EXHIBIT 4

September 1, 2022

Centerline Communications
750 West Center Street, Suite 301
West Bridgewater, MA 02379

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

Subject: **Appurtenance Replacement Mount Analysis**

Carrier Designation:	***AT&T* Reconfiguration**	
	Site Number:	CTL01139
	Site Name:	South Windsor Sand Hill Rd.
	FA Number:	10035389
Engineering Firm Designation:	**TEP Project Number:**	315910.739349
Site Data:	**151 Sand Hill Road, South Windsor, Hartford County, CT 06074** **Latitude *41° 50' 09.57"*, Longitude *-72° 33' 7.20"*** **187.0± Foot - Monopole** **170.0 Foot Mount Height - 14.5-ft Platform w/ Support Rails**	

Tower Engineering Professionals is pleased to submit this **"Appurtenance Replacement Mount Analysis"** to determine the structural integrity of the replacement antenna mount on the above-mentioned monopole.

The purpose of the analysis is to determine acceptability of the replacement mount's stress level. Based on our analysis we have determined the stress level for the mount structure, under the following load case, to be:

LC1: Existing + Proposed Loading **Sufficient Capacity - 93.9%**
Note: See Table 2 for the existing and proposed loading

The analysis has been performed in accordance with the ANSI/TIA-222-H Structural Standard for Antenna Supporting Structures, Antennas, and Small Wind Turbine Support Structures, the 2018 Connecticut State Building Code.

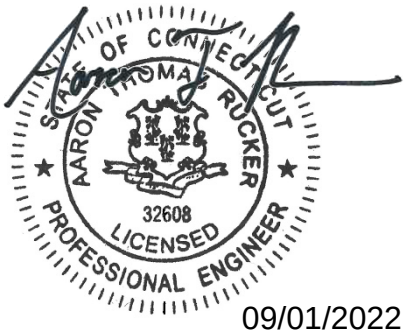
All equipment proposed in this report shall be installed in accordance with the appurtenances listed in Table 2 for the determined available structural capacity to be effective.

We at *Tower Engineering Professionals* appreciate the opportunity of providing our continuing professional services to you and *Centerline Communications.* If you have any questions or need further assistance on this or any other projects, please give us a call.

Structural analysis prepared by: Matthew T. Weavil, P.E. / CLT

Respectfully submitted by:

Aaron T. Rucker, P.E.



09/01/2022

ANALYSIS CRITERIA

Table 1 - Mount Analysis Parameters

Ultimate Wind Speed (MPH)	Ice Thickness (in)	Ice Wind Speed (MPH)	Exposure Category	Risk Category	Topo Category	Crest Height (ft.)	Seismic Design Category
118	***1.5***	***50***	***C***	***II***	***Method 1***	***N/A***	***B***

Table 2 - Existing and Proposed Antenna Loading Configuration

Existing/ Proposed	Mount Level (ft)	Ant CL (ft)	Qty	Antenna Model	Mount Type	Owner/ Tenant
To Be Removed	*170.0*	*170.0*	*3*	*CCI Antenna HPA65R-BU6A*	*12'-6" Platform*	*AT&T*
			3	*CCI Antenna HPA-65R-BUU-H6*		
			3	Kaelus DBCT108F1V92-1		
Existing	170.0	170.0	3	CCI Antenna DMP65R-BU6DA	-	AT&T
			2	Ericsson RRUS 4478 B14		
			3	Ericsson RRUS 8843 B2/B66A		
			3	Ericsson RRUS 4449 B5/B12		
			3	Ericsson RRUS 32 B30		
			2	Raycap DC6-48-60-18-8F		
Proposed	***170.0***	***170.0***	***3***	***Quintel QD6616-7***	***Site Pro 1 RMQLP-4120-H10***	***AT&T***
			3	***Ericsson AIR 6419 B77G***		
			3	***Ericsson AIR 6449 B77D***		
			1	***Ericsson RRUS 4478 B14***		
			1	***Raycap DC6-48-60-18-8F***		

ANALYSIS RESULTS

Table 3 - Mount Component Stresses vs. Capacity

Notes	Component	% Capacity	Pass / Fail
1	Face Horizontals	31.8	Pass
1	Support Arms	46.0	Pass
1	Internals	23.0	Pass
1	Corner Plates	48.9	Pass
1	Support Rails	23.4	Pass
1	Support Rail Reinforcement	2.4	Pass
1	Mount Pipes	35.4	Pass
2	Connection Bolts	37.1	Pass
2	Connection Plate	93.9	Pass

Notes:
1) See additional documentation in "Appendix A - RISA-3D Output" for calculations supporting the % capacity listed.
2) See additional documentation in "Appendix B - Additional Calculations" for calculations supporting the % capacity listed.

Table 4 - Documents Provided

Document	Remarks	Source
Mount Assembly Drawings	Site Pro 1 RMQLP-4120-H10, dated October 18, 2019	TEP
Construction Drawings	Hudson Design Group, LLC., dated August 30, 2022	TEP
Correspondence	Correspondence from AT&T in reference to the existing and proposed loading RFDS dated March 17, 2022	AT&T

RECOMMENDATIONS

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

ANALYSIS ASSUMPTIONS

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

This analysis may be affected if any assumptions are not valid or have been made in error. Tower Engineering Professionals should be notified to determine the effect on the structural integrity of the mount.

APPENDIX A

RISA-3D OUTPUT

TOWER ENGINEERING PROFESSIONALS

South Windsor Sand Hill Rd. (CTL01139)

TEP No.	315910.739349	
Analysis By:	MTW	9/1/2022
Checked By:	CLT	9/1/2022

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

Wind Inputs:

Ult. Wind Velocity:	118	mph
Live Load Velocity:	30	mph
Ice Wind Velocity:	50	mph
Base Ice Thickness:	1.50	inches
Mount Centerline:	170.0	ft
Antenna Centerline:	170.0	ft
Exposure Category:	C	
Topo Category:	1	
Risk Category:	II	
Ground Elevation:	164	ft

Wind Calculations:

K_{zt}:	1.000	Section 2.6.6
K_d:	0.950	
$K_{z\text{-}Mount}$:	1.415	Section 2.6.5.2
$K_{z\text{-}Antenna}$:	1.415	Section 2.6.5.2
K_{iz}:	1.178	Section 2.6.10
Ice Thickness:	1.767	inches - Section 2.6.10
K_e:	0.994	Table 2-6

Without Ice - (psf)		With Ice - (psf)	
$(q_zG_h)_{Mount}$:	47.64	**$(q_zG_h)_{Mount}$:**	8.55
$(q_zG_h)_{Antenna}$:	47.64	**$(q_zG_h)_{Antenna}$:**	8.55

Seismic Code Revisions:	TIA-222-H
Seismic Risk Category:	II

Seismic Input

S_{DS}:	0.196	Design Short Period Spectral Accel.
I_p:	1.0	Importance Factor
R_p:	2.0	Response Modification Factor
A_s:	1.0	
A_s:	1.0	Applification Factor - TIA-222-H Section 2.7.8.1
S_1:	0.055	Spectral Acceleration at a Period of 1 Second

Seismic Design Force TIA-H Sec 2.7.7.1.1

Cs:	0.098	kips/kip	TIA-H Sec 2.7.7.1.1
Cs-min:	0.030	kips/kip	

TOWER ENGINEERING PROFESSIONALS

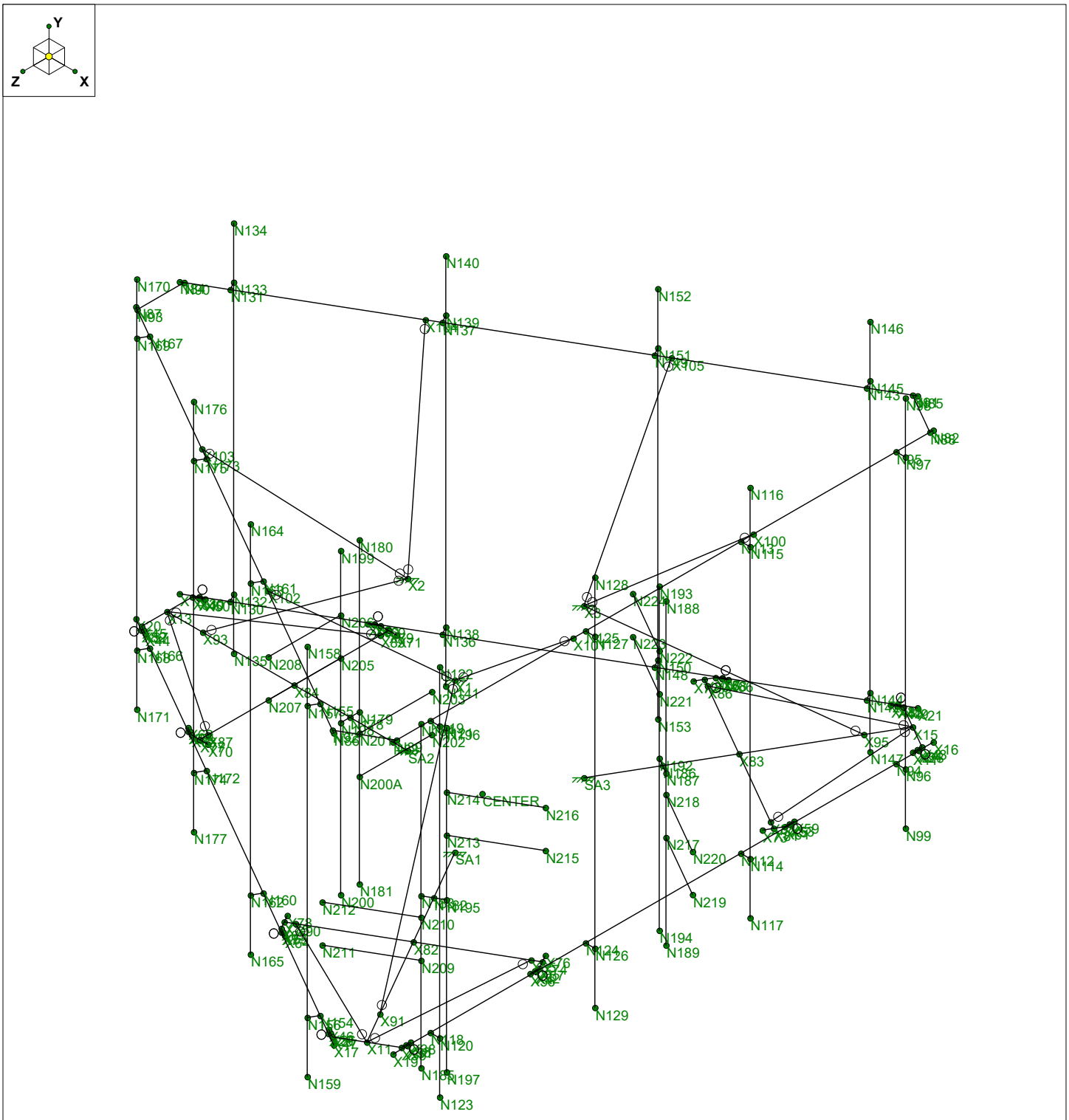
South Windsor Sand Hill Rd. (CTL01139)

TEP No.	315910.739349	
Analysis By:	MTW	9/1/2022
Checked By:	CLT	9/1/2022

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

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

										Distance from start node of the member		
MFR	Model	Height (in)	Width (in)	Depth (in)	Wt. (lbs)	Azimuth°	Qty	Shape	Member Label	Location #1 (ft,%)	Location #2 (ft,%)	Location #3 (ft,%)
Quintel Technology	QD6616-7	72.00	22.00	9.60	130.00	0.00	1	Flat	MP-2	2.50	7.50	
Ericsson	AIR 6419 B77G	31.10	16.10	7.30	44.00	0.00	1	Flat	MP-3	2.41	4.00	
Ericsson	AIR 6449 B77D	30.39	15.87	8.07	81.60	0.00	1	Flat	MP-3	5.00	6.53	
CCI Antenna	DMP65R-BU6DA	71.20	20.70	7.70	79.40	0.00	1	Flat	MP-4	2.53	7.47	
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	120.00	0.5	Flat	RRU1	0.97		
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	120.00	0.5	Flat	RRU2	0.97		
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	120.00	0.5	Flat	RRU1	0.97		
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	120.00	0.5	Flat	RRU2	0.97		
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	60.00	0.5	Flat	RRU3	0.97		
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	60.00	0.5	Flat	RRU4	0.97		
Ericsson	RRUS 32 B30	27.20	12.05	7.00	52.90	60.00	0.5	Flat	RRU3	0.97		
Ericsson	RRUS 32 B30	27.20	12.05	7.00	52.90	60.00	0.5	Flat	RRU4	0.97		
Raycap	DC6-48-60-18-8F	31.25	11.00	11.00	32.80	0.00	1	Round	MP-14	7.00		
Quintel Technology	QD6616-7	72.00	22.00	9.60	130.00	120.00	1	Flat	MP-6	2.50	7.50	
Ericsson	AIR 6419 B77G	31.10	16.10	7.30	44.00	120.00	1	Flat	MP-7	2.41	4.00	
Ericsson	AIR 6449 B77D	30.39	15.87	8.07	81.60	120.00	1	Flat	MP-7	5.00	6.53	
CCI Antenna	DMP65R-BU6DA	71.20	20.70	7.70	79.40	120.00	1	Flat	MP-8	2.53	7.47	
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	240.00	0.5	Flat	RRU5	0.97		
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	240.00	0.5	Flat	RRU6	0.97		
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	240.00	0.5	Flat	RRU5	0.97		
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	240.00	0.5	Flat	RRU6	0.97		
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	180.00	0.5	Flat	RRU7	0.97		
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	180.00	0.5	Flat	RRU8	0.97		
Ericsson	RRUS 32 B30	27.20	12.05	7.00	52.90	180.00	0.5	Flat	RRU7	0.97		
Ericsson	RRUS 32 B30	27.20	12.05	7.00	52.90	180.00	0.5	Flat	RRU8	0.97		
Raycap	DC6-48-60-18-8F	31.25	11.00	11.00	32.80	0.00	1	Round	MP-16	7.00		
Quintel Technology	QD6616-7	72.00	22.00	9.60	130.00	240.00	1	Flat	MP-10	2.50	7.50	
Ericsson	AIR 6419 B77G	31.10	16.10	7.30	44.00	240.00	1	Flat	MP-11	2.41	4.00	
Ericsson	AIR 6449 B77D	30.39	15.87	8.07	81.60	240.00	1	Flat	MP-11	5.00	6.53	
CCI Antenna	DMP65R-BU6DA	71.20	20.70	7.70	79.40	240.00	1	Flat	MP-12	2.53	7.47	
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	0.00	0.5	Flat	RRU9	0.97		
Ericsson	RRUS 4449 B5/B12	17.90	13.19	9.44	71.00	0.00	0.5	Flat	RRU10	0.97		
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	0.00	0.5	Flat	RRU9	0.97		
Ericsson	RRUS 8843 B2/B66A	14.90	13.20	10.90	72.00	0.00	0.5	Flat	RRU10	0.97		
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	300.00	0.5	Flat	RRU11	0.97		
Ericsson	RRUS 4478 B14	16.50	13.40	7.70	59.90	300.00	0.5	Flat	RRU12	0.97		
Ericsson	RRUS 32 B30	27.20	12.05	7.00	52.90	300.00	0.5	Flat	RRU11	0.97		
Ericsson	RRUS 32 B30	27.20	12.05	7.00	52.90	300.00	0.5	Flat	RRU12	0.97		
Raycap	DC6-48-60-18-8F	31.25	11.00	11.00	32.80	0.00	1	Round	MP-18	7.00		



Envelope Only Solution

Tower Engineering Profes...	South Windsor Sand Hill Rd. (CTL01139)	SK - 1
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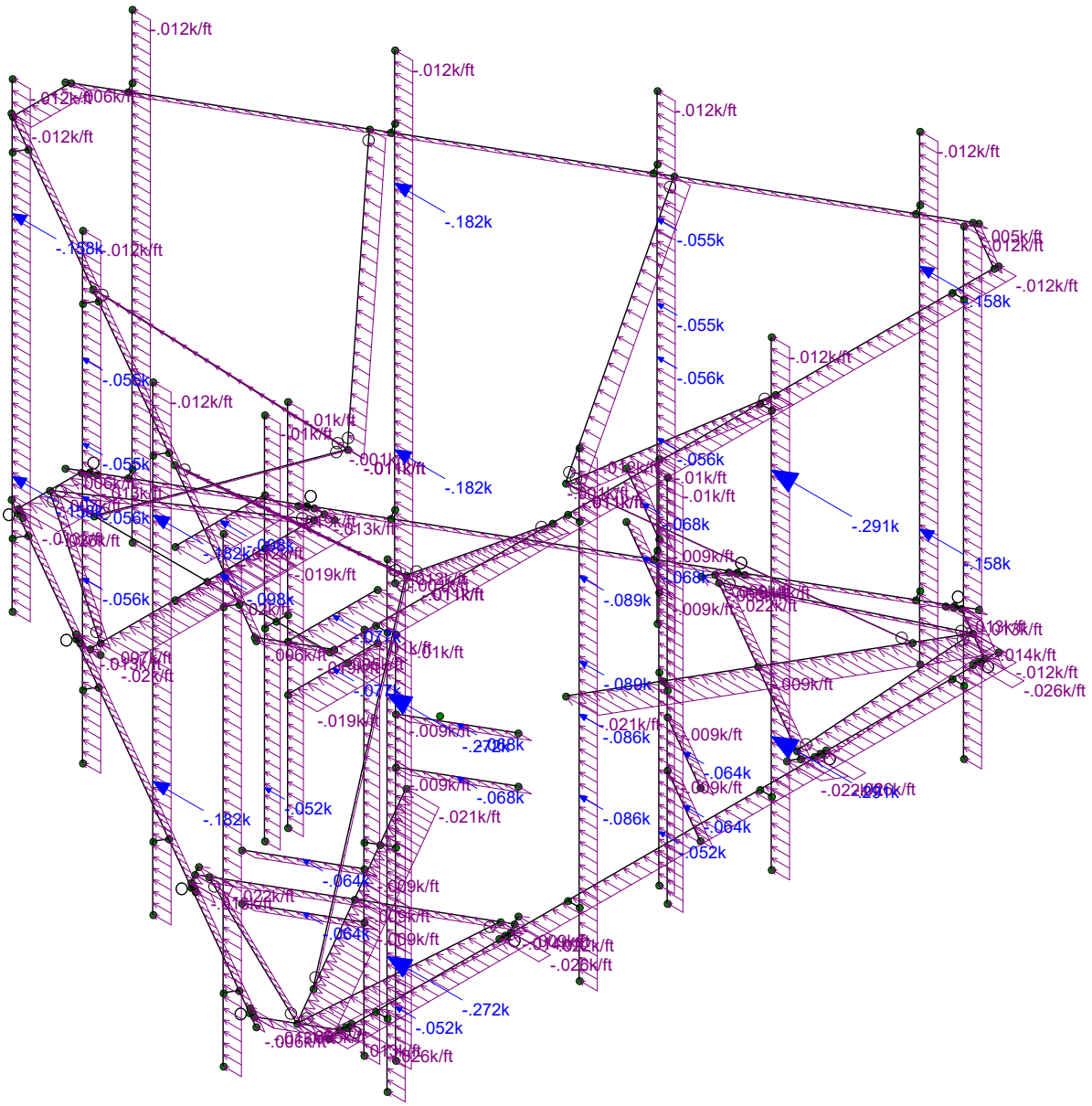

Loads: BLC 2, 0 Wind - No Ice
Envelope Only Solution

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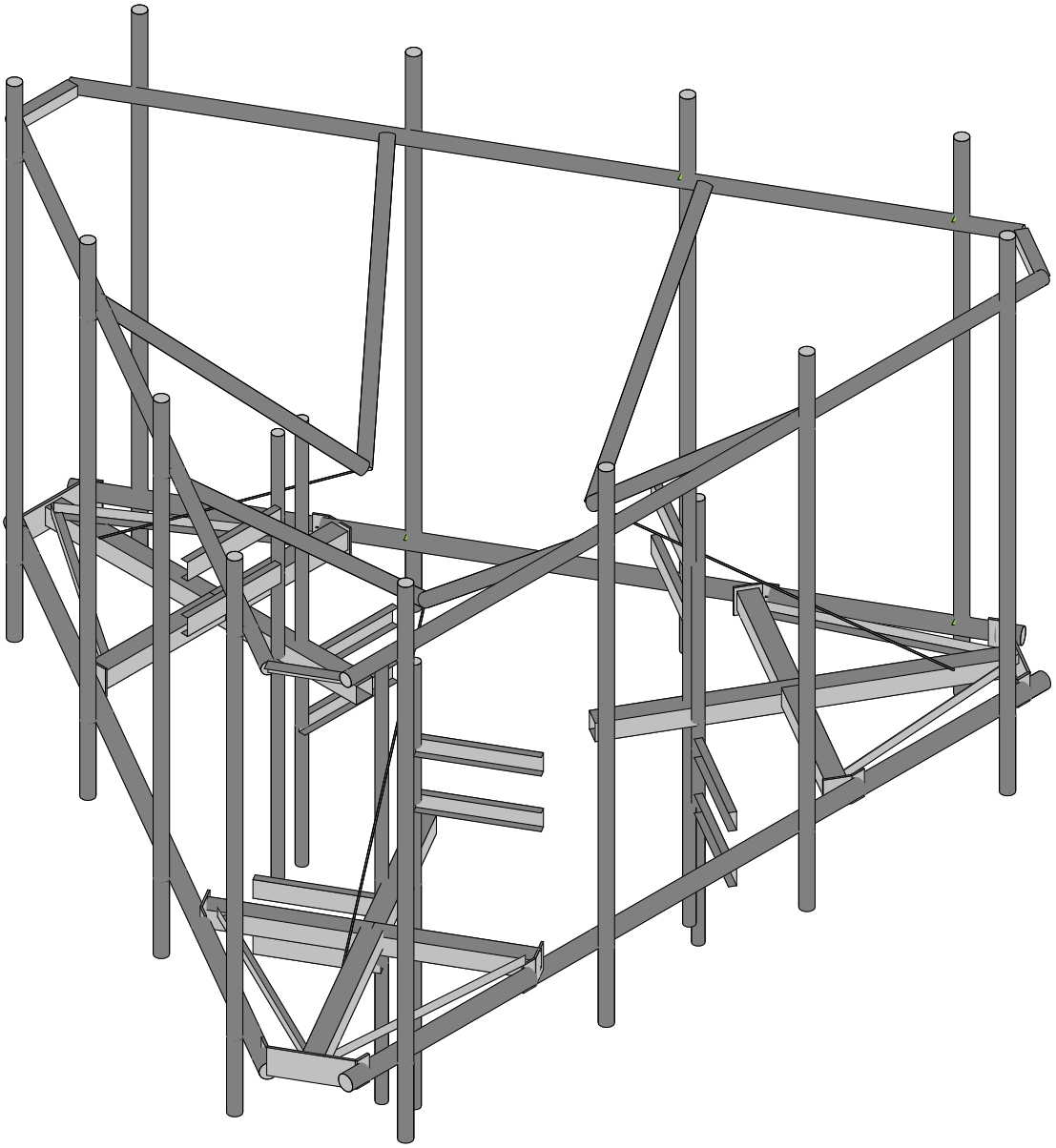
TEP No. 315910.739349		RMQLP-4120-H10.r3d



Envelope Only Solution

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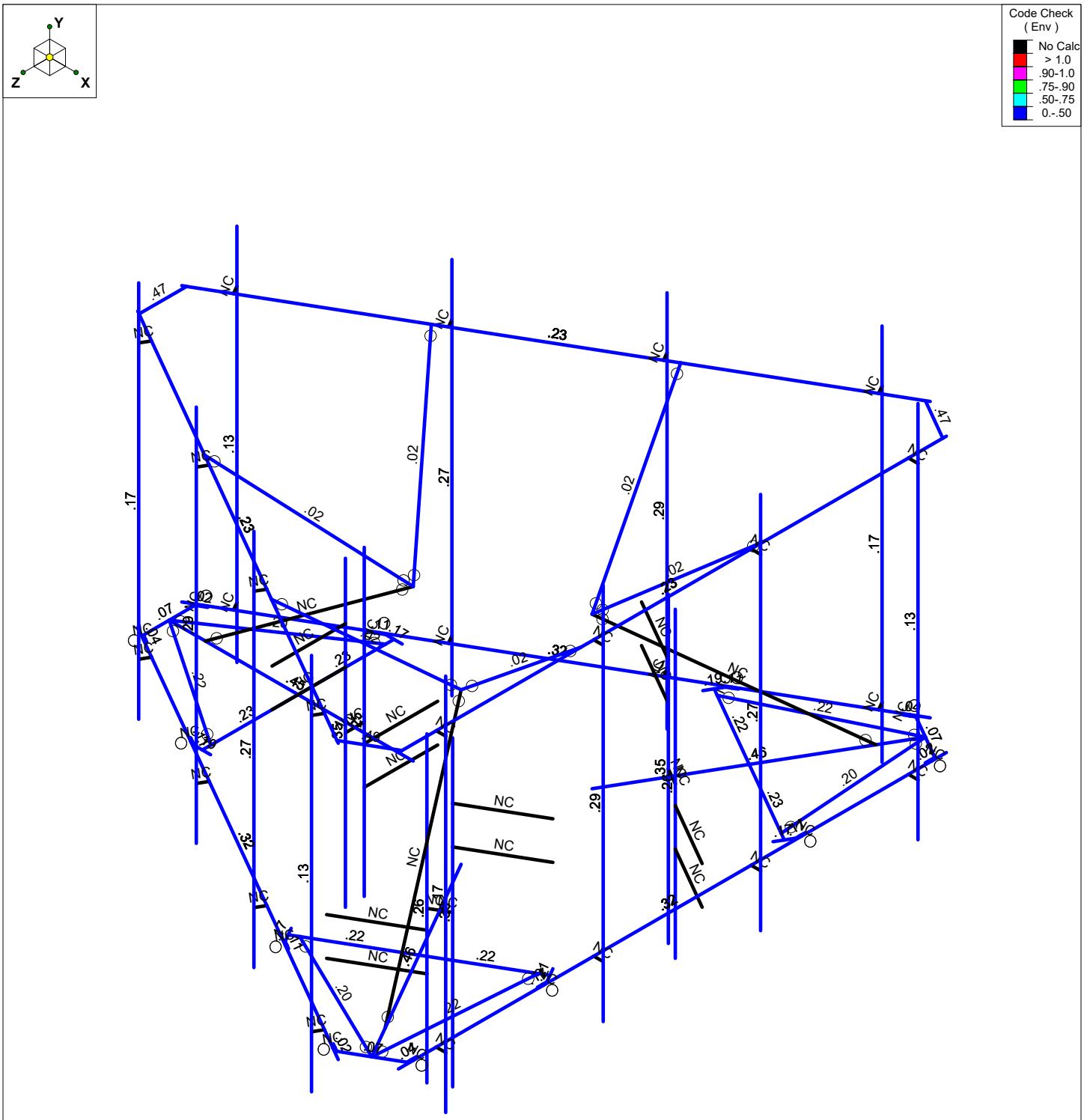

Member Code Checks Displayed (Enveloped)
Envelope Only Solution

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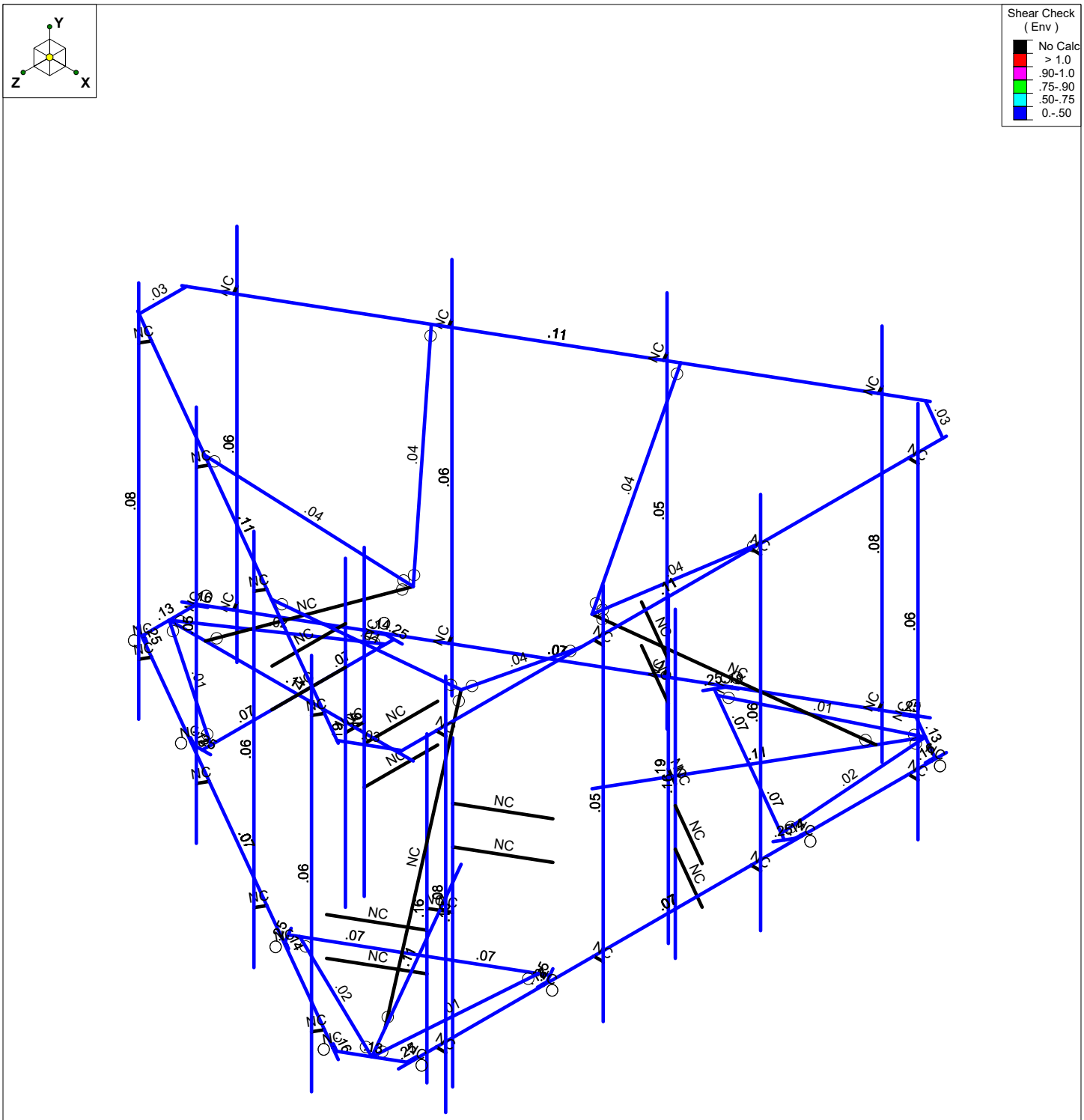

