MP ALPHA1	X	.01	.01	0	0
89	LADDER2	X	.003	.003	0	0
90	LADDER1	X	.003	.003	0	0
91	FACE3	X	.009	.009	0	0
92	FACE2	X	.009	.009	0	0
93	FACE1	X	.009	.009	0	0
94	CORNER3	X	.011	.011	0	0
95	CORNER2	X	.011	.011	0	0
96	CORNER1	X	.011	.011	0	0
97	M95	Y	-.006	-.006	0	0
98	M95	X	.011	.011	0	0
99	M96	Y	-.006	-.006	0	0
100	M96	X	.011	.011	0	0
101	M103	Y	-.002	-.002	0	0
102	M103	X	.003	.003	0	0
103	M104	Y	-.006	-.006	0	0
104	M104	X	.011	.011	0	0
105	M105	Y	-.006	-.006	0	0
106	M105	X	.011	.011	0	0
107	M106	Y	-.0005	-.0005	0	0
108	M106	X	.000866	.000866	0	0
109	M107	Y	-.0005	-.0005	0	0
110	M107	X	.000866	.000866	0	0
111	M108	Y	-.0005	-.0005	0	0
112	M108	X	.000866	.000866	0	0

Member Distributed Loads (BLC 25 : Ice Wind Load (300))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.002	-.002	0	0
2	Standoff5	Y	-.002	-.002	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
3	Standoff4	Y	-.002	-.002	0	0
4	Standoff3	Y	-.002	-.002	0	0
5	Standoff2	Y	-.002	-.002	0	0
6	Standoff1	Y	-.002	-.002	0	0
7	SUPPORT2	Y	-.003	-.003	0	0
8	SUPPORT1	Y	-.003	-.003	0	0
9	Rail3	Y	-.001	-.001	0	0
10	Rail2	Y	-.003	-.003	0	0
11	Rail1	Y	-.003	-.003	0	0
12	RUNG6	Y	-.0005	-.0005	0	0
13	RUNG5	Y	-.0005	-.0005	0	0
14	RUNG4	Y	-.0005	-.0005	0	0
15	RUNG3	Y	-.0005	-.0005	0	0
16	RUNG2	Y	-.0005	-.0005	0	0
17	RUNG1	Y	-.0005	-.0005	0	0
18	PLATE3	Y	-.001	-.001	0	0
19	PLATE2	Y	-.001	-.001	0	0
20	PLATE1	Y	-.001	-.001	0	0
21	MP GAMMA6	Y	-.002	-.002	0	0
22	MP GAMMA5	Y	-.002	-.002	0	0
23	MP GAMMA4	Y	-.002	-.002	0	0
24	MP GAMMA3	Y	-.002	-.002	0	0
25	MP GAMMA2	Y	-.002	-.002	0	0
26	MP GAMMA1	Y	-.002	-.002	0	0
27	MP BETA6	Y	-.002	-.002	0	0
28	MP BETA5	Y	-.002	-.002	0	0
29	MP BETA4	Y	-.002	-.002	0	0
30	MP BETA3	Y	-.002	-.002	0	0
31	MP BETA2	Y	-.002	-.002	0	0
32	MP BETA1	Y	-.002	-.002	0	0
33	MP ALPHA8	Y	-.002	-.002	0	0
34	MP ALPHA7	Y	-.002	-.002	0	0
35	MP ALPHA6	Y	-.002	-.002	0	0
36	MP ALPHA5	Y	-.002	-.002	0	0
37	MP ALPHA4	Y	-.002	-.002	0	0
38	MP ALPHA3	Y	-.002	-.002	0	0
39	MP ALPHA2	Y	-.002	-.002	0	0
40	MP ALPHA1	Y	-.002	-.002	0	0
41	LADDER2	Y	-.002	-.002	0	0
42	LADDER1	Y	-.002	-.002	0	0
43	FACE3	Y	-.003	-.003	0	0
44	FACE2	Y	-.004	-.004	0	0
45	FACE1	Y	-.004	-.004	0	0
46	CORNER3	Y	-.003	-.003	0	0
47	CORNER2	Y	-.003	-.003	0	0
48	CORNER1	Y	-.003	-.003	0	0
49	Standoff6	X	.003	.003	0	0
50	Standoff5	X	.003	.003	0	0
51	Standoff4	X	.003	.003	0	0
52	Standoff3	X	.003	.003	0	0
53	Standoff2	X	.003	.003	0	0
54	Standoff1	X	.003	.003	0	0
55	SUPPORT2	X	.004	.004	0	0
56	SUPPORT1	X	.004	.004	0	0
57	Rail3	X	.002	.002	0	0
58	Rail2	X	.005	.005	0	0
59	Rail1	X	.005	.005	0	0

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

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
60	RUNG6	X	.000866	.000866	0	0
61	RUNG5	X	.000866	.000866	0	0
62	RUNG4	X	.000866	.000866	0	0
63	RUNG3	X	.000866	.000866	0	0
64	RUNG2	X	.000866	.000866	0	0
65	RUNG1	X	.000866	.000866	0	0
66	PLATE3	X	.002	.002	0	0
67	PLATE2	X	.002	.002	0	0
68	PLATE1	X	.002	.002	0	0
69	MP GAMMA6	X	.003	.003	0	0
70	MP GAMMA5	X	.003	.003	0	0
71	MP GAMMA4	X	.003	.003	0	0
72	MP GAMMA3	X	.003	.003	0	0
73	MP GAMMA2	X	.003	.003	0	0
74	MP GAMMA1	X	.003	.003	0	0
75	MP BETA6	X	.003	.003	0	0
76	MP BETA5	X	.003	.003	0	0
77	MP BETA4	X	.003	.003	0	0
78	MP BETA3	X	.003	.003	0	0
79	MP BETA2	X	.003	.003	0	0
80	MP BETA1	X	.003	.003	0	0
81	MP ALPHA8	X	.003	.003	0	0
82	MP ALPHA7	X	.003	.003	0	0
83	MP ALPHA6	X	.003	.003	0	0
84	MP ALPHA5	X	.003	.003	0	0
85	MP ALPHA4	X	.003	.003	0	0
86	MP ALPHA3	X	.003	.003	0	0
87	MP ALPHA2	X	.003	.003	0	0
88	MP ALPHA1	X	.003	.003	0	0
89	LADDER2	X	.003	.003	0	0
90	LADDER1	X	.003	.003	0	0
91	FACE3	X	.004	.004	0	0
92	FACE2	X	.008	.008	0	0
93	FACE1	X	.008	.008	0	0
94	CORNER3	X	.004	.004	0	0
95	CORNER2	X	.004	.004	0	0
96	CORNER1	X	.004	.004	0	0
97	M95	Y	-.003	-.003	0	0
98	M95	X	.004	.004	0	0
99	M96	Y	-.003	-.003	0	0
100	M96	X	.004	.004	0	0
101	M103	Y	-.001	-.001	0	0
102	M103	X	.002	.002	0	0
103	M104	Y	-.003	-.003	0	0
104	M104	X	.005	.005	0	0
105	M105	Y	-.003	-.003	0	0
106	M105	X	.005	.005	0	0
107	M106	Y	-.001	-.001	0	0
108	M106	X	.002	.002	0	0
109	M107	Y	-.001	-.001	0	0
110	M107	X	.002	.002	0	0
111	M108	Y	-.001	-.001	0	0
112	M108	X	.002	.002	0	0

Member Distributed Loads (BLC 26 : Wind Load (330))

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

Member Distributed Loads (BLC 26 : Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.004	-.004	0	0
2	Standoff5	Y	-.004	-.004	0	0
3	Standoff4	Y	-.004	-.004	0	0
4	Standoff3	Y	-.004	-.004	0	0
5	Standoff2	Y	-.004	-.004	0	0
6	Standoff1	Y	-.004	-.004	0	0
7	SUPPORT2	Y	-.011	-.011	0	0
8	SUPPORT1	Y	-.011	-.011	0	0
9	Rail3	Y	-.003	-.003	0	0
10	Rail2	Y	-.011	-.011	0	0
11	Rail1	Y	-.011	-.011	0	0
12	RUNG6	Y	-.000866	-.000866	0	0
13	RUNG5	Y	-.000866	-.000866	0	0
14	RUNG4	Y	-.000866	-.000866	0	0
15	RUNG3	Y	-.000866	-.000866	0	0
16	RUNG2	Y	-.000866	-.000866	0	0
17	RUNG1	Y	-.000866	-.000866	0	0
18	PLATE3	Y	-.000866	-.000866	0	0
19	PLATE2	Y	-.000866	-.000866	0	0
20	PLATE1	Y	-.000866	-.000866	0	0
21	MP GAMMA6	Y	-.01	-.01	0	0
22	MP GAMMA5	Y	-.01	-.01	0	0
23	MP GAMMA4	Y	-.01	-.01	0	0
24	MP GAMMA3	Y	-.01	-.01	0	0
25	MP GAMMA2	Y	-.01	-.01	0	0
26	MP GAMMA1	Y	-.01	-.01	0	0
27	MP BETA6	Y	-.01	-.01	0	0
28	MP BETA5	Y	-.01	-.01	0	0
29	MP BETA4	Y	-.01	-.01	0	0
30	MP BETA3	Y	-.01	-.01	0	0
31	MP BETA2	Y	-.01	-.01	0	0
32	MP BETA1	Y	-.01	-.01	0	0
33	MP ALPHA8	Y	-.01	-.01	0	0
34	MP ALPHA7	Y	-.01	-.01	0	0
35	MP ALPHA6	Y	-.01	-.01	0	0
36	MP ALPHA5	Y	-.01	-.01	0	0
37	MP ALPHA4	Y	-.01	-.01	0	0
38	MP ALPHA3	Y	-.01	-.01	0	0
39	MP ALPHA2	Y	-.01	-.01	0	0
40	MP ALPHA1	Y	-.01	-.01	0	0
41	LADDER2	Y	-.003	-.003	0	0
42	LADDER1	Y	-.003	-.003	0	0
43	FACE3	Y	-.009	-.009	0	0
44	FACE2	Y	-.009	-.009	0	0
45	FACE1	Y	-.009	-.009	0	0
46	CORNER3	Y	-.011	-.011	0	0
47	CORNER2	Y	-.011	-.011	0	0
48	CORNER1	Y	-.011	-.011	0	0
49	Standoff6	X	.003	.003	0	0
50	Standoff5	X	.003	.003	0	0
51	Standoff4	X	.003	.003	0	0
52	Standoff3	X	.003	.003	0	0
53	Standoff2	X	.003	.003	0	0
54	Standoff1	X	.003	.003	0	0
55	SUPPORT2	X	.006	.006	0	0
56	SUPPORT1	X	.006	.006	0	0
57	Rail3	X	.002	.002	0	0

Member Distributed Loads (BLC 26 : Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	Rail2	X	.006	.006	0	0
59	Rail1	X	.006	.006	0	0
60	RUNG6	X	.0005	.0005	0	0
61	RUNG5	X	.0005	.0005	0	0
62	RUNG4	X	.0005	.0005	0	0
63	RUNG3	X	.0005	.0005	0	0
64	RUNG2	X	.0005	.0005	0	0
65	RUNG1	X	.0005	.0005	0	0
66	PLATE3	X	.0005	.0005	0	0
67	PLATE2	X	.0005	.0005	0	0
68	PLATE1	X	.0005	.0005	0	0
69	MP GAMMA6	X	.006	.006	0	0
70	MP GAMMA5	X	.006	.006	0	0
71	MP GAMMA4	X	.006	.006	0	0
72	MP GAMMA3	X	.006	.006	0	0
73	MP GAMMA2	X	.006	.006	0	0
74	MP GAMMA1	X	.006	.006	0	0
75	MP BETA6	X	.006	.006	0	0
76	MP BETA5	X	.006	.006	0	0
77	MP BETA4	X	.006	.006	0	0
78	MP BETA3	X	.006	.006	0	0
79	MP BETA2	X	.006	.006	0	0
80	MP BETA1	X	.006	.006	0	0
81	MP ALPHA8	X	.006	.006	0	0
82	MP ALPHA7	X	.006	.006	0	0
83	MP ALPHA6	X	.006	.006	0	0
84	MP ALPHA5	X	.006	.006	0	0
85	MP ALPHA4	X	.006	.006	0	0
86	MP ALPHA3	X	.006	.006	0	0
87	MP ALPHA2	X	.006	.006	0	0
88	MP ALPHA1	X	.006	.006	0	0
89	LADDER2	X	.002	.002	0	0
90	LADDER1	X	.002	.002	0	0
91	FACE3	X	.005	.005	0	0
92	FACE2	X	.005	.005	0	0
93	FACE1	X	.005	.005	0	0
94	CORNER3	X	.006	.006	0	0
95	CORNER2	X	.006	.006	0	0
96	CORNER1	X	.006	.006	0	0
97	M95	Y	-.011	-.011	0	0
98	M95	X	.006	.006	0	0
99	M96	Y	-.011	-.011	0	0
100	M96	X	.006	.006	0	0
101	M103	Y	-.003	-.003	0	0
102	M103	X	.002	.002	0	0
103	M104	Y	-.011	-.011	0	0
104	M104	X	.006	.006	0	0
105	M105	Y	-.011	-.011	0	0
106	M105	X	.006	.006	0	0
107	M106	Y	-.000866	-.000866	0	0
108	M106	X	.0005	.0005	0	0
109	M107	Y	-.000866	-.000866	0	0
110	M107	X	.0005	.0005	0	0
111	M108	Y	-.000866	-.000866	0	0
112	M108	X	.0005	.0005	0	0

Member Distributed Loads (BLC 27 : Ice Wind Load (330))

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	Standoff6	Y	-.003	-.003	0	0
2	Standoff5	Y	-.003	-.003	0	0
3	Standoff4	Y	-.003	-.003	0	0
4	Standoff3	Y	-.003	-.003	0	0
5	Standoff2	Y	-.003	-.003	0	0
6	Standoff1	Y	-.003	-.003	0	0
7	SUPPORT2	Y	-.004	-.004	0	0
8	SUPPORT1	Y	-.004	-.004	0	0
9	Rail3	Y	-.002	-.002	0	0
10	Rail2	Y	-.005	-.005	0	0
11	Rail1	Y	-.005	-.005	0	0
12	RUNG6	Y	-.000866	-.000866	0	0
13	RUNG5	Y	-.000866	-.000866	0	0
14	RUNG4	Y	-.000866	-.000866	0	0
15	RUNG3	Y	-.000866	-.000866	0	0
16	RUNG2	Y	-.000866	-.000866	0	0
17	RUNG1	Y	-.000866	-.000866	0	0
18	PLATE3	Y	-.002	-.002	0	0
19	PLATE2	Y	-.002	-.002	0	0
20	PLATE1	Y	-.002	-.002	0	0
21	MP GAMMA6	Y	-.003	-.003	0	0
22	MP GAMMA5	Y	-.003	-.003	0	0
23	MP GAMMA4	Y	-.003	-.003	0	0
24	MP GAMMA3	Y	-.003	-.003	0	0
25	MP GAMMA2	Y	-.003	-.003	0	0
26	MP GAMMA1	Y	-.003	-.003	0	0
27	MP BETA6	Y	-.003	-.003	0	0
28	MP BETA5	Y	-.003	-.003	0	0
29	MP BETA4	Y	-.003	-.003	0	0
30	MP BETA3	Y	-.003	-.003	0	0
31	MP BETA2	Y	-.003	-.003	0	0
32	MP BETA1	Y	-.003	-.003	0	0
33	MP ALPHA8	Y	-.003	-.003	0	0
34	MP ALPHA7	Y	-.003	-.003	0	0
35	MP ALPHA6	Y	-.003	-.003	0	0
36	MP ALPHA5	Y	-.003	-.003	0	0
37	MP ALPHA4	Y	-.003	-.003	0	0
38	MP ALPHA3	Y	-.003	-.003	0	0
39	MP ALPHA2	Y	-.003	-.003	0	0
40	MP ALPHA1	Y	-.003	-.003	0	0
41	LADDER2	Y	-.003	-.003	0	0
42	LADDER1	Y	-.003	-.003	0	0
43	FACE3	Y	-.004	-.004	0	0
44	FACE2	Y	-.008	-.008	0	0
45	FACE1	Y	-.008	-.008	0	0
46	CORNER3	Y	-.004	-.004	0	0
47	CORNER2	Y	-.004	-.004	0	0
48	CORNER1	Y	-.004	-.004	0	0
49	Standoff6	X	.002	.002	0	0
50	Standoff5	X	.002	.002	0	0
51	Standoff4	X	.002	.002	0	0
52	Standoff3	X	.002	.002	0	0
53	Standoff2	X	.002	.002	0	0
54	Standoff1	X	.002	.002	0	0
55	SUPPORT2	X	.003	.003	0	0
56	SUPPORT1	X	.003	.003	0	0
57	Rail3	X	.001	.001	0	0

Member Distributed Loads (BLC 27 : Ice Wind Load (330)) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	Rail2	X	.003	.003	0	0
59	Rail1	X	.003	.003	0	0
60	RUNG6	X	.0005	.0005	0	0
61	RUNG5	X	.0005	.0005	0	0
62	RUNG4	X	.0005	.0005	0	0
63	RUNG3	X	.0005	.0005	0	0
64	RUNG2	X	.0005	.0005	0	0
65	RUNG1	X	.0005	.0005	0	0
66	PLATE3	X	.001	.001	0	0
67	PLATE2	X	.001	.001	0	0
68	PLATE1	X	.001	.001	0	0
69	MP GAMMA6	X	.002	.002	0	0
70	MP GAMMA5	X	.002	.002	0	0
71	MP GAMMA4	X	.002	.002	0	0
72	MP GAMMA3	X	.002	.002	0	0
73	MP GAMMA2	X	.002	.002	0	0
74	MP GAMMA1	X	.002	.002	0	0
75	MP BETA6	X	.002	.002	0	0
76	MP BETA5	X	.002	.002	0	0
77	MP BETA4	X	.002	.002	0	0
78	MP BETA3	X	.002	.002	0	0
79	MP BETA2	X	.002	.002	0	0
80	MP BETA1	X	.002	.002	0	0
81	MP ALPHA8	X	.002	.002	0	0
82	MP ALPHA7	X	.002	.002	0	0
83	MP ALPHA6	X	.002	.002	0	0
84	MP ALPHA5	X	.002	.002	0	0
85	MP ALPHA4	X	.002	.002	0	0
86	MP ALPHA3	X	.002	.002	0	0
87	MP ALPHA2	X	.002	.002	0	0
88	MP ALPHA1	X	.002	.002	0	0
89	LADDER2	X	.002	.002	0	0
90	LADDER1	X	.002	.002	0	0
91	FACE3	X	.003	.003	0	0
92	FACE2	X	.004	.004	0	0
93	FACE1	X	.004	.004	0	0
94	CORNER3	X	.003	.003	0	0
95	CORNER2	X	.003	.003	0	0
96	CORNER1	X	.003	.003	0	0
97	M95	Y	-.004	-.004	0	0
98	M95	X	.003	.003	0	0
99	M96	Y	-.004	-.004	0	0
100	M96	X	.003	.003	0	0
101	M103	Y	-.002	-.002	0	0
102	M103	X	.001	.001	0	0
103	M104	Y	-.005	-.005	0	0
104	M104	X	.003	.003	0	0
105	M105	Y	-.005	-.005	0	0
106	M105	X	.003	.003	0	0
107	M106	Y	-.002	-.002	0	0
108	M106	X	.001	.001	0	0
109	M107	Y	-.002	-.002	0	0
110	M107	X	.001	.001	0	0
111	M108	Y	-.002	-.002	0	0
112	M108	X	.001	.001	0	0

Member Distributed Loads (BLC 40 : BLC 2 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUPPORT1	Z	-.006	-.006	.891	2.262
2	FACE3	Z	-.055	-.018	.486	.607
3	FACE3	Z	-.018	.001	.607	.729
4	FACE3	Z	.001	.001	.729	.85
5	FACE3	Z	.001	.001	.85	.971
6	FACE3	Z	.001	.001	.971	1.092
7	FACE3	Z	.001	-.015	1.092	1.213
8	FACE3	Z	-.015	-.024	1.213	1.334
9	FACE3	Z	-.024	-.008	1.334	1.455
10	FACE3	Z	-.008	.001	1.455	1.576
11	FACE3	Z	.001	-.008	1.576	1.697
12	FACE3	Z	-.008	-.024	1.697	1.819
13	FACE3	Z	-.024	-.015	1.819	1.94
14	FACE3	Z	-.015	.001	1.94	2.061
15	FACE3	Z	.001	.001	2.061	2.182
16	FACE3	Z	.001	.001	2.182	2.303
17	FACE3	Z	.001	.001	2.303	2.424
18	FACE3	Z	.001	-.018	2.424	2.545
19	FACE3	Z	-.018	-.055	2.545	2.666
20	FACE1	Z	-.0002754	-.004	0	1.625
21	FACE1	Z	-.004	-.009	1.625	3.25
22	SUPPORT2	Z	-.007	-.007	.014	1.75
23	SUPPORT1	Z	-.007	-.006	0	.946
24	SUPPORT1	Z	-.006	-.004	.946	1.892
25	FACE3	Z	0	-.003	2.167	3.033
26	FACE3	Z	-.003	-.005	3.033	3.9
27	FACE3	Z	-.005	-.002	3.9	4.767
28	FACE3	Z	-.002	-.0002949	4.767	5.633
29	FACE3	Z	-.0002949	0	5.633	6.5
30	CORNER1	Z	-5.397e-5	-.007	2.069	2.69
31	CORNER1	Z	-.007	-.011	2.69	3.311
32	CORNER1	Z	-.011	-.006	3.311	3.932
33	CORNER1	Z	-.006	-.002	3.932	4.553
34	CORNER1	Z	-.002	-5.397e-5	4.553	5.174
35	32	Z	.0007137	-.007	0	.125
36	32	Z	-.007	-.018	.125	.25
37	FACE3	Z	-.009	-.009	6.5	7.944
38	FACE3	Z	-.009	-.008	7.944	9.389
39	FACE3	Z	-.008	-.006	9.389	10.833
40	FACE2	Z	-.0002955	-.002	4.333	5.633
41	FACE2	Z	-.002	-.008	5.633	6.933
42	FACE2	Z	-.008	-.012	6.933	8.233
43	FACE2	Z	-.012	-.007	8.233	9.533
44	FACE2	Z	-.007	-.0002955	9.533	10.833
45	CORNER3	Z	-.004	-.007	0	1.035
46	CORNER3	Z	-.007	-.011	1.035	2.069
47	CORNER3	Z	-.011	-.012	2.069	3.104
48	CORNER3	Z	-.012	-.006	3.104	4.139
49	CORNER3	Z	-.006	-.0003064	4.139	5.174
50	31	Z	.000481	-.006	0	.125
51	31	Z	-.006	-.015	.125	.25
52	FACE2	Z	-.004	-.008	0	1.083
53	FACE2	Z	-.008	-.013	1.083	2.167
54	FACE2	Z	-.013	-.011	2.167	3.25
55	FACE2	Z	-.011	-.006	3.25	4.333
56	FACE2	Z	-.006	-.005	4.333	5.417
57	FACE1	Z	-.003	-.008	5.416	7.222