Member Shear Checks Displayed (Enveloped)
Envelope Only Solution

Tower Engineering Profes...	South Windsor Sand Hill Rd. (CTL01139)	SK - 5
MTW		Sept 1, 2022 at 1:58 PM
TEP No. 315910.739349		RMQLP-4120-H10.r3d

(Global) Model Settings

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

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

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

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
1:58 PM
Checked By: CLT

(Global) Model Settings, Continued

Seismic Code	None
Seismic Base Elevation (ft)	Not Entered
Add Base Weight?	Yes
Ct X	.02
Ct Z	.02
T X (sec)	Not Entered
T Z (sec)	Not Entered
R X	3
R Z	3

Hot Rolled Steel Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E..	Density[k/ft...	Yield[ksi]	Ry	Fu[ksi]	Rt
1	A36 Gr.36	29000	11154	.3	.65	.49	36	1.5	58	1.2
2	A572 Gr.50	29000	11154	.3	.65	.49	50	1.1	65	1.1
3	A992	29000	11154	.3	.65	.49	50	1.1	65	1.1
4	A500 Gr.42	29000	11154	.3	.65	.49	42	1.4	58	1.3
5	A500 Gr.46	29000	11154	.3	.65	.49	46	1.4	58	1.3
6	A53-B-35	29000	11154	.3	.65	.49	35	1.5	60	1.2
7	AIRECRAFT	21000	11153.846	.3	.65	0	36	1.5	58	1.2

General Material Properties

	Label	E [ksi]	G [ksi]	Nu	Therm (/1E5 F)	Density[k/ft^3]
1	gen_Conc3NW	3155	1372	.15	.6	.145
2	gen_Conc4NW	3644	1584	.15	.6	.145
3	gen_Conc3LW	2085	906	.15	.6	.11
4	gen_Conc4LW	2408	1047	.15	.6	.11
5	gen_Alum	10600	4077	.3	1.29	.173
6	gen_Steel	29000	11154	.3	.65	.49
7	RIGID	1e+6		.3	0	0
8	Cable	21000	11154	.3	.65	.49

Hot Rolled Steel Section Sets

	Label	Shape	Type	Design List	Material	Design ...	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	Face Horizontal	PIPE_3.0	Beam	Pipe	A53-B-35	Typical	2.07	2.85	2.85	5.69
2	Support Frame	HSS4X4X4	Beam	SquareTube	A500 Gr.46	Typical	3.37	7.8	7.8	12.8
3	Support Rail	PIPE_2.5	Beam	Pipe	A53-B-35	Typical	1.61	1.45	1.45	2.89
4	Grating Support	L2x2x3	Beam	Single Angle	A36 Gr.36	Typical	.722	.271	.271	.009
5	Face Corner Har...	PL6x1/2	Beam	RECT	A36 Gr.36	Typical	3	.063	9	.237
6	AHCP	L2.5x2.5x4	Beam	Single Angle	A36 Gr.36	Typical	1.19	.692	.692	.026
7	Internal Corner H...	PL6x3/8	Beam	RECT	A53-B-35	Typical	2.25	.026	6.75	.101
8	Mount Pipe 1	PIPE_2.0	Column	Pipe	A53-B-35	Typical	1.02	.627	.627	1.25
9	VSK Reinforcem...	PIPE_2.5	HBrace	Pipe	A53-B-35	Typical	1.61	1.45	1.45	2.89
10	Tension Brace	5/16 Guy Wire	VBrace	BAR	AIRECRAFT	Typical	.059	.000282	.000282	.000563
11	Mount Pipe 2	PIPE_2.5	Column	Pipe	A53-B-35	Typical	1.61	1.45	1.45	2.89
12	RRU MOUNT	C4X4.5	Beam	Channel	A36 Gr.36	Typical	1.34	.265	3.53	.031

General Section Sets

	Label	Shape	Type	Material	A [in2]	Iyy [in4]	Izz [in4]	J [in4]
1	GEN1A	RE4X4	Beam	gen_Conc3N...	16	21.333	21.333	31.573
2	RIGID		None	RIGID	1e+6	1e+6	1e+6	1e+6
3	5/16 Cable	Guy 5/16_GMA	None	Cable	.059	.001	.001	.001

Joint Coordinates and Temperatures

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach Fro...
1	X4	4.859365	0	3.416667	0	
2	X5	4.859365	0	-3.416667	0	
3	X6	-5.388603	0	2.5	0	
4	X7	0.529238	0	5.916667	0	
5	X8	0.529238	0	-5.916667	0	
6	X9	-5.388603	0	-2.5	0	
7	SA1	1.000002	0	1.732054	0	
8	X11	4.229312	0	7.325383	0	
9	SA2	-2.000003	0	0	0	
10	X13	-8.458624	0	0	0	
11	SA3	1.000002	0	-1.732054	0	
12	X15	4.229312	0	-7.325383	0	
13	X16	4.859365	0	-7.249997	0	
14	X17	3.848999	0	7.833332	0	
15	X18	-8.708364	0	-0.583335	0	
16	X19	4.859365	0	7.249997	0	
17	X20	-8.708364	0	0.583335	0	
18	X21	3.848999	0	-7.833332	0	
19	X28	4.859365	0	-6.860672	0	
20	X29	3.511834	0	7.638669	0	
21	X30	-8.371198	0	-0.777998	0	
22	X31	4.859365	0	6.860678	0	
23	X32	-8.371204	0	0.777994	0	
24	X33	3.511839	0	-7.638673	0	
25	X34	4.817698	0	-6.860672	0	
26	X35	4.817698	0	6.860678	0	
27	X36	3.532667	0	7.602584	0	
28	X37	-8.350371	0	0.741909	0	
29	X38	4.817698	0	6.735678	0	
30	X39	4.817698	0	6.985678	0	
31	X40	-8.350365	0	-0.741913	0	
32	X41	4.817698	0	-6.735678	0	
33	X42	3.532673	0	-7.602588	0	
34	X43	4.817698	0	-6.985678	0	
35	X44	-8.242117	0	0.804409	0	
36	X45	-8.458624	0	0.679409	0	
37	X46	3.42442	0	7.540088	0	
38	X47	3.640926	0	7.665088	0	
39	X48	3.42442	0	-7.540088	0	
40	X49	3.640926	0	-7.665088	0	
41	X50	-8.242117	0	-0.804409	0	
42	X51	-8.458624	0	-0.679409	0	
43	X52	4.828115	0	3.416667	0	
44	X53	4.828115	0	-3.416667	0	
45	X54	-5.372978	0	2.472937	0	
46	X55	0.544863	0	5.889603	0	
47	X56	4.828115	0	3.541667	0	
48	X57	4.828115	0	3.291667	0	
49	X58	0.544863	0	-5.889603	0	
50	X59	4.828115	0	-3.541667	0	
51	X60	-5.372978	0	-2.472937	0	
52	X61	4.828115	0	-3.291667	0	
53	X62	-5.481231	0	2.410437	0	
54	X63	-5.264724	0	2.535437	0	
55	X64	0.653116	0	5.952103	0	
56	X65	0.43661	0	5.827103	0	

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach Fro...
57	X66	0.653116	0	-5.952103	0	
58	X67	0.43661	0	-5.827103	0	
59	X68	-5.481231	0	-2.410437	0	
60	X69	-5.264724	0	-2.535437	0	
61	X70	-4.827224	0	2.535437	0	
62	X71	-4.827224	0	-2.535437	0	
63	X72	0.21786	0	-5.448217	0	
64	X73	4.609365	0	-2.912781	0	
65	X74	4.71874	0	3.102224	0	
66	X75	0.327235	0	5.63766	0	
67	X76	4.609365	0	2.912781	0	
68	X77	-5.045974	0	2.535437	0	
69	X78	0.21786	0	5.448217	0	
70	X79	-5.045974	0	-2.535437	0	
71	X80	0.327235	0	-5.63766	0	
72	X81	4.71874	0	-3.102224	0	
73	X82	2.522987	0	4.369942	0	
74	X83	2.522987	0	-4.369942	0	
75	X84	-5.045974	0	0.	0	
76	X85	4.526365	0	3.213291	0	
77	X86	0.51961	0	-5.526593	0	
78	X87	-5.045974	0	2.313301	0	
79	X88	4.526365	0	-3.213291	0	
80	X89	-5.045974	0	-2.313301	0	
81	X90	0.51961	0	5.526593	0	
82	N82	4.859365	7.25	-7.25	0	
83	N83	4.859365	7.25	7.25	0	
84	N84	-8.708367	7.25	-0.583334	0	
85	N85	3.849002	7.25	-7.833334	0	
86	N86	3.849002	7.25	7.833334	0	
87	N87	-8.708367	7.25	0.583334	0	
88	N88	4.859365	7.25	-7.15675	0	
89	N89	4.859365	7.25	7.15675	0	
90	N90	-8.62761	7.25	-0.629959	0	
91	N91	3.768245	7.25	-7.786709	0	
92	N92	3.768245	7.25	7.786709	0	
93	N93	-8.62761	7.25	0.629959	0	
94	N94	4.859365	0	-6.25	0	
95	N95	4.859365	7.25	-6.25	0	
96	N96	5.109365	0	-6.25	0	
97	N97	5.109365	7.25	-6.25	0	
98	N98	5.109365	8.625	-6.25	0	
99	N99	5.109365	-1.375	-6.25	0	
100	X1	1.000002	4	1.732054	0	
101	X2	-2.000003	4	0	0	
102	X3	1.000002	4	-1.732054	0	
103	X91	3.750002	0	6.495194	0	
104	X93	-7.500003	0	0	0	
105	X95	3.750002	0	-6.495194	0	
106	X100	4.859365	7.25	-2.416666	0	
107	X101	4.859365	7.25	2.416666	0	
108	X102	-0.336789	7.25	5.416666	0	
109	X103	-4.522577	7.25	3.000001	0	
110	X104	-4.522577	7.25	-3.000001	0	
111	X105	-0.336789	7.25	-5.416666	0	
112	N112	4.859365	0	-2.083333	0	
113	N113	4.859365	7.25	-2.083333	0	

Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach Fro...
114	N114	5.109365	0	-2.083333	0	
115	N115	5.109365	7.25	-2.083333	0	
116	N116	5.109365	8.625	-2.083333	0	
117	N117	5.109365	-1.375	-2.083333	0	
118	N118	4.859365	0	6.25	0	
119	N119	4.859365	7.25	6.25	0	
120	N120	5.109365	0	6.25	0	
121	N121	5.109365	7.25	6.25	0	
122	N122	5.109365	8.625	6.25	0	
123	N123	5.109365	-1.375	6.25	0	
124	N124	4.859365	0	2.083333	0	
125	N125	4.859365	7.25	2.083333	0	
126	N126	5.109365	0	2.083333	0	
127	N127	5.109365	7.25	2.083333	0	
128	N128	5.109365	8.625	2.083333	0	
129	N129	5.109365	-1.375	2.083333	0	
130	N130	-7.842341	0	-1.083333	0	
131	N131	-7.842341	7.25	-1.083334	0	
132	N132	-7.967341	0	-1.29984	0	
133	N133	-7.967341	7.25	-1.29984	0	
134	N134	-7.967341	8.625	-1.29984	0	
135	N135	-7.967341	-1.375	-1.29984	0	
136	N136	-4.233902	0	-3.166667	0	
137	N137	-4.233902	7.25	-3.166667	0	
138	N138	-4.358902	0	-3.383173	0	
139	N139	-4.358902	7.25	-3.383173	0	
140	N140	-4.358902	8.625	-3.383173	0	
141	N141	-4.358902	-1.375	-3.383173	0	
142	N142	2.982976	0	-7.333333	0	
143	N143	2.982976	7.25	-7.333334	0	
144	N144	2.857976	0	-7.54984	0	
145	N145	2.857976	7.25	-7.54984	0	
146	N146	2.857976	8.625	-7.54984	0	
147	N147	2.857976	-1.375	-7.54984	0	
148	N148	-0.625463	0	-5.25	0	
149	N149	-0.625463	7.25	-5.25	0	
150	N150	-0.750463	0	-5.466506	0	
151	N151	-0.750463	7.25	-5.466506	0	
152	N152	-0.750463	8.625	-5.466506	0	
153	N153	-0.750463	-1.375	-5.466506	0	
154	N154	2.982976	0	7.333333	0	
155	N155	2.982976	7.25	7.333334	0	
156	N156	2.857976	0	7.54984	0	
157	N157	2.857976	7.25	7.54984	0	
158	N158	2.857976	8.625	7.54984	0	
159	N159	2.857976	-1.375	7.54984	0	
160	N160	-0.625463	0	5.25	0	
161	N161	-0.625463	7.25	5.25	0	
162	N162	-0.750463	0	5.466506	0	
163	N163	-0.750463	7.25	5.466506	0	
164	N164	-0.750463	8.625	5.466506	0	
165	N165	-0.750463	-1.375	5.466506	0	
166	N166	-7.842341	0	1.083333	0	
167	N167	-7.842341	7.25	1.083334	0	
168	N168	-7.967341	0	1.29984	0	
169	N169	-7.967341	7.25	1.29984	0	
170	N170	-7.967341	8.625	1.29984	0	

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Joint Coordinates and Temperatures (Continued)

	Label	X [ft]	Y [ft]	Z [ft]	Temp [F]	Detach Fro...
171	N171	-7.967341	-1.375	1.29984	0	
172	N172	-4.233902	0	3.166667	0	
173	N173	-4.233902	7.25	3.166667	0	
174	N174	-4.358902	0	3.383173	0	
175	N175	-4.358902	7.25	3.383173	0	
176	N176	-4.358902	8.625	3.383173	0	
177	N177	-4.358902	-1.375	3.383173	0	
178	N178	-3.545974	0	0.	0	
179	N179	-3.545974	0	-.25	0	
180	N180	-3.545974	4	-.25	0	
181	N181	-3.545974	-4	-.25	0	
182	N182	1.772987	0	3.070904	0	
183	N183	1.556481	0	3.195904	0	
184	N184	1.556481	4	3.195904	0	
185	N185	1.556481	-4	3.195904	0	
186	N186	1.772987	0	-3.070904	0	
187	N187	1.989494	0	-2.945904	0	
188	N188	1.989494	4	-2.945904	0	
189	N189	1.989494	-4	-2.945904	0	
190	CENTER	0	0	0	0	
191	N192	1.556481	0	-3.195904	0	
192	N193	1.556481	4	-3.195904	0	
193	N194	1.556481	-4	-3.195904	0	
194	N195	1.989494	0	2.945904	0	
195	N196	1.989494	4	2.945904	0	
196	N197	1.989494	-4	2.945904	0	
197	N198	-3.545974	0	.25	0	
198	N199	-3.545974	4	.25	0	
199	N200	-3.545974	-4	.25	0	
200	N200A	-3.545974	-1.5	-.25	0	
201	N201	-3.545974	-.5	-.25	0	
202	N202	-3.545974	-1.5	-2.192708	0	
203	N203	-3.545974	-.5	-2.192708	0	
204	N205	-3.545974	1.5	.25	0	
205	N206	-3.545974	2.5	.25	0	
206	N207	-3.545974	1.5	2.192708	0	
207	N208	-3.545974	2.5	2.192708	0	
208	N209	1.556481	-1.5	3.195904	0	
209	N210	1.556481	-.5	3.195904	0	
210	N211	-0.125954	-1.5	4.167258	0	
211	N212	-0.125954	-.5	4.167258	0	
212	N213	1.989494	1.5	2.945904	0	
213	N214	1.989494	2.5	2.945904	0	
214	N215	3.671928	1.5	1.97455	0	
215	N216	3.671928	2.5	1.97455	0	
216	N217	1.989494	-1.5	-2.945904	0	
217	N218	1.989494	-.5	-2.945904	0	
218	N219	3.671928	-1.5	-1.97455	0	
219	N220	3.671928	-.5	-1.97455	0	
220	N221	1.556481	1.5	-3.195904	0	
221	N222	1.556481	2.5	-3.195904	0	
222	N223	-0.125954	1.5	-4.167258	0	
223	N224	-0.125954	2.5	-4.167258	0	

Joint Boundary Conditions

	Joint Label	X [k/in]	Y [k/in]	Z [k/in]	X Rot.[k-ft/rad]	Y Rot.[k-ft/rad]	Z Rot.[k-ft/rad]
1	SA1	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
2	SA2	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
3	SA3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
4	X1	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
5	X3	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction
6	X2	Reaction	Reaction	Reaction	Reaction	Reaction	Reaction

Member Primary Data

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
1	AHCP-1	N89	N92		180	AHCP	Beam	Single Angle	A36 Gr.36	Typical
2	AHCP-2	N93	N90		180	AHCP	Beam	Single Angle	A36 Gr.36	Typical
3	AHCP-3	N91	N88		180	AHCP	Beam	Single Angle	A36 Gr.36	Typical
4	CP1-1	X38	X39			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
5	CP1-2	X39	X47			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
6	CP1-3	X47	X46			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
7	CP2-1	X44	X45			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
8	CP2-2	X45	X51			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
9	CP2-3	X51	X50			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
10	CP3-1	X48	X49			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
11	CP3-2	X49	X43			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
12	CP3-3	X43	X41			Face Corner Hardware	Beam	RECT	A36 Gr.36	Typical
13	FF1-BH	X16	X19			Face Horizontal	Beam	Pipe	A53-B-35	Typical
14	FF2-BH	X17	X20			Face Horizontal	Beam	Pipe	A53-B-35	Typical
15	FF3-BH	X18	X21			Face Horizontal	Beam	Pipe	A53-B-35	Typical
16	GS-1	X85	X11			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
17	GS-2	X11	X90			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
18	GS-3	X87	X13			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
19	GS-4	X13	X89			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
20	GS-5	X86	X15			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
21	GS-6	X15	X88			Grating Support	Beam	Single Angle	A36 Gr.36	Typical
22	INT1P1	X76	X57			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
23	INT1P2	X57	X56			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
24	INT1P3	X78	X65			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
25	INT1P4	X65	X64			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
26	INT2P1	X70	X63			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
27	INT2P2	X63	X62			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
28	INT2P3	X71	X69			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
29	INT2P4	X69	X68			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
30	INT3P1	X72	X67			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
31	INT3P2	X67	X66			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
32	INT3P3	X73	X61			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
33	INT3P4	X61	X59			Internal Corner Hardware	Beam	RECT	A53-B-35	Typical
34	MP-1	N98	N99			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
35	MP-2	N116	N117			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
36	MP-3	N128	N129			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
37	MP-4	N122	N123			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
38	MP-5	N158	N159			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
39	MP-6	N164	N165			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
40	MP-7	N176	N177			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
41	MP-8	N170	N171			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
42	MP-9	N134	N135			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
43	MP-10	N140	N141			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
44	MP-11	N152	N153			Mount Pipe 2	Column	Pipe	A53-B-35	Typical
45	MP-12	N146	N147			Mount Pipe 2	Column	Pipe	A53-B-35	Typical

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
46	MP-15	N184	N185			Mount Pipe 1	Column	Pipe	A53-B-35	Typical
47	MP-17	N180	N181			Mount Pipe 1	Column	Pipe	A53-B-35	Typical
48	MP-13	N188	N189			Mount Pipe 1	Column	Pipe	A53-B-35	Typical
49	CPR1	X31	X35			RIGID	None	None	RIGID	Typical
50	CPR2	X29	X36			RIGID	None	None	RIGID	Typical
51	CPR3	X32	X37			RIGID	None	None	RIGID	Typical
52	CPR4	X30	X40			RIGID	None	None	RIGID	Typical
53	CPR5	X33	X42			RIGID	None	None	RIGID	Typical
54	CPR6	X28	X34			RIGID	None	None	RIGID	Typical
55	INTR1	X4	X52			RIGID	None	None	RIGID	Typical
56	INTR2	X7	X55			RIGID	None	None	RIGID	Typical
57	INTR3	X6	X54			RIGID	None	None	RIGID	Typical
58	INTR4	X9	X60			RIGID	None	None	RIGID	Typical
59	INTR5	X8	X58			RIGID	None	None	RIGID	Typical
60	INTR6	X5	X53			RIGID	None	None	RIGID	Typical
61	M58	N97	N95			RIGID	None	None	RIGID	Typical
62	M59	N96	N94			RIGID	None	None	RIGID	Typical
63	M71	N115	N113			RIGID	None	None	RIGID	Typical
64	M72	N114	N112			RIGID	None	None	RIGID	Typical
65	M74	N121	N119			RIGID	None	None	RIGID	Typical
66	M75	N120	N118			RIGID	None	None	RIGID	Typical
67	M77	N127	N125			RIGID	None	None	RIGID	Typical
68	M78	N126	N124			RIGID	None	None	RIGID	Typical
69	M80	N133	N131			RIGID	None	None	RIGID	Typical
70	M81	N132	N130			RIGID	None	None	RIGID	Typical
71	M83	N139	N137			RIGID	None	None	RIGID	Typical
72	M84	N138	N136			RIGID	None	None	RIGID	Typical
73	M86	N145	N143			RIGID	None	None	RIGID	Typical
74	M87	N144	N142			RIGID	None	None	RIGID	Typical
75	M89	N151	N149			RIGID	None	None	RIGID	Typical
76	M90	N150	N148			RIGID	None	None	RIGID	Typical
77	M92	N157	N155			RIGID	None	None	RIGID	Typical
78	M93	N156	N154			RIGID	None	None	RIGID	Typical
79	M95	N163	N161			RIGID	None	None	RIGID	Typical
80	M96	N162	N160			RIGID	None	None	RIGID	Typical
81	M98	N169	N167			RIGID	None	None	RIGID	Typical
82	M99	N168	N166			RIGID	None	None	RIGID	Typical
83	M101	N175	N173			RIGID	None	None	RIGID	Typical
84	M102	N174	N172			RIGID	None	None	RIGID	Typical
85	M103	N178	N179			RIGID	None	None	RIGID	Typical
86	M105	N182	N183			RIGID	None	None	RIGID	Typical
87	M107	N186	N187			RIGID	None	None	RIGID	Typical
88	INT-1A	X74	X82			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
89	INT-1B	X82	X75			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
90	INT-2A	X77	X84			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
91	INT-2B	X84	X79			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
92	INT-3A	X80	X83			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
93	INT-3B	X83	X81			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
94	SA1	SA1	X11			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
95	SA2	SA2	X13			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
96	SA3	SA3	X15			Support Frame	Beam	SquareTube	A500 Gr.46	Typical
97	SR-1	N82	N83			Support Rail	Beam	Pipe	A53-B-35	Typical
98	SR-2	N86	N87			Support Rail	Beam	Pipe	A53-B-35	Typical
99	SR-3	N84	N85			Support Rail	Beam	Pipe	A53-B-35	Typical
100	CB-1	X1	X91			Tension Brace	VBrace	BAR	AIRECRAFT	Typical
101	CB-2	X2	X93			Tension Brace	VBrace	BAR	AIRECRAFT	Typical
102	CB-3	X3	X95			Tension Brace	VBrace	BAR	AIRECRAFT	Typical

Member Primary Data (Continued)

	Label	I Joint	J Joint	K Joint	Rotate(...	Section/Shape	Type	Design List	Material	Design R...
103	VSK1	X1	X101			VSK Reinforcement	HBrace	Pipe	A53-B-35	Typical
104	VSK2	X1	X102			VSK Reinforcement	HBrace	Pipe	A53-B-35	Typical
105	VSK3	X2	X103			VSK Reinforcement	HBrace	Pipe	A53-B-35	Typical
106	VSK4	X2	X104			VSK Reinforcement	HBrace	Pipe	A53-B-35	Typical
107	VSK5	X3	X105			VSK Reinforcement	HBrace	Pipe	A53-B-35	Typical
108	VSK6	X3	X100			VSK Reinforcement	HBrace	Pipe	A53-B-35	Typical
109	MP-18	N193	N194			Mount Pipe 1	Column	Pipe	A53-B-35	Typical
110	M110	N186	N192			RIGID	None	None	RIGID	Typical
111	MP-14	N196	N197			Mount Pipe 1	Column	Pipe	A53-B-35	Typical
112	M112	N182	N195			RIGID	None	None	RIGID	Typical
113	MP-16	N199	N200			Mount Pipe 1	Column	Pipe	A53-B-35	Typical
114	M114	N178	N198			RIGID	None	None	RIGID	Typical
115	RRU9	N201	N203			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
116	RRU10	N200A	N202			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
117	RRU8	N206	N208			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
118	RRU7	N205	N207			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
119	RRU5	N210	N212			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
120	RRU6	N209	N211			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
121	RRU3	N214	N216			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
122	RRU4	N213	N215			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
123	RRU1	N218	N220			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
124	RRU2	N217	N219			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
125	RRU11	N222	N224			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical
126	RRU12	N221	N223			RRU MOUNT	Beam	Channel	A36 Gr.36	Typical

Member Advanced Data

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis ...	Inactive	Seismi...
1	AHCP-1						Yes				None
2	AHCP-2						Yes				None
3	AHCP-3						Yes				None
4	CP1-1						Yes				None
5	CP1-2						Yes				None
6	CP1-3						Yes				None
7	CP2-1						Yes				None
8	CP2-2						Yes				None
9	CP2-3						Yes				None
10	CP3-1						Yes				None
11	CP3-2						Yes				None
12	CP3-3						Yes				None
13	FF1-BH						Yes				None
14	FF2-BH						Yes				None
15	FF3-BH						Yes				None
16	GS-1	BenPIN	BenPIN				Yes				None
17	GS-2	BenPIN	BenPIN				Yes				None
18	GS-3	BenPIN	BenPIN				Yes				None
19	GS-4	BenPIN	BenPIN				Yes				None
20	GS-5	BenPIN	BenPIN				Yes				None
21	GS-6	BenPIN	BenPIN				Yes				None
22	INT1P1						Yes				None
23	INT1P2						Yes				None
24	INT1P3						Yes				None
25	INT1P4						Yes				None
26	INT2P1						Yes				None
27	INT2P2						Yes				None
28	INT2P3						Yes				None

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis ...	Inactive	Seismi...
29	INT2P4						Yes				None
30	INT3P1						Yes				None
31	INT3P2						Yes				None
32	INT3P3						Yes				None
33	INT3P4						Yes				None
34	MP-1						Yes	** NA **			None
35	MP-2						Yes	** NA **			None
36	MP-3						Yes	** NA **			None
37	MP-4						Yes	** NA **			None
38	MP-5						Yes	** NA **			None
39	MP-6						Yes	** NA **			None
40	MP-7						Yes	** NA **			None
41	MP-8						Yes	** NA **			None
42	MP-9						Yes	** NA **			None
43	MP-10						Yes	** NA **			None
44	MP-11						Yes	** NA **			None
45	MP-12						Yes	** NA **			None
46	MP-15						Yes	** NA **			None
47	MP-17						Yes	** NA **			None
48	MP-13						Yes	** NA **			None
49	CPR1		OOOXOO				Yes	** NA **			None
50	CPR2		OOOXOO				Yes	** NA **			None
51	CPR3		OOOXOO				Yes	** NA **			None
52	CPR4		OOOXOO				Yes	** NA **			None
53	CPR5		OOOXOO				Yes	** NA **			None
54	CPR6		OOOXOO				Yes	** NA **			None
55	INTR1		OOOXOO				Yes	** NA **			None
56	INTR2		OOOXOO				Yes	** NA **			None
57	INTR3		OOOXOO				Yes	** NA **			None
58	INTR4		OOOXOO				Yes	** NA **			None
59	INTR5		OOOXOO				Yes	** NA **			None
60	INTR6		OOOXOO				Yes	** NA **			None
61	M58						Yes	** NA **			None
62	M59						Yes	** NA **			None
63	M71						Yes	** NA **			None
64	M72						Yes	** NA **			None
65	M74						Yes	** NA **			None
66	M75						Yes	** NA **			None
67	M77						Yes	** NA **			None
68	M78						Yes	** NA **			None
69	M80						Yes	** NA **			None
70	M81						Yes	** NA **			None
71	M83						Yes	** NA **			None
72	M84						Yes	** NA **			None
73	M86						Yes	** NA **			None
74	M87						Yes	** NA **			None
75	M89						Yes	** NA **			None
76	M90						Yes	** NA **			None
77	M92						Yes	** NA **			None
78	M93						Yes	** NA **			None
79	M95						Yes	** NA **			None
80	M96						Yes	** NA **			None
81	M98						Yes	** NA **			None
82	M99						Yes	** NA **			None
83	M101						Yes	** NA **			None
84	M102						Yes	** NA **			None
85	M103						Yes	** NA **			None

Member Advanced Data (Continued)

	Label	I Release	J Release	I Offset[in]	J Offset[in]	T/C Only	Physical	Defl Ra...	Analysis ...		Inactive	Seismi...
86	M105						Yes	** NA **				None
87	M107						Yes	** NA **				None
88	INT-1A						Yes					None
89	INT-1B						Yes					None
90	INT-2A						Yes					None
91	INT-2B						Yes					None
92	INT-3A						Yes					None
93	INT-3B						Yes					None
94	SA1						Yes					None
95	SA2						Yes					None
96	SA3						Yes					None
97	SR-1						Yes					None
98	SR-2						Yes					None
99	SR-3						Yes					None
100	CB-1	BenPIN	BenPIN			Tension ...	Yes	** NA **			Exclude	None
101	CB-2	BenPIN	BenPIN			Tension ...	Yes	** NA **			Exclude	None
102	CB-3	BenPIN	BenPIN			Tension ...	Yes	** NA **			Exclude	None
103	VSK1	BenPIN	BenPIN				Yes	** NA **				None
104	VSK2	BenPIN	BenPIN				Yes	** NA **				None
105	VSK3	BenPIN	BenPIN				Yes	** NA **				None
106	VSK4	BenPIN	BenPIN				Yes	** NA **				None
107	VSK5	BenPIN	BenPIN				Yes	** NA **				None
108	VSK6	BenPIN	BenPIN				Yes	** NA **				None
109	MP-18						Yes	** NA **				None
110	M110						Yes	** NA **				None
111	MP-14						Yes	** NA **				None
112	M112						Yes	** NA **				None
113	MP-16						Yes	** NA **				None
114	M114						Yes	** NA **				None
115	RRU9						Yes				Exclude	None
116	RRU10						Yes				Exclude	None
117	RRU8						Yes				Exclude	None
118	RRU7						Yes				Exclude	None
119	RRU5						Yes				Exclude	None
120	RRU6						Yes				Exclude	None
121	RRU3						Yes				Exclude	None
122	RRU4						Yes				Exclude	None
123	RRU1						Yes				Exclude	None
124	RRU2						Yes				Exclude	None
125	RRU11						Yes				Exclude	None
126	RRU12						Yes				Exclude	None

Hot Rolled Steel Design Parameters

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-tor...	Kyy	Kzz	Cb	Func...
1	AHCP-1	AHCP	1.26						.65	.65		Lateral
2	AHCP-2	AHCP	1.26						.65	.65		Lateral
3	AHCP-3	AHCP	1.26						.65	.65		Lateral
4	CP1-1	Face Corner Hardw...	.25						1	1		Lateral
5	CP1-2	Face Corner Hardw...	1.359						.65	.65		Lateral
6	CP1-3	Face Corner Hardw...	.25						1	1		Lateral
7	CP2-1	Face Corner Hardw...	.25						1	1		Lateral
8	CP2-2	Face Corner Hardw...	1.359						.65	.65		Lateral
9	CP2-3	Face Corner Hardw...	.25						1	1		Lateral
10	CP3-1	Face Corner Hardw...	.25						1	1		Lateral
11	CP3-2	Face Corner Hardw...	1.359						.65	.65		Lateral

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-tor...	Kyy	Kzz	Cb	Func...
12	CP3-3	Face Corner Hardw...	.25						1	1		Lateral
13	FF1-BH	Face Horizontal	14.5	6.833					2.1	2.1		Lateral
14	FF2-BH	Face Horizontal	14.5	6.833					2.1	2.1		Lateral
15	FF3-BH	Face Horizontal	14.5	6.833					2.1	2.1		Lateral
16	GS-1	Grating Support	4.123						1	1		Lateral
17	GS-2	Grating Support	4.123						1	1		Lateral
18	GS-3	Grating Support	4.123						1	1		Lateral
19	GS-4	Grating Support	4.123						1	1		Lateral
20	GS-5	Grating Support	4.123						1	1		Lateral
21	GS-6	Grating Support	4.123						1	1		Lateral
22	INT1P1	Internal Corner Hard...	.438						1	1		Lateral
23	INT1P2	Internal Corner Hard...	.25						1	1		Lateral
24	INT1P3	Internal Corner Hard...	.438						1	1		Lateral
25	INT1P4	Internal Corner Hard...	.25						1	1		Lateral
26	INT2P1	Internal Corner Hard...	.438						1	1		Lateral
27	INT2P2	Internal Corner Hard...	.25						1	1		Lateral
28	INT2P3	Internal Corner Hard...	.438						1	1		Lateral
29	INT2P4	Internal Corner Hard...	.25						1	1		Lateral
30	INT3P1	Internal Corner Hard...	.438						1	1		Lateral
31	INT3P2	Internal Corner Hard...	.25						1	1		Lateral
32	INT3P3	Internal Corner Hard...	.438						1	1		Lateral
33	INT3P4	Internal Corner Hard...	.25						1	1		Lateral
34	MP-1	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
35	MP-2	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
36	MP-3	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
37	MP-4	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
38	MP-5	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
39	MP-6	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
40	MP-7	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
41	MP-8	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
42	MP-9	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
43	MP-10	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
44	MP-11	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
45	MP-12	Mount Pipe 2	10	Segment	Segment				2.1	2.1		Lateral
46	MP-15	Mount Pipe 1	8	Segment	Segment				2.1	2.1		Lateral
47	MP-17	Mount Pipe 1	8	Segment	Segment				2.1	2.1		Lateral
48	MP-13	Mount Pipe 1	8	Segment	Segment				2.1	2.1		Lateral
49	INT-1A	Support Frame	2.535						.8	.8		Lateral
50	INT-1B	Support Frame	2.535						.8	.8		Lateral
51	INT-2A	Support Frame	2.535						.8	.8		Lateral
52	INT-2B	Support Frame	2.535						.8	.8		Lateral
53	INT-3A	Support Frame	2.535						.8	.8		Lateral
54	INT-3B	Support Frame	2.535						.8	.8		Lateral
55	SA1	Support Frame	6.459	3.413					2.1	2.1		Lateral
56	SA2	Support Frame	6.459	3.413					2.1	2.1		Lateral
57	SA3	Support Frame	6.459	3.413					2.1	2.1		Lateral
58	SR-1	Support Rail	14.5	14.313					2.1	2.1		Lateral
59	SR-2	Support Rail	14.5	14.313					2.1	2.1		Lateral
60	SR-3	Support Rail	14.5	14.313					2.1	2.1		Lateral
61	CB-1	Tension Brace	6.801						1	1		Lateral
62	CB-2	Tension Brace	6.801						1	1		Lateral
63	CB-3	Tension Brace	6.801						1	1		Lateral
64	VSK1	VSK Reinforcement	5.092						1	1		Lateral
65	VSK2	VSK Reinforcement	5.092						1	1		Lateral
66	VSK3	VSK Reinforcement	5.092						1	1		Lateral
67	VSK4	VSK Reinforcement	5.092						1	1		Lateral
68	VSK5	VSK Reinforcement	5.092						1	1		Lateral

Hot Rolled Steel Design Parameters (Continued)

	Label	Shape	Length[ft]	Lbyy[ft]	Lbzz[ft]	Lcomp top[ft]	Lcomp bot[ft]	L-tor...	Kyy	Kzz	Cb	Func...
69	VSK6	VSK Reinforcement	5.092						1	1		Lateral
70	MP-18	Mount Pipe 1	8	Segment	Segment				2.1	2.1		Lateral
71	MP-14	Mount Pipe 1	8	Segment	Segment				2.1	2.1		Lateral
72	MP-16	Mount Pipe 1	8	Segment	Segment				2.1	2.1		Lateral
73	RRU9	RRU MOUNT	1.943						2.1	2.1		Lateral
74	RRU10	RRU MOUNT	1.943						2.1	2.1		Lateral
75	RRU8	RRU MOUNT	1.943						2.1	2.1		Lateral
76	RRU7	RRU MOUNT	1.943						2.1	2.1		Lateral
77	RRU5	RRU MOUNT	1.943						2.1	2.1		Lateral
78	RRU6	RRU MOUNT	1.943						2.1	2.1		Lateral
79	RRU3	RRU MOUNT	1.943						2.1	2.1		Lateral
80	RRU4	RRU MOUNT	1.943						2.1	2.1		Lateral
81	RRU1	RRU MOUNT	1.943						2.1	2.1		Lateral
82	RRU2	RRU MOUNT	1.943						2.1	2.1		Lateral
83	RRU11	RRU MOUNT	1.943						2.1	2.1		Lateral
84	RRU12	RRU MOUNT	1.943						2.1	2.1		Lateral

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	-.005	-.005	0	%100
2	AHCP-2	X	-.012	-.012	0	%100
3	AHCP-3	X	-.005	-.005	0	%100
4	CP1-1	X	-.026	-.026	0	%100
5	CP1-2	X	-.013	-.013	0	%100
6	CP1-3	X	-.013	-.013	0	%100
7	CP2-1	X	-.013	-.013	0	%100
8	CP2-2	X	-.026	-.026	0	%100
9	CP2-3	X	-.013	-.013	0	%100
10	CP3-1	X	-.013	-.013	0	%100
11	CP3-2	X	-.013	-.013	0	%100
12	CP3-3	X	-.026	-.026	0	%100
13	FF1-BH	X	-.012	-.012	0	%100
14	FF2-BH	X	-.006	-.006	0	%100
15	FF3-BH	X	-.006	-.006	0	%100
16	GS-1	X	-.014	-.014	0	%100
17	GS-2	X	-.005	-.005	0	%100
18	GS-3	X	-.007	-.007	0	%100
19	GS-4	X	-.007	-.007	0	%100
20	GS-5	X	-.005	-.005	0	%100
21	GS-6	X	-.014	-.014	0	%100
22	INT1P1	X	-.022	-.022	0	%100
23	INT1P2	X	-.026	-.026	0	%100
24	INT1P3	X	-.022	-.022	0	%100
25	INT1P4	X	-.013	-.013	0	%100
26	INT2P1	X	0	0	0	%100
27	INT2P2	X	-.013	-.013	0	%100
28	INT2P3	X	0	0	0	%100
29	INT2P4	X	-.013	-.013	0	%100
30	INT3P1	X	-.022	-.022	0	%100
31	INT3P2	X	-.013	-.013	0	%100
32	INT3P3	X	-.022	-.022	0	%100
33	INT3P4	X	-.026	-.026	0	%100
34	MP-1	X	-.012	-.012	0	%100
35	MP-2	X	-.012	-.012	0	%100
36	MP-3	X	-.012	-.012	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
37	MP-4	X	-.012	-.012	0	%100
38	MP-5	X	-.012	-.012	0	%100
39	MP-6	X	-.012	-.012	0	%100
40	MP-7	X	-.012	-.012	0	%100
41	MP-8	X	-.012	-.012	0	%100
42	MP-9	X	-.012	-.012	0	%100
43	MP-10	X	-.012	-.012	0	%100
44	MP-11	X	-.012	-.012	0	%100
45	MP-12	X	-.012	-.012	0	%100
46	MP-15	X	-.01	-.01	0	%100
47	MP-17	X	-.01	-.01	0	%100
48	MP-13	X	-.01	-.01	0	%100
49	INT-1A	X	-.009	-.009	0	%100
50	INT-1B	X	-.009	-.009	0	%100
51	INT-2A	X	-.02	-.02	0	%100
52	INT-2B	X	-.02	-.02	0	%100
53	INT-3A	X	-.009	-.009	0	%100
54	INT-3B	X	-.009	-.009	0	%100
55	SA1	X	-.021	-.021	0	%100
56	SA2	X	0	0	0	%100
57	SA3	X	-.021	-.021	0	%100
58	SR-1	X	-.012	-.012	0	%100
59	SR-2	X	-.006	-.006	0	%100
60	SR-3	X	-.006	-.006	0	%100
61	CB-1	X	-.001	-.001	0	%100
62	CB-2	X	-.001	-.001	0	%100
63	CB-3	X	-.001	-.001	0	%100
64	VSK1	X	-.011	-.011	0	%100
65	VSK2	X	-.011	-.011	0	%100
66	VSK3	X	-.011	-.011	0	%100
67	VSK4	X	-.011	-.011	0	%100
68	VSK5	X	-.011	-.011	0	%100
69	VSK6	X	-.011	-.011	0	%100
70	MP-18	X	-.01	-.01	0	%100
71	MP-14	X	-.01	-.01	0	%100
72	MP-16	X	-.01	-.01	0	%100
73	RRU9	X	-.019	-.019	0	%100
74	RRU10	X	-.019	-.019	0	%100
75	RRU8	X	-.019	-.019	0	%100
76	RRU7	X	-.019	-.019	0	%100
77	RRU5	X	-.009	-.009	0	%100
78	RRU6	X	-.009	-.009	0	%100
79	RRU3	X	-.009	-.009	0	%100
80	RRU4	X	-.009	-.009	0	%100
81	RRU1	X	-.009	-.009	0	%100
82	RRU2	X	-.009	-.009	0	%100
83	RRU11	X	-.009	-.009	0	%100
84	RRU12	X	-.009	-.009	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	-.008	-.008	0	%100
2	AHCP-2	X	-.009	-.009	0	%100
3	AHCP-3	X	0	0	0	%100
4	CP1-1	X	-.019	-.019	0	%100
5	CP1-2	X	-.019	-.019	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
6	CP1-3	X	0	0	0	%100
7	CP2-1	X	0	0	0	%100
8	CP2-2	X	-.019	-.019	0	%100
9	CP2-3	X	-.019	-.019	0	%100
10	CP3-1	X	-.019	-.019	0	%100
11	CP3-2	X	0	0	0	%100
12	CP3-3	X	-.019	-.019	0	%100
13	FF1-BH	X	-.009	-.009	0	%100
14	FF2-BH	X	0	0	0	%100
15	FF3-BH	X	-.009	-.009	0	%100
16	GS-1	X	-.011	-.011	0	%100
17	GS-2	X	-.000681	-.000681	0	%100
18	GS-3	X	-.000727	-.000727	0	%100
19	GS-4	X	-.009	-.009	0	%100
20	GS-5	X	-.008	-.008	0	%100
21	GS-6	X	-.01	-.01	0	%100
22	INT1P1	X	-.011	-.011	0	%100
23	INT1P2	X	-.019	-.019	0	%100
24	INT1P3	X	-.011	-.011	0	%100
25	INT1P4	X	0	0	0	%100
26	INT2P1	X	-.011	-.011	0	%100
27	INT2P2	X	0	0	0	%100
28	INT2P3	X	-.011	-.011	0	%100
29	INT2P4	X	-.019	-.019	0	%100
30	INT3P1	X	-.022	-.022	0	%100
31	INT3P2	X	-.019	-.019	0	%100
32	INT3P3	X	-.022	-.022	0	%100
33	INT3P4	X	-.019	-.019	0	%100
34	MP-1	X	-.01	-.01	0	%100
35	MP-2	X	-.01	-.01	0	%100
36	MP-3	X	-.01	-.01	0	%100
37	MP-4	X	-.01	-.01	0	%100
38	MP-5	X	-.01	-.01	0	%100
39	MP-6	X	-.01	-.01	0	%100
40	MP-7	X	-.01	-.01	0	%100
41	MP-8	X	-.01	-.01	0	%100
42	MP-9	X	-.01	-.01	0	%100
43	MP-10	X	-.01	-.01	0	%100
44	MP-11	X	-.01	-.01	0	%100
45	MP-12	X	-.01	-.01	0	%100
46	MP-15	X	-.009	-.009	0	%100
47	MP-17	X	-.009	-.009	0	%100
48	MP-13	X	-.009	-.009	0	%100
49	INT-1A	X	-.013	-.013	0	%100
50	INT-1B	X	-.013	-.013	0	%100
51	INT-2A	X	-.015	-.015	0	%100
52	INT-2B	X	-.015	-.015	0	%100
53	INT-3A	X	0	0	0	%100
54	INT-3B	X	0	0	0	%100
55	SA1	X	-.011	-.011	0	%100
56	SA2	X	-.007	-.007	0	%100
57	SA3	X	-.021	-.021	0	%100
58	SR-1	X	-.009	-.009	0	%100
59	SR-2	X	0	0	0	%100
60	SR-3	X	-.009	-.009	0	%100
61	CB-1	X	-.001	-.001	0	%100
62	CB-2	X	-.001	-.001	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
63	CB-3	X	-.001	-.001	0	%100
64	VSK1	X	-.009	-.009	0	%100
65	VSK2	X	-.009	-.009	0	%100
66	VSK3	X	-.009	-.009	0	%100
67	VSK4	X	-.009	-.009	0	%100
68	VSK5	X	-.009	-.009	0	%100
69	VSK6	X	-.009	-.009	0	%100
70	MP-18	X	-.009	-.009	0	%100
71	MP-14	X	-.009	-.009	0	%100
72	MP-16	X	-.009	-.009	0	%100
73	RRU9	X	-.014	-.014	0	%100
74	RRU10	X	-.014	-.014	0	%100
75	RRU8	X	-.014	-.014	0	%100
76	RRU7	X	-.014	-.014	0	%100
77	RRU5	X	-.013	-.013	0	%100
78	RRU6	X	-.013	-.013	0	%100
79	RRU3	X	-.013	-.013	0	%100
80	RRU4	X	-.013	-.013	0	%100
81	RRU1	X	0	0	0	%100
82	RRU2	X	0	0	0	%100
83	RRU11	X	0	0	0	%100
84	RRU12	X	0	0	0	%100
85	AHCP-1	Z	-.005	-.005	0	%100
86	AHCP-2	Z	-.005	-.005	0	%100
87	AHCP-3	Z	0	0	0	%100
88	CP1-1	Z	-.011	-.011	0	%100
89	CP1-2	Z	-.011	-.011	0	%100
90	CP1-3	Z	0	0	0	%100
91	CP2-1	Z	0	0	0	%100
92	CP2-2	Z	-.011	-.011	0	%100
93	CP2-3	Z	-.011	-.011	0	%100
94	CP3-1	Z	-.011	-.011	0	%100
95	CP3-2	Z	0	0	0	%100
96	CP3-3	Z	-.011	-.011	0	%100
97	FF1-BH	Z	-.005	-.005	0	%100
98	FF2-BH	Z	0	0	0	%100
99	FF3-BH	Z	-.005	-.005	0	%100
100	GS-1	Z	-.004	-.004	0	%100
101	GS-2	Z	-.000491	-.000491	0	%100
102	GS-3	Z	-.000476	-.000476	0	%100
103	GS-4	Z	-.006	-.006	0	%100
104	GS-5	Z	-.006	-.006	0	%100
105	GS-6	Z	-.004	-.004	0	%100
106	INT1P1	Z	-.006	-.006	0	%100
107	INT1P2	Z	-.011	-.011	0	%100
108	INT1P3	Z	-.006	-.006	0	%100
109	INT1P4	Z	0	0	0	%100
110	INT2P1	Z	-.006	-.006	0	%100
111	INT2P2	Z	0	0	0	%100
112	INT2P3	Z	-.006	-.006	0	%100
113	INT2P4	Z	-.011	-.011	0	%100
114	INT3P1	Z	-.013	-.013	0	%100
115	INT3P2	Z	-.011	-.011	0	%100
116	INT3P3	Z	-.013	-.013	0	%100
117	INT3P4	Z	-.011	-.011	0	%100
118	MP-1	Z	-.006	-.006	0	%100
119	MP-2	Z	-.006	-.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
120	MP-3	Z	-.006	-.006	0	%100
121	MP-4	Z	-.006	-.006	0	%100
122	MP-5	Z	-.006	-.006	0	%100
123	MP-6	Z	-.006	-.006	0	%100
124	MP-7	Z	-.006	-.006	0	%100
125	MP-8	Z	-.006	-.006	0	%100
126	MP-9	Z	-.006	-.006	0	%100
127	MP-10	Z	-.006	-.006	0	%100
128	MP-11	Z	-.006	-.006	0	%100
129	MP-12	Z	-.006	-.006	0	%100
130	MP-15	Z	-.005	-.005	0	%100
131	MP-17	Z	-.005	-.005	0	%100
132	MP-13	Z	-.005	-.005	0	%100
133	INT-1A	Z	-.009	-.009	0	%100
134	INT-1B	Z	-.009	-.009	0	%100
135	INT-2A	Z	-.009	-.009	0	%100
136	INT-2B	Z	-.009	-.009	0	%100
137	INT-3A	Z	0	0	0	%100
138	INT-3B	Z	0	0	0	%100
139	SA1	Z	-.005	-.005	0	%100
140	SA2	Z	-.006	-.006	0	%100
141	SA3	Z	-.011	-.011	0	%100
142	SR-1	Z	-.005	-.005	0	%100
143	SR-2	Z	0	0	0	%100
144	SR-3	Z	-.005	-.005	0	%100
145	CB-1	Z	-.00059	-.00059	0	%100
146	CB-2	Z	-.00059	-.00059	0	%100
147	CB-3	Z	-.00059	-.00059	0	%100
148	VSK1	Z	-.005	-.005	0	%100
149	VSK2	Z	-.005	-.005	0	%100
150	VSK3	Z	-.005	-.005	0	%100
151	VSK4	Z	-.005	-.005	0	%100
152	VSK5	Z	-.005	-.005	0	%100
153	VSK6	Z	-.005	-.005	0	%100
154	MP-18	Z	-.005	-.005	0	%100
155	MP-14	Z	-.005	-.005	0	%100
156	MP-16	Z	-.005	-.005	0	%100
157	RRU9	Z	-.008	-.008	0	%100
158	RRU10	Z	-.008	-.008	0	%100
159	RRU8	Z	-.008	-.008	0	%100
160	RRU7	Z	-.008	-.008	0	%100
161	RRU5	Z	-.008	-.008	0	%100
162	RRU6	Z	-.008	-.008	0	%100
163	RRU3	Z	-.008	-.008	0	%100
164	RRU4	Z	-.008	-.008	0	%100
165	RRU1	Z	0	0	0	%100
166	RRU2	Z	0	0	0	%100
167	RRU11	Z	0	0	0	%100
168	RRU12	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.007	-.007	0	%100
2	AHCP-2	X	-.006	-.006	0	%100
3	AHCP-3	X	-.002	-.002	0	%100
4	CP1-1	X	-.013	-.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
5	CP1-2	X	-.018	-.018	0	%100
6	CP1-3	X	-.005	-.005	0	%100
7	CP2-1	X	-.005	-.005	0	%100
8	CP2-2	X	-.013	-.013	0	%100
9	CP2-3	X	-.018	-.018	0	%100
10	CP3-1	X	-.018	-.018	0	%100
11	CP3-2	X	-.005	-.005	0	%100
12	CP3-3	X	-.013	-.013	0	%100
13	FF1-BH	X	-.006	-.006	0	%100
14	FF2-BH	X	-.002	-.002	0	%100
15	FF3-BH	X	-.008	-.008	0	%100
16	GS-1	X	-.008	-.008	0	%100
17	GS-2	X	-.003	-.003	0	%100
18	GS-3	X	-.002	-.002	0	%100
19	GS-4	X	-.008	-.008	0	%100
20	GS-5	X	-.007	-.007	0	%100
21	GS-6	X	-.007	-.007	0	%100
22	INT1P1	X	-.005	-.005	0	%100
23	INT1P2	X	-.013	-.013	0	%100
24	INT1P3	X	-.005	-.005	0	%100
25	INT1P4	X	-.005	-.005	0	%100
26	INT2P1	X	-.013	-.013	0	%100
27	INT2P2	X	-.005	-.005	0	%100
28	INT2P3	X	-.013	-.013	0	%100
29	INT2P4	X	-.018	-.018	0	%100
30	INT3P1	X	-.018	-.018	0	%100
31	INT3P2	X	-.018	-.018	0	%100
32	INT3P3	X	-.018	-.018	0	%100
33	INT3P4	X	-.013	-.013	0	%100
34	MP-1	X	-.008	-.008	0	%100
35	MP-2	X	-.008	-.008	0	%100
36	MP-3	X	-.008	-.008	0	%100
37	MP-4	X	-.008	-.008	0	%100
38	MP-5	X	-.008	-.008	0	%100
39	MP-6	X	-.008	-.008	0	%100
40	MP-7	X	-.008	-.008	0	%100
41	MP-8	X	-.008	-.008	0	%100
42	MP-9	X	-.008	-.008	0	%100
43	MP-10	X	-.008	-.008	0	%100
44	MP-11	X	-.008	-.008	0	%100
45	MP-12	X	-.008	-.008	0	%100
46	MP-15	X	-.007	-.007	0	%100
47	MP-17	X	-.007	-.007	0	%100
48	MP-13	X	-.007	-.007	0	%100
49	INT-1A	X	-.012	-.012	0	%100
50	INT-1B	X	-.012	-.012	0	%100
51	INT-2A	X	-.01	-.01	0	%100
52	INT-2B	X	-.01	-.01	0	%100
53	INT-3A	X	-.003	-.003	0	%100
54	INT-3B	X	-.003	-.003	0	%100
55	SA1	X	-.005	-.005	0	%100
56	SA2	X	-.009	-.009	0	%100
57	SA3	X	-.017	-.017	0	%100
58	SR-1	X	-.006	-.006	0	%100
59	SR-2	X	-.002	-.002	0	%100
60	SR-3	X	-.008	-.008	0	%100
61	CB-1	X	-.000834	-.000834	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
62	CB-2	X	-.000834	-.000834	0	%100
63	CB-3	X	-.000834	-.000834	0	%100
64	VSK1	X	-.007	-.007	0	%100
65	VSK2	X	-.007	-.007	0	%100
66	VSK3	X	-.007	-.007	0	%100
67	VSK4	X	-.007	-.007	0	%100
68	VSK5	X	-.007	-.007	0	%100
69	VSK6	X	-.007	-.007	0	%100
70	MP-18	X	-.007	-.007	0	%100
71	MP-14	X	-.007	-.007	0	%100
72	MP-16	X	-.007	-.007	0	%100
73	RRU9	X	-.01	-.01	0	%100
74	RRU10	X	-.01	-.01	0	%100
75	RRU8	X	-.01	-.01	0	%100
76	RRU7	X	-.01	-.01	0	%100
77	RRU5	X	-.012	-.012	0	%100
78	RRU6	X	-.012	-.012	0	%100
79	RRU3	X	-.012	-.012	0	%100
80	RRU4	X	-.012	-.012	0	%100
81	RRU1	X	-.003	-.003	0	%100
82	RRU2	X	-.003	-.003	0	%100
83	RRU11	X	-.003	-.003	0	%100
84	RRU12	X	-.003	-.003	0	%100
85	AHCP-1	Z	-.008	-.008	0	%100
86	AHCP-2	Z	-.006	-.006	0	%100
87	AHCP-3	Z	-.002	-.002	0	%100
88	CP1-1	Z	-.013	-.013	0	%100
89	CP1-2	Z	-.018	-.018	0	%100
90	CP1-3	Z	-.005	-.005	0	%100
91	CP2-1	Z	-.005	-.005	0	%100
92	CP2-2	Z	-.013	-.013	0	%100
93	CP2-3	Z	-.018	-.018	0	%100
94	CP3-1	Z	-.018	-.018	0	%100
95	CP3-2	Z	-.005	-.005	0	%100
96	CP3-3	Z	-.013	-.013	0	%100
97	FF1-BH	Z	-.006	-.006	0	%100
98	FF2-BH	Z	-.002	-.002	0	%100
99	FF3-BH	Z	-.008	-.008	0	%100
100	GS-1	Z	-.005	-.005	0	%100
101	GS-2	Z	-.003	-.003	0	%100
102	GS-3	Z	-.002	-.002	0	%100
103	GS-4	Z	-.009	-.009	0	%100
104	GS-5	Z	-.009	-.009	0	%100
105	GS-6	Z	-.004	-.004	0	%100
106	INT1P1	Z	-.005	-.005	0	%100
107	INT1P2	Z	-.013	-.013	0	%100
108	INT1P3	Z	-.005	-.005	0	%100
109	INT1P4	Z	-.005	-.005	0	%100
110	INT2P1	Z	-.013	-.013	0	%100
111	INT2P2	Z	-.005	-.005	0	%100
112	INT2P3	Z	-.013	-.013	0	%100
113	INT2P4	Z	-.018	-.018	0	%100
114	INT3P1	Z	-.018	-.018	0	%100
115	INT3P2	Z	-.018	-.018	0	%100
116	INT3P3	Z	-.018	-.018	0	%100
117	INT3P4	Z	-.013	-.013	0	%100
118	MP-1	Z	-.008	-.008	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
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Checked By: CLT