Member Distributed Loads (BLC 40 : BLC 2 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
58	FACE1	Z	-.008	-.007	7.222	9.027
59	FACE1	Z	-.007	-.001	9.027	10.833
60	CORNER2	Z	-.0009849	-.01	.517	1.897
61	CORNER2	Z	-.01	-.013	1.897	3.277
62	CORNER2	Z	-.013	-.008	3.277	4.656

Member Distributed Loads (BLC 41 : BLC 5 Transient Area Loads)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
1	SUPPORT1	Z	-.008	-.008	.891	2.262
2	FACE3	Z	-.082	-.026	.486	.607
3	FACE3	Z	-.026	.002	.607	.729
4	FACE3	Z	.002	.002	.729	.85
5	FACE3	Z	.002	.002	.85	.971
6	FACE3	Z	.002	.002	.971	1.092
7	FACE3	Z	.002	-.022	1.092	1.213
8	FACE3	Z	-.022	-.036	1.213	1.334
9	FACE3	Z	-.036	-.012	1.334	1.455
10	FACE3	Z	-.012	.002	1.455	1.576
11	FACE3	Z	.002	-.012	1.576	1.697
12	FACE3	Z	-.012	-.036	1.697	1.819
13	FACE3	Z	-.036	-.022	1.819	1.94
14	FACE3	Z	-.022	.002	1.94	2.061
15	FACE3	Z	.002	.002	2.061	2.182
16	FACE3	Z	.002	.002	2.182	2.303
17	FACE3	Z	.002	.002	2.303	2.424
18	FACE3	Z	.002	-.026	2.424	2.545
19	FACE3	Z	-.026	-.082	2.545	2.666
20	FACE1	Z	-.0004131	-.007	0	1.625
21	FACE1	Z	-.007	-.013	1.625	3.25
22	SUPPORT2	Z	-.01	-.01	.014	1.75
23	SUPPORT1	Z	-.011	-.009	0	.946
24	SUPPORT1	Z	-.009	-.006	.946	1.892
25	FACE3	Z	4.003e-19	-.004	2.167	3.033
26	FACE3	Z	-.004	-.007	3.033	3.9
27	FACE3	Z	-.007	-.003	3.9	4.767
28	FACE3	Z	-.003	-.0004423	4.767	5.633
29	FACE3	Z	-.0004423	4.003e-19	5.633	6.5
30	CORNER1	Z	-8.096e-5	-.01	2.069	2.69
31	CORNER1	Z	-.01	-.016	2.69	3.311
32	CORNER1	Z	-.016	-.009	3.311	3.932
33	CORNER1	Z	-.009	-.003	3.932	4.553
34	CORNER1	Z	-.003	-8.096e-5	4.553	5.174
35	32	Z	.001	-.01	0	.125
36	32	Z	-.01	-.026	.125	.25
37	FACE3	Z	-.014	-.014	6.5	7.944
38	FACE3	Z	-.014	-.012	7.944	9.389
39	FACE3	Z	-.012	-.009	9.389	10.833
40	FACE2	Z	-.0004433	-.003	4.333	5.633
41	FACE2	Z	-.003	-.012	5.633	6.933
42	FACE2	Z	-.012	-.018	6.933	8.233
43	FACE2	Z	-.018	-.011	8.233	9.533
44	FACE2	Z	-.011	-.0004433	9.533	10.833
45	CORNER3	Z	-.006	-.01	0	1.035
46	CORNER3	Z	-.01	-.017	1.035	2.069
47	CORNER3	Z	-.017	-.019	2.069	3.104
48	CORNER3	Z	-.019	-.009	3.104	4.139

Member Distributed Loads (BLC 41 : BLC 5 Transient Area Loads) (Continued)

	Member Label	Direction	Start Magnitude[k/ft,...	End Magnitude[k/ft,F...	Start Location[ft,%]	End Location[ft,%]
49	CORNER3	Z	-.009	-.0004596	4.139	5.174
50	31	Z	.0007215	-.009	0	.125
51	31	Z	-.009	-.023	.125	.25
52	FACE2	Z	-.002	-.014	0	1.083
53	FACE2	Z	-.014	-.017	1.083	2.167
54	FACE2	Z	-.017	-.015	2.167	3.25
55	FACE2	Z	-.015	-.013	3.25	4.333
56	FACE2	Z	-.013	-.006	4.333	5.417
57	FACE1	Z	-.001	-.015	5.416	7.222
58	FACE1	Z	-.015	-.015	7.222	9.027
59	FACE1	Z	-.015	-.001	9.027	10.833
60	CORNER2	Z	-.002	-.013	.517	2.069
61	CORNER2	Z	-.013	-.014	2.069	3.621
62	CORNER2	Z	-.014	-.005	3.621	5.174

Member Area Loads (BLC 2 : Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N1	N35	N34		Z	Two Way	-.01
2	N34	N36	N37	N7	Z	Two Way	-.01
3	N4	N5	N3		Z	Two Way	-.01
4	N8	N9	N2		Z	Two Way	-.01

Member Area Loads (BLC 5 : Ice Dead Load)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	N1	N35	N34		Z	Two Way	-.015
2	N34	N36	N37	N7	Z	Two Way	-.015
3	N4	N5	N3		Z	Two Way	-.015
4	N8	N9	N2		Z	Two Way	-.015

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
1	Wind Load (0)	WL					14	56		
2	Dead Load	DL			-1.1		14		4	
3	Live Load	LL					7			
4	Ice Wind Load (0)	OL1					14	56		
5	Ice Dead Load	OL2					14	50	4	
6	Wind Load (30)	WL					28	112		
7	Ice Wind Load (30)	OL1					28	112		
8	Wind Load (60)	WL					28	112		
9	Ice Wind Load (60)	OL1					28	112		
10	Wind Load (90)	WL					14	56		
11	Ice Wind Load (90)	OL1					14	56		
12	Wind Load (120)	WL					28	112		
13	Ice Wind Load (120)	OL1					28	112		
14	Wind Load (150)	WL					28	112		
15	Ice Wind Load (150)	OL1					28	112		
16	Wind Load (180)	WL					14	56		
17	Ice Wind Load (180)	OL1					14	56		
18	Wind Load (210)	WL					28	112		
19	Ice Wind Load (210)	OL1					28	112		
20	Wind Load (240)	WL					28	112		
21	Ice Wind Load (240)	OL1					28	112		
22	Wind Load (270)	WL					14	56		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distributed	Area(Me...	Surface(P...
23	Ice Wind Load (270)	OL1					14	56		
24	Wind Load (300)	WL					28	112		
25	Ice Wind Load (300)	OL1					28	112		
26	Wind Load (330)	WL					28	112		
27	Ice Wind Load (330)	OL1					28	112		
28	Maintanence (0)	OL3					14			
29	Maintanence (30)	OL3					28			
30	Maintanence (60)	OL3					28			
31	Maintanence (90)	OL3					14			
32	Maintanence (120)	OL3					28			
33	Maintanence (150)	OL3					28			
34	Maintanence (180)	OL3					14			
35	Maintanence (210)	OL3					28			
36	Maintanence (240)	OL3					28			
37	Maintanence (270)	OL3					14			
38	Maintanence (300)	OL3					28			
39	Maintanence (330)	OL3					28			
40	BLC 2 Transient Area...	None						62		
41	BLC 5 Transient Area...	None						62		

Load Combinations

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
1	1.4D	Yes	Y		2	1.4																		
2	1.2D + 1.6W(0)	Yes	Y		2	1.2	1	1.6																
3	1.2D + 1.0Di + 1.0Wi(0)	Yes	Y		2	1.2	5	1	4	1														
4	1.2D + 1.5L + 1.0Wl(0)	Yes	Y		2	1.2	3	1.5	28	1														
5	1.2D + 1.6W(30)	Yes	Y		2	1.2	6	1.6																
6	1.2D + 1.0Di + 1.0Wi(30)	Yes	Y		2	1.2	5	1	7	1														
7	1.2D + 1.5L + 1.0Wl(30)	Yes	Y		2	1.2	3	1.5	29	1														
8	1.2D + 1.6W(60)	Yes	Y		2	1.2	8	1.6																
9	1.2D + 1.0Di + 1.0Wi(60)	Yes	Y		2	1.2	5	1	9	1														
10	1.2D + 1.5L + 1.0Wl(60)	Yes	Y		2	1.2	3	1.5	30	1														
11	1.2D + 1.6W(90)	Yes	Y		2	1.2	10	1.6																
12	1.2D + 1.0Di + 1.0Wi(90)	Yes	Y		2	1.2	5	1	11	1														
13	1.2D + 1.5L + 1.0Wl(90)	Yes	Y		2	1.2	3	1.5	31	1														
14	1.2D + 1.6W(120)	Yes	Y		2	1.2	12	1.6																
15	1.2D + 1.0Di + 1.0Wi(120)	Yes	Y		2	1.2	5	1	13	1														
16	1.2D + 1.5L + 1.0Wl(120)	Yes	Y		2	1.2	3	1.5	32	1														
17	1.2D + 1.6W(150)	Yes	Y		2	1.2	14	1.6																
18	1.2D + 1.0Di + 1.0Wi(150)	Yes	Y		2	1.2	5	1	15	1														
19	1.2D + 1.5L + 1.0Wl(150)	Yes	Y		2	1.2	3	1.5	33	1														
20	1.2D + 1.6W(180)	Yes	Y		2	1.2	16	1.6																
21	1.2D + 1.0Di + 1.0Wi(180)	Yes	Y		2	1.2	5	1	17	1														
22	1.2D + 1.5L + 1.0Wl(180)	Yes	Y		2	1.2	3	1.5	34	1														
23	1.2D + 1.6W(210)	Yes	Y		2	1.2	18	1.6																
24	1.2D + 1.0Di + 1.0Wi(210)	Yes	Y		2	1.2	5	1	19	1														
25	1.2D + 1.5L + 1.0Wl(210)	Yes	Y		2	1.2	3	1.5	35	1														
26	1.2D + 1.6W(240)	Yes	Y		2	1.2	20	1.6																
27	1.2D + 1.0Di + 1.0Wi(240)	Yes	Y		2	1.2	5	1	21	1														
28	1.2D + 1.5L + 1.0Wl(240)	Yes	Y		2	1.2	3	1.5	36	1														
29	1.2D + 1.6W(270)	Yes	Y		2	1.2	22	1.6																
30	1.2D + 1.0Di + 1.0Wi(270)	Yes	Y		2	1.2	5	1	23	1														
31	1.2D + 1.5L + 1.0Wl(270)	Yes	Y		2	1.2	3	1.5	37	1														
32	1.2D + 1.6W(300)	Yes	Y		2	1.2	24	1.6																
33	1.2D + 1.0Di + 1.0Wi(300)	Yes	Y		2	1.2	5	1	25	1														

Load Combinations (Continued)

	Description	S...	P...	S...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...	B...	Fa...
34	1.2D + 1.5L + 1.0WI(300)	Yes	Y		2	1.2	3	1.5	38	1														
35	1.2D + 1.6W(330)	Yes	Y		2	1.2	26	1.6																
36	1.2D + 1.0Di + 1.0Wi(330)	Yes	Y		2	1.2	5	1	27	1														
37	1.2D + 1.5L + 1.0WI(330)	Yes	Y		2	1.2	3	1.5	39	1														

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

	Member	Shape	Code Check	Loc[ft]	LC	She...	Lo...	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
1	FACE3	C5X9	.997	5.078	20	.292	5.4...	z	23	33.361	85.536	1.909	11.853	...	H1-1b
2	FACE2	C5X9	.914	5.755	32	.263	5.4...	z	17	33.361	85.536	1.909	10.385	1	H1-1b
3	FACE1	C5X9	.804	5.078	29	.221	5.4...	z	29	33.361	85.536	1.909	10.385	1	H1-1b
4	MP GAMMA5	PIPE_2.0	.506	3.573	28	.103	3.5...		4	17.855	32.13	1.872	1.872	...	H1-1b
5	CORNER3	C5X9	.492	2.964	15	.196	2.2...	y	24	36.252	85.536	1.909	11.853	...	H1-1b
6	CORNER2	C5X9	.454	2.21	35	.174	2.2...	y	9	36.252	85.536	1.909	11.853	...	H1-1a
7	CORNER1	C5X9	.444	2.964	5	.183	2.91	y	30	36.252	85.536	1.909	11.853	...	H1-1a
8	SUPPORT1	C5X6.7	.380	2.299	26	.036	2.3...	z	8	46.542	63.828	1.604	9.585	...	H1-1b
9	MP BETA4	PIPE_2.0	.344	3.573	14	.137	3.5...		14	17.855	32.13	1.872	1.872	...	H1-1b
10	MP BETA3	PIPE_2.0	.320	3.573	35	.184	3.5...		5	17.855	32.13	1.872	1.872	...	H1-1b
11	MP ALPHA2	PIPE_2.0	.317	5.542	37	.126	3.5...		8	17.855	32.13	1.872	1.872	...	H1-1b
12	MP BETA5	PIPE_2.0	.310	3.5	15	.111	3.5		17	17.855	32.13	1.872	1.872	...	H1-1b
13	MP BETA2	PIPE_2.0	.302	3.573	36	.196	3.5...		32	17.855	32.13	1.872	1.872	...	H1-1b
14	MP GAMMA2	PIPE_2.0	.287	5.542	25	.165	3.5...		20	17.855	32.13	1.872	1.872	...	H1-1b
15	MP ALPHA3	PIPE_2.0	.285	3.573	13	.242	3.5...		17	17.855	32.13	1.872	1.872	...	H1-1b
16	MP ALPHA5	PIPE_2.0	.278	3.5	31	.098	3.5		29	17.855	32.13	1.872	1.872	...	H1-1b
17	MP ALPHA4	PIPE_2.0	.274	3.573	4	.125	3.5...		26	17.855	32.13	1.872	1.872	...	H1-1b
18	M108	L2x2x4	.272	0	25	.027	1.5	z	22	27.293	30.586	.691	1.577	...	H2-1
19	M103	PIPE_2.0	.268	4.507	4	.109	4.4...		17	22.6	32.13	1.872	1.872	1	H1-1b
20	M107	L2x2x4	.260	1.5	16	.020	1.5	y	5	27.293	30.586	.691	1.577	...	H2-1
21	Rail3	PIPE_2.0	.258	4.507	22	.105	4.4...		35	22.6	32.13	1.872	1.872	...	H1-1b
22	LADDER2	L1.75x1....	.250	6.464	32	.015	4.9...	z	5	2.056	26.325	.513	1.034	...	H2-1
23	MP GAMMA3	PIPE_2.0	.245	3.573	24	.201	3.5...		26	17.855	32.13	1.872	1.872	...	H1-1b
24	LADDER1	L1.75x1....	.242	6.464	17	.015	4.9...	y	8	2.056	26.325	.513	1.046	...	H2-1
25	PLATE1	L2x2x4	.240	0	4	.034	1.5	z	4	27.293	30.586	.691	1.577	...	H2-1
26	M106	L2x2x4	.239	0	35	.015	.062	z	29	27.293	30.586	.691	1.577	...	H2-1
27	PLATE2	L2x2x4	.228	1.5	31	.024	0	y	31	27.293	30.586	.691	1.577	...	H2-1
28	MP GAMMA4	PIPE_2.0	.223	3.573	17	.190	3.5...		2	17.855	32.13	1.872	1.872	...	H1-1b
29	M104	PIPE_2.0	.221	6.555	15	.123	.922		13	22.6	32.13	1.872	1.872	...	H1-1b
30	Rail2	PIPE_2.0	.212	3.483	15	.135	.922		28	22.6	32.13	1.872	1.872	1	H1-1b
31	M105	PIPE_2.0	.207	7.58	31	.134	.922		22	22.6	32.13	1.872	1.872	1	H1-1b
32	Rail1	PIPE_2.0	.201	2.561	28	.147	.922		4	22.6	32.13	1.872	1.872	1	H1-1b
33	PLATE3	L2x2x4	.194	0	14	.014	0	y	16	27.293	30.586	.691	1.577	...	H2-1
34	RUNG3	SR 5/8	.188	0	26	.023	1		8	7.287	9.94	.104	.104	...	H1-1b
35	RUNG2	SR 5/8	.177	0	26	.017	1		8	7.287	9.94	.104	.104	...	H1-1b
36	RUNG4	SR 5/8	.161	0	26	.023	1		8	7.287	9.94	.104	.104	...	H1-1b
37	RUNG1	SR 5/8	.160	0	26	.011	1		5	7.287	9.94	.104	.104	...	H1-1b
38	Standoff2	MC6X7	.116	0	15	.026	.458	y	11	65.96	67.716	1.889	12.15	...	H1-1b
39	Standoff1	MC6X7	.114	0	27	.026	.458	y	29	65.96	67.716	1.889	12.15	...	H1-1b
40	Standoff6	MC6X7	.104	0	15	.044	.49	y	23	65.96	67.716	1.889	12.15	...	H1-1b
41	Standoff3	MC6X7	.101	0	15	.022	.417	y	17	65.96	67.716	1.889	12.15	...	H1-1b
42	Standoff4	MC6X7	.089	0	15	.022	.417	y	35	65.96	67.716	1.889	12.15	...	H1-1b
43	Standoff5	MC6X7	.086	0	33	.016	.417	z	15	65.96	67.716	1.889	12.15	...	H1-1b
44	MP ALPHA6	PIPE_2.0	.082	3.5	2	.029	3.5		2	17.855	32.13	1.872	1.872	...	H1-1b
45	MP BETA1	PIPE_2.0	.074	3.5	23	.035	3.0...		15	17.855	32.13	1.872	1.872	...	H1-1b
46	MP GAMMA1	PIPE_2.0	.059	3.281	2	.055	3.7...		15	17.855	32.13	1.872	1.872	...	H1-1b
47	MP BETA6	PIPE_2.0	.053	3.792	20	.028	3.2...		3	17.855	32.13	1.872	1.872	...	H1-1b
48	MP GAMMA6	PIPE_2.0	.053	3.792	11	.022	3.2...		27	17.855	32.13	1.872	1.872	...	H1-1b

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

	Member	Shape	Code Check	Loc[ft]	LC	She...	Lo...	Dir	LC	phi*P...	phi*P...	phi*M...	phi*M.....		Eqn
49	MP ALPHA1	PIPE_2.0	.053	3.792	11	.035	3.2...		23	17.855	32.13	1.872	1.872	...	H1-1b
50	RUNG5	SR 5/8	.047	1	8	.009	0		27	7.287	9.94	.104	.104	...	H1-1b
51	MP ALPHA7	PIPE_2.0	.032	0	20	.005	0		20	29.81	32.13	1.872	1.872	...	H1-1b
52	MP ALPHA8	PIPE_2.0	.032	0	8	.005	0		8	29.81	32.13	1.872	1.872	...	H1-1b
53	SUPPORT2	C5X6.7	.029	.93	20	.482	1.75	z	35	57.91	63.828	1.604	9.585	...	H1-1b
54	RUNG6	SR 5/8	.019	1	26	.017	1		26	7.287	9.94	.104	.104	...	H1-1b

APPENDIX D

Mount Modification Drawings

CROWN CASTLE

SITE:

806354 BRG 123 943084 (NG1905)

MODIFICATION DRAWING FOR AN EXISTING 10'-10" PLATFORM AT 158.42' ON A MONOPOLE TOWER

SHEET INDEX	
T-01	TITLE SHEET
N-01	NOTES
S-01	PLAN & SECTION VIEWS
MI-01	MODIFICATION CHECKLIST

PROJECT INFORMATION	
COUNTY:	NEWTON
SITE ADDRESS:	21 BERKSHIRE ROAD NEWTON, CT 06482
LATITUDE:	41° 24' 45.53"
LONGITUDE:	-73° 16' 12.34"

SCOPE OF WORK:

MODIFICATION DRAWINGS INCLUDES:
ADD HANDRAIL KITS TO THE MOUNT

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

verizon

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:
806354

POD NUMBER:	18-29816
DRAWN BY:	UT
CHECKED BY:	JGC
DATE:	10/29/2018

SHEET TITLE:

TITLE SHEET

T-01

GENERAL NOTES

1. THE MODIFICATIONS REPRESENTED IN THESE DRAWINGS ARE BASED ON THE STRUCTURAL DOCUMENTS PROVIDED IN THE STRUCTURAL DOCUMENTS TABLE. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH ALL REFERENCED DOCUMENTS.