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
119	MP-2	Z	-.008	-.008	0	%100
120	MP-3	Z	-.008	-.008	0	%100
121	MP-4	Z	-.008	-.008	0	%100
122	MP-5	Z	-.008	-.008	0	%100
123	MP-6	Z	-.008	-.008	0	%100
124	MP-7	Z	-.008	-.008	0	%100
125	MP-8	Z	-.008	-.008	0	%100
126	MP-9	Z	-.008	-.008	0	%100
127	MP-10	Z	-.008	-.008	0	%100
128	MP-11	Z	-.008	-.008	0	%100
129	MP-12	Z	-.008	-.008	0	%100
130	MP-15	Z	-.007	-.007	0	%100
131	MP-17	Z	-.007	-.007	0	%100
132	MP-13	Z	-.007	-.007	0	%100
133	INT-1A	Z	-.013	-.013	0	%100
134	INT-1B	Z	-.013	-.013	0	%100
135	INT-2A	Z	-.01	-.01	0	%100
136	INT-2B	Z	-.01	-.01	0	%100
137	INT-3A	Z	-.004	-.004	0	%100
138	INT-3B	Z	-.004	-.004	0	%100
139	SA1	Z	-.004	-.004	0	%100
140	SA2	Z	-.013	-.013	0	%100
141	SA3	Z	-.015	-.015	0	%100
142	SR-1	Z	-.006	-.006	0	%100
143	SR-2	Z	-.002	-.002	0	%100
144	SR-3	Z	-.008	-.008	0	%100
145	CB-1	Z	-.000834	-.000834	0	%100
146	CB-2	Z	-.000834	-.000834	0	%100
147	CB-3	Z	-.000834	-.000834	0	%100
148	VSK1	Z	-.007	-.007	0	%100
149	VSK2	Z	-.007	-.007	0	%100
150	VSK3	Z	-.007	-.007	0	%100
151	VSK4	Z	-.007	-.007	0	%100
152	VSK5	Z	-.007	-.007	0	%100
153	VSK6	Z	-.007	-.007	0	%100
154	MP-18	Z	-.007	-.007	0	%100
155	MP-14	Z	-.007	-.007	0	%100
156	MP-16	Z	-.007	-.007	0	%100
157	RRU9	Z	-.01	-.01	0	%100
158	RRU10	Z	-.01	-.01	0	%100
159	RRU8	Z	-.01	-.01	0	%100
160	RRU7	Z	-.01	-.01	0	%100
161	RRU5	Z	-.013	-.013	0	%100
162	RRU6	Z	-.013	-.013	0	%100
163	RRU3	Z	-.013	-.013	0	%100
164	RRU4	Z	-.013	-.013	0	%100
165	RRU1	Z	-.003	-.003	0	%100
166	RRU2	Z	-.003	-.003	0	%100
167	RRU11	Z	-.003	-.003	0	%100
168	RRU12	Z	-.003	-.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.005	-.005	0	%100
2	AHCP-2	X	-.003	-.003	0	%100
3	AHCP-3	X	-.003	-.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
4	CP1-1	X	-.006	-.006	0	%100
5	CP1-2	X	-.013	-.013	0	%100
6	CP1-3	X	-.006	-.006	0	%100
7	CP2-1	X	-.006	-.006	0	%100
8	CP2-2	X	-.006	-.006	0	%100
9	CP2-3	X	-.013	-.013	0	%100
10	CP3-1	X	-.013	-.013	0	%100
11	CP3-2	X	-.006	-.006	0	%100
12	CP3-3	X	-.006	-.006	0	%100
13	FF1-BH	X	-.003	-.003	0	%100
14	FF2-BH	X	-.003	-.003	0	%100
15	FF3-BH	X	-.006	-.006	0	%100
16	GS-1	X	-.004	-.004	0	%100
17	GS-2	X	-.003	-.003	0	%100
18	GS-3	X	-.003	-.003	0	%100
19	GS-4	X	-.006	-.006	0	%100
20	GS-5	X	-.005	-.005	0	%100
21	GS-6	X	-.003	-.003	0	%100
22	INT1P1	X	0	0	0	%100
23	INT1P2	X	-.006	-.006	0	%100
24	INT1P3	X	0	0	0	%100
25	INT1P4	X	-.006	-.006	0	%100
26	INT2P1	X	-.011	-.011	0	%100
27	INT2P2	X	-.006	-.006	0	%100
28	INT2P3	X	-.011	-.011	0	%100
29	INT2P4	X	-.013	-.013	0	%100
30	INT3P1	X	-.011	-.011	0	%100
31	INT3P2	X	-.013	-.013	0	%100
32	INT3P3	X	-.011	-.011	0	%100
33	INT3P4	X	-.006	-.006	0	%100
34	MP-1	X	-.006	-.006	0	%100
35	MP-2	X	-.006	-.006	0	%100
36	MP-3	X	-.006	-.006	0	%100
37	MP-4	X	-.006	-.006	0	%100
38	MP-5	X	-.006	-.006	0	%100
39	MP-6	X	-.006	-.006	0	%100
40	MP-7	X	-.006	-.006	0	%100
41	MP-8	X	-.006	-.006	0	%100
42	MP-9	X	-.006	-.006	0	%100
43	MP-10	X	-.006	-.006	0	%100
44	MP-11	X	-.006	-.006	0	%100
45	MP-12	X	-.006	-.006	0	%100
46	MP-15	X	-.005	-.005	0	%100
47	MP-17	X	-.005	-.005	0	%100
48	MP-13	X	-.005	-.005	0	%100
49	INT-1A	X	-.009	-.009	0	%100
50	INT-1B	X	-.009	-.009	0	%100
51	INT-2A	X	-.005	-.005	0	%100
52	INT-2B	X	-.005	-.005	0	%100
53	INT-3A	X	-.004	-.004	0	%100
54	INT-3B	X	-.004	-.004	0	%100
55	SA1	X	0	0	0	%100
56	SA2	X	-.007	-.007	0	%100
57	SA3	X	-.011	-.011	0	%100
58	SR-1	X	-.003	-.003	0	%100
59	SR-2	X	-.003	-.003	0	%100
60	SR-3	X	-.006	-.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
61	CB-1	X	-.00059	-.00059	0	%100
62	CB-2	X	-.00059	-.00059	0	%100
63	CB-3	X	-.00059	-.00059	0	%100
64	VSK1	X	-.005	-.005	0	%100
65	VSK2	X	-.005	-.005	0	%100
66	VSK3	X	-.005	-.005	0	%100
67	VSK4	X	-.005	-.005	0	%100
68	VSK5	X	-.005	-.005	0	%100
69	VSK6	X	-.005	-.005	0	%100
70	MP-18	X	-.005	-.005	0	%100
71	MP-14	X	-.005	-.005	0	%100
72	MP-16	X	-.005	-.005	0	%100
73	RRU9	X	-.005	-.005	0	%100
74	RRU10	X	-.005	-.005	0	%100
75	RRU8	X	-.005	-.005	0	%100
76	RRU7	X	-.005	-.005	0	%100
77	RRU5	X	-.009	-.009	0	%100
78	RRU6	X	-.009	-.009	0	%100
79	RRU3	X	-.009	-.009	0	%100
80	RRU4	X	-.009	-.009	0	%100
81	RRU1	X	-.004	-.004	0	%100
82	RRU2	X	-.004	-.004	0	%100
83	RRU11	X	-.004	-.004	0	%100
84	RRU12	X	-.004	-.004	0	%100
85	AHCP-1	Z	-.01	-.01	0	%100
86	AHCP-2	Z	-.005	-.005	0	%100
87	AHCP-3	Z	-.005	-.005	0	%100
88	CP1-1	Z	-.011	-.011	0	%100
89	CP1-2	Z	-.022	-.022	0	%100
90	CP1-3	Z	-.011	-.011	0	%100
91	CP2-1	Z	-.011	-.011	0	%100
92	CP2-2	Z	-.011	-.011	0	%100
93	CP2-3	Z	-.022	-.022	0	%100
94	CP3-1	Z	-.022	-.022	0	%100
95	CP3-2	Z	-.011	-.011	0	%100
96	CP3-3	Z	-.011	-.011	0	%100
97	FF1-BH	Z	-.005	-.005	0	%100
98	FF2-BH	Z	-.005	-.005	0	%100
99	FF3-BH	Z	-.01	-.01	0	%100
100	GS-1	Z	-.004	-.004	0	%100
101	GS-2	Z	-.007	-.007	0	%100
102	GS-3	Z	-.005	-.005	0	%100
103	GS-4	Z	-.011	-.011	0	%100
104	GS-5	Z	-.012	-.012	0	%100
105	GS-6	Z	-.003	-.003	0	%100
106	INT1P1	Z	0	0	0	%100
107	INT1P2	Z	-.011	-.011	0	%100
108	INT1P3	Z	0	0	0	%100
109	INT1P4	Z	-.011	-.011	0	%100
110	INT2P1	Z	-.019	-.019	0	%100
111	INT2P2	Z	-.011	-.011	0	%100
112	INT2P3	Z	-.019	-.019	0	%100
113	INT2P4	Z	-.022	-.022	0	%100
114	INT3P1	Z	-.019	-.019	0	%100
115	INT3P2	Z	-.022	-.022	0	%100
116	INT3P3	Z	-.019	-.019	0	%100
117	INT3P4	Z	-.011	-.011	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
118	MP-1	Z	-.01	-.01	0	%100
119	MP-2	Z	-.01	-.01	0	%100
120	MP-3	Z	-.01	-.01	0	%100
121	MP-4	Z	-.01	-.01	0	%100
122	MP-5	Z	-.01	-.01	0	%100
123	MP-6	Z	-.01	-.01	0	%100
124	MP-7	Z	-.01	-.01	0	%100
125	MP-8	Z	-.01	-.01	0	%100
126	MP-9	Z	-.01	-.01	0	%100
127	MP-10	Z	-.01	-.01	0	%100
128	MP-11	Z	-.01	-.01	0	%100
129	MP-12	Z	-.01	-.01	0	%100
130	MP-15	Z	-.009	-.009	0	%100
131	MP-17	Z	-.009	-.009	0	%100
132	MP-13	Z	-.009	-.009	0	%100
133	INT-1A	Z	-.017	-.017	0	%100
134	INT-1B	Z	-.017	-.017	0	%100
135	INT-2A	Z	-.009	-.009	0	%100
136	INT-2B	Z	-.009	-.009	0	%100
137	INT-3A	Z	-.009	-.009	0	%100
138	INT-3B	Z	-.009	-.009	0	%100
139	SA1	Z	0	0	0	%100
140	SA2	Z	-.019	-.019	0	%100
141	SA3	Z	-.016	-.016	0	%100
142	SR-1	Z	-.005	-.005	0	%100
143	SR-2	Z	-.005	-.005	0	%100
144	SR-3	Z	-.01	-.01	0	%100
145	CB-1	Z	-.001	-.001	0	%100
146	CB-2	Z	-.001	-.001	0	%100
147	CB-3	Z	-.001	-.001	0	%100
148	VSK1	Z	-.009	-.009	0	%100
149	VSK2	Z	-.009	-.009	0	%100
150	VSK3	Z	-.009	-.009	0	%100
151	VSK4	Z	-.009	-.009	0	%100
152	VSK5	Z	-.009	-.009	0	%100
153	VSK6	Z	-.009	-.009	0	%100
154	MP-18	Z	-.009	-.009	0	%100
155	MP-14	Z	-.009	-.009	0	%100
156	MP-16	Z	-.009	-.009	0	%100
157	RRU9	Z	-.008	-.008	0	%100
158	RRU10	Z	-.008	-.008	0	%100
159	RRU8	Z	-.008	-.008	0	%100
160	RRU7	Z	-.008	-.008	0	%100
161	RRU5	Z	-.016	-.016	0	%100
162	RRU6	Z	-.016	-.016	0	%100
163	RRU3	Z	-.016	-.016	0	%100
164	RRU4	Z	-.016	-.016	0	%100
165	RRU1	Z	-.008	-.008	0	%100
166	RRU2	Z	-.008	-.008	0	%100
167	RRU11	Z	-.008	-.008	0	%100
168	RRU12	Z	-.008	-.008	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	Z	-.01	-.01	0	%100
2	AHCP-2	Z	0	0	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
3	AHCP-3	Z	-.01	-.01	0	%100
4	CP1-1	Z	0	0	0	%100
5	CP1-2	Z	-.022	-.022	0	%100
6	CP1-3	Z	-.022	-.022	0	%100
7	CP2-1	Z	-.022	-.022	0	%100
8	CP2-2	Z	0	0	0	%100
9	CP2-3	Z	-.022	-.022	0	%100
10	CP3-1	Z	-.022	-.022	0	%100
11	CP3-2	Z	-.022	-.022	0	%100
12	CP3-3	Z	0	0	0	%100
13	FF1-BH	Z	0	0	0	%100
14	FF2-BH	Z	-.01	-.01	0	%100
15	FF3-BH	Z	-.01	-.01	0	%100
16	GS-1	Z	-.000618	-.000618	0	%100
17	GS-2	Z	-.012	-.012	0	%100
18	GS-3	Z	-.011	-.011	0	%100
19	GS-4	Z	-.011	-.011	0	%100
20	GS-5	Z	-.012	-.012	0	%100
21	GS-6	Z	-.000618	-.000618	0	%100
22	INT1P1	Z	-.013	-.013	0	%100
23	INT1P2	Z	0	0	0	%100
24	INT1P3	Z	-.013	-.013	0	%100
25	INT1P4	Z	-.022	-.022	0	%100
26	INT2P1	Z	-.026	-.026	0	%100
27	INT2P2	Z	-.022	-.022	0	%100
28	INT2P3	Z	-.026	-.026	0	%100
29	INT2P4	Z	-.022	-.022	0	%100
30	INT3P1	Z	-.013	-.013	0	%100
31	INT3P2	Z	-.022	-.022	0	%100
32	INT3P3	Z	-.013	-.013	0	%100
33	INT3P4	Z	0	0	0	%100
34	MP-1	Z	-.012	-.012	0	%100
35	MP-2	Z	-.012	-.012	0	%100
36	MP-3	Z	-.012	-.012	0	%100
37	MP-4	Z	-.012	-.012	0	%100
38	MP-5	Z	-.012	-.012	0	%100
39	MP-6	Z	-.012	-.012	0	%100
40	MP-7	Z	-.012	-.012	0	%100
41	MP-8	Z	-.012	-.012	0	%100
42	MP-9	Z	-.012	-.012	0	%100
43	MP-10	Z	-.012	-.012	0	%100
44	MP-11	Z	-.012	-.012	0	%100
45	MP-12	Z	-.012	-.012	0	%100
46	MP-15	Z	-.01	-.01	0	%100
47	MP-17	Z	-.01	-.01	0	%100
48	MP-13	Z	-.01	-.01	0	%100
49	INT-1A	Z	-.017	-.017	0	%100
50	INT-1B	Z	-.017	-.017	0	%100
51	INT-2A	Z	0	0	0	%100
52	INT-2B	Z	0	0	0	%100
53	INT-3A	Z	-.017	-.017	0	%100
54	INT-3B	Z	-.017	-.017	0	%100
55	SA1	Z	-.011	-.011	0	%100
56	SA2	Z	-.026	-.026	0	%100
57	SA3	Z	-.011	-.011	0	%100
58	SR-1	Z	0	0	0	%100
59	SR-2	Z	-.01	-.01	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
60	SR-3	Z	-.01	-.01	0	%100
61	CB-1	Z	-.001	-.001	0	%100
62	CB-2	Z	-.001	-.001	0	%100
63	CB-3	Z	-.001	-.001	0	%100
64	VSK1	Z	-.011	-.011	0	%100
65	VSK2	Z	-.011	-.011	0	%100
66	VSK3	Z	-.011	-.011	0	%100
67	VSK4	Z	-.011	-.011	0	%100
68	VSK5	Z	-.011	-.011	0	%100
69	VSK6	Z	-.011	-.011	0	%100
70	MP-18	Z	-.01	-.01	0	%100
71	MP-14	Z	-.01	-.01	0	%100
72	MP-16	Z	-.01	-.01	0	%100
73	RRU9	Z	0	0	0	%100
74	RRU10	Z	0	0	0	%100
75	RRU8	Z	0	0	0	%100
76	RRU7	Z	0	0	0	%100
77	RRU5	Z	-.016	-.016	0	%100
78	RRU6	Z	-.016	-.016	0	%100
79	RRU3	Z	-.016	-.016	0	%100
80	RRU4	Z	-.016	-.016	0	%100
81	RRU1	Z	-.016	-.016	0	%100
82	RRU2	Z	-.016	-.016	0	%100
83	RRU11	Z	-.016	-.016	0	%100
84	RRU12	Z	-.016	-.016	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.003	.003	0	%100
2	AHCP-2	X	.003	.003	0	%100
3	AHCP-3	X	.005	.005	0	%100
4	CP1-1	X	.006	.006	0	%100
5	CP1-2	X	.006	.006	0	%100
6	CP1-3	X	.013	.013	0	%100
7	CP2-1	X	.013	.013	0	%100
8	CP2-2	X	.006	.006	0	%100
9	CP2-3	X	.006	.006	0	%100
10	CP3-1	X	.006	.006	0	%100
11	CP3-2	X	.013	.013	0	%100
12	CP3-3	X	.006	.006	0	%100
13	FF1-BH	X	.003	.003	0	%100
14	FF2-BH	X	.006	.006	0	%100
15	FF3-BH	X	.003	.003	0	%100
16	GS-1	X	.003	.003	0	%100
17	GS-2	X	.005	.005	0	%100
18	GS-3	X	.006	.006	0	%100
19	GS-4	X	.003	.003	0	%100
20	GS-5	X	.003	.003	0	%100
21	GS-6	X	.004	.004	0	%100
22	INT1P1	X	.011	.011	0	%100
23	INT1P2	X	.006	.006	0	%100
24	INT1P3	X	.011	.011	0	%100
25	INT1P4	X	.013	.013	0	%100
26	INT2P1	X	.011	.011	0	%100
27	INT2P2	X	.013	.013	0	%100
28	INT2P3	X	.011	.011	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
29	INT2P4	X	.006	.006	0	%100
30	INT3P1	X	0	0	0	%100
31	INT3P2	X	.006	.006	0	%100
32	INT3P3	X	0	0	0	%100
33	INT3P4	X	.006	.006	0	%100
34	MP-1	X	.006	.006	0	%100
35	MP-2	X	.006	.006	0	%100
36	MP-3	X	.006	.006	0	%100
37	MP-4	X	.006	.006	0	%100
38	MP-5	X	.006	.006	0	%100
39	MP-6	X	.006	.006	0	%100
40	MP-7	X	.006	.006	0	%100
41	MP-8	X	.006	.006	0	%100
42	MP-9	X	.006	.006	0	%100
43	MP-10	X	.006	.006	0	%100
44	MP-11	X	.006	.006	0	%100
45	MP-12	X	.006	.006	0	%100
46	MP-15	X	.005	.005	0	%100
47	MP-17	X	.005	.005	0	%100
48	MP-13	X	.005	.005	0	%100
49	INT-1A	X	.004	.004	0	%100
50	INT-1B	X	.004	.004	0	%100
51	INT-2A	X	.005	.005	0	%100
52	INT-2B	X	.005	.005	0	%100
53	INT-3A	X	.009	.009	0	%100
54	INT-3B	X	.009	.009	0	%100
55	SA1	X	.011	.011	0	%100
56	SA2	X	.007	.007	0	%100
57	SA3	X	0	0	0	%100
58	SR-1	X	.003	.003	0	%100
59	SR-2	X	.006	.006	0	%100
60	SR-3	X	.003	.003	0	%100
61	CB-1	X	.00059	.00059	0	%100
62	CB-2	X	.00059	.00059	0	%100
63	CB-3	X	.00059	.00059	0	%100
64	VSK1	X	.005	.005	0	%100
65	VSK2	X	.005	.005	0	%100
66	VSK3	X	.005	.005	0	%100
67	VSK4	X	.005	.005	0	%100
68	VSK5	X	.005	.005	0	%100
69	VSK6	X	.005	.005	0	%100
70	MP-18	X	.005	.005	0	%100
71	MP-14	X	.005	.005	0	%100
72	MP-16	X	.005	.005	0	%100
73	RRU9	X	.005	.005	0	%100
74	RRU10	X	.005	.005	0	%100
75	RRU8	X	.005	.005	0	%100
76	RRU7	X	.005	.005	0	%100
77	RRU5	X	.004	.004	0	%100
78	RRU6	X	.004	.004	0	%100
79	RRU3	X	.004	.004	0	%100
80	RRU4	X	.004	.004	0	%100
81	RRU1	X	.009	.009	0	%100
82	RRU2	X	.009	.009	0	%100
83	RRU11	X	.009	.009	0	%100
84	RRU12	X	.009	.009	0	%100
85	AHCP-1	Z	-.005	-.005	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
86	AHCP-2	Z	-.005	-.005	0	%100
87	AHCP-3	Z	-.01	-.01	0	%100
88	CP1-1	Z	-.011	-.011	0	%100
89	CP1-2	Z	-.011	-.011	0	%100
90	CP1-3	Z	-.022	-.022	0	%100
91	CP2-1	Z	-.022	-.022	0	%100
92	CP2-2	Z	-.011	-.011	0	%100
93	CP2-3	Z	-.011	-.011	0	%100
94	CP3-1	Z	-.011	-.011	0	%100
95	CP3-2	Z	-.022	-.022	0	%100
96	CP3-3	Z	-.011	-.011	0	%100
97	FF1-BH	Z	-.005	-.005	0	%100
98	FF2-BH	Z	-.01	-.01	0	%100
99	FF3-BH	Z	-.005	-.005	0	%100
100	GS-1	Z	-.003	-.003	0	%100
101	GS-2	Z	-.012	-.012	0	%100
102	GS-3	Z	-.011	-.011	0	%100
103	GS-4	Z	-.005	-.005	0	%100
104	GS-5	Z	-.007	-.007	0	%100
105	GS-6	Z	-.004	-.004	0	%100
106	INT1P1	Z	-.019	-.019	0	%100
107	INT1P2	Z	-.011	-.011	0	%100
108	INT1P3	Z	-.019	-.019	0	%100
109	INT1P4	Z	-.022	-.022	0	%100
110	INT2P1	Z	-.019	-.019	0	%100
111	INT2P2	Z	-.022	-.022	0	%100
112	INT2P3	Z	-.019	-.019	0	%100
113	INT2P4	Z	-.011	-.011	0	%100
114	INT3P1	Z	0	0	0	%100
115	INT3P2	Z	-.011	-.011	0	%100
116	INT3P3	Z	0	0	0	%100
117	INT3P4	Z	-.011	-.011	0	%100
118	MP-1	Z	-.01	-.01	0	%100
119	MP-2	Z	-.01	-.01	0	%100
120	MP-3	Z	-.01	-.01	0	%100
121	MP-4	Z	-.01	-.01	0	%100
122	MP-5	Z	-.01	-.01	0	%100
123	MP-6	Z	-.01	-.01	0	%100
124	MP-7	Z	-.01	-.01	0	%100
125	MP-8	Z	-.01	-.01	0	%100
126	MP-9	Z	-.01	-.01	0	%100
127	MP-10	Z	-.01	-.01	0	%100
128	MP-11	Z	-.01	-.01	0	%100
129	MP-12	Z	-.01	-.01	0	%100
130	MP-15	Z	-.009	-.009	0	%100
131	MP-17	Z	-.009	-.009	0	%100
132	MP-13	Z	-.009	-.009	0	%100
133	INT-1A	Z	-.009	-.009	0	%100
134	INT-1B	Z	-.009	-.009	0	%100
135	INT-2A	Z	-.009	-.009	0	%100
136	INT-2B	Z	-.009	-.009	0	%100
137	INT-3A	Z	-.017	-.017	0	%100
138	INT-3B	Z	-.017	-.017	0	%100
139	SA1	Z	-.016	-.016	0	%100
140	SA2	Z	-.019	-.019	0	%100
141	SA3	Z	0	0	0	%100
142	SR-1	Z	-.005	-.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
143	SR-2	Z	-.01	-.01	0	%100
144	SR-3	Z	-.005	-.005	0	%100
145	CB-1	Z	-.001	-.001	0	%100
146	CB-2	Z	-.001	-.001	0	%100
147	CB-3	Z	-.001	-.001	0	%100
148	VSK1	Z	-.009	-.009	0	%100
149	VSK2	Z	-.009	-.009	0	%100
150	VSK3	Z	-.009	-.009	0	%100
151	VSK4	Z	-.009	-.009	0	%100
152	VSK5	Z	-.009	-.009	0	%100
153	VSK6	Z	-.009	-.009	0	%100
154	MP-18	Z	-.009	-.009	0	%100
155	MP-14	Z	-.009	-.009	0	%100
156	MP-16	Z	-.009	-.009	0	%100
157	RRU9	Z	-.008	-.008	0	%100
158	RRU10	Z	-.008	-.008	0	%100
159	RRU8	Z	-.008	-.008	0	%100
160	RRU7	Z	-.008	-.008	0	%100
161	RRU5	Z	-.008	-.008	0	%100
162	RRU6	Z	-.008	-.008	0	%100
163	RRU3	Z	-.008	-.008	0	%100
164	RRU4	Z	-.008	-.008	0	%100
165	RRU1	Z	-.016	-.016	0	%100
166	RRU2	Z	-.016	-.016	0	%100
167	RRU11	Z	-.016	-.016	0	%100
168	RRU12	Z	-.016	-.016	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.002	.002	0	%100
2	AHCP-2	X	.006	.006	0	%100
3	AHCP-3	X	.007	.007	0	%100
4	CP1-1	X	.013	.013	0	%100
5	CP1-2	X	.005	.005	0	%100
6	CP1-3	X	.018	.018	0	%100
7	CP2-1	X	.018	.018	0	%100
8	CP2-2	X	.013	.013	0	%100
9	CP2-3	X	.005	.005	0	%100
10	CP3-1	X	.005	.005	0	%100
11	CP3-2	X	.018	.018	0	%100
12	CP3-3	X	.013	.013	0	%100
13	FF1-BH	X	.006	.006	0	%100
14	FF2-BH	X	.008	.008	0	%100
15	FF3-BH	X	.002	.002	0	%100
16	GS-1	X	.007	.007	0	%100
17	GS-2	X	.007	.007	0	%100
18	GS-3	X	.008	.008	0	%100
19	GS-4	X	.002	.002	0	%100
20	GS-5	X	.003	.003	0	%100
21	GS-6	X	.008	.008	0	%100
22	INT1P1	X	.018	.018	0	%100
23	INT1P2	X	.013	.013	0	%100
24	INT1P3	X	.018	.018	0	%100
25	INT1P4	X	.018	.018	0	%100
26	INT2P1	X	.013	.013	0	%100
27	INT2P2	X	.018	.018	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
28	INT2P3	X	.013	.013	0	%100
29	INT2P4	X	.005	.005	0	%100
30	INT3P1	X	.005	.005	0	%100
31	INT3P2	X	.005	.005	0	%100
32	INT3P3	X	.005	.005	0	%100
33	INT3P4	X	.013	.013	0	%100
34	MP-1	X	.008	.008	0	%100
35	MP-2	X	.008	.008	0	%100
36	MP-3	X	.008	.008	0	%100
37	MP-4	X	.008	.008	0	%100
38	MP-5	X	.008	.008	0	%100
39	MP-6	X	.008	.008	0	%100
40	MP-7	X	.008	.008	0	%100
41	MP-8	X	.008	.008	0	%100
42	MP-9	X	.008	.008	0	%100
43	MP-10	X	.008	.008	0	%100
44	MP-11	X	.008	.008	0	%100
45	MP-12	X	.008	.008	0	%100
46	MP-15	X	.007	.007	0	%100
47	MP-17	X	.007	.007	0	%100
48	MP-13	X	.007	.007	0	%100
49	INT-1A	X	.003	.003	0	%100
50	INT-1B	X	.003	.003	0	%100
51	INT-2A	X	.01	.01	0	%100
52	INT-2B	X	.01	.01	0	%100
53	INT-3A	X	.012	.012	0	%100
54	INT-3B	X	.012	.012	0	%100
55	SA1	X	.017	.017	0	%100
56	SA2	X	.009	.009	0	%100
57	SA3	X	.005	.005	0	%100
58	SR-1	X	.006	.006	0	%100
59	SR-2	X	.008	.008	0	%100
60	SR-3	X	.002	.002	0	%100
61	CB-1	X	.000834	.000834	0	%100
62	CB-2	X	.000834	.000834	0	%100
63	CB-3	X	.000834	.000834	0	%100
64	VSK1	X	.007	.007	0	%100
65	VSK2	X	.007	.007	0	%100
66	VSK3	X	.007	.007	0	%100
67	VSK4	X	.007	.007	0	%100
68	VSK5	X	.007	.007	0	%100
69	VSK6	X	.007	.007	0	%100
70	MP-18	X	.007	.007	0	%100
71	MP-14	X	.007	.007	0	%100
72	MP-16	X	.007	.007	0	%100
73	RRU9	X	.01	.01	0	%100
74	RRU10	X	.01	.01	0	%100
75	RRU8	X	.01	.01	0	%100
76	RRU7	X	.01	.01	0	%100
77	RRU5	X	.003	.003	0	%100
78	RRU6	X	.003	.003	0	%100
79	RRU3	X	.003	.003	0	%100
80	RRU4	X	.003	.003	0	%100
81	RRU1	X	.012	.012	0	%100
82	RRU2	X	.012	.012	0	%100
83	RRU11	X	.012	.012	0	%100
84	RRU12	X	.012	.012	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
85	AHCP-1	Z	-.002	-.002	0	%100
86	AHCP-2	Z	-.006	-.006	0	%100
87	AHCP-3	Z	-.008	-.008	0	%100
88	CP1-1	Z	-.013	-.013	0	%100
89	CP1-2	Z	-.005	-.005	0	%100
90	CP1-3	Z	-.018	-.018	0	%100
91	CP2-1	Z	-.018	-.018	0	%100
92	CP2-2	Z	-.013	-.013	0	%100
93	CP2-3	Z	-.005	-.005	0	%100
94	CP3-1	Z	-.005	-.005	0	%100
95	CP3-2	Z	-.018	-.018	0	%100
96	CP3-3	Z	-.013	-.013	0	%100
97	FF1-BH	Z	-.006	-.006	0	%100
98	FF2-BH	Z	-.008	-.008	0	%100
99	FF3-BH	Z	-.002	-.002	0	%100
100	GS-1	Z	-.004	-.004	0	%100
101	GS-2	Z	-.009	-.009	0	%100
102	GS-3	Z	-.009	-.009	0	%100
103	GS-4	Z	-.002	-.002	0	%100
104	GS-5	Z	-.003	-.003	0	%100
105	GS-6	Z	-.005	-.005	0	%100
106	INT1P1	Z	-.018	-.018	0	%100
107	INT1P2	Z	-.013	-.013	0	%100
108	INT1P3	Z	-.018	-.018	0	%100
109	INT1P4	Z	-.018	-.018	0	%100
110	INT2P1	Z	-.013	-.013	0	%100
111	INT2P2	Z	-.018	-.018	0	%100
112	INT2P3	Z	-.013	-.013	0	%100
113	INT2P4	Z	-.005	-.005	0	%100
114	INT3P1	Z	-.005	-.005	0	%100
115	INT3P2	Z	-.005	-.005	0	%100
116	INT3P3	Z	-.005	-.005	0	%100
117	INT3P4	Z	-.013	-.013	0	%100
118	MP-1	Z	-.008	-.008	0	%100
119	MP-2	Z	-.008	-.008	0	%100
120	MP-3	Z	-.008	-.008	0	%100
121	MP-4	Z	-.008	-.008	0	%100
122	MP-5	Z	-.008	-.008	0	%100
123	MP-6	Z	-.008	-.008	0	%100
124	MP-7	Z	-.008	-.008	0	%100
125	MP-8	Z	-.008	-.008	0	%100
126	MP-9	Z	-.008	-.008	0	%100
127	MP-10	Z	-.008	-.008	0	%100
128	MP-11	Z	-.008	-.008	0	%100
129	MP-12	Z	-.008	-.008	0	%100
130	MP-15	Z	-.007	-.007	0	%100
131	MP-17	Z	-.007	-.007	0	%100
132	MP-13	Z	-.007	-.007	0	%100
133	INT-1A	Z	-.004	-.004	0	%100
134	INT-1B	Z	-.004	-.004	0	%100
135	INT-2A	Z	-.01	-.01	0	%100
136	INT-2B	Z	-.01	-.01	0	%100
137	INT-3A	Z	-.013	-.013	0	%100
138	INT-3B	Z	-.013	-.013	0	%100
139	SA1	Z	-.015	-.015	0	%100
140	SA2	Z	-.013	-.013	0	%100
141	SA3	Z	-.004	-.004	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
142	SR-1	Z	-.006	-.006	0	%100
143	SR-2	Z	-.008	-.008	0	%100
144	SR-3	Z	-.002	-.002	0	%100
145	CB-1	Z	-.000834	-.000834	0	%100
146	CB-2	Z	-.000834	-.000834	0	%100
147	CB-3	Z	-.000834	-.000834	0	%100
148	VSK1	Z	-.007	-.007	0	%100
149	VSK2	Z	-.007	-.007	0	%100
150	VSK3	Z	-.007	-.007	0	%100
151	VSK4	Z	-.007	-.007	0	%100
152	VSK5	Z	-.007	-.007	0	%100
153	VSK6	Z	-.007	-.007	0	%100
154	MP-18	Z	-.007	-.007	0	%100
155	MP-14	Z	-.007	-.007	0	%100
156	MP-16	Z	-.007	-.007	0	%100
157	RRU9	Z	-.01	-.01	0	%100
158	RRU10	Z	-.01	-.01	0	%100
159	RRU8	Z	-.01	-.01	0	%100
160	RRU7	Z	-.01	-.01	0	%100
161	RRU5	Z	-.003	-.003	0	%100
162	RRU6	Z	-.003	-.003	0	%100
163	RRU3	Z	-.003	-.003	0	%100
164	RRU4	Z	-.003	-.003	0	%100
165	RRU1	Z	-.013	-.013	0	%100
166	RRU2	Z	-.013	-.013	0	%100
167	RRU11	Z	-.013	-.013	0	%100
168	RRU12	Z	-.013	-.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	0	0	0	%100
2	AHCP-2	X	.009	.009	0	%100
3	AHCP-3	X	.008	.008	0	%100
4	CP1-1	X	.019	.019	0	%100