REFERENCE DOCUMENTS	
DOCUMENT TYPE	DESIGNATION
MOUNT ANALYSIS	POD PROJECT NUMBER: 18-29178 DATED: 10/09/2018

2. ALL MODIFICATIONS MUST BE INSTALLED TO BRING THE TOWER INTO CONFORMANCE WITH ALL APPLICABLE CODES.

GOVERNING CODES	TIA-222-H, 2018 CONNECTICUT BUILDING CODE
WIND SPEED	120 MPH ULTIMATE WIND SPEED
WIND SPEED W/ICE	50 MPH 3 SECOND GUST
RADIAL ICE THICKNESS	1"
STRUCTURE CLASS	II
EXPOSURE CATEGORY	C
TOPOGRAPHIC CATEGORY	1
SPECTRAL RESPONSE ACCELERATIONS	SS= 0.204 & S1= 0.065

3. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE OR APPROVED BY THE EOR. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE PERFORMING WORK SIMILAR TO THAT DESCRIBED WITHIN THESE DRAWINGS. BY ACCEPTANCE OF THIS PROJECT, THE CONTRACTOR IS ATTESTING THAT HE HAS SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND REGISTERED TO PERFORM THE WORK IN THE PROJECT JURISDICTION.
4. WORK SHALL ONLY BE PERFORMED DURING CALM, DRY DAYS (WINDS LESS THAN 10-MPH). IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE INSTILLATION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE-DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
5. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND EOR. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE EOR SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES AND PROCEDURES.
6. THE DESIGN WITHIN THESE DRAWINGS ASSUMES THE TOWER AND ITS FOUNDATIONS HAVE BEEN WELL MAINTAINED, IN GOOD CONDITION AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBER, LOOSE BOLTS, CRACKED WELDS, AND OTHER STRUCTURAL DEFECTS HAVE NOT BEEN CONSIDERED UNLESS SPECIFICALLY NOTED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED LEVEL. THE OWNER AND/OR EOR SHALL BE NOTIFIED IMMEDIATELY IF ANY VARIANCES ARE FOUND.
7. THE CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY, LEASE AREA OR APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS PERFORMED WITHIN THESE BOUNDARIES. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE OWNER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAIN AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL WORK PERFORMED COMPLIES WITH ALL APPLICATION SAFETY CODES AND GOVERNING REGULATIONS.
9. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULES AND MATERIAL DELIVERIES, WITH THE OWNER/RESIDENT LEASING AGENT FOR APPROVAL.
10. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNING AGENCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
11. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDED BUT NOT LIMITED TO ALTERED SIZED AND/OR STRENGTHS, MUST BE APPROVED BY THE EOR.
12. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORKING LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
13. ALL DIMENSIONS AND QUANTITIES LISTED WITHIN THESE DRAWINGS ARE INTENDED TO AID THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND QUANTITIES PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
14. ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.
15. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING COAX, BRACKETS, ANTENNAS MOUNTS AND ANY OTHER TOWER APPURTENANCE THAT MAY INTERFERE WITH THE INSTILLATION OF THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACE AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME MOUNTS OR ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATION TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOM MOUNTS OR ATTACHMENTS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE OWNER/EOR PRIOR TO REMOVAL. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE OWNER IN WRITING.
16. DO NOT SCALE DRAWINGS.

STRUCTURAL STEEL NOTES

1. ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION.
2. ALL STRUCTURAL STEEL SHALL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.

MATERIAL SPECIFICATIONS	
ANGLES	ASTM A36 (36 KSI YIELD STRENGTH)
BOLTS	ASTM A325N
NUTS	ASTM A563
WASHER	ASTM F436
PIPE	ASTM A53 - GRADE B (35 KSI YIELD STRENGTH)
U-BOLT	ASTM A307

3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
4. CAULKING SHALL BE PROVIDED AROUND PERIMETER OF ANY AND ALL MODIFICATION MEMBERS TO ENSURE COMPLETE SEAL BETWEEN EXISTING STRUCTURE AND REINFORCING MEMBERS IN FULL CONTACT WITH EXISTING STEEL. SEALANT IS TO BE EXTERIOR GRADE, PAINTABLE SILICONE CAULKING AS MANUFACTURED BY DOW AND ACCEPTABLE TO EOR.
5. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE EOR.
6. ALL EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED DACROMET F1136 GRADE 3 COATING SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN EOR APPROVAL FOR STEEL PROTECTION BY ANY OTHER MEANS.
7. REPAIR DAMAGED PAINTED/GALVANIZED SURFACES WITH TWO COATS OF BRUSH OR ROLL ON ZRC COLD GALVANIZING COMPOUND OR EOR APPROVED COATING. SURFACES MUST BE WIRE BRUSHED AND SOLVENT CLEANED PRIOR TO APPLICATION OF GALVANIZING COMPOUND.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES (SPLIT WASHER/PAL NUT) TO BE INSTALLED IN ACCORDANCE WITH TIA/EIA-222 REQUIREMENTS.
9. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

verizon

DRAWING NOTICE:

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:

BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:

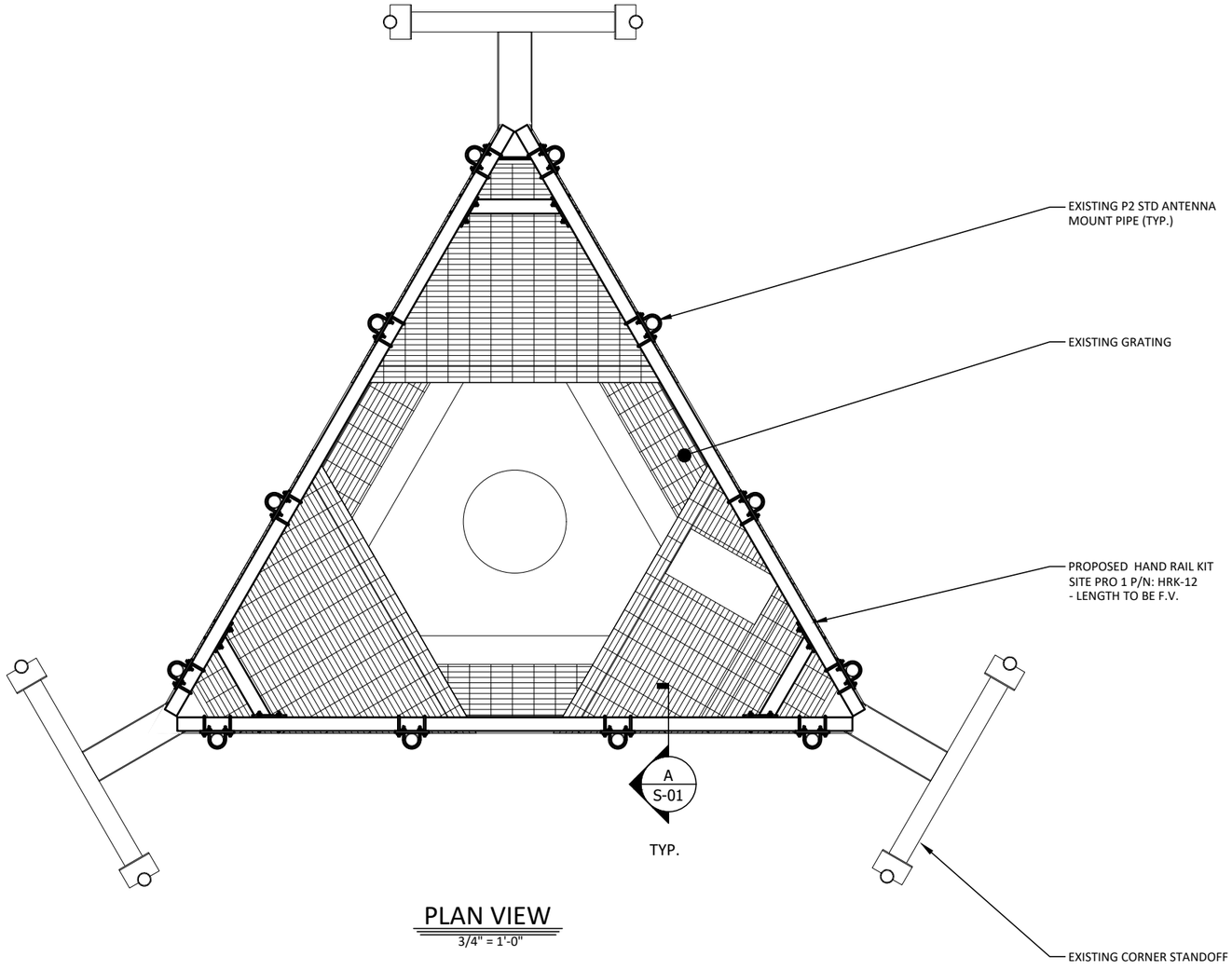
806354

POD NUMBER:	18-29816
DRAWN BY:	UT
CHECKED BY:	JGC
DATE:	10/26/2018

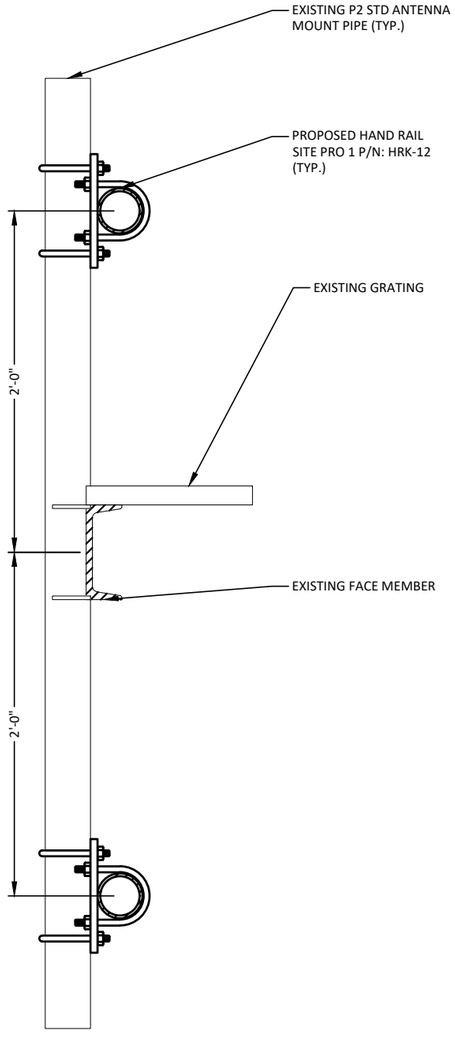
SHEET TITLE:

NOTES

N-01



PLAN VIEW
3/4" = 1'-0"



SECTION A S-01
1-1/2" = 1'-0"

NOTES:
- ANTENNAS NOT SHOWN FOR CLARITY
- MOUNT PIPES NOT SHOWN FOR CLARITY

PLANS PREPARED FOR:
CROWN CASTLE

PLANS PREPARED BY:
POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:
verizon

DRAWING NOTICE:

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:
806354

POD NUMBER: 18-29816
DRAWN BY: UT
CHECKED BY: JGC
DATE: 10/26/2018

SHEET TITLE:
PLAN & SECTION VIEWS

S-01

MODIFICATION INSPECTION CHECKLIST

BEFORE CONSTRUCTION		DURING CONSTRUCTION		AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
X	MODIFICATION INSPECTION CHECKLIST DWG	X	CONSTRUCTION INSPECTION	X	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWING(S)
X	ENGINEER OF RECORD APPROVED SHOP DRAWINGS	-	FOUNDATION INSPECTION	-	POST INSTALLED ANCHOR ROD PULL-OUT TESTING
-	FABRICATION INSPECTION	-	CONCRETE COMP. STRENGTH AND SLUMP TEST	X	PHOTOGRAPHS
X	MATERIAL TEST REPORT	-	POST INSTALLED ANCHOR ROD VERIFICATION	ADDITIONAL TESTING AND INSPECTION	
-	FABRICATOR NDE INSPECTION	-	BASE PLATE GROUT VERIFICATION		
-	NDE REPORT OF MONOPOLE BASEPLATE (AS REQUIRED)	-	THIRD PARTY CERTIFIED WELD INSPECTION		
X	PACKING SLIP	-	EARTHWORK LIFT AND DENSITY (REPORT REQUIRED)		
ADDITIONAL TESTING AND INSPECTION		X	ON SITE COLD GALVANIZING VERIFICATION		
		-	GUY WIRE TENSION REPORT		
		X	GC AS-BUILT DOCUMENTS		
		ADDITIONAL TESTING AND INSPECTION			

MODIFICATION INSPECTION NOTES:

GENERAL:

1. THE MODIFICATION INSPECTION IS A VISUAL INSPECTION OF TOWER MODIFICATION AND A REVIEW OF CONSTRUCTION INSPECTION AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NAMELY THE MODIFICATION DRAWINGS., AS DESIGNED BY THE ENGINEER OF RECORD.