5	CP1-2	X	0	0	0	%100
6	CP1-3	X	.019	.019	0	%100
7	CP2-1	X	.019	.019	0	%100
8	CP2-2	X	.019	.019	0	%100
9	CP2-3	X	0	0	0	%100
10	CP3-1	X	0	0	0	%100
11	CP3-2	X	.019	.019	0	%100
12	CP3-3	X	.019	.019	0	%100
13	FF1-BH	X	.009	.009	0	%100
14	FF2-BH	X	.009	.009	0	%100
15	FF3-BH	X	0	0	0	%100
16	GS-1	X	.01	.01	0	%100
17	GS-2	X	.008	.008	0	%100
18	GS-3	X	.009	.009	0	%100
19	GS-4	X	.000727	.000727	0	%100
20	GS-5	X	.000681	.000681	0	%100
21	GS-6	X	.011	.011	0	%100
22	INT1P1	X	.022	.022	0	%100
23	INT1P2	X	.019	.019	0	%100
24	INT1P3	X	.022	.022	0	%100
25	INT1P4	X	.019	.019	0	%100
26	INT2P1	X	.011	.011	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
27	INT2P2	X	.019	.019	0	%100
28	INT2P3	X	.011	.011	0	%100
29	INT2P4	X	0	0	0	%100
30	INT3P1	X	.011	.011	0	%100
31	INT3P2	X	0	0	0	%100
32	INT3P3	X	.011	.011	0	%100
33	INT3P4	X	.019	.019	0	%100
34	MP-1	X	.01	.01	0	%100
35	MP-2	X	.01	.01	0	%100
36	MP-3	X	.01	.01	0	%100
37	MP-4	X	.01	.01	0	%100
38	MP-5	X	.01	.01	0	%100
39	MP-6	X	.01	.01	0	%100
40	MP-7	X	.01	.01	0	%100
41	MP-8	X	.01	.01	0	%100
42	MP-9	X	.01	.01	0	%100
43	MP-10	X	.01	.01	0	%100
44	MP-11	X	.01	.01	0	%100
45	MP-12	X	.01	.01	0	%100
46	MP-15	X	.009	.009	0	%100
47	MP-17	X	.009	.009	0	%100
48	MP-13	X	.009	.009	0	%100
49	INT-1A	X	0	0	0	%100
50	INT-1B	X	0	0	0	%100
51	INT-2A	X	.015	.015	0	%100
52	INT-2B	X	.015	.015	0	%100
53	INT-3A	X	.013	.013	0	%100
54	INT-3B	X	.013	.013	0	%100
55	SA1	X	.021	.021	0	%100
56	SA2	X	.007	.007	0	%100
57	SA3	X	.011	.011	0	%100
58	SR-1	X	.009	.009	0	%100
59	SR-2	X	.009	.009	0	%100
60	SR-3	X	0	0	0	%100
61	CB-1	X	.001	.001	0	%100
62	CB-2	X	.001	.001	0	%100
63	CB-3	X	.001	.001	0	%100
64	VSK1	X	.009	.009	0	%100
65	VSK2	X	.009	.009	0	%100
66	VSK3	X	.009	.009	0	%100
67	VSK4	X	.009	.009	0	%100
68	VSK5	X	.009	.009	0	%100
69	VSK6	X	.009	.009	0	%100
70	MP-18	X	.009	.009	0	%100
71	MP-14	X	.009	.009	0	%100
72	MP-16	X	.009	.009	0	%100
73	RRU9	X	.014	.014	0	%100
74	RRU10	X	.014	.014	0	%100
75	RRU8	X	.014	.014	0	%100
76	RRU7	X	.014	.014	0	%100
77	RRU5	X	0	0	0	%100
78	RRU6	X	0	0	0	%100
79	RRU3	X	0	0	0	%100
80	RRU4	X	0	0	0	%100
81	RRU1	X	.013	.013	0	%100
82	RRU2	X	.013	.013	0	%100
83	RRU11	X	.013	.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
84	RRU12	X	.013	.013	0	%100
85	AHCP-1	Z	0	0	0	%100
86	AHCP-2	Z	-.005	-.005	0	%100
87	AHCP-3	Z	-.005	-.005	0	%100
88	CP1-1	Z	-.011	-.011	0	%100
89	CP1-2	Z	0	0	0	%100
90	CP1-3	Z	-.011	-.011	0	%100
91	CP2-1	Z	-.011	-.011	0	%100
92	CP2-2	Z	-.011	-.011	0	%100
93	CP2-3	Z	0	0	0	%100
94	CP3-1	Z	0	0	0	%100
95	CP3-2	Z	-.011	-.011	0	%100
96	CP3-3	Z	-.011	-.011	0	%100
97	FF1-BH	Z	-.005	-.005	0	%100
98	FF2-BH	Z	-.005	-.005	0	%100
99	FF3-BH	Z	0	0	0	%100
100	GS-1	Z	-.004	-.004	0	%100
101	GS-2	Z	-.006	-.006	0	%100
102	GS-3	Z	-.006	-.006	0	%100
103	GS-4	Z	-.000476	-.000476	0	%100
104	GS-5	Z	-.000491	-.000491	0	%100
105	GS-6	Z	-.004	-.004	0	%100
106	INT1P1	Z	-.013	-.013	0	%100
107	INT1P2	Z	-.011	-.011	0	%100
108	INT1P3	Z	-.013	-.013	0	%100
109	INT1P4	Z	-.011	-.011	0	%100
110	INT2P1	Z	-.006	-.006	0	%100
111	INT2P2	Z	-.011	-.011	0	%100
112	INT2P3	Z	-.006	-.006	0	%100
113	INT2P4	Z	0	0	0	%100
114	INT3P1	Z	-.006	-.006	0	%100
115	INT3P2	Z	0	0	0	%100
116	INT3P3	Z	-.006	-.006	0	%100
117	INT3P4	Z	-.011	-.011	0	%100
118	MP-1	Z	-.006	-.006	0	%100
119	MP-2	Z	-.006	-.006	0	%100
120	MP-3	Z	-.006	-.006	0	%100
121	MP-4	Z	-.006	-.006	0	%100
122	MP-5	Z	-.006	-.006	0	%100
123	MP-6	Z	-.006	-.006	0	%100
124	MP-7	Z	-.006	-.006	0	%100
125	MP-8	Z	-.006	-.006	0	%100
126	MP-9	Z	-.006	-.006	0	%100
127	MP-10	Z	-.006	-.006	0	%100
128	MP-11	Z	-.006	-.006	0	%100
129	MP-12	Z	-.006	-.006	0	%100
130	MP-15	Z	-.005	-.005	0	%100
131	MP-17	Z	-.005	-.005	0	%100
132	MP-13	Z	-.005	-.005	0	%100
133	INT-1A	Z	0	0	0	%100
134	INT-1B	Z	0	0	0	%100
135	INT-2A	Z	-.009	-.009	0	%100
136	INT-2B	Z	-.009	-.009	0	%100
137	INT-3A	Z	-.009	-.009	0	%100
138	INT-3B	Z	-.009	-.009	0	%100
139	SA1	Z	-.011	-.011	0	%100
140	SA2	Z	-.006	-.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
141	SA3	Z	-.005	-.005	0	%100
142	SR-1	Z	-.005	-.005	0	%100
143	SR-2	Z	-.005	-.005	0	%100
144	SR-3	Z	0	0	0	%100
145	CB-1	Z	-.00059	-.00059	0	%100
146	CB-2	Z	-.00059	-.00059	0	%100
147	CB-3	Z	-.00059	-.00059	0	%100
148	VSK1	Z	-.005	-.005	0	%100
149	VSK2	Z	-.005	-.005	0	%100
150	VSK3	Z	-.005	-.005	0	%100
151	VSK4	Z	-.005	-.005	0	%100
152	VSK5	Z	-.005	-.005	0	%100
153	VSK6	Z	-.005	-.005	0	%100
154	MP-18	Z	-.005	-.005	0	%100
155	MP-14	Z	-.005	-.005	0	%100
156	MP-16	Z	-.005	-.005	0	%100
157	RRU9	Z	-.008	-.008	0	%100
158	RRU10	Z	-.008	-.008	0	%100
159	RRU8	Z	-.008	-.008	0	%100
160	RRU7	Z	-.008	-.008	0	%100
161	RRU5	Z	0	0	0	%100
162	RRU6	Z	0	0	0	%100
163	RRU3	Z	0	0	0	%100
164	RRU4	Z	0	0	0	%100
165	RRU1	Z	-.008	-.008	0	%100
166	RRU2	Z	-.008	-.008	0	%100
167	RRU11	Z	-.008	-.008	0	%100
168	RRU12	Z	-.008	-.008	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.005	.005	0	%100
2	AHCP-2	X	.012	.012	0	%100
3	AHCP-3	X	.005	.005	0	%100
4	CP1-1	X	.026	.026	0	%100
5	CP1-2	X	.013	.013	0	%100
6	CP1-3	X	.013	.013	0	%100
7	CP2-1	X	.013	.013	0	%100
8	CP2-2	X	.026	.026	0	%100
9	CP2-3	X	.013	.013	0	%100
10	CP3-1	X	.013	.013	0	%100
11	CP3-2	X	.013	.013	0	%100
12	CP3-3	X	.026	.026	0	%100
13	FF1-BH	X	.012	.012	0	%100
14	FF2-BH	X	.006	.006	0	%100
15	FF3-BH	X	.006	.006	0	%100
16	GS-1	X	.014	.014	0	%100
17	GS-2	X	.005	.005	0	%100
18	GS-3	X	.007	.007	0	%100
19	GS-4	X	.007	.007	0	%100
20	GS-5	X	.005	.005	0	%100
21	GS-6	X	.014	.014	0	%100
22	INT1P1	X	.022	.022	0	%100
23	INT1P2	X	.026	.026	0	%100
24	INT1P3	X	.022	.022	0	%100
25	INT1P4	X	.013	.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
26	INT2P1	X	0	0	0	%100
27	INT2P2	X	.013	.013	0	%100
28	INT2P3	X	0	0	0	%100
29	INT2P4	X	.013	.013	0	%100
30	INT3P1	X	.022	.022	0	%100
31	INT3P2	X	.013	.013	0	%100
32	INT3P3	X	.022	.022	0	%100
33	INT3P4	X	.026	.026	0	%100
34	MP-1	X	.012	.012	0	%100
35	MP-2	X	.012	.012	0	%100
36	MP-3	X	.012	.012	0	%100
37	MP-4	X	.012	.012	0	%100
38	MP-5	X	.012	.012	0	%100
39	MP-6	X	.012	.012	0	%100
40	MP-7	X	.012	.012	0	%100
41	MP-8	X	.012	.012	0	%100
42	MP-9	X	.012	.012	0	%100
43	MP-10	X	.012	.012	0	%100
44	MP-11	X	.012	.012	0	%100
45	MP-12	X	.012	.012	0	%100
46	MP-15	X	.01	.01	0	%100
47	MP-17	X	.01	.01	0	%100
48	MP-13	X	.01	.01	0	%100
49	INT-1A	X	.009	.009	0	%100
50	INT-1B	X	.009	.009	0	%100
51	INT-2A	X	.02	.02	0	%100
52	INT-2B	X	.02	.02	0	%100
53	INT-3A	X	.009	.009	0	%100
54	INT-3B	X	.009	.009	0	%100
55	SA1	X	.021	.021	0	%100
56	SA2	X	0	0	0	%100
57	SA3	X	.021	.021	0	%100
58	SR-1	X	.012	.012	0	%100
59	SR-2	X	.006	.006	0	%100
60	SR-3	X	.006	.006	0	%100
61	CB-1	X	.001	.001	0	%100
62	CB-2	X	.001	.001	0	%100
63	CB-3	X	.001	.001	0	%100
64	VSK1	X	.011	.011	0	%100
65	VSK2	X	.011	.011	0	%100
66	VSK3	X	.011	.011	0	%100
67	VSK4	X	.011	.011	0	%100
68	VSK5	X	.011	.011	0	%100
69	VSK6	X	.011	.011	0	%100
70	MP-18	X	.01	.01	0	%100
71	MP-14	X	.01	.01	0	%100
72	MP-16	X	.01	.01	0	%100
73	RRU9	X	.019	.019	0	%100
74	RRU10	X	.019	.019	0	%100
75	RRU8	X	.019	.019	0	%100
76	RRU7	X	.019	.019	0	%100
77	RRU5	X	.009	.009	0	%100
78	RRU6	X	.009	.009	0	%100
79	RRU3	X	.009	.009	0	%100
80	RRU4	X	.009	.009	0	%100
81	RRU1	X	.009	.009	0	%100
82	RRU2	X	.009	.009	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
83	RRU11	X	.009	.009	0	%100
84	RRU12	X	.009	.009	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.008	.008	0	%100
2	AHCP-2	X	.009	.009	0	%100
3	AHCP-3	X	0	0	0	%100
4	CP1-1	X	.019	.019	0	%100
5	CP1-2	X	.019	.019	0	%100
6	CP1-3	X	0	0	0	%100
7	CP2-1	X	0	0	0	%100
8	CP2-2	X	.019	.019	0	%100
9	CP2-3	X	.019	.019	0	%100
10	CP3-1	X	.019	.019	0	%100
11	CP3-2	X	0	0	0	%100
12	CP3-3	X	.019	.019	0	%100
13	FF1-BH	X	.009	.009	0	%100
14	FF2-BH	X	0	0	0	%100
15	FF3-BH	X	.009	.009	0	%100
16	GS-1	X	.011	.011	0	%100
17	GS-2	X	.000681	.000681	0	%100
18	GS-3	X	.000727	.000727	0	%100
19	GS-4	X	.009	.009	0	%100
20	GS-5	X	.008	.008	0	%100
21	GS-6	X	.01	.01	0	%100
22	INT1P1	X	.011	.011	0	%100
23	INT1P2	X	.019	.019	0	%100
24	INT1P3	X	.011	.011	0	%100
25	INT1P4	X	0	0	0	%100
26	INT2P1	X	.011	.011	0	%100
27	INT2P2	X	0	0	0	%100
28	INT2P3	X	.011	.011	0	%100
29	INT2P4	X	.019	.019	0	%100
30	INT3P1	X	.022	.022	0	%100
31	INT3P2	X	.019	.019	0	%100
32	INT3P3	X	.022	.022	0	%100
33	INT3P4	X	.019	.019	0	%100
34	MP-1	X	.01	.01	0	%100
35	MP-2	X	.01	.01	0	%100
36	MP-3	X	.01	.01	0	%100
37	MP-4	X	.01	.01	0	%100
38	MP-5	X	.01	.01	0	%100
39	MP-6	X	.01	.01	0	%100
40	MP-7	X	.01	.01	0	%100
41	MP-8	X	.01	.01	0	%100
42	MP-9	X	.01	.01	0	%100
43	MP-10	X	.01	.01	0	%100
44	MP-11	X	.01	.01	0	%100
45	MP-12	X	.01	.01	0	%100
46	MP-15	X	.009	.009	0	%100
47	MP-17	X	.009	.009	0	%100
48	MP-13	X	.009	.009	0	%100
49	INT-1A	X	.013	.013	0	%100
50	INT-1B	X	.013	.013	0	%100
51	INT-2A	X	.015	.015	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
52	INT-2B	X	.015	.015	0	%100
53	INT-3A	X	0	0	0	%100
54	INT-3B	X	0	0	0	%100
55	SA1	X	.011	.011	0	%100
56	SA2	X	.007	.007	0	%100
57	SA3	X	.021	.021	0	%100
58	SR-1	X	.009	.009	0	%100
59	SR-2	X	0	0	0	%100
60	SR-3	X	.009	.009	0	%100
61	CB-1	X	.001	.001	0	%100
62	CB-2	X	.001	.001	0	%100
63	CB-3	X	.001	.001	0	%100
64	VSK1	X	.009	.009	0	%100
65	VSK2	X	.009	.009	0	%100
66	VSK3	X	.009	.009	0	%100
67	VSK4	X	.009	.009	0	%100
68	VSK5	X	.009	.009	0	%100
69	VSK6	X	.009	.009	0	%100
70	MP-18	X	.009	.009	0	%100
71	MP-14	X	.009	.009	0	%100
72	MP-16	X	.009	.009	0	%100
73	RRU9	X	.014	.014	0	%100
74	RRU10	X	.014	.014	0	%100
75	RRU8	X	.014	.014	0	%100
76	RRU7	X	.014	.014	0	%100
77	RRU5	X	.013	.013	0	%100
78	RRU6	X	.013	.013	0	%100
79	RRU3	X	.013	.013	0	%100
80	RRU4	X	.013	.013	0	%100
81	RRU1	X	0	0	0	%100
82	RRU2	X	0	0	0	%100
83	RRU11	X	0	0	0	%100
84	RRU12	X	0	0	0	%100
85	AHCP-1	Z	.005	.005	0	%100
86	AHCP-2	Z	.005	.005	0	%100
87	AHCP-3	Z	0	0	0	%100
88	CP1-1	Z	.011	.011	0	%100
89	CP1-2	Z	.011	.011	0	%100
90	CP1-3	Z	0	0	0	%100
91	CP2-1	Z	0	0	0	%100
92	CP2-2	Z	.011	.011	0	%100
93	CP2-3	Z	.011	.011	0	%100
94	CP3-1	Z	.011	.011	0	%100
95	CP3-2	Z	0	0	0	%100
96	CP3-3	Z	.011	.011	0	%100
97	FF1-BH	Z	.005	.005	0	%100
98	FF2-BH	Z	0	0	0	%100
99	FF3-BH	Z	.005	.005	0	%100
100	GS-1	Z	.004	.004	0	%100
101	GS-2	Z	.000491	.000491	0	%100
102	GS-3	Z	.000476	.000476	0	%100
103	GS-4	Z	.006	.006	0	%100
104	GS-5	Z	.006	.006	0	%100
105	GS-6	Z	.004	.004	0	%100
106	INT1P1	Z	.006	.006	0	%100
107	INT1P2	Z	.011	.011	0	%100
108	INT1P3	Z	.006	.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
109	INT1P4	Z	0	0	0	%100
110	INT2P1	Z	.006	.006	0	%100
111	INT2P2	Z	0	0	0	%100
112	INT2P3	Z	.006	.006	0	%100
113	INT2P4	Z	.011	.011	0	%100
114	INT3P1	Z	.013	.013	0	%100
115	INT3P2	Z	.011	.011	0	%100
116	INT3P3	Z	.013	.013	0	%100
117	INT3P4	Z	.011	.011	0	%100
118	MP-1	Z	.006	.006	0	%100
119	MP-2	Z	.006	.006	0	%100
120	MP-3	Z	.006	.006	0	%100
121	MP-4	Z	.006	.006	0	%100
122	MP-5	Z	.006	.006	0	%100
123	MP-6	Z	.006	.006	0	%100
124	MP-7	Z	.006	.006	0	%100
125	MP-8	Z	.006	.006	0	%100
126	MP-9	Z	.006	.006	0	%100
127	MP-10	Z	.006	.006	0	%100
128	MP-11	Z	.006	.006	0	%100
129	MP-12	Z	.006	.006	0	%100
130	MP-15	Z	.005	.005	0	%100
131	MP-17	Z	.005	.005	0	%100
132	MP-13	Z	.005	.005	0	%100
133	INT-1A	Z	.009	.009	0	%100
134	INT-1B	Z	.009	.009	0	%100
135	INT-2A	Z	.009	.009	0	%100
136	INT-2B	Z	.009	.009	0	%100
137	INT-3A	Z	0	0	0	%100
138	INT-3B	Z	0	0	0	%100
139	SA1	Z	.005	.005	0	%100
140	SA2	Z	.006	.006	0	%100
141	SA3	Z	.011	.011	0	%100
142	SR-1	Z	.005	.005	0	%100
143	SR-2	Z	0	0	0	%100
144	SR-3	Z	.005	.005	0	%100
145	CB-1	Z	.00059	.00059	0	%100
146	CB-2	Z	.00059	.00059	0	%100
147	CB-3	Z	.00059	.00059	0	%100
148	VSK1	Z	.005	.005	0	%100
149	VSK2	Z	.005	.005	0	%100
150	VSK3	Z	.005	.005	0	%100
151	VSK4	Z	.005	.005	0	%100
152	VSK5	Z	.005	.005	0	%100
153	VSK6	Z	.005	.005	0	%100
154	MP-18	Z	.005	.005	0	%100
155	MP-14	Z	.005	.005	0	%100
156	MP-16	Z	.005	.005	0	%100
157	RRU9	Z	.008	.008	0	%100
158	RRU10	Z	.008	.008	0	%100
159	RRU8	Z	.008	.008	0	%100
160	RRU7	Z	.008	.008	0	%100
161	RRU5	Z	.008	.008	0	%100
162	RRU6	Z	.008	.008	0	%100
163	RRU3	Z	.008	.008	0	%100
164	RRU4	Z	.008	.008	0	%100
165	RRU1	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
166	RRU2	Z	0	0	0	%100
167	RRU11	Z	0	0	0	%100
168	RRU12	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.007	.007	0	%100
2	AHCP-2	X	.006	.006	0	%100
3	AHCP-3	X	.002	.002	0	%100
4	CP1-1	X	.013	.013	0	%100
5	CP1-2	X	.018	.018	0	%100
6	CP1-3	X	.005	.005	0	%100
7	CP2-1	X	.005	.005	0	%100
8	CP2-2	X	.013	.013	0	%100
9	CP2-3	X	.018	.018	0	%100
10	CP3-1	X	.018	.018	0	%100
11	CP3-2	X	.005	.005	0	%100
12	CP3-3	X	.013	.013	0	%100
13	FF1-BH	X	.006	.006	0	%100
14	FF2-BH	X	.002	.002	0	%100
15	FF3-BH	X	.008	.008	0	%100
16	GS-1	X	.008	.008	0	%100
17	GS-2	X	.003	.003	0	%100
18	GS-3	X	.002	.002	0	%100
19	GS-4	X	.008	.008	0	%100
20	GS-5	X	.007	.007	0	%100
21	GS-6	X	.007	.007	0	%100
22	INT1P1	X	.005	.005	0	%100
23	INT1P2	X	.013	.013	0	%100
24	INT1P3	X	.005	.005	0	%100
25	INT1P4	X	.005	.005	0	%100
26	INT2P1	X	.013	.013	0	%100
27	INT2P2	X	.005	.005	0	%100
28	INT2P3	X	.013	.013	0	%100
29	INT2P4	X	.018	.018	0	%100
30	INT3P1	X	.018	.018	0	%100
31	INT3P2	X	.018	.018	0	%100
32	INT3P3	X	.018	.018	0	%100
33	INT3P4	X	.013	.013	0	%100
34	MP-1	X	.008	.008	0	%100
35	MP-2	X	.008	.008	0	%100
36	MP-3	X	.008	.008	0	%100
37	MP-4	X	.008	.008	0	%100
38	MP-5	X	.008	.008	0	%100
39	MP-6	X	.008	.008	0	%100
40	MP-7	X	.008	.008	0	%100
41	MP-8	X	.008	.008	0	%100
42	MP-9	X	.008	.008	0	%100
43	MP-10	X	.008	.008	0	%100
44	MP-11	X	.008	.008	0	%100
45	MP-12	X	.008	.008	0	%100
46	MP-15	X	.007	.007	0	%100
47	MP-17	X	.007	.007	0	%100
48	MP-13	X	.007	.007	0	%100
49	INT-1A	X	.012	.012	0	%100
50	INT-1B	X	.012	.012	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
51	INT-2A	X	.01	.01	0	%100
52	INT-2B	X	.01	.01	0	%100
53	INT-3A	X	.003	.003	0	%100
54	INT-3B	X	.003	.003	0	%100
55	SA1	X	.005	.005	0	%100
56	SA2	X	.009	.009	0	%100
57	SA3	X	.017	.017	0	%100
58	SR-1	X	.006	.006	0	%100
59	SR-2	X	.002	.002	0	%100
60	SR-3	X	.008	.008	0	%100
61	CB-1	X	.000834	.000834	0	%100
62	CB-2	X	.000834	.000834	0	%100
63	CB-3	X	.000834	.000834	0	%100
64	VSK1	X	.007	.007	0	%100
65	VSK2	X	.007	.007	0	%100
66	VSK3	X	.007	.007	0	%100
67	VSK4	X	.007	.007	0	%100
68	VSK5	X	.007	.007	0	%100
69	VSK6	X	.007	.007	0	%100
70	MP-18	X	.007	.007	0	%100
71	MP-14	X	.007	.007	0	%100
72	MP-16	X	.007	.007	0	%100
73	RRU9	X	.01	.01	0	%100
74	RRU10	X	.01	.01	0	%100
75	RRU8	X	.01	.01	0	%100
76	RRU7	X	.01	.01	0	%100
77	RRU5	X	.012	.012	0	%100
78	RRU6	X	.012	.012	0	%100
79	RRU3	X	.012	.012	0	%100
80	RRU4	X	.012	.012	0	%100
81	RRU1	X	.003	.003	0	%100
82	RRU2	X	.003	.003	0	%100
83	RRU11	X	.003	.003	0	%100
84	RRU12	X	.003	.003	0	%100
85	AHCP-1	Z	.008	.008	0	%100
86	AHCP-2	Z	.006	.006	0	%100
87	AHCP-3	Z	.002	.002	0	%100
88	CP1-1	Z	.013	.013	0	%100
89	CP1-2	Z	.018	.018	0	%100
90	CP1-3	Z	.005	.005	0	%100
91	CP2-1	Z	.005	.005	0	%100
92	CP2-2	Z	.013	.013	0	%100
93	CP2-3	Z	.018	.018	0	%100
94	CP3-1	Z	.018	.018	0	%100
95	CP3-2	Z	.005	.005	0	%100
96	CP3-3	Z	.013	.013	0	%100
97	FF1-BH	Z	.006	.006	0	%100
98	FF2-BH	Z	.002	.002	0	%100
99	FF3-BH	Z	.008	.008	0	%100
100	GS-1	Z	.005	.005	0	%100
101	GS-2	Z	.003	.003	0	%100
102	GS-3	Z	.002	.002	0	%100
103	GS-4	Z	.009	.009	0	%100
104	GS-5	Z	.009	.009	0	%100
105	GS-6	Z	.004	.004	0	%100
106	INT1P1	Z	.005	.005	0	%100
107	INT1P2	Z	.013	.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
108	INT1P3	Z	.005	.005	0	%100
109	INT1P4	Z	.005	.005	0	%100
110	INT2P1	Z	.013	.013	0	%100
111	INT2P2	Z	.005	.005	0	%100
112	INT2P3	Z	.013	.013	0	%100
113	INT2P4	Z	.018	.018	0	%100
114	INT3P1	Z	.018	.018	0	%100
115	INT3P2	Z	.018	.018	0	%100
116	INT3P3	Z	.018	.018	0	%100
117	INT3P4	Z	.013	.013	0	%100
118	MP-1	Z	.008	.008	0	%100
119	MP-2	Z	.008	.008	0	%100
120	MP-3	Z	.008	.008	0	%100
121	MP-4	Z	.008	.008	0	%100
122	MP-5	Z	.008	.008	0	%100
123	MP-6	Z	.008	.008	0	%100
124	MP-7	Z	.008	.008	0	%100
125	MP-8	Z	.008	.008	0	%100
126	MP-9	Z	.008	.008	0	%100
127	MP-10	Z	.008	.008	0	%100
128	MP-11	Z	.008	.008	0	%100
129	MP-12	Z	.008	.008	0	%100
130	MP-15	Z	.007	.007	0	%100
131	MP-17	Z	.007	.007	0	%100
132	MP-13	Z	.007	.007	0	%100
133	INT-1A	Z	.013	.013	0	%100
134	INT-1B	Z	.013	.013	0	%100
135	INT-2A	Z	.01	.01	0	%100
136	INT-2B	Z	.01	.01	0	%100
137	INT-3A	Z	.004	.004	0	%100
138	INT-3B	Z	.004	.004	0	%100
139	SA1	Z	.004	.004	0	%100
140	SA2	Z	.013	.013	0	%100
141	SA3	Z	.015	.015	0	%100
142	SR-1	Z	.006	.006	0	%100
143	SR-2	Z	.002	.002	0	%100
144	SR-3	Z	.008	.008	0	%100
145	CB-1	Z	.000834	.000834	0	%100
146	CB-2	Z	.000834	.000834	0	%100
147	CB-3	Z	.000834	.000834	0	%100
148	VSK1	Z	.007	.007	0	%100
149	VSK2	Z	.007	.007	0	%100
150	VSK3	Z	.007	.007	0	%100
151	VSK4	Z	.007	.007	0	%100
152	VSK5	Z	.007	.007	0	%100
153	VSK6	Z	.007	.007	0	%100
154	MP-18	Z	.007	.007	0	%100
155	MP-14	Z	.007	.007	0	%100
156	MP-16	Z	.007	.007	0	%100
157	RRU9	Z	.01	.01	0	%100
158	RRU10	Z	.01	.01	0	%100
159	RRU8	Z	.01	.01	0	%100
160	RRU7	Z	.01	.01	0	%100
161	RRU5	Z	.013	.013	0	%100
162	RRU6	Z	.013	.013	0	%100
163	RRU3	Z	.013	.013	0	%100
164	RRU4	Z	.013	.013	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
165	RRU1	Z	.003	.003	0	%100
166	RRU2	Z	.003	.003	0	%100
167	RRU11	Z	.003	.003	0	%100
168	RRU12	Z	.003	.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.005	.005	0	%100
2	AHCP-2	X	.003	.003	0	%100
3	AHCP-3	X	.003	.003	0	%100
4	CP1-1	X	.006	.006	0	%100
5	CP1-2	X	.013	.013	0	%100
6	CP1-3	X	.006	.006	0	%100
7	CP2-1	X	.006	.006	0	%100
8	CP2-2	X	.006	.006	0	%100
9	CP2-3	X	.013	.013	0	%100
10	CP3-1	X	.013	.013	0	%100
11	CP3-2	X	.006	.006	0	%100
12	CP3-3	X	.006	.006	0	%100
13	FF1-BH	X	.003	.003	0	%100
14	FF2-BH	X	.003	.003	0	%100
15	FF3-BH	X	.006	.006	0	%100
16	GS-1	X	.004	.004	0	%100
17	GS-2	X	.003	.003	0	%100
18	GS-3	X	.003	.003	0	%100
19	GS-4	X	.006	.006	0	%100
20	GS-5	X	.005	.005	0	%100
21	GS-6	X	.003	.003	0	%100
22	INT1P1	X	0	0	0	%100
23	INT1P2	X	.006	.006	0	%100
24	INT1P3	X	0	0	0	%100
25	INT1P4	X	.006	.006	0	%100
26	INT2P1	X	.011	.011	0	%100
27	INT2P2	X	.006	.006	0	%100
28	INT2P3	X	.011	.011	0	%100
29	INT2P4	X	.013	.013	0	%100
30	INT3P1	X	.011	.011	0	%100
31	INT3P2	X	.013	.013	0	%100
32	INT3P3	X	.011	.011	0	%100
33	INT3P4	X	.006	.006	0	%100
34	MP-1	X	.006	.006	0	%100
35	MP-2	X	.006	.006	0	%100
36	MP-3	X	.006	.006	0	%100
37	MP-4	X	.006	.006	0	%100
38	MP-5	X	.006	.006	0	%100
39	MP-6	X	.006	.006	0	%100
40	MP-7	X	.006	.006	0	%100
41	MP-8	X	.006	.006	0	%100
42	MP-9	X	.006	.006	0	%100
43	MP-10	X	.006	.006	0	%100
44	MP-11	X	.006	.006	0	%100
45	MP-12	X	.006	.006	0	%100
46	MP-15	X	.005	.005	0	%100
47	MP-17	X	.005	.005	0	%100
48	MP-13	X	.005	.005	0	%100
49	INT-1A	X	.009	.009	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
50	INT-1B	X	.009	.009	0	%100
51	INT-2A	X	.005	.005	0	%100
52	INT-2B	X	.005	.005	0	%100
53	INT-3A	X	.004	.004	0	%100
54	INT-3B	X	.004	.004	0	%100
55	SA1	X	0	0	0	%100
56	SA2	X	.007	.007	0	%100
57	SA3	X	.011	.011	0	%100
58	SR-1	X	.003	.003	0	%100
59	SR-2	X	.003	.003	0	%100
60	SR-3	X	.006	.006	0	%100
61	CB-1	X	.00059	.00059	0	%100
62	CB-2	X	.00059	.00059	0	%100
63	CB-3	X	.00059	.00059	0	%100
64	VSK1	X	.005	.005	0	%100
65	VSK2	X	.005	.005	0	%100
66	VSK3	X	.005	.005	0	%100
67	VSK4	X	.005	.005	0	%100
68	VSK5	X	.005	.005	0	%100
69	VSK6	X	.005	.005	0	%100
70	MP-18	X	.005	.005	0	%100
71	MP-14	X	.005	.005	0	%100
72	MP-16	X	.005	.005	0	%100
73	RRU9	X	.005	.005	0	%100
74	RRU10	X	.005	.005	0	%100
75	RRU8	X	.005	.005	0	%100
76	RRU7	X	.005	.005	0	%100
77	RRU5	X	.009	.009	0	%100
78	RRU6	X	.009	.009	0	%100
79	RRU3	X	.009	.009	0	%100
80	RRU4	X	.009	.009	0	%100
81	RRU1	X	.004	.004	0	%100
82	RRU2	X	.004	.004	0	%100
83	RRU11	X	.004	.004	0	%100
84	RRU12	X	.004	.004	0	%100
85	AHCP-1	Z	.01	.01	0	%100
86	AHCP-2	Z	.005	.005	0	%100
87	AHCP-3	Z	.005	.005	0	%100
88	CP1-1	Z	.011	.011	0	%100
89	CP1-2	Z	.022	.022	0	%100
90	CP1-3	Z	.011	.011	0	%100
91	CP2-1	Z	.011	.011	0	%100
92	CP2-2	Z	.011	.011	0	%100
93	CP2-3	Z	.022	.022	0	%100