2. THE MODIFICATION INSPECTION IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AN IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. NOR DOES THE MODIFICATION INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTENT RESIDES WITH THE ENGINEER OF RECORD AT ALL TIMES.

3. TO ENSURE THAT THE REQUIREMENT OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MODIFICATION INSPECTOR BEGIN COMMUNICATION AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MODIFICATION INSPECTOR:

1. THE MODIFICATION INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSPECTION TO:

- REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
- WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE
- INSPECTIONS
- DISCUSS ANY SITE SPECIFIC INSPECTIONS OR CONCERNS

2. THE MODIFICATION INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GENERAL CONTRACTOR (GC) INSPECTION AND TEST REPORTS. REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FEILD INSPECTIONS, AND SUBMITTING THE MODIFICATION INSPECTION REPORT.

GENERAL CONTRACTOR:

1. THE GC IS REQUIRED TO CONTACT THE MODIFICATION INSPECTOR AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO:

- REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
- WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MODIFICATION INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

2. THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION INSPECTION CHECKLIST.

RECOMMENDATIONS:

1. IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, TO THE MODIFICATION INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR HE MODIFICATION INSPECTION TO BE CONDUCTED.

- THE GC AND MODIFICATION INSPECTION COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE IT IS PREFERRED TO HAVE THE MODIFICATION INSPECTOR AND GC ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
- IT MAY BE BENEFICIAL TO INSTALL ALL TOWER MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTION TO ALLOW FOUNDATION AND MODIFICATION INSPECTION(S) DONE IN ONE SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MODIFICATION INSPECTOR ON-SITE DURING THE MODIFICATION INSPECTION. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MODIFICATION INSPECTION CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CANCELLATION OR DELAYS IN SCHEDULED MODIFICATION INSPECTION:

1. IF THE GC AND MODIFICATION INSPECTOR AGREE TO A DATE ON WHICH THE MODIFICATION INSPECTION WILL BE CONDUCTED, AND EITHER ARTY CANCELS OR DELAYS, THE TOWER OWNER SHALL NOT BE RESPONSIBLE FOR ANY COSTS, FEES, LOSS OR DEPOSITS AND/OR OTHER PENALTIES RELATE TO THE CANCELLATION OR DELAY INCURRED BY EITHER PARTY FOR ANY TIME. EXCEPTIONS MAY BE MADE IN THE DELAY/ CANCELLATION IS CAUSED BY WEATHER OR OTHER CONDITIONS THAT MAY COMPROMISE THE SAFETY OF THE PARTIES INVOLVED.

CORRECTION OF FAILING MODIFICATION INSPECTION:

1. IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH MODIFICATION INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:

- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION. OR, WITH TOWER OWNER'S APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO RE-ANALYZE THE MODIFCATION/REINFORCEMENT USING AS-BUILT CONDITION.

VERIFICATION INSPECTIONS:

1. TOWER OWNER RESERVES THE RIGHT TO CONDUCT A VERIFICATION INSPECTION TO VERIFY THE ACCURACY AND COMPLETENESS OF PREVIOUSLY COMPLETED MODIFICATION AND INSPECTION(S) ON TOWER MODIFICATION PRODUCTS.

2. VERIFICATION INSPECTION MAY BE CONDUCTED BY AN INDEPENDENT FIRM AFTER A MODIFICATION PROJECT IS COMPLETED, AS MARKED BY THE DATE OF AN ACCEPTED "PASSING MODIFICATION INSPECTION MODIFICATION INSPECTION" REPORT FOR THE ORIGINAL PROJECT.

REQUIRED PHOTOS:

1. BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS ARE TO BE TAKEN AND INCLUDED IN THE MODIFICATION INSPECTION REPORT:

- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION

  - RAW MATERIALS
  - PHOTOS OF ALL CRITICAL DETAILS
  - WELD PREPARATION
  - FOUNDATION MODIFICATION
  - BOLT INSTALLATION AND TORQUE
  - FINAL INSTALLED CONDITION
  - SURFACE COATING REPAIR

- POST CONDITION PHOTOGRAPHS
- FINAL INFIELD CONDITION ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DENTALS OF MODIFICATIONS

2. PHOTOS OF ELEVATED MODIFICATIONS TAKEN FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

verizon

MODIFICATION DRAWING

REV.	DATE	DESCRIPTION

SITE INFORMATION:
BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:
806354

POD NUMBER: 18-29816

DRAWN BY: UT
CHECKED BY: JGC
DATE: 10/26/2018

SHEET TITLE:

MODIFICATION CHECKLIST

MI-01

CROWN CASTLE

SITE:

806354 BRG 123 943084 (NG1905)

MODIFICATION DRAWING FOR AN EXISTING 10'-10" PLATFORM AT 158.42' ON A MONOPOLE TOWER

SHEET INDEX	
T-01	TITLE SHEET
N-01	NOTES
S-01	PLAN & SECTION VIEWS
MI-01	MODIFICATION CHECKLIST

PROJECT INFORMATION	
COUNTY:	NEWTON
SITE ADDRESS:	21 BERKSHIRE ROAD NEWTON, CT 06482
LATITUDE:	41° 24' 45.53"
LONGITUDE:	-73° 16' 12.34"

SCOPE OF WORK:

MODIFICATION DRAWINGS INCLUDES:
ADD HANDRAIL KITS TO THE MOUNT

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

verizon

MODIFICATION DRAWING

3/27/2019

STATE OF CONNECTICUT
MARK E. PATTERSON
No. 31284
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION

SITE INFORMATION:
BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:
806354

POD NUMBER:	18-29816
DRAWN BY:	UT
CHECKED BY:	JGC
DATE:	10/29/2018

SHEET TITLE:

TITLE SHEET

T-01

GENERAL NOTES

1. THE MODIFICATIONS REPRESENTED IN THESE DRAWINGS ARE BASED ON THE STRUCTURAL DOCUMENTS PROVIDED IN THE STRUCTURAL DOCUMENTS TABLE. THE CONTRACTOR SHALL OBTAIN AND BECOME FAMILIAR WITH ALL REFERENCED DOCUMENTS.

REFERENCE DOCUMENTS	
DOCUMENT TYPE	DESIGNATION
MOUNT ANALYSIS	POD PROJECT NUMBER: 18-29178 DATED: 10/09/2018

2. ALL MODIFICATIONS MUST BE INSTALLED TO BRING THE TOWER INTO CONFORMANCE WITH ALL APPLICABLE CODES.

GOVERNING CODES	TIA-222-H, 2018 CONNECTICUT BUILDING CODE
WIND SPEED	120 MPH ULTIMATE WIND SPEED
WIND SPEED W/ICE	50 MPH 3 SECOND GUST
RADIAL ICE THICKNESS	1"
STRUCTURE CLASS	II
EXPOSURE CATEGORY	C
TOPOGRAPHIC CATEGORY	1
SPECTRAL RESPONSE ACCELERATIONS	SS= 0.204 & S1= 0.065

3. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED BY THE CONTRACTOR UNLESS NOTED OTHERWISE OR APPROVED BY THE EOR. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE PERFORMING WORK SIMILAR TO THAT DESCRIBED WITHIN THESE DRAWINGS. BY ACCEPTANCE OF THIS PROJECT, THE CONTRACTOR IS ATTESTING THAT HE HAS SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS PROPERLY LICENSED AND REGISTERED TO PERFORM THE WORK IN THE PROJECT JURISDICTION.
4. WORK SHALL ONLY BE PERFORMED DURING CALM, DRY DAYS (WINDS LESS THAN 10-MPH). IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE INSTILLATION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF TEMPORARY BRACING, GUYS OR TIE-DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER THE COMPLETION OF THE PROJECT.
5. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. CONTRACTOR SHALL NOT SCALE CONTRACT DRAWINGS IN LIEU OF FIELD VERIFICATIONS. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND EOR. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND IS SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES. OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE EOR SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES AND PROCEDURES.
6. THE DESIGN WITHIN THESE DRAWINGS ASSUMES THE TOWER AND ITS FOUNDATIONS HAVE BEEN WELL MAINTAINED, IN GOOD CONDITION AND ARE WITHOUT DEFECT. BENT MEMBERS, CORRODED MEMBER, LOOSE BOLTS, CRACKED WELDS, AND OTHER STRUCTURAL DEFECTS HAVE NOT BEEN CONSIDERED UNLESS SPECIFICALLY NOTED. THE TOWER IS ASSUMED TO BE PLUMB AND THE SITE IS ASSUMED LEVEL. THE OWNER AND/OR EOR SHALL BE NOTIFIED IMMEDIATELY IF ANY VARIANCES ARE FOUND.
7. THE CONTRACTOR SHALL ONLY WORK WITHIN THE LIMITS OF THE TOWER OWNER'S PROPERTY, LEASE AREA OR APPROVED EASEMENTS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY WORK IS PERFORMED WITHIN THESE BOUNDARIES. CONSTRUCTION STAKING AND BOUNDARY MARKING IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL EMPLOY A SURVEYOR AS REQUIRED. ANY WORK OUTSIDE THESE BOUNDARIES SHALL BE APPROVED IN WRITING BY THE OWNER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAIN AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT ALL WORK PERFORMED COMPLIES WITH ALL APPLICATION SAFETY CODES AND GOVERNING REGULATIONS.
9. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULES AND MATERIAL DELIVERIES, WITH THE OWNER/RESIDENT LEASING AGENT FOR APPROVAL.
10. THE CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNING AGENCIES. THE CONTRACTOR WILL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS.
11. ALL MATERIAL UTILIZED FOR THIS PROJECT MUST BE NEW AND FREE OF ANY DEFECTS. ANY MATERIAL SUBSTITUTIONS, INCLUDED BUT NOT LIMITED TO ALTERED SIZED AND/OR STRENGTHS, MUST BE APPROVED BY THE EOR.
12. UNLESS NOTED OTHERWISE, ALL NEW MEMBERS SHALL MAINTAIN THE EXISTING MEMBER WORKING LINES AND NOT INTRODUCE ECCENTRICITIES INTO THE STRUCTURE.
13. ALL DIMENSIONS AND QUANTITIES LISTED WITHIN THESE DRAWINGS ARE INTENDED TO AID THE CONTRACTOR. THE CONTRACTOR SHALL VERIFY ALL DIMENSION AND QUANTITIES PRIOR TO BIDDING AND/OR ORDERING MATERIALS.
14. ALL MANUFACTURERS' INSTRUCTIONS SHALL BE FOLLOWED EXACTLY. ANY DEVIATION REQUIRES WRITTEN APPROVAL FROM THE EOR.
15. THE CONTRACTOR IS RESPONSIBLE FOR TEMPORARILY REMOVING COAX, BRACKETS, ANTENNAS MOUNTS AND ANY OTHER TOWER APPURTENANCE THAT MAY INTERFERE WITH THE INSTILLATION OF THE TOWER MODIFICATIONS. ALL TOWER APPURTENANCES MUST BE REPLACE AND/OR RESTORED TO ITS ORIGINAL LOCATION. SOME MOUNTS OR ATTACHMENTS MAY REQUIRE CUSTOM MODIFICATION TO PROPERLY FIT THE MODIFIED REGION OF THE STRUCTURE. THESE CUSTOM MOUNTS OR ATTACHMENTS ARE DESIGNED BY OTHERS AND MUST BE APPROVED BY THE OWNER/EOR PRIOR TO REMOVAL. ANY CARRIER DOWNTIME MUST BE COORDINATED WITH THE OWNER IN WRITING.
16. DO NOT SCALE DRAWINGS.