94	CP3-1	Z	.022	.022	0	%100
95	CP3-2	Z	.011	.011	0	%100
96	CP3-3	Z	.011	.011	0	%100
97	FF1-BH	Z	.005	.005	0	%100
98	FF2-BH	Z	.005	.005	0	%100
99	FF3-BH	Z	.01	.01	0	%100
100	GS-1	Z	.004	.004	0	%100
101	GS-2	Z	.007	.007	0	%100
102	GS-3	Z	.005	.005	0	%100
103	GS-4	Z	.011	.011	0	%100
104	GS-5	Z	.012	.012	0	%100
105	GS-6	Z	.003	.003	0	%100
106	INT1P1	Z	0	0	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
107	INT1P2	Z	.011	.011	0	%100
108	INT1P3	Z	0	0	0	%100
109	INT1P4	Z	.011	.011	0	%100
110	INT2P1	Z	.019	.019	0	%100
111	INT2P2	Z	.011	.011	0	%100
112	INT2P3	Z	.019	.019	0	%100
113	INT2P4	Z	.022	.022	0	%100
114	INT3P1	Z	.019	.019	0	%100
115	INT3P2	Z	.022	.022	0	%100
116	INT3P3	Z	.019	.019	0	%100
117	INT3P4	Z	.011	.011	0	%100
118	MP-1	Z	.01	.01	0	%100
119	MP-2	Z	.01	.01	0	%100
120	MP-3	Z	.01	.01	0	%100
121	MP-4	Z	.01	.01	0	%100
122	MP-5	Z	.01	.01	0	%100
123	MP-6	Z	.01	.01	0	%100
124	MP-7	Z	.01	.01	0	%100
125	MP-8	Z	.01	.01	0	%100
126	MP-9	Z	.01	.01	0	%100
127	MP-10	Z	.01	.01	0	%100
128	MP-11	Z	.01	.01	0	%100
129	MP-12	Z	.01	.01	0	%100
130	MP-15	Z	.009	.009	0	%100
131	MP-17	Z	.009	.009	0	%100
132	MP-13	Z	.009	.009	0	%100
133	INT-1A	Z	.017	.017	0	%100
134	INT-1B	Z	.017	.017	0	%100
135	INT-2A	Z	.009	.009	0	%100
136	INT-2B	Z	.009	.009	0	%100
137	INT-3A	Z	.009	.009	0	%100
138	INT-3B	Z	.009	.009	0	%100
139	SA1	Z	0	0	0	%100
140	SA2	Z	.019	.019	0	%100
141	SA3	Z	.016	.016	0	%100
142	SR-1	Z	.005	.005	0	%100
143	SR-2	Z	.005	.005	0	%100
144	SR-3	Z	.01	.01	0	%100
145	CB-1	Z	.001	.001	0	%100
146	CB-2	Z	.001	.001	0	%100
147	CB-3	Z	.001	.001	0	%100
148	VSK1	Z	.009	.009	0	%100
149	VSK2	Z	.009	.009	0	%100
150	VSK3	Z	.009	.009	0	%100
151	VSK4	Z	.009	.009	0	%100
152	VSK5	Z	.009	.009	0	%100
153	VSK6	Z	.009	.009	0	%100
154	MP-18	Z	.009	.009	0	%100
155	MP-14	Z	.009	.009	0	%100
156	MP-16	Z	.009	.009	0	%100
157	RRU9	Z	.008	.008	0	%100
158	RRU10	Z	.008	.008	0	%100
159	RRU8	Z	.008	.008	0	%100
160	RRU7	Z	.008	.008	0	%100
161	RRU5	Z	.016	.016	0	%100
162	RRU6	Z	.016	.016	0	%100
163	RRU3	Z	.016	.016	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
164	RRU4	Z	.016	.016	0	%100
165	RRU1	Z	.008	.008	0	%100
166	RRU2	Z	.008	.008	0	%100
167	RRU11	Z	.008	.008	0	%100
168	RRU12	Z	.008	.008	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	Z	.01	.01	0	%100
2	AHCP-2	Z	0	0	0	%100
3	AHCP-3	Z	.01	.01	0	%100
4	CP1-1	Z	0	0	0	%100
5	CP1-2	Z	.022	.022	0	%100
6	CP1-3	Z	.022	.022	0	%100
7	CP2-1	Z	.022	.022	0	%100
8	CP2-2	Z	0	0	0	%100
9	CP2-3	Z	.022	.022	0	%100
10	CP3-1	Z	.022	.022	0	%100
11	CP3-2	Z	.022	.022	0	%100
12	CP3-3	Z	0	0	0	%100
13	FF1-BH	Z	0	0	0	%100
14	FF2-BH	Z	.01	.01	0	%100
15	FF3-BH	Z	.01	.01	0	%100
16	GS-1	Z	.000618	.000618	0	%100
17	GS-2	Z	.012	.012	0	%100
18	GS-3	Z	.011	.011	0	%100
19	GS-4	Z	.011	.011	0	%100
20	GS-5	Z	.012	.012	0	%100
21	GS-6	Z	.000618	.000618	0	%100
22	INT1P1	Z	.013	.013	0	%100
23	INT1P2	Z	0	0	0	%100
24	INT1P3	Z	.013	.013	0	%100
25	INT1P4	Z	.022	.022	0	%100
26	INT2P1	Z	.026	.026	0	%100
27	INT2P2	Z	.022	.022	0	%100
28	INT2P3	Z	.026	.026	0	%100
29	INT2P4	Z	.022	.022	0	%100
30	INT3P1	Z	.013	.013	0	%100
31	INT3P2	Z	.022	.022	0	%100
32	INT3P3	Z	.013	.013	0	%100
33	INT3P4	Z	0	0	0	%100
34	MP-1	Z	.012	.012	0	%100
35	MP-2	Z	.012	.012	0	%100
36	MP-3	Z	.012	.012	0	%100
37	MP-4	Z	.012	.012	0	%100
38	MP-5	Z	.012	.012	0	%100
39	MP-6	Z	.012	.012	0	%100
40	MP-7	Z	.012	.012	0	%100
41	MP-8	Z	.012	.012	0	%100
42	MP-9	Z	.012	.012	0	%100
43	MP-10	Z	.012	.012	0	%100
44	MP-11	Z	.012	.012	0	%100
45	MP-12	Z	.012	.012	0	%100
46	MP-15	Z	.01	.01	0	%100
47	MP-17	Z	.01	.01	0	%100
48	MP-13	Z	.01	.01	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
49	INT-1A	Z	.017	.017	0	%100
50	INT-1B	Z	.017	.017	0	%100
51	INT-2A	Z	0	0	0	%100
52	INT-2B	Z	0	0	0	%100
53	INT-3A	Z	.017	.017	0	%100
54	INT-3B	Z	.017	.017	0	%100
55	SA1	Z	.011	.011	0	%100
56	SA2	Z	.026	.026	0	%100
57	SA3	Z	.011	.011	0	%100
58	SR-1	Z	0	0	0	%100
59	SR-2	Z	.01	.01	0	%100
60	SR-3	Z	.01	.01	0	%100
61	CB-1	Z	.001	.001	0	%100
62	CB-2	Z	.001	.001	0	%100
63	CB-3	Z	.001	.001	0	%100
64	VSK1	Z	.011	.011	0	%100
65	VSK2	Z	.011	.011	0	%100
66	VSK3	Z	.011	.011	0	%100
67	VSK4	Z	.011	.011	0	%100
68	VSK5	Z	.011	.011	0	%100
69	VSK6	Z	.011	.011	0	%100
70	MP-18	Z	.01	.01	0	%100
71	MP-14	Z	.01	.01	0	%100
72	MP-16	Z	.01	.01	0	%100
73	RRU9	Z	0	0	0	%100
74	RRU10	Z	0	0	0	%100
75	RRU8	Z	0	0	0	%100
76	RRU7	Z	0	0	0	%100
77	RRU5	Z	.016	.016	0	%100
78	RRU6	Z	.016	.016	0	%100
79	RRU3	Z	.016	.016	0	%100
80	RRU4	Z	.016	.016	0	%100
81	RRU1	Z	.016	.016	0	%100
82	RRU2	Z	.016	.016	0	%100
83	RRU11	Z	.016	.016	0	%100
84	RRU12	Z	.016	.016	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.003	-.003	0	%100
2	AHCP-2	X	-.003	-.003	0	%100
3	AHCP-3	X	-.005	-.005	0	%100
4	CP1-1	X	-.006	-.006	0	%100
5	CP1-2	X	-.006	-.006	0	%100
6	CP1-3	X	-.013	-.013	0	%100
7	CP2-1	X	-.013	-.013	0	%100
8	CP2-2	X	-.006	-.006	0	%100
9	CP2-3	X	-.006	-.006	0	%100
10	CP3-1	X	-.006	-.006	0	%100
11	CP3-2	X	-.013	-.013	0	%100
12	CP3-3	X	-.006	-.006	0	%100
13	FF1-BH	X	-.003	-.003	0	%100
14	FF2-BH	X	-.006	-.006	0	%100
15	FF3-BH	X	-.003	-.003	0	%100
16	GS-1	X	-.003	-.003	0	%100
17	GS-2	X	-.005	-.005	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
18	GS-3	X	-.006	-.006	0	%100
19	GS-4	X	-.003	-.003	0	%100
20	GS-5	X	-.003	-.003	0	%100
21	GS-6	X	-.004	-.004	0	%100
22	INT1P1	X	-.011	-.011	0	%100
23	INT1P2	X	-.006	-.006	0	%100
24	INT1P3	X	-.011	-.011	0	%100
25	INT1P4	X	-.013	-.013	0	%100
26	INT2P1	X	-.011	-.011	0	%100
27	INT2P2	X	-.013	-.013	0	%100
28	INT2P3	X	-.011	-.011	0	%100
29	INT2P4	X	-.006	-.006	0	%100
30	INT3P1	X	0	0	0	%100
31	INT3P2	X	-.006	-.006	0	%100
32	INT3P3	X	0	0	0	%100
33	INT3P4	X	-.006	-.006	0	%100
34	MP-1	X	-.006	-.006	0	%100
35	MP-2	X	-.006	-.006	0	%100
36	MP-3	X	-.006	-.006	0	%100
37	MP-4	X	-.006	-.006	0	%100
38	MP-5	X	-.006	-.006	0	%100
39	MP-6	X	-.006	-.006	0	%100
40	MP-7	X	-.006	-.006	0	%100
41	MP-8	X	-.006	-.006	0	%100
42	MP-9	X	-.006	-.006	0	%100
43	MP-10	X	-.006	-.006	0	%100
44	MP-11	X	-.006	-.006	0	%100
45	MP-12	X	-.006	-.006	0	%100
46	MP-15	X	-.005	-.005	0	%100
47	MP-17	X	-.005	-.005	0	%100
48	MP-13	X	-.005	-.005	0	%100
49	INT-1A	X	-.004	-.004	0	%100
50	INT-1B	X	-.004	-.004	0	%100
51	INT-2A	X	-.005	-.005	0	%100
52	INT-2B	X	-.005	-.005	0	%100
53	INT-3A	X	-.009	-.009	0	%100
54	INT-3B	X	-.009	-.009	0	%100
55	SA1	X	-.011	-.011	0	%100
56	SA2	X	-.007	-.007	0	%100
57	SA3	X	0	0	0	%100
58	SR-1	X	-.003	-.003	0	%100
59	SR-2	X	-.006	-.006	0	%100
60	SR-3	X	-.003	-.003	0	%100
61	CB-1	X	-.00059	-.00059	0	%100
62	CB-2	X	-.00059	-.00059	0	%100
63	CB-3	X	-.00059	-.00059	0	%100
64	VSK1	X	-.005	-.005	0	%100
65	VSK2	X	-.005	-.005	0	%100
66	VSK3	X	-.005	-.005	0	%100
67	VSK4	X	-.005	-.005	0	%100
68	VSK5	X	-.005	-.005	0	%100
69	VSK6	X	-.005	-.005	0	%100
70	MP-18	X	-.005	-.005	0	%100
71	MP-14	X	-.005	-.005	0	%100
72	MP-16	X	-.005	-.005	0	%100
73	RRU9	X	-.005	-.005	0	%100
74	RRU10	X	-.005	-.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
75	RRU8	X	-.005	-.005	0	%100
76	RRU7	X	-.005	-.005	0	%100
77	RRU5	X	-.004	-.004	0	%100
78	RRU6	X	-.004	-.004	0	%100
79	RRU3	X	-.004	-.004	0	%100
80	RRU4	X	-.004	-.004	0	%100
81	RRU1	X	-.009	-.009	0	%100
82	RRU2	X	-.009	-.009	0	%100
83	RRU11	X	-.009	-.009	0	%100
84	RRU12	X	-.009	-.009	0	%100
85	AHCP-1	Z	.005	.005	0	%100
86	AHCP-2	Z	.005	.005	0	%100
87	AHCP-3	Z	.01	.01	0	%100
88	CP1-1	Z	.011	.011	0	%100
89	CP1-2	Z	.011	.011	0	%100
90	CP1-3	Z	.022	.022	0	%100
91	CP2-1	Z	.022	.022	0	%100
92	CP2-2	Z	.011	.011	0	%100
93	CP2-3	Z	.011	.011	0	%100
94	CP3-1	Z	.011	.011	0	%100
95	CP3-2	Z	.022	.022	0	%100
96	CP3-3	Z	.011	.011	0	%100
97	FF1-BH	Z	.005	.005	0	%100
98	FF2-BH	Z	.01	.01	0	%100
99	FF3-BH	Z	.005	.005	0	%100
100	GS-1	Z	.003	.003	0	%100
101	GS-2	Z	.012	.012	0	%100
102	GS-3	Z	.011	.011	0	%100
103	GS-4	Z	.005	.005	0	%100
104	GS-5	Z	.007	.007	0	%100
105	GS-6	Z	.004	.004	0	%100
106	INT1P1	Z	.019	.019	0	%100
107	INT1P2	Z	.011	.011	0	%100
108	INT1P3	Z	.019	.019	0	%100
109	INT1P4	Z	.022	.022	0	%100
110	INT2P1	Z	.019	.019	0	%100
111	INT2P2	Z	.022	.022	0	%100
112	INT2P3	Z	.019	.019	0	%100
113	INT2P4	Z	.011	.011	0	%100
114	INT3P1	Z	0	0	0	%100
115	INT3P2	Z	.011	.011	0	%100
116	INT3P3	Z	0	0	0	%100
117	INT3P4	Z	.011	.011	0	%100
118	MP-1	Z	.01	.01	0	%100
119	MP-2	Z	.01	.01	0	%100
120	MP-3	Z	.01	.01	0	%100
121	MP-4	Z	.01	.01	0	%100
122	MP-5	Z	.01	.01	0	%100
123	MP-6	Z	.01	.01	0	%100
124	MP-7	Z	.01	.01	0	%100
125	MP-8	Z	.01	.01	0	%100
126	MP-9	Z	.01	.01	0	%100
127	MP-10	Z	.01	.01	0	%100
128	MP-11	Z	.01	.01	0	%100
129	MP-12	Z	.01	.01	0	%100
130	MP-15	Z	.009	.009	0	%100
131	MP-17	Z	.009	.009	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
132	MP-13	Z	.009	.009	0	%100
133	INT-1A	Z	.009	.009	0	%100
134	INT-1B	Z	.009	.009	0	%100
135	INT-2A	Z	.009	.009	0	%100
136	INT-2B	Z	.009	.009	0	%100
137	INT-3A	Z	.017	.017	0	%100
138	INT-3B	Z	.017	.017	0	%100
139	SA1	Z	.016	.016	0	%100
140	SA2	Z	.019	.019	0	%100
141	SA3	Z	0	0	0	%100
142	SR-1	Z	.005	.005	0	%100
143	SR-2	Z	.01	.01	0	%100
144	SR-3	Z	.005	.005	0	%100
145	CB-1	Z	.001	.001	0	%100
146	CB-2	Z	.001	.001	0	%100
147	CB-3	Z	.001	.001	0	%100
148	VSK1	Z	.009	.009	0	%100
149	VSK2	Z	.009	.009	0	%100
150	VSK3	Z	.009	.009	0	%100
151	VSK4	Z	.009	.009	0	%100
152	VSK5	Z	.009	.009	0	%100
153	VSK6	Z	.009	.009	0	%100
154	MP-18	Z	.009	.009	0	%100
155	MP-14	Z	.009	.009	0	%100
156	MP-16	Z	.009	.009	0	%100
157	RRU9	Z	.008	.008	0	%100
158	RRU10	Z	.008	.008	0	%100
159	RRU8	Z	.008	.008	0	%100
160	RRU7	Z	.008	.008	0	%100
161	RRU5	Z	.008	.008	0	%100
162	RRU6	Z	.008	.008	0	%100
163	RRU3	Z	.008	.008	0	%100
164	RRU4	Z	.008	.008	0	%100
165	RRU1	Z	.016	.016	0	%100
166	RRU2	Z	.016	.016	0	%100
167	RRU11	Z	.016	.016	0	%100
168	RRU12	Z	.016	.016	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.002	-.002	0	%100
2	AHCP-2	X	-.006	-.006	0	%100
3	AHCP-3	X	-.007	-.007	0	%100
4	CP1-1	X	-.013	-.013	0	%100
5	CP1-2	X	-.005	-.005	0	%100
6	CP1-3	X	-.018	-.018	0	%100
7	CP2-1	X	-.018	-.018	0	%100
8	CP2-2	X	-.013	-.013	0	%100
9	CP2-3	X	-.005	-.005	0	%100
10	CP3-1	X	-.005	-.005	0	%100
11	CP3-2	X	-.018	-.018	0	%100
12	CP3-3	X	-.013	-.013	0	%100
13	FF1-BH	X	-.006	-.006	0	%100
14	FF2-BH	X	-.008	-.008	0	%100
15	FF3-BH	X	-.002	-.002	0	%100
16	GS-1	X	-.007	-.007	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
17	GS-2	X	-.007	-.007	0	%100
18	GS-3	X	-.008	-.008	0	%100
19	GS-4	X	-.002	-.002	0	%100
20	GS-5	X	-.003	-.003	0	%100
21	GS-6	X	-.008	-.008	0	%100
22	INT1P1	X	-.018	-.018	0	%100
23	INT1P2	X	-.013	-.013	0	%100
24	INT1P3	X	-.018	-.018	0	%100
25	INT1P4	X	-.018	-.018	0	%100
26	INT2P1	X	-.013	-.013	0	%100
27	INT2P2	X	-.018	-.018	0	%100
28	INT2P3	X	-.013	-.013	0	%100
29	INT2P4	X	-.005	-.005	0	%100
30	INT3P1	X	-.005	-.005	0	%100
31	INT3P2	X	-.005	-.005	0	%100
32	INT3P3	X	-.005	-.005	0	%100
33	INT3P4	X	-.013	-.013	0	%100
34	MP-1	X	-.008	-.008	0	%100
35	MP-2	X	-.008	-.008	0	%100
36	MP-3	X	-.008	-.008	0	%100
37	MP-4	X	-.008	-.008	0	%100
38	MP-5	X	-.008	-.008	0	%100
39	MP-6	X	-.008	-.008	0	%100
40	MP-7	X	-.008	-.008	0	%100
41	MP-8	X	-.008	-.008	0	%100
42	MP-9	X	-.008	-.008	0	%100
43	MP-10	X	-.008	-.008	0	%100
44	MP-11	X	-.008	-.008	0	%100
45	MP-12	X	-.008	-.008	0	%100
46	MP-15	X	-.007	-.007	0	%100
47	MP-17	X	-.007	-.007	0	%100
48	MP-13	X	-.007	-.007	0	%100
49	INT-1A	X	-.003	-.003	0	%100
50	INT-1B	X	-.003	-.003	0	%100
51	INT-2A	X	-.01	-.01	0	%100
52	INT-2B	X	-.01	-.01	0	%100
53	INT-3A	X	-.012	-.012	0	%100
54	INT-3B	X	-.012	-.012	0	%100
55	SA1	X	-.017	-.017	0	%100
56	SA2	X	-.009	-.009	0	%100
57	SA3	X	-.005	-.005	0	%100
58	SR-1	X	-.006	-.006	0	%100
59	SR-2	X	-.008	-.008	0	%100
60	SR-3	X	-.002	-.002	0	%100
61	CB-1	X	-.000834	-.000834	0	%100
62	CB-2	X	-.000834	-.000834	0	%100
63	CB-3	X	-.000834	-.000834	0	%100
64	VSK1	X	-.007	-.007	0	%100
65	VSK2	X	-.007	-.007	0	%100
66	VSK3	X	-.007	-.007	0	%100
67	VSK4	X	-.007	-.007	0	%100
68	VSK5	X	-.007	-.007	0	%100
69	VSK6	X	-.007	-.007	0	%100
70	MP-18	X	-.007	-.007	0	%100
71	MP-14	X	-.007	-.007	0	%100
72	MP-16	X	-.007	-.007	0	%100
73	RRU9	X	-.01	-.01	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
74	RRU10	X	-.01	-.01	0	%100
75	RRU8	X	-.01	-.01	0	%100
76	RRU7	X	-.01	-.01	0	%100
77	RRU5	X	-.003	-.003	0	%100
78	RRU6	X	-.003	-.003	0	%100
79	RRU3	X	-.003	-.003	0	%100
80	RRU4	X	-.003	-.003	0	%100
81	RRU1	X	-.012	-.012	0	%100
82	RRU2	X	-.012	-.012	0	%100
83	RRU11	X	-.012	-.012	0	%100
84	RRU12	X	-.012	-.012	0	%100
85	AHCP-1	Z	.002	.002	0	%100
86	AHCP-2	Z	.006	.006	0	%100
87	AHCP-3	Z	.008	.008	0	%100
88	CP1-1	Z	.013	.013	0	%100
89	CP1-2	Z	.005	.005	0	%100
90	CP1-3	Z	.018	.018	0	%100
91	CP2-1	Z	.018	.018	0	%100
92	CP2-2	Z	.013	.013	0	%100
93	CP2-3	Z	.005	.005	0	%100
94	CP3-1	Z	.005	.005	0	%100
95	CP3-2	Z	.018	.018	0	%100
96	CP3-3	Z	.013	.013	0	%100
97	FF1-BH	Z	.006	.006	0	%100
98	FF2-BH	Z	.008	.008	0	%100
99	FF3-BH	Z	.002	.002	0	%100
100	GS-1	Z	.004	.004	0	%100
101	GS-2	Z	.009	.009	0	%100
102	GS-3	Z	.009	.009	0	%100
103	GS-4	Z	.002	.002	0	%100
104	GS-5	Z	.003	.003	0	%100
105	GS-6	Z	.005	.005	0	%100
106	INT1P1	Z	.018	.018	0	%100
107	INT1P2	Z	.013	.013	0	%100
108	INT1P3	Z	.018	.018	0	%100
109	INT1P4	Z	.018	.018	0	%100
110	INT2P1	Z	.013	.013	0	%100
111	INT2P2	Z	.018	.018	0	%100
112	INT2P3	Z	.013	.013	0	%100
113	INT2P4	Z	.005	.005	0	%100
114	INT3P1	Z	.005	.005	0	%100
115	INT3P2	Z	.005	.005	0	%100
116	INT3P3	Z	.005	.005	0	%100
117	INT3P4	Z	.013	.013	0	%100
118	MP-1	Z	.008	.008	0	%100
119	MP-2	Z	.008	.008	0	%100
120	MP-3	Z	.008	.008	0	%100
121	MP-4	Z	.008	.008	0	%100
122	MP-5	Z	.008	.008	0	%100
123	MP-6	Z	.008	.008	0	%100
124	MP-7	Z	.008	.008	0	%100
125	MP-8	Z	.008	.008	0	%100
126	MP-9	Z	.008	.008	0	%100
127	MP-10	Z	.008	.008	0	%100
128	MP-11	Z	.008	.008	0	%100
129	MP-12	Z	.008	.008	0	%100
130	MP-15	Z	.007	.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
131	MP-17	Z	.007	.007	0	%100
132	MP-13	Z	.007	.007	0	%100
133	INT-1A	Z	.004	.004	0	%100
134	INT-1B	Z	.004	.004	0	%100
135	INT-2A	Z	.01	.01	0	%100
136	INT-2B	Z	.01	.01	0	%100
137	INT-3A	Z	.013	.013	0	%100
138	INT-3B	Z	.013	.013	0	%100
139	SA1	Z	.015	.015	0	%100
140	SA2	Z	.013	.013	0	%100
141	SA3	Z	.004	.004	0	%100
142	SR-1	Z	.006	.006	0	%100
143	SR-2	Z	.008	.008	0	%100
144	SR-3	Z	.002	.002	0	%100
145	CB-1	Z	.000834	.000834	0	%100
146	CB-2	Z	.000834	.000834	0	%100
147	CB-3	Z	.000834	.000834	0	%100
148	VSK1	Z	.007	.007	0	%100
149	VSK2	Z	.007	.007	0	%100
150	VSK3	Z	.007	.007	0	%100
151	VSK4	Z	.007	.007	0	%100
152	VSK5	Z	.007	.007	0	%100
153	VSK6	Z	.007	.007	0	%100
154	MP-18	Z	.007	.007	0	%100
155	MP-14	Z	.007	.007	0	%100
156	MP-16	Z	.007	.007	0	%100
157	RRU9	Z	.01	.01	0	%100
158	RRU10	Z	.01	.01	0	%100
159	RRU8	Z	.01	.01	0	%100
160	RRU7	Z	.01	.01	0	%100
161	RRU5	Z	.003	.003	0	%100
162	RRU6	Z	.003	.003	0	%100
163	RRU3	Z	.003	.003	0	%100
164	RRU4	Z	.003	.003	0	%100
165	RRU1	Z	.013	.013	0	%100
166	RRU2	Z	.013	.013	0	%100
167	RRU11	Z	.013	.013	0	%100
168	RRU12	Z	.013	.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	0	0	0	%100
2	AHCP-2	X	-.009	-.009	0	%100
3	AHCP-3	X	-.008	-.008	0	%100
4	CP1-1	X	-.019	-.019	0	%100
5	CP1-2	X	0	0	0	%100
6	CP1-3	X	-.019	-.019	0	%100
7	CP2-1	X	-.019	-.019	0	%100
8	CP2-2	X	-.019	-.019	0	%100
9	CP2-3	X	0	0	0	%100
10	CP3-1	X	0	0	0	%100
11	CP3-2	X	-.019	-.019	0	%100
12	CP3-3	X	-.019	-.019	0	%100
13	FF1-BH	X	-.009	-.009	0	%100
14	FF2-BH	X	-.009	-.009	0	%100
15	FF3-BH	X	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
16	GS-1	X	-.01	-.01	0	%100
17	GS-2	X	-.008	-.008	0	%100
18	GS-3	X	-.009	-.009	0	%100
19	GS-4	X	-.000727	-.000727	0	%100
20	GS-5	X	-.000681	-.000681	0	%100
21	GS-6	X	-.011	-.011	0	%100
22	INT1P1	X	-.022	-.022	0	%100
23	INT1P2	X	-.019	-.019	0	%100
24	INT1P3	X	-.022	-.022	0	%100
25	INT1P4	X	-.019	-.019	0	%100
26	INT2P1	X	-.011	-.011	0	%100
27	INT2P2	X	-.019	-.019	0	%100
28	INT2P3	X	-.011	-.011	0	%100
29	INT2P4	X	0	0	0	%100
30	INT3P1	X	-.011	-.011	0	%100
31	INT3P2	X	0	0	0	%100
32	INT3P3	X	-.011	-.011	0	%100
33	INT3P4	X	-.019	-.019	0	%100
34	MP-1	X	-.01	-.01	0	%100
35	MP-2	X	-.01	-.01	0	%100
36	MP-3	X	-.01	-.01	0	%100
37	MP-4	X	-.01	-.01	0	%100
38	MP-5	X	-.01	-.01	0	%100
39	MP-6	X	-.01	-.01	0	%100
40	MP-7	X	-.01	-.01	0	%100
41	MP-8	X	-.01	-.01	0	%100
42	MP-9	X	-.01	-.01	0	%100
43	MP-10	X	-.01	-.01	0	%100
44	MP-11	X	-.01	-.01	0	%100
45	MP-12	X	-.01	-.01	0	%100
46	MP-15	X	-.009	-.009	0	%100
47	MP-17	X	-.009	-.009	0	%100
48	MP-13	X	-.009	-.009	0	%100
49	INT-1A	X	0	0	0	%100
50	INT-1B	X	0	0	0	%100
51	INT-2A	X	-.015	-.015	0	%100
52	INT-2B	X	-.015	-.015	0	%100
53	INT-3A	X	-.013	-.013	0	%100
54	INT-3B	X	-.013	-.013	0	%100
55	SA1	X	-.021	-.021	0	%100
56	SA2	X	-.007	-.007	0	%100
57	SA3	X	-.011	-.011	0	%100
58	SR-1	X	-.009	-.009	0	%100
59	SR-2	X	-.009	-.009	0	%100
60	SR-3	X	0	0	0	%100
61	CB-1	X	-.001	-.001	0	%100
62	CB-2	X	-.001	-.001	0	%100
63	CB-3	X	-.001	-.001	0	%100
64	VSK1	X	-.009	-.009	0	%100
65	VSK2	X	-.009	-.009	0	%100
66	VSK3	X	-.009	-.009	0	%100
67	VSK4	X	-.009	-.009	0	%100
68	VSK5	X	-.009	-.009	0	%100
69	VSK6	X	-.009	-.009	0	%100
70	MP-18	X	-.009	-.009	0	%100
71	MP-14	X	-.009	-.009	0	%100
72	MP-16	X	-.009	-.009	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
73	RRU9	X	-.014	-.014	0	%100
74	RRU10	X	-.014	-.014	0	%100
75	RRU8	X	-.014	-.014	0	%100
76	RRU7	X	-.014	-.014	0	%100
77	RRU5	X	0	0	0	%100
78	RRU6	X	0	0	0	%100
79	RRU3	X	0	0	0	%100
80	RRU4	X	0	0	0	%100
81	RRU1	X	-.013	-.013	0	%100
82	RRU2	X	-.013	-.013	0	%100
83	RRU11	X	-.013	-.013	0	%100
84	RRU12	X	-.013	-.013	0	%100
85	AHCP-1	Z	0	0	0	%100
86	AHCP-2	Z	.005	.005	0	%100
87	AHCP-3	Z	.005	.005	0	%100
88	CP1-1	Z	.011	.011	0	%100
89	CP1-2	Z	0	0	0	%100
90	CP1-3	Z	.011	.011	0	%100
91	CP2-1	Z	.011	.011	0	%100
92	CP2-2	Z	.011	.011	0	%100
93	CP2-3	Z	0	0	0	%100
94	CP3-1	Z	0	0	0	%100
95	CP3-2	Z	.011	.011	0	%100
96	CP3-3	Z	.011	.011	0	%100
97	FF1-BH	Z	.005	.005	0	%100
98	FF2-BH	Z	.005	.005	0	%100
99	FF3-BH	Z	0	0	0	%100
100	GS-1	Z	.004	.004	0	%100
101	GS-2	Z	.006	.006	0	%100
102	GS-3	Z	.006	.006	0	%100
103	GS-4	Z	.000476	.000476	0	%100
104	GS-5	Z	.000491	.000491	0	%100
105	GS-6	Z	.004	.004	0	%100
106	INT1P1	Z	.013	.013	0	%100
107	INT1P2	Z	.011	.011	0	%100
108	INT1P3	Z	.013	.013	0	%100
109	INT1P4	Z	.011	.011	0	%100
110	INT2P1	Z	.006	.006	0	%100
111	INT2P2	Z	.011	.011	0	%100
112	INT2P3	Z	.006	.006	0	%100
113	INT2P4	Z	0	0	0	%100
114	INT3P1	Z	.006	.006	0	%100
115	INT3P2	Z	0	0	0	%100
116	INT3P3	Z	.006	.006	0	%100
117	INT3P4	Z	.011	.011	0	%100
118	MP-1	Z	.006	.006	0	%100
119	MP-2	Z	.006	.006	0	%100
120	MP-3	Z	.006	.006	0	%100
121	MP-4	Z	.006	.006	0	%100
122	MP-5	Z	.006	.006	0	%100
123	MP-6	Z	.006	.006	0	%100
124	MP-7	Z	.006	.006	0	%100
125	MP-8	Z	.006	.006	0	%100
126	MP-9	Z	.006	.006	0	%100
127	MP-10	Z	.006	.006	0	%100
128	MP-11	Z	.006	.006	0	%100
129	MP-12	Z	.006	.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
130	MP-15	Z	.005	.005	0	%100
131	MP-17	Z	.005	.005	0	%100
132	MP-13	Z	.005	.005	0	%100
133	INT-1A	Z	0	0	0	%100
134	INT-1B	Z	0	0	0	%100
135	INT-2A	Z	.009	.009	0	%100
136	INT-2B	Z	.009	.009	0	%100
137	INT-3A	Z	.009	.009	0	%100
138	INT-3B	Z	.009	.009	0	%100
139	SA1	Z	.011	.011	0	%100
140	SA2	Z	.006	.006	0	%100
141	SA3	Z	.005	.005	0	%100
142	SR-1	Z	.005	.005	0	%100
143	SR-2	Z	.005	.005	0	%100
144	SR-3	Z	0	0	0	%100
145	CB-1	Z	.00059	.00059	0	%100
146	CB-2	Z	.00059	.00059	0	%100
147	CB-3	Z	.00059	.00059	0	%100
148	VSK1	Z	.005	.005	0	%100
149	VSK2	Z	.005	.005	0	%100
150	VSK3	Z	.005	.005	0	%100
151	VSK4	Z	.005	.005	0	%100
152	VSK5	Z	.005	.005	0	%100
153	VSK6	Z	.005	.005	0	%100
154	MP-18	Z	.005	.005	0	%100
155	MP-14	Z	.005	.005	0	%100
156	MP-16	Z	.005	.005	0	%100
157	RRU9	Z	.008	.008	0	%100
158	RRU10	Z	.008	.008	0	%100
159	RRU8	Z	.008	.008	0	%100
160	RRU7	Z	.008	.008	0	%100
161	RRU5	Z	0	0	0	%100
162	RRU6	Z	0	0	0	%100
163	RRU3	Z	0	0	0	%100
164	RRU4	Z	0	0	0	%100
165	RRU1	Z	.008	.008	0	%100
166	RRU2	Z	.008	.008	0	%100
167	RRU11	Z	.008	.008	0	%100
168	RRU12	Z	.008	.008	0	%100

Member Distributed Loads (BLC 18 : Ice Weight)

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	Y	-.008	-.008	0	%100
2	AHCP-2	Y	-.008	-.008	0	%100
3	AHCP-3	Y	-.008	-.008	0	%100
4	CP1-1	Y	-.036	-.036	0	%100
5	CP1-2	Y	-.02	-.02	0	%100
6	CP1-3	Y	-.036	-.036	0	%100
7	CP2-1	Y	-.036	-.036	0	%100
8	CP2-2	Y	-.02	-.02	0	%100
9	CP2-3	Y	-.036	-.036	0	%100
10	CP3-1	Y	-.036	-.036	0	%100
11	CP3-2	Y	-.02	-.02	0	%100
12	CP3-3	Y	-.036	-.036	0	%100
13	FF1-BH	Y	-.012	-.012	0	%100
14	FF2-BH	Y	-.012	-.012	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
15	FF3-BH	Y	-.012	-.012	0	%100
16	GS-1	Y	-.006	-.006	0	%100
17	GS-2	Y	-.006	-.006	0	%100
18	GS-3	Y	-.006	-.006	0	%100
19	GS-4	Y	-.006	-.006	0	%100
20	GS-5	Y	-.006	-.006	0	%100
21	GS-6	Y	-.006	-.006	0	%100
22	INT1P1	Y	-.028	-.028	0	%100
23	INT1P2	Y	-.036	-.036	0	%100
24	INT1P3	Y	-.028	-.028	0	%100
25	INT1P4	Y	-.036	-.036	0	%100
26	INT2P1	Y	-.028	-.028	0	%100
27	INT2P2	Y	-.036	-.036	0	%100
28	INT2P3	Y	-.028	-.028	0	%100
29	INT2P4	Y	-.036	-.036	0	%100
30	INT3P1	Y	-.028	-.028	0	%100
31	INT3P2	Y	-.036	-.036	0	%100
32	INT3P3	Y	-.028	-.028	0	%100
33	INT3P4	Y	-.036	-.036	0	%100
34	MP-1	Y	-.01	-.01	0	%100
35	MP-2	Y	-.01	-.01	0	%100
36	MP-3	Y	-.01	-.01	0	%100
37	MP-4	Y	-.01	-.01	0	%100
38	MP-5	Y	-.01	-.01	0	%100
39	MP-6	Y	-.01	-.01	0	%100
40	MP-7	Y	-.01	-.01	0	%100
41	MP-8	Y	-.01	-.01	0	%100
42	MP-9	Y	-.01	-.01	0	%100
43	MP-10	Y	-.01	-.01	0	%100
44	MP-11	Y	-.01	-.01	0	%100
45	MP-12	Y	-.01	-.01	0	%100
46	MP-15	Y	-.009	-.009	0	%100
47	MP-17	Y	-.009	-.009	0	%100
48	MP-13	Y	-.009	-.009	0	%100
49	INT-1A	Y	-.012	-.012	0	%100
50	INT-1B	Y	-.012	-.012	0	%100
51	INT-2A	Y	-.012	-.012	0	%100
52	INT-2B	Y	-.012	-.012	0	%100
53	INT-3A	Y	-.012	-.012	0	%100
54	INT-3B	Y	-.012	-.012	0	%100
55	SA1	Y	-.011	-.011	0	%100
56	SA2	Y	-.011	-.011	0	%100
57	SA3	Y	-.011	-.011	0	%100
58	SR-1	Y	-.01	-.01	0	%100
59	SR-2	Y	-.01	-.01	0	%100
60	SR-3	Y	-.01	-.01	0	%100
61	CB-1	Y	-.005	-.005	0	%100
62	CB-2	Y	-.005	-.005	0	%100
63	CB-3	Y	-.005	-.005	0	%100
64	VSK1	Y	-.011	-.011	0	%100
65	VSK2	Y	-.011	-.011	0	%100
66	VSK3	Y	-.011	-.011	0	%100
67	VSK4	Y	-.011	-.011	0	%100
68	VSK5	Y	-.011	-.011	0	%100
69	VSK6	Y	-.011	-.011	0	%100
70	MP-18	Y	-.009	-.009	0	%100
71	MP-14	Y	-.009	-.009	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
72	MP-16	Y	-.009	-.009	0	%100
73	RRU9	Y	-.013	-.013	0	%100
74	RRU10	Y	-.013	-.013	0	%100
75	RRU8	Y	-.013	-.013	0	%100
76	RRU7	Y	-.013	-.013	0	%100
77	RRU5	Y	-.013	-.013	0	%100
78	RRU6	Y	-.013	-.013	0	%100
79	RRU3	Y	-.013	-.013	0	%100
80	RRU4	Y	-.013	-.013	0	%100
81	RRU1	Y	-.013	-.013	0	%100
82	RRU2	Y	-.013	-.013	0	%100
83	RRU11	Y	-.013	-.013	0	%100
84	RRU12	Y	-.013	-.013	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.006	-.006	0	%100
2	AHCP-2	X	-.006	-.006	0	%100
3	AHCP-3	X	-.006	-.006	0	%100
4	CP1-1	X	-.016	-.016	0	%100
5	CP1-2	X	-.009	-.009	0	%100
6	CP1-3	X	-.016	-.016	0	%100
7	CP2-1	X	-.016	-.016	0	%100
8	CP2-2	X	-.009	-.009	0	%100
9	CP2-3	X	-.016	-.016	0	%100
10	CP3-1	X	-.016	-.016	0	%100
11	CP3-2	X	-.009	-.009	0	%100
12	CP3-3	X	-.016	-.016	0	%100
13	FF1-BH	X	-.006	-.006	0	%100
14	FF2-BH	X	-.004	-.004	0	%100
15	FF3-BH	X	-.004	-.004	0	%100
16	GS-1	X	-.006	-.006	0	%100
17	GS-2	X	-.005	-.005	0	%100
18	GS-3	X	-.005	-.005	0	%100
19	GS-4	X	-.005	-.005	0	%100
20	GS-5	X	-.005	-.005	0	%100
21	GS-6	X	-.006	-.006	0	%100
22	INT1P1	X	-.012	-.012	0	%100
23	INT1P2	X	-.016	-.016	0	%100
24	INT1P3	X	-.012	-.012	0	%100
25	INT1P4	X	-.016	-.016	0	%100
26	INT2P1	X	-.012	-.012	0	%100
27	INT2P2	X	-.016	-.016	0	%100
28	INT2P3	X	-.012	-.012	0	%100
29	INT2P4	X	-.016	-.016	0	%100
30	INT3P1	X	-.012	-.012	0	%100
31	INT3P2	X	-.016	-.016	0	%100
32	INT3P3	X	-.012	-.012	0	%100
33	INT3P4	X	-.016	-.016	0	%100
34	MP-1	X	-.004	-.004	0	%100
35	MP-2	X	-.004	-.004	0	%100
36	MP-3	X	-.004	-.004	0	%100
37	MP-4	X	-.004	-.004	0	%100
38	MP-5	X	-.004	-.004	0	%100
39	MP-6	X	-.004	-.004	0	%100
40	MP-7	X	-.004	-.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
41	MP-8	X	-.004	-.004	0	%100
42	MP-9	X	-.004	-.004	0	%100
43	MP-10	X	-.004	-.004	0	%100
44	MP-11	X	-.004	-.004	0	%100
45	MP-12	X	-.004	-.004	0	%100
46	MP-15	X	-.004	-.004	0	%100
47	MP-17	X	-.004	-.004	0	%100
48	MP-13	X	-.004	-.004	0	%100
49	INT-1A	X	-.006	-.006	0	%100
50	INT-1B	X	-.006	-.006	0	%100
51	INT-2A	X	-.007	-.007	0	%100
52	INT-2B	X	-.007	-.007	0	%100
53	INT-3A	X	-.006	-.006	0	%100
54	INT-3B	X	-.006	-.006	0	%100
55	SA1	X	-.007	-.007	0	%100
56	SA2	X	-.006	-.006	0	%100
57	SA3	X	-.007	-.007	0	%100
58	SR-1	X	-.005	-.005	0	%100
59	SR-2	X	-.004	-.004	0	%100
60	SR-3	X	-.004	-.004	0	%100
61	CB-1	X	-.003	-.003	0	%100
62	CB-2	X	-.003	-.003	0	%100
63	CB-3	X	-.003	-.003	0	%100
64	VSK1	X	-.003	-.003	0	%100
65	VSK2	X	-.003	-.003	0	%100
66	VSK3	X	-.003	-.003	0	%100
67	VSK4	X	-.003	-.003	0	%100
68	VSK5	X	-.003	-.003	0	%100
69	VSK6	X	-.003	-.003	0	%100
70	MP-18	X	-.004	-.004	0	%100
71	MP-14	X	-.004	-.004	0	%100
72	MP-16	X	-.004	-.004	0	%100
73	RRU9	X	-.007	-.007	0	%100
74	RRU10	X	-.007	-.007	0	%100
75	RRU8	X	-.007	-.007	0	%100
76	RRU7	X	-.007	-.007	0	%100
77	RRU5	X	-.007	-.007	0	%100
78	RRU6	X	-.007	-.007	0	%100
79	RRU3	X	-.007	-.007	0	%100
80	RRU4	X	-.007	-.007	0	%100
81	RRU1	X	-.007	-.007	0	%100
82	RRU2	X	-.007	-.007	0	%100
83	RRU11	X	-.007	-.007	0	%100
84	RRU12	X	-.007	-.007	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.004	-.004	0	%100
2	AHCP-2	X	-.004	-.004	0	%100
3	AHCP-3	X	0	0	0	%100
4	CP1-1	X	-.012	-.012	0	%100
5	CP1-2	X	-.007	-.007	0	%100
6	CP1-3	X	0	0	0	%100
7	CP2-1	X	0	0	0	%100
8	CP2-2	X	-.007	-.007	0	%100
9	CP2-3	X	-.012	-.012	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
10	CP3-1	X	-.012	-.012	0	%100
11	CP3-2	X	0	0	0	%100
12	CP3-3	X	-.012	-.012	0	%100
13	FF1-BH	X	-.004	-.004	0	%100
14	FF2-BH	X	0	0	0	%100
15	FF3-BH	X	-.003	-.003	0	%100
16	GS-1	X	-.004	-.004	0	%100
17	GS-2	X	-.000306	-.000306	0	%100
18	GS-3	X	-.000318	-.000318	0	%100
19	GS-4	X	-.004	-.004	0	%100
20	GS-5	X	-.004	-.004	0	%100
21	GS-6	X	-.004	-.004	0	%100
22	INT1P1	X	-.005	-.005	0	%100
23	INT1P2	X	-.012	-.012	0	%100
24	INT1P3	X	-.005	-.005	0	%100
25	INT1P4	X	0	0	0	%100
26	INT2P1	X	-.005	-.005	0	%100
27	INT2P2	X	0	0	0	%100
28	INT2P3	X	-.005	-.005	0	%100
29	INT2P4	X	-.012	-.012	0	%100
30	INT3P1	X	-.011	-.011	0	%100
31	INT3P2	X	-.012	-.012	0	%100
32	INT3P3	X	-.011	-.011	0	%100
33	INT3P4	X	-.012	-.012	0	%100
34	MP-1	X	-.004	-.004	0	%100
35	MP-2	X	-.004	-.004	0	%100
36	MP-3	X	-.004	-.004	0	%100
37	MP-4	X	-.004	-.004	0	%100
38	MP-5	X	-.004	-.004	0	%100
39	MP-6	X	-.004	-.004	0	%100
40	MP-7	X	-.004	-.004	0	%100
41	MP-8	X	-.004	-.004	0	%100
42	MP-9	X	-.004	-.004	0	%100
43	MP-10	X	-.004	-.004	0	%100
44	MP-11	X	-.004	-.004	0	%100
45	MP-12	X	-.004	-.004	0	%100
46	MP-15	X	-.003	-.003	0	%100
47	MP-17	X	-.003	-.003	0	%100
48	MP-13	X	-.003	-.003	0	%100
49	INT-1A	X	-.005	-.005	0	%100
50	INT-1B	X	-.005	-.005	0	%100
51	INT-2A	X	-.005	-.005	0	%100
52	INT-2B	X	-.005	-.005	0	%100
53	INT-3A	X	0	0	0	%100
54	INT-3B	X	0	0	0	%100
55	SA1	X	-.003	-.003	0	%100
56	SA2	X	-.003	-.003	0	%100
57	SA3	X	-.006	-.006	0	%100
58	SR-1	X	-.004	-.004	0	%100
59	SR-2	X	0	0	0	%100
60	SR-3	X	-.003	-.003	0	%100
61	CB-1	X	-.002	-.002	0	%100
62	CB-2	X	-.002	-.002	0	%100
63	CB-3	X	-.002	-.002	0	%100
64	VSK1	X	-.003	-.003	0	%100
65	VSK2	X	-.003	-.003	0	%100
66	VSK3	X	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
67	VSK4	X	-.003	-.003	0	%100
68	VSK5	X	-.003	-.003	0	%100
69	VSK6	X	-.003	-.003	0	%100
70	MP-18	X	-.003	-.003	0	%100
71	MP-14	X	-.003	-.003	0	%100
72	MP-16	X	-.003	-.003	0	%100
73	RRU9	X	-.005	-.005	0	%100
74	RRU10	X	-.005	-.005	0	%100
75	RRU8	X	-.005	-.005	0	%100
76	RRU7	X	-.005	-.005	0	%100
77	RRU5	X	-.005	-.005	0	%100
78	RRU6	X	-.005	-.005	0	%100
79	RRU3	X	-.005	-.005	0	%100
80	RRU4	X	-.005	-.005	0	%100
81	RRU1	X	0	0	0	%100
82	RRU2	X	0	0	0	%100
83	RRU11	X	0	0	0	%100
84	RRU12	X	0	0	0	%100
85	AHCP-1	Z	-.003	-.003	0	%100
86	AHCP-2	Z	-.002	-.002	0	%100
87	AHCP-3	Z	0	0	0	%100
88	CP1-1	Z	-.006	-.006	0	%100
89	CP1-2	Z	-.004	-.004	0	%100
90	CP1-3	Z	0	0	0	%100
91	CP2-1	Z	0	0	0	%100
92	CP2-2	Z	-.003	-.003	0	%100
93	CP2-3	Z	-.007	-.007	0	%100
94	CP3-1	Z	-.007	-.007	0	%100
95	CP3-2	Z	0	0	0	%100
96	CP3-3	Z	-.006	-.006	0	%100
97	FF1-BH	Z	-.002	-.002	0	%100
98	FF2-BH	Z	0	0	0	%100
99	FF3-BH	Z	-.002	-.002	0	%100
100	GS-1	Z	-.002	-.002	0	%100
101	GS-2	Z	-.0002	-.0002	0	%100
102	GS-3	Z	-.000197	-.000197	0	%100
103	GS-4	Z	-.002	-.002	0	%100
104	GS-5	Z	-.002	-.002	0	%100
105	GS-6	Z	-.002	-.002	0	%100
106	INT1P1	Z	-.003	-.003	0	%100
107	INT1P2	Z	-.006	-.006	0	%100
108	INT1P3	Z	-.003	-.003	0	%100
109	INT1P4	Z	0	0	0	%100
110	INT2P1	Z	-.003	-.003	0	%100
111	INT2P2	Z	0	0	0	%100
112	INT2P3	Z	-.003	-.003	0	%100
113	INT2P4	Z	-.007	-.007	0	%100
114	INT3P1	Z	-.006	-.006	0	%100
115	INT3P2	Z	-.007	-.007	0	%100
116	INT3P3	Z	-.006	-.006	0	%100
117	INT3P4	Z	-.006	-.006	0	%100
118	MP-1	Z	-.002	-.002	0	%100
119	MP-2	Z	-.002	-.002	0	%100
120	MP-3	Z	-.002	-.002	0	%100
121	MP-4	Z	-.002	-.002	0	%100
122	MP-5	Z	-.002	-.002	0	%100
123	MP-6	Z	-.002	-.002	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
124	MP-7	Z	-.002	-.002	0	%100
125	MP-8	Z	-.002	-.002	0	%100
126	MP-9	Z	-.002	-.002	0	%100
127	MP-10	Z	-.002	-.002	0	%100
128	MP-11	Z	-.002	-.002	0	%100
129	MP-12	Z	-.002	-.002	0	%100
130	MP-15	Z	-.002	-.002	0	%100
131	MP-17	Z	-.002	-.002	0	%100
132	MP-13	Z	-.002	-.002	0	%100
133	INT-1A	Z	-.003	-.003	0	%100
134	INT-1B	Z	-.003	-.003	0	%100
135	INT-2A	Z	-.003	-.003	0	%100
136	INT-2B	Z	-.003	-.003	0	%100
137	INT-3A	Z	0	0	0	%100
138	INT-3B	Z	0	0	0	%100
139	SA1	Z	-.002	-.002	0	%100
140	SA2	Z	-.002	-.002	0	%100
141	SA3	Z	-.003	-.003	0	%100
142	SR-1	Z	-.002	-.002	0	%100
143	SR-2	Z	0	0	0	%100
144	SR-3	Z	-.002	-.002	0	%100
145	CB-1	Z	-.001	-.001	0	%100
146	CB-2	Z	-.001	-.001	0	%100
147	CB-3	Z	-.001	-.001	0	%100
148	VSK1	Z	-.002	-.002	0	%100
149	VSK2	Z	-.002	-.002	0	%100
150	VSK3	Z	-.002	-.002	0	%100
151	VSK4	Z	-.002	-.002	0	%100
152	VSK5	Z	-.002	-.002	0	%100
153	VSK6	Z	-.002	-.002	0	%100
154	MP-18	Z	-.002	-.002	0	%100
155	MP-14	Z	-.002	-.002	0	%100
156	MP-16	Z	-.002	-.002	0	%100
157	RRU9	Z	-.003	-.003	0	%100
158	RRU10	Z	-.003	-.003	0	%100
159	RRU8	Z	-.003	-.003	0	%100
160	RRU7	Z	-.003	-.003	0	%100
161	RRU5	Z	-.003	-.003	0	%100
162	RRU6	Z	-.003	-.003	0	%100
163	RRU3	Z	-.003	-.003	0	%100
164	RRU4	Z	-.003	-.003	0	%100
165	RRU1	Z	0	0	0	%100
166	RRU2	Z	0	0	0	%100
167	RRU11	Z	0	0	0	%100
168	RRU12	Z	0	0	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.004	-.004	0	%100
2	AHCP-2	X	-.003	-.003	0	%100
3	AHCP-3	X	-.001	-.001	0	%100
4	CP1-1	X	-.008	-.008	0	%100
5	CP1-2	X	-.006	-.006	0	%100
6	CP1-3	X	-.003	-.003	0	%100
7	CP2-1	X	-.003	-.003	0	%100
8	CP2-2	X	-.004	-.004	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
9	CP2-3	X	-.011	-.011	0	%100
10	CP3-1	X	-.011	-.011	0	%100
11	CP3-2	X	-.002	-.002	0	%100
12	CP3-3	X	-.008	-.008	0	%100
13	FF1-BH	X	-.003	-.003	0	%100
14	FF2-BH	X	-.000784	-.000784	0	%100
15	FF3-BH	X	-.003	-.003	0	%100
16	GS-1	X	-.003	-.003	0	%100
17	GS-2	X	-.001	-.001	0	%100
18	GS-3	X	-.00068	-.00068	0	%100
19	GS-4	X	-.004	-.004	0	%100
20	GS-5	X	-.003	-.003	0	%100
21	GS-6	X	-.003	-.003	0	%100
22	INT1P1	X	-.002	-.002	0	%100
23	INT1P2	X	-.008	-.008	0	%100
24	INT1P3	X	-.002	-.002	0	%100
25	INT1P4	X	-.003	-.003	0	%100
26	INT2P1	X	-.006	-.006	0	%100
27	INT2P2	X	-.003	-.003	0	%100
28	INT2P3	X	-.006	-.006	0	%100
29	INT2P4	X	-.011	-.011	0	%100
30	INT3P1	X	-.008	-.008	0	%100
31	INT3P2	X	-.011	-.011	0	%100
32	INT3P3	X	-.008	-.008	0	%100
33	INT3P4	X	-.008	-.008	0	%100
34	MP-1	X	-.003	-.003	0	%100
35	MP-2	X	-.003	-.003	0	%100
36	MP-3	X	-.003	-.003	0	%100
37	MP-4	X	-.003	-.003	0	%100
38	MP-5	X	-.003	-.003	0	%100
39	MP-6	X	-.003	-.003	0	%100
40	MP-7	X	-.003	-.003	0	%100
41	MP-8	X	-.003	-.003	0	%100
42	MP-9	X	-.003	-.003	0	%100
43	MP-10	X	-.003	-.003	0	%100
44	MP-11	X	-.003	-.003	0	%100
45	MP-12	X	-.003	-.003	0	%100
46	MP-15	X	-.003	-.003	0	%100
47	MP-17	X	-.003	-.003	0	%100
48	MP-13	X	-.003	-.003	0	%100
49	INT-1A	X	-.004	-.004	0	%100
50	INT-1B	X	-.004	-.004	0	%100
51	INT-2A	X	-.003	-.003	0	%100
52	INT-2B	X	-.003	-.003	0	%100
53	INT-3A	X	-.001	-.001	0	%100
54	INT-3B	X	-.001	-.001	0	%100
55	SA1	X	-.001	-.001	0	%100
56	SA2	X	-.003	-.003	0	%100
57	SA3	X	-.005	-.005	0	%100
58	SR-1	X	-.003	-.003	0	%100
59	SR-2	X	-.000736	-.000736	0	%100
60	SR-3	X	-.003	-.003	0	%100
61	CB-1	X	-.002	-.002	0	%100
62	CB-2	X	-.002	-.002	0	%100
63	CB-3	X	-.002	-.002	0	%100
64	VSK1	X	-.002	-.002	0	%100
65	VSK2	X	-.002	-.002	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
66	VSK3	X	-.002	-.002	0	%100
67	VSK4	X	-.002	-.002	0	%100
68	VSK5	X	-.002	-.002	0	%100
69	VSK6	X	-.002	-.002	0	%100
70	MP-18	X	-.003	-.003	0	%100
71	MP-14	X	-.003	-.003	0	%100
72	MP-16	X	-.003	-.003	0	%100
73	RRU9	X	-.003	-.003	0	%100
74	RRU10	X	-.003	-.003	0	%100
75	RRU8	X	-.003	-.003	0	%100
76	RRU7	X	-.003	-.003	0	%100
77	RRU5	X	-.005	-.005	0	%100
78	RRU6	X	-.005	-.005	0	%100
79	RRU3	X	-.005	-.005	0	%100
80	RRU4	X	-.005	-.005	0	%100
81	RRU1	X	-.001	-.001	0	%100
82	RRU2	X	-.001	-.001	0	%100
83	RRU11	X	-.001	-.001	0	%100
84	RRU12	X	-.001	-.001	0	%100
85	AHCP-1	Z	-.004	-.004	0	%100
86	AHCP-2	Z	-.003	-.003	0	%100
87	AHCP-3	Z	-.001	-.001	0	%100
88	CP1-1	Z	-.007	-.007	0	%100
89	CP1-2	Z	-.006	-.006	0	%100
90	CP1-3	Z	-.003	-.003	0	%100
91	CP2-1	Z	-.003	-.003	0	%100
92	CP2-2	Z	-.004	-.004	0	%100
93	CP2-3	Z	-.011	-.011	0	%100
94	CP3-1	Z	-.011	-.011	0	%100
95	CP3-2	Z	-.002	-.002	0	%100
96	CP3-3	Z	-.007	-.007	0	%100
97	FF1-BH	Z	-.002	-.002	0	%100
98	FF2-BH	Z	-.000954	-.000954	0	%100
99	FF3-BH	Z	-.004	-.004	0	%100
100	GS-1	Z	-.002	-.002	0	%100
101	GS-2	Z	-.001	-.001	0	%100
102	GS-3	Z	-.000728	-.000728	0	%100
103	GS-4	Z	-.004	-.004	0	%100
104	GS-5	Z	-.004	-.004	0	%100
105	GS-6	Z	-.002	-.002	0	%100
106	INT1P1	Z	-.002	-.002	0	%100
107	INT1P2	Z	-.007	-.007	0	%100
108	INT1P3	Z	-.002	-.002	0	%100
109	INT1P4	Z	-.003	-.003	0	%100
110	INT2P1	Z	-.006	-.006	0	%100
111	INT2P2	Z	-.003	-.003	0	%100
112	INT2P3	Z	-.006	-.006	0	%100
113	INT2P4	Z	-.011	-.011	0	%100
114	INT3P1	Z	-.008	-.008	0	%100