STRUCTURAL STEEL NOTES

1. ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION.
2. ALL STRUCTURAL STEEL SHALL ELEMENTS SHALL CONFORM TO THE FOLLOWING REQUIREMENTS.

MATERIAL SPECIFICATIONS	
ANGLES	ASTM A36 (36 KSI YIELD STRENGTH)
BOLTS	ASTM A325N
NUTS	ASTM A563
WASHER	ASTM F436
PIPE	ASTM A53 - GRADE B (35 KSI YIELD STRENGTH)
U-BOLT	ASTM A307

3. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE FABRICATOR IN ACCORDANCE WITH AISC SPECIFICATIONS, LATEST EDITION.
4. CAULKING SHALL BE PROVIDED AROUND PERIMETER OF ANY AND ALL MODIFICATION MEMBERS TO ENSURE COMPLETE SEAL BETWEEN EXISTING STRUCTURE AND REINFORCING MEMBERS IN FULL CONTACT WITH EXISTING STEEL. SEALANT IS TO BE EXTERIOR GRADE, PAINTABLE SILICONE CAULKING AS MANUFACTURED BY DOW AND ACCEPTABLE TO EOR.
5. HOLES SHALL NOT BE FLAME CUT THROUGH STEEL UNLESS APPROVED BY THE EOR.
6. ALL EXPOSED STEEL SHALL BE HOT-DIPPED GALVANIZED PER ASTM A123, ASTM A153/A153M, OR ASTM A653 G90, AS APPLICABLE FOR FULL WEATHER PROTECTION. FOR HIGH STRENGTH STEEL FASTENERS WHERE HOT-DIPPED GALVANIZING IS NOT PERMITTED DACROMET F1136 GRADE 3 COATING SHALL BE USED. IN ADDITION ALL NEW STEEL SHALL BE PAINTED TO MATCH EXISTING TOWER STEEL. CONTRACTOR SHALL OBTAIN EOR APPROVAL FOR STEEL PROTECTION BY ANY OTHER MEANS.
7. REPAIR DAMAGED PAINTED/GALVANIZED SURFACES WITH TWO COATS OF BRUSH OR ROLL ON ZRC COLD GALVANIZING COMPOUND OR EOR APPROVED COATING. SURFACES MUST BE WIRE BRUSHED AND SOLVENT CLEANED PRIOR TO APPLICATION OF GALVANIZING COMPOUND.
8. ALL BOLT ASSEMBLIES FOR STRUCTURAL MEMBERS REPRESENTED IN THIS DRAWING REQUIRE LOCKING DEVICES (SPLIT WASHER/PAL NUT) TO BE INSTALLED IN ACCORDANCE WITH TIA/EIA-222 REQUIREMENTS.
9. ALL PROPOSED AND/OR REPLACED BOLTS SHALL BE OF SUFFICIENT LENGTH SUCH THAT THE END OF THE BOLT BE AT LEAST FLUSH WITH THE FACE OF THE NUT. IT IS NOT PERMITTED FOR THE BOLT END TO BE BELOW THE FACE OF THE NUT AFTER TIGHTENING IS COMPLETED.

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

verizon

DRAWING NOTICE:

MODIFICATION DRAWING

3/27/2019

STATE OF CONNECTICUT
MARK E. PATTERSON
No. 31284
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION

SITE INFORMATION:

BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

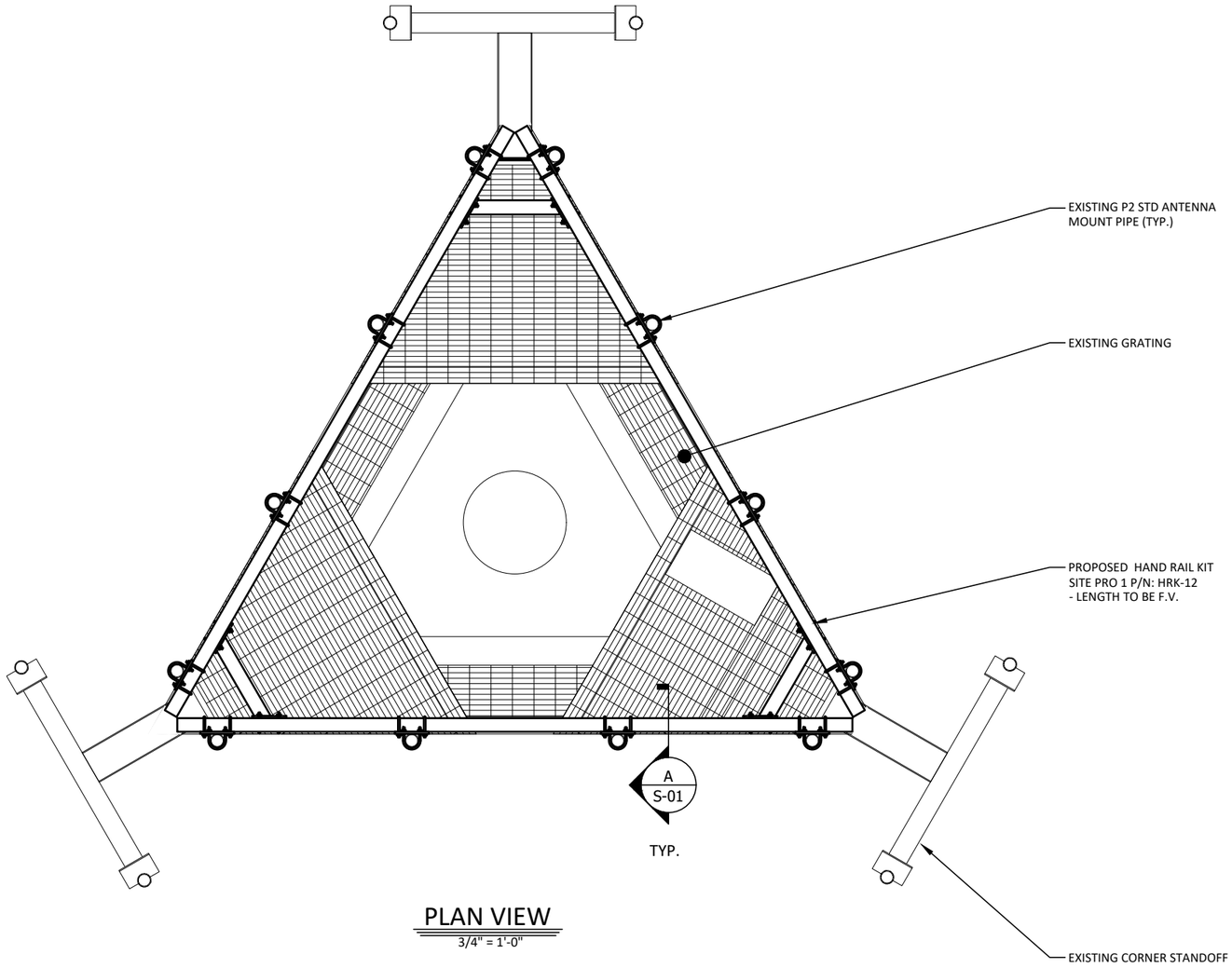
SITE NUMBER:
806354

POD NUMBER:	18-29816
DRAWN BY:	UT
CHECKED BY:	JGC
DATE:	10/26/2018

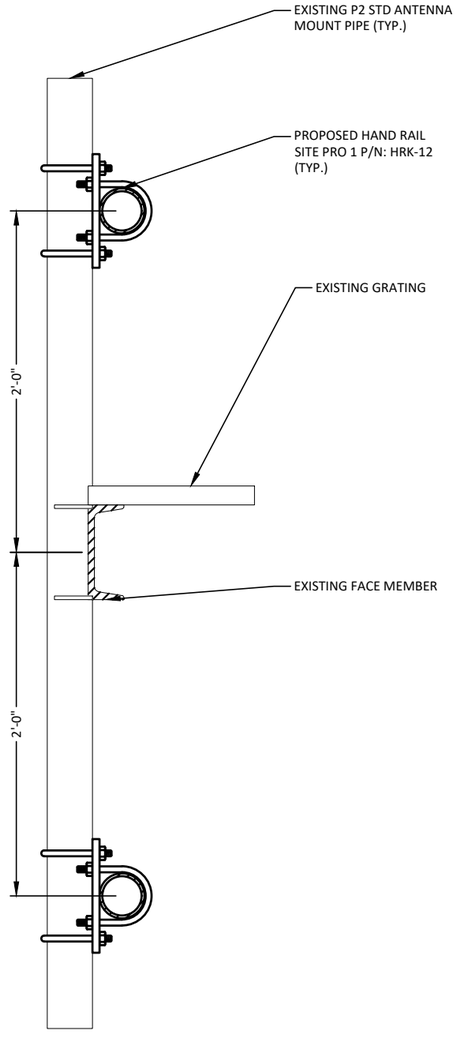
SHEET TITLE:

NOTES

N-01



PLAN VIEW
3/4" = 1'-0"



SECTION A S-01
1-1/2" = 1'-0"

NOTES:
- ANTENNAS NOT SHOWN FOR CLARITY
- MOUNT PIPES NOT SHOWN FOR CLARITY

PLANS PREPARED FOR:
CROWN CASTLE

PLANS PREPARED BY:
POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:
verizon

MODIFICATION DRAWING

3/27/2019

STATE OF CONNECTICUT
MARK E. PATTERSON
No. 31284
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION

SITE INFORMATION:
BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:
806354

POD NUMBER:	18-29816
DRAWN BY:	UT
CHECKED BY:	JGC
DATE:	10/26/2018

SHEET TITLE:
PLAN & SECTION VIEWS

S-01

MODIFICATION INSPECTION CHECKLIST

BEFORE CONSTRUCTION		DURING CONSTRUCTION		AFTER CONSTRUCTION	
CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM	CONSTRUCTION/INSTALLATION INSPECTION AND TESTING REQUIRED (COMPLETED BY ENGINEER OF RECORD)	REPORT ITEM
X	MODIFICATION INSPECTION CHECKLIST DWG	X	CONSTRUCTION INSPECTION	X	MODIFICATION INSPECTOR REDLINE OR RECORD DRAWING(S)
X	ENGINEER OF RECORD APPROVED SHOP DRAWINGS	-	FOUNDATION INSPECTION	-	POST INSTALLED ANCHOR ROD PULL-OUT TESTING
-	FABRICATION INSPECTION	-	CONCRETE COMP. STRENGTH AND SLUMP TEST	X	PHOTOGRAPHS
X	MATERIAL TEST REPORT	-	POST INSTALLED ANCHOR ROD VERIFICATION	ADDITIONAL TESTING AND INSPECTION	
-	FABRICATOR NDE INSPECTION	-	BASE PLATE GROUT VERIFICATION		
-	NDE REPORT OF MONOPOLE BASEPLATE (AS REQUIRED)	-	THIRD PARTY CERTIFIED WELD INSPECTION		
X	PACKING SLIP	-	EARTHWORK LIFT AND DENSITY (REPORT REQUIRED)		
ADDITIONAL TESTING AND INSPECTION		X	ON SITE COLD GALVANIZING VERIFICATION		
		-	GUY WIRE TENSION REPORT		
		X	GC AS-BUILT DOCUMENTS		
		ADDITIONAL TESTING AND INSPECTION			

MODIFICATION INSPECTION NOTES:

GENERAL:

1. THE MODIFICATION INSPECTION IS A VISUAL INSPECTION OF TOWER MODIFICATION AND A REVIEW OF CONSTRUCTION INSPECTION AND OTHER REPORTS TO ENSURE THE INSTALLATION WAS CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. NAMELY THE MODIFICATION DRAWINGS., AS DESIGNED BY THE ENGINEER OF RECORD.

2. THE MODIFICATION INSPECTION IS TO CONFIRM INSTALLATION CONFIGURATION AND WORKMANSHIP ONLY AN IS NOT A REVIEW OF THE MODIFICATION DESIGN ITSELF. NOR DOES THE MODIFICATION INSPECTOR TAKE OWNERSHIP OF THE MODIFICATION DESIGN. OWNERSHIP OF THE STRUCTURAL MODIFICATION DESIGN EFFECTIVENESS AND INTENT RESIDES WITH THE ENGINEER OF RECORD AT ALL TIMES.

3. TO ENSURE THAT THE REQUIREMENT OF THE MODIFICATION INSPECTION ARE MET, IT IS VITAL THAT THE GENERAL CONTRACTOR (GC) AND THE MODIFICATION INSPECTOR BEGIN COMMUNICATION AND COORDINATING AS SOON AS A PO OR PAYMENT IS RECEIVED. IT IS EXPECTED THAT EACH PARTY WILL BE PROACTIVE IN REACHING OUT TO THE OTHER PARTY.

MODIFICATION INSPECTOR:

1. THE MODIFICATION INSPECTOR IS REQUIRED TO CONTACT THE GC AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSPECTION TO:

- REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
- WORK WITH THE GC TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE
- INSPECTIONS
- DISCUSS ANY SITE SPECIFIC INSPECTIONS OR CONCERNS

2. THE MODIFICATION INSPECTOR IS RESPONSIBLE FOR COLLECTING ALL GENERAL CONTRACTOR (GC) INSPECTION AND TEST REPORTS. REVIEWING THE DOCUMENTS FOR ADHERENCE TO THE CONTRACT DOCUMENTS, CONDUCTING THE IN-FEILD INSPECTIONS, AND SUBMITTING THE MODIFICATION INSPECTION REPORT.

GENERAL CONTRACTOR:

1. THE GC IS REQUIRED TO CONTACT THE MODIFICATION INSPECTOR AS SOON AS RECEIVING A PO OR PAYMENT FOR THE MODIFICATION INSTALLATION OR TURNKEY PROJECT TO:

- REVIEW THE REQUIREMENT OF THE MODIFICATION INSPECTION CHECKLIST
- WORK WITH THE MI INSPECTOR TO DEVELOP A SCHEDULE TO CONDUCT ON-SITE MODIFICATION INSPECTIONS, INCLUDING FOUNDATION INSPECTIONS
- BETTER UNDERSTAND ALL INSPECTION AND TESTING REQUIREMENTS

2. THE GC SHALL PERFORM AND RECORD THE TEST AND INSPECTION RESULTS IN ACCORDANCE WITH THE REQUIREMENTS OF THE MODIFICATION INSPECTION CHECKLIST.

RECOMMENDATIONS:

1. IT IS SUGGESTED THAT THE GC PROVIDE A MINIMUM OF 5 BUSINESS DAYS NOTICE, TO THE MODIFICATION INSPECTOR AS TO WHEN THE SITE WILL BE READY FOR HE MODIFICATION INSPECTION TO BE CONDUCTED.

- THE GC AND MODIFICATION INSPECTION COORDINATE CLOSELY THROUGHOUT THE ENTIRE PROJECT.
- WHEN POSSIBLE IT IS PREFERRED TO HAVE THE MODIFICATION INSPECTOR AND GC ON-SITE SIMULTANEOUSLY FOR ANY GUY WIRE TENSIONING OR RE-TENSIONING OPERATIONS.
- IT MAY BE BENEFICIAL TO INSTALL ALL TOWER MODIFICATIONS PRIOR TO CONDUCTING THE FOUNDATION INSPECTION TO ALLOW FOUNDATION AND MODIFICATION INSPECTION(S) DONE IN ONE SITE VISIT.
- WHEN POSSIBLE, IT IS PREFERRED TO HAVE THE GC AND MODIFICATION INSPECTOR ON-SITE DURING THE MODIFICATION INSPECTION. THEREFORE, THE GC MAY CHOOSE TO COORDINATE THE MODIFICATION INSPECTION CAREFULLY TO ENSURE ALL CONSTRUCTION FACILITIES AT THEIR DISPOSAL WHEN THE MI INSPECTOR IS ON SITE.

CANCELLATION OR DELAYS IN SCHEDULED MODIFICATION INSPECTION:

1. IF THE GC AND MODIFICATION INSPECTOR AGREE TO A DATE ON WHICH THE MODIFICATION INSPECTION WILL BE CONDUCTED, AND EITHER ARTY CANCELS OR DELAYS, THE TOWER OWNER SHALL NOT BE RESPONSIBLE FOR ANY COSTS, FEES, LOSS OR DEPOSITS AND/OR OTHER PENALTIES RELATE TO THE CANCELLATION OR DELAY INCURRED BY EITHER PARTY FOR ANY TIME. EXCEPTIONS MAY BE MADE IN THE DELAY/ CANCELLATION IS CAUSED BY WEATHER OR OTHER CONDITIONS THAT MAY COMPROMISE THE SAFETY OF THE PARTIES INVOLVED.

CORRECTION OF FAILING MODIFICATION INSPECTION:

1. IF THE MODIFICATION INSTALLATION WOULD FAIL THE MODIFICATION INSPECTION ("FAILED MODIFICATION INSPECTION"), THE GC SHALL WORK WITH MODIFICATION INSPECTOR TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:

- CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENT MODIFICATION INSPECTION. OR, WITH TOWER OWNER'S APPROVAL, THE GC MAY WORK WITH THE ENGINEER OF RECORD TO RE-ANALYZE THE MODIFCATION/REINFORCEMENT USING AS-BUILT CONDITION.

VERIFICATION INSPECTIONS:

1. TOWER OWNER RESERVES THE RIGHT TO CONDUCT A VERIFICATION INSPECTION TO VERIFY THE ACCURACY AND COMPLETENESS OF PREVIOUSLY COMPLETED MODIFICATION AND INSPECTION(S) ON TOWER MODIFICATION PRODUCTS.

2. VERIFICATION INSPECTION MAY BE CONDUCTED BY AN INDEPENDENT FIRM AFTER A MODIFICATION PROJECT IS COMPLETED, AS MARKED BY THE DATE OF AN ACCEPTED "PASSING MODIFICATION INSPECTION MODIFICATION INSPECTION" REPORT FOR THE ORIGINAL PROJECT.

REQUIRED PHOTOS:

1. BETWEEN THE GC AND THE MI INSPECTOR THE FOLLOWING PHOTOGRAPHS ARE TO BE TAKEN AND INCLUDED IN THE MODIFICATION INSPECTION REPORT:

- PRE-CONSTRUCTION GENERAL SITE CONDITION
- PHOTOGRAPHS DURING THE REINFORCEMENT MODIFICATION CONSTRUCTION/ERECTION AND INSPECTION

  - RAW MATERIALS
  - PHOTOS OF ALL CRITICAL DETAILS
  - WELD PREPARATION
  - FOUNDATION MODIFICATION
  - BOLT INSTALLATION AND TORQUE
  - FINAL INSTALLED CONDITION
  - SURFACE COATING REPAIR

- POST CONDITION PHOTOGRAPHS
- FINAL INFIELD CONDITION ANY OTHER PHOTOS DEEMED RELEVANT TO SHOW COMPLETE DENTALS OF MODIFICATIONS

2. PHOTOS OF ELEVATED MODIFICATIONS TAKEN FROM THE GROUND SHALL BE CONSIDERED INADEQUATE.

PLANS PREPARED FOR:

CROWN CASTLE

PLANS PREPARED BY:

POD
POWER OF DESIGN
1033 E. TURKEYFOOT LAKE RD.
SUITE 206 AKRON, OHIO 44312
330-961-7432

CARRIER:

verizon

MODIFICATION DRAWING

3/27/2019

STATE OF CONNECTICUT
MARK E. PATTERSON
No. 31284
LICENSED PROFESSIONAL ENGINEER

REV.	DATE	DESCRIPTION

SITE INFORMATION:
BRG 123 943084
(NG1905)

21 BERKSHIRE ROAD
NEWTON, CT 06482

SITE NUMBER:
806354

POD NUMBER:	18-29816
DRAWN BY:	UT
CHECKED BY:	JGC
DATE:	10/26/2018

SHEET TITLE:

MODIFICATION CHECKLIST

MI-01