115	INT3P2	Z	-.011	-.011	0	%100
116	INT3P3	Z	-.008	-.008	0	%100
117	INT3P4	Z	-.007	-.007	0	%100
118	MP-1	Z	-.003	-.003	0	%100
119	MP-2	Z	-.003	-.003	0	%100
120	MP-3	Z	-.003	-.003	0	%100
121	MP-4	Z	-.003	-.003	0	%100
122	MP-5	Z	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
123	MP-6	Z	-.003	-.003	0	%100
124	MP-7	Z	-.003	-.003	0	%100
125	MP-8	Z	-.003	-.003	0	%100
126	MP-9	Z	-.003	-.003	0	%100
127	MP-10	Z	-.003	-.003	0	%100
128	MP-11	Z	-.003	-.003	0	%100
129	MP-12	Z	-.003	-.003	0	%100
130	MP-15	Z	-.003	-.003	0	%100
131	MP-17	Z	-.003	-.003	0	%100
132	MP-13	Z	-.003	-.003	0	%100
133	INT-1A	Z	-.005	-.005	0	%100
134	INT-1B	Z	-.005	-.005	0	%100
135	INT-2A	Z	-.003	-.003	0	%100
136	INT-2B	Z	-.003	-.003	0	%100
137	INT-3A	Z	-.001	-.001	0	%100
138	INT-3B	Z	-.001	-.001	0	%100
139	SA1	Z	-.001	-.001	0	%100
140	SA2	Z	-.004	-.004	0	%100
141	SA3	Z	-.005	-.005	0	%100
142	SR-1	Z	-.002	-.002	0	%100
143	SR-2	Z	-.000905	-.000905	0	%100
144	SR-3	Z	-.003	-.003	0	%100
145	CB-1	Z	-.002	-.002	0	%100
146	CB-2	Z	-.002	-.002	0	%100
147	CB-3	Z	-.002	-.002	0	%100
148	VSK1	Z	-.003	-.003	0	%100
149	VSK2	Z	-.003	-.003	0	%100
150	VSK3	Z	-.003	-.003	0	%100
151	VSK4	Z	-.003	-.003	0	%100
152	VSK5	Z	-.003	-.003	0	%100
153	VSK6	Z	-.003	-.003	0	%100
154	MP-18	Z	-.003	-.003	0	%100
155	MP-14	Z	-.003	-.003	0	%100
156	MP-16	Z	-.003	-.003	0	%100
157	RRU9	Z	-.003	-.003	0	%100
158	RRU10	Z	-.003	-.003	0	%100
159	RRU8	Z	-.003	-.003	0	%100
160	RRU7	Z	-.003	-.003	0	%100
161	RRU5	Z	-.005	-.005	0	%100
162	RRU6	Z	-.005	-.005	0	%100
163	RRU3	Z	-.005	-.005	0	%100
164	RRU4	Z	-.005	-.005	0	%100
165	RRU1	Z	-.001	-.001	0	%100
166	RRU2	Z	-.001	-.001	0	%100
167	RRU11	Z	-.001	-.001	0	%100
168	RRU12	Z	-.001	-.001	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	-.003	-.003	0	%100
2	AHCP-2	X	-.001	-.001	0	%100
3	AHCP-3	X	-.001	-.001	0	%100
4	CP1-1	X	-.004	-.004	0	%100
5	CP1-2	X	-.004	-.004	0	%100
6	CP1-3	X	-.004	-.004	0	%100
7	CP2-1	X	-.004	-.004	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
8	CP2-2	X	-.002	-.002	0	%100
9	CP2-3	X	-.008	-.008	0	%100
10	CP3-1	X	-.008	-.008	0	%100
11	CP3-2	X	-.002	-.002	0	%100
12	CP3-3	X	-.004	-.004	0	%100
13	FF1-BH	X	-.001	-.001	0	%100
14	FF2-BH	X	-.001	-.001	0	%100
15	FF3-BH	X	-.002	-.002	0	%100
16	GS-1	X	-.002	-.002	0	%100
17	GS-2	X	-.001	-.001	0	%100
18	GS-3	X	-.001	-.001	0	%100
19	GS-4	X	-.003	-.003	0	%100
20	GS-5	X	-.002	-.002	0	%100
21	GS-6	X	-.001	-.001	0	%100
22	INT1P1	X	0	0	0	%100
23	INT1P2	X	-.004	-.004	0	%100
24	INT1P3	X	0	0	0	%100
25	INT1P4	X	-.004	-.004	0	%100
26	INT2P1	X	-.005	-.005	0	%100
27	INT2P2	X	-.004	-.004	0	%100
28	INT2P3	X	-.005	-.005	0	%100
29	INT2P4	X	-.008	-.008	0	%100
30	INT3P1	X	-.005	-.005	0	%100
31	INT3P2	X	-.008	-.008	0	%100
32	INT3P3	X	-.005	-.005	0	%100
33	INT3P4	X	-.004	-.004	0	%100
34	MP-1	X	-.002	-.002	0	%100
35	MP-2	X	-.002	-.002	0	%100
36	MP-3	X	-.002	-.002	0	%100
37	MP-4	X	-.002	-.002	0	%100
38	MP-5	X	-.002	-.002	0	%100
39	MP-6	X	-.002	-.002	0	%100
40	MP-7	X	-.002	-.002	0	%100
41	MP-8	X	-.002	-.002	0	%100
42	MP-9	X	-.002	-.002	0	%100
43	MP-10	X	-.002	-.002	0	%100
44	MP-11	X	-.002	-.002	0	%100
45	MP-12	X	-.002	-.002	0	%100
46	MP-15	X	-.002	-.002	0	%100
47	MP-17	X	-.002	-.002	0	%100
48	MP-13	X	-.002	-.002	0	%100
49	INT-1A	X	-.003	-.003	0	%100
50	INT-1B	X	-.003	-.003	0	%100
51	INT-2A	X	-.002	-.002	0	%100
52	INT-2B	X	-.002	-.002	0	%100
53	INT-3A	X	-.002	-.002	0	%100
54	INT-3B	X	-.002	-.002	0	%100
55	SA1	X	0	0	0	%100
56	SA2	X	-.003	-.003	0	%100
57	SA3	X	-.003	-.003	0	%100
58	SR-1	X	-.001	-.001	0	%100
59	SR-2	X	-.001	-.001	0	%100
60	SR-3	X	-.002	-.002	0	%100
61	CB-1	X	-.001	-.001	0	%100
62	CB-2	X	-.001	-.001	0	%100
63	CB-3	X	-.001	-.001	0	%100
64	VSK1	X	-.002	-.002	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
65	VSK2	X	-.002	-.002	0	%100
66	VSK3	X	-.002	-.002	0	%100
67	VSK4	X	-.002	-.002	0	%100
68	VSK5	X	-.002	-.002	0	%100
69	VSK6	X	-.002	-.002	0	%100
70	MP-18	X	-.002	-.002	0	%100
71	MP-14	X	-.002	-.002	0	%100
72	MP-16	X	-.002	-.002	0	%100
73	RRU9	X	-.002	-.002	0	%100
74	RRU10	X	-.002	-.002	0	%100
75	RRU8	X	-.002	-.002	0	%100
76	RRU7	X	-.002	-.002	0	%100
77	RRU5	X	-.003	-.003	0	%100
78	RRU6	X	-.003	-.003	0	%100
79	RRU3	X	-.003	-.003	0	%100
80	RRU4	X	-.003	-.003	0	%100
81	RRU1	X	-.002	-.002	0	%100
82	RRU2	X	-.002	-.002	0	%100
83	RRU11	X	-.002	-.002	0	%100
84	RRU12	X	-.002	-.002	0	%100
85	AHCP-1	Z	-.005	-.005	0	%100
86	AHCP-2	Z	-.002	-.002	0	%100
87	AHCP-3	Z	-.003	-.003	0	%100
88	CP1-1	Z	-.006	-.006	0	%100
89	CP1-2	Z	-.008	-.008	0	%100
90	CP1-3	Z	-.007	-.007	0	%100
91	CP2-1	Z	-.007	-.007	0	%100
92	CP2-2	Z	-.003	-.003	0	%100
93	CP2-3	Z	-.014	-.014	0	%100
94	CP3-1	Z	-.014	-.014	0	%100
95	CP3-2	Z	-.004	-.004	0	%100
96	CP3-3	Z	-.006	-.006	0	%100
97	FF1-BH	Z	-.002	-.002	0	%100
98	FF2-BH	Z	-.002	-.002	0	%100
99	FF3-BH	Z	-.005	-.005	0	%100
100	GS-1	Z	-.002	-.002	0	%100
101	GS-2	Z	-.003	-.003	0	%100
102	GS-3	Z	-.002	-.002	0	%100
103	GS-4	Z	-.005	-.005	0	%100
104	GS-5	Z	-.005	-.005	0	%100
105	GS-6	Z	-.002	-.002	0	%100
106	INT1P1	Z	0	0	0	%100
107	INT1P2	Z	-.006	-.006	0	%100
108	INT1P3	Z	0	0	0	%100
109	INT1P4	Z	-.007	-.007	0	%100
110	INT2P1	Z	-.009	-.009	0	%100
111	INT2P2	Z	-.007	-.007	0	%100
112	INT2P3	Z	-.009	-.009	0	%100
113	INT2P4	Z	-.014	-.014	0	%100
114	INT3P1	Z	-.009	-.009	0	%100
115	INT3P2	Z	-.014	-.014	0	%100
116	INT3P3	Z	-.009	-.009	0	%100
117	INT3P4	Z	-.006	-.006	0	%100
118	MP-1	Z	-.004	-.004	0	%100
119	MP-2	Z	-.004	-.004	0	%100
120	MP-3	Z	-.004	-.004	0	%100
121	MP-4	Z	-.004	-.004	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
122	MP-5	Z	-.004	-.004	0	%100
123	MP-6	Z	-.004	-.004	0	%100
124	MP-7	Z	-.004	-.004	0	%100
125	MP-8	Z	-.004	-.004	0	%100
126	MP-9	Z	-.004	-.004	0	%100
127	MP-10	Z	-.004	-.004	0	%100
128	MP-11	Z	-.004	-.004	0	%100
129	MP-12	Z	-.004	-.004	0	%100
130	MP-15	Z	-.003	-.003	0	%100
131	MP-17	Z	-.003	-.003	0	%100
132	MP-13	Z	-.003	-.003	0	%100
133	INT-1A	Z	-.006	-.006	0	%100
134	INT-1B	Z	-.006	-.006	0	%100
135	INT-2A	Z	-.003	-.003	0	%100
136	INT-2B	Z	-.003	-.003	0	%100
137	INT-3A	Z	-.003	-.003	0	%100
138	INT-3B	Z	-.003	-.003	0	%100
139	SA1	Z	0	0	0	%100
140	SA2	Z	-.006	-.006	0	%100
141	SA3	Z	-.005	-.005	0	%100
142	SR-1	Z	-.002	-.002	0	%100
143	SR-2	Z	-.002	-.002	0	%100
144	SR-3	Z	-.004	-.004	0	%100
145	CB-1	Z	-.003	-.003	0	%100
146	CB-2	Z	-.003	-.003	0	%100
147	CB-3	Z	-.003	-.003	0	%100
148	VSK1	Z	-.003	-.003	0	%100
149	VSK2	Z	-.003	-.003	0	%100
150	VSK3	Z	-.003	-.003	0	%100
151	VSK4	Z	-.003	-.003	0	%100
152	VSK5	Z	-.003	-.003	0	%100
153	VSK6	Z	-.003	-.003	0	%100
154	MP-18	Z	-.003	-.003	0	%100
155	MP-14	Z	-.003	-.003	0	%100
156	MP-16	Z	-.003	-.003	0	%100
157	RRU9	Z	-.003	-.003	0	%100
158	RRU10	Z	-.003	-.003	0	%100
159	RRU8	Z	-.003	-.003	0	%100
160	RRU7	Z	-.003	-.003	0	%100
161	RRU5	Z	-.006	-.006	0	%100
162	RRU6	Z	-.006	-.006	0	%100
163	RRU3	Z	-.006	-.006	0	%100
164	RRU4	Z	-.006	-.006	0	%100
165	RRU1	Z	-.003	-.003	0	%100
166	RRU2	Z	-.003	-.003	0	%100
167	RRU11	Z	-.003	-.003	0	%100
168	RRU12	Z	-.003	-.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	Z	-.005	-.005	0	%100
2	AHCP-2	Z	0	0	0	%100
3	AHCP-3	Z	-.005	-.005	0	%100
4	CP1-1	Z	0	0	0	%100
5	CP1-2	Z	-.008	-.008	0	%100
6	CP1-3	Z	-.014	-.014	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
7	CP2-1	Z	-.014	-.014	0	%100
8	CP2-2	Z	0	0	0	%100
9	CP2-3	Z	-.014	-.014	0	%100
10	CP3-1	Z	-.014	-.014	0	%100
11	CP3-2	Z	-.008	-.008	0	%100
12	CP3-3	Z	0	0	0	%100
13	FF1-BH	Z	0	0	0	%100
14	FF2-BH	Z	-.005	-.005	0	%100
15	FF3-BH	Z	-.005	-.005	0	%100
16	GS-1	Z	-.000329	-.000329	0	%100
17	GS-2	Z	-.005	-.005	0	%100
18	GS-3	Z	-.005	-.005	0	%100
19	GS-4	Z	-.005	-.005	0	%100
20	GS-5	Z	-.005	-.005	0	%100
21	GS-6	Z	-.000329	-.000329	0	%100
22	INT1P1	Z	-.006	-.006	0	%100
23	INT1P2	Z	0	0	0	%100
24	INT1P3	Z	-.006	-.006	0	%100
25	INT1P4	Z	-.014	-.014	0	%100
26	INT2P1	Z	-.012	-.012	0	%100
27	INT2P2	Z	-.014	-.014	0	%100
28	INT2P3	Z	-.012	-.012	0	%100
29	INT2P4	Z	-.014	-.014	0	%100
30	INT3P1	Z	-.006	-.006	0	%100
31	INT3P2	Z	-.014	-.014	0	%100
32	INT3P3	Z	-.006	-.006	0	%100
33	INT3P4	Z	0	0	0	%100
34	MP-1	Z	-.005	-.005	0	%100
35	MP-2	Z	-.005	-.005	0	%100
36	MP-3	Z	-.005	-.005	0	%100
37	MP-4	Z	-.005	-.005	0	%100
38	MP-5	Z	-.005	-.005	0	%100
39	MP-6	Z	-.005	-.005	0	%100
40	MP-7	Z	-.005	-.005	0	%100
41	MP-8	Z	-.005	-.005	0	%100
42	MP-9	Z	-.005	-.005	0	%100
43	MP-10	Z	-.005	-.005	0	%100
44	MP-11	Z	-.005	-.005	0	%100
45	MP-12	Z	-.005	-.005	0	%100
46	MP-15	Z	-.004	-.004	0	%100
47	MP-17	Z	-.004	-.004	0	%100
48	MP-13	Z	-.004	-.004	0	%100
49	INT-1A	Z	-.006	-.006	0	%100
50	INT-1B	Z	-.006	-.006	0	%100
51	INT-2A	Z	0	0	0	%100
52	INT-2B	Z	0	0	0	%100
53	INT-3A	Z	-.006	-.006	0	%100
54	INT-3B	Z	-.006	-.006	0	%100
55	SA1	Z	-.003	-.003	0	%100
56	SA2	Z	-.008	-.008	0	%100
57	SA3	Z	-.003	-.003	0	%100
58	SR-1	Z	0	0	0	%100
59	SR-2	Z	-.004	-.004	0	%100
60	SR-3	Z	-.004	-.004	0	%100
61	CB-1	Z	-.003	-.003	0	%100
62	CB-2	Z	-.003	-.003	0	%100
63	CB-3	Z	-.003	-.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
64	VSK1	Z	-.004	-.004	0	%100
65	VSK2	Z	-.004	-.004	0	%100
66	VSK3	Z	-.004	-.004	0	%100
67	VSK4	Z	-.004	-.004	0	%100
68	VSK5	Z	-.004	-.004	0	%100
69	VSK6	Z	-.004	-.004	0	%100
70	MP-18	Z	-.004	-.004	0	%100
71	MP-14	Z	-.004	-.004	0	%100
72	MP-16	Z	-.004	-.004	0	%100
73	RRU9	Z	0	0	0	%100
74	RRU10	Z	0	0	0	%100
75	RRU8	Z	0	0	0	%100
76	RRU7	Z	0	0	0	%100
77	RRU5	Z	-.006	-.006	0	%100
78	RRU6	Z	-.006	-.006	0	%100
79	RRU3	Z	-.006	-.006	0	%100
80	RRU4	Z	-.006	-.006	0	%100
81	RRU1	Z	-.006	-.006	0	%100
82	RRU2	Z	-.006	-.006	0	%100
83	RRU11	Z	-.006	-.006	0	%100
84	RRU12	Z	-.006	-.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	.001	.001	0	%100
2	AHCP-2	X	.001	.001	0	%100
3	AHCP-3	X	.003	.003	0	%100
4	CP1-1	X	.004	.004	0	%100
5	CP1-2	X	.002	.002	0	%100
6	CP1-3	X	.008	.008	0	%100
7	CP2-1	X	.008	.008	0	%100
8	CP2-2	X	.002	.002	0	%100
9	CP2-3	X	.004	.004	0	%100
10	CP3-1	X	.004	.004	0	%100
11	CP3-2	X	.004	.004	0	%100
12	CP3-3	X	.004	.004	0	%100
13	FF1-BH	X	.001	.001	0	%100
14	FF2-BH	X	.002	.002	0	%100
15	FF3-BH	X	.001	.001	0	%100
16	GS-1	X	.001	.001	0	%100
17	GS-2	X	.002	.002	0	%100
18	GS-3	X	.003	.003	0	%100
19	GS-4	X	.001	.001	0	%100
20	GS-5	X	.001	.001	0	%100
21	GS-6	X	.002	.002	0	%100
22	INT1P1	X	.005	.005	0	%100
23	INT1P2	X	.004	.004	0	%100
24	INT1P3	X	.005	.005	0	%100
25	INT1P4	X	.008	.008	0	%100
26	INT2P1	X	.005	.005	0	%100
27	INT2P2	X	.008	.008	0	%100
28	INT2P3	X	.005	.005	0	%100
29	INT2P4	X	.004	.004	0	%100
30	INT3P1	X	0	0	0	%100
31	INT3P2	X	.004	.004	0	%100
32	INT3P3	X	0	0	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
33	INT3P4	X	.004	.004	0	%100
34	MP-1	X	.002	.002	0	%100
35	MP-2	X	.002	.002	0	%100
36	MP-3	X	.002	.002	0	%100
37	MP-4	X	.002	.002	0	%100
38	MP-5	X	.002	.002	0	%100
39	MP-6	X	.002	.002	0	%100
40	MP-7	X	.002	.002	0	%100
41	MP-8	X	.002	.002	0	%100
42	MP-9	X	.002	.002	0	%100
43	MP-10	X	.002	.002	0	%100
44	MP-11	X	.002	.002	0	%100
45	MP-12	X	.002	.002	0	%100
46	MP-15	X	.002	.002	0	%100
47	MP-17	X	.002	.002	0	%100
48	MP-13	X	.002	.002	0	%100
49	INT-1A	X	.002	.002	0	%100
50	INT-1B	X	.002	.002	0	%100
51	INT-2A	X	.002	.002	0	%100
52	INT-2B	X	.002	.002	0	%100
53	INT-3A	X	.003	.003	0	%100
54	INT-3B	X	.003	.003	0	%100
55	SA1	X	.003	.003	0	%100
56	SA2	X	.003	.003	0	%100
57	SA3	X	0	0	0	%100
58	SR-1	X	.001	.001	0	%100
59	SR-2	X	.002	.002	0	%100
60	SR-3	X	.001	.001	0	%100
61	CB-1	X	.001	.001	0	%100
62	CB-2	X	.001	.001	0	%100
63	CB-3	X	.001	.001	0	%100
64	VSK1	X	.002	.002	0	%100
65	VSK2	X	.002	.002	0	%100
66	VSK3	X	.002	.002	0	%100
67	VSK4	X	.002	.002	0	%100
68	VSK5	X	.002	.002	0	%100
69	VSK6	X	.002	.002	0	%100
70	MP-18	X	.002	.002	0	%100
71	MP-14	X	.002	.002	0	%100
72	MP-16	X	.002	.002	0	%100
73	RRU9	X	.002	.002	0	%100
74	RRU10	X	.002	.002	0	%100
75	RRU8	X	.002	.002	0	%100
76	RRU7	X	.002	.002	0	%100
77	RRU5	X	.002	.002	0	%100
78	RRU6	X	.002	.002	0	%100
79	RRU3	X	.002	.002	0	%100
80	RRU4	X	.002	.002	0	%100
81	RRU1	X	.003	.003	0	%100
82	RRU2	X	.003	.003	0	%100
83	RRU11	X	.003	.003	0	%100
84	RRU12	X	.003	.003	0	%100
85	AHCP-1	Z	-.003	-.003	0	%100
86	AHCP-2	Z	-.002	-.002	0	%100
87	AHCP-3	Z	-.005	-.005	0	%100
88	CP1-1	Z	-.006	-.006	0	%100
89	CP1-2	Z	-.004	-.004	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
90	CP1-3	Z	-.014	-.014	0	%100
91	CP2-1	Z	-.014	-.014	0	%100
92	CP2-2	Z	-.003	-.003	0	%100
93	CP2-3	Z	-.007	-.007	0	%100
94	CP3-1	Z	-.007	-.007	0	%100
95	CP3-2	Z	-.008	-.008	0	%100
96	CP3-3	Z	-.006	-.006	0	%100
97	FF1-BH	Z	-.002	-.002	0	%100
98	FF2-BH	Z	-.005	-.005	0	%100
99	FF3-BH	Z	-.002	-.002	0	%100
100	GS-1	Z	-.002	-.002	0	%100
101	GS-2	Z	-.005	-.005	0	%100
102	GS-3	Z	-.005	-.005	0	%100
103	GS-4	Z	-.002	-.002	0	%100
104	GS-5	Z	-.003	-.003	0	%100
105	GS-6	Z	-.002	-.002	0	%100
106	INT1P1	Z	-.009	-.009	0	%100
107	INT1P2	Z	-.006	-.006	0	%100
108	INT1P3	Z	-.009	-.009	0	%100
109	INT1P4	Z	-.014	-.014	0	%100
110	INT2P1	Z	-.009	-.009	0	%100
111	INT2P2	Z	-.014	-.014	0	%100
112	INT2P3	Z	-.009	-.009	0	%100
113	INT2P4	Z	-.007	-.007	0	%100
114	INT3P1	Z	0	0	0	%100
115	INT3P2	Z	-.007	-.007	0	%100
116	INT3P3	Z	0	0	0	%100
117	INT3P4	Z	-.006	-.006	0	%100
118	MP-1	Z	-.004	-.004	0	%100
119	MP-2	Z	-.004	-.004	0	%100
120	MP-3	Z	-.004	-.004	0	%100
121	MP-4	Z	-.004	-.004	0	%100
122	MP-5	Z	-.004	-.004	0	%100
123	MP-6	Z	-.004	-.004	0	%100
124	MP-7	Z	-.004	-.004	0	%100
125	MP-8	Z	-.004	-.004	0	%100
126	MP-9	Z	-.004	-.004	0	%100
127	MP-10	Z	-.004	-.004	0	%100
128	MP-11	Z	-.004	-.004	0	%100
129	MP-12	Z	-.004	-.004	0	%100
130	MP-15	Z	-.003	-.003	0	%100
131	MP-17	Z	-.003	-.003	0	%100
132	MP-13	Z	-.003	-.003	0	%100
133	INT-1A	Z	-.003	-.003	0	%100
134	INT-1B	Z	-.003	-.003	0	%100
135	INT-2A	Z	-.003	-.003	0	%100
136	INT-2B	Z	-.003	-.003	0	%100
137	INT-3A	Z	-.006	-.006	0	%100
138	INT-3B	Z	-.006	-.006	0	%100
139	SA1	Z	-.005	-.005	0	%100
140	SA2	Z	-.006	-.006	0	%100
141	SA3	Z	0	0	0	%100
142	SR-1	Z	-.002	-.002	0	%100
143	SR-2	Z	-.004	-.004	0	%100
144	SR-3	Z	-.002	-.002	0	%100
145	CB-1	Z	-.003	-.003	0	%100
146	CB-2	Z	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
147	CB-3	Z	-.003	-.003	0	%100
148	VSK1	Z	-.003	-.003	0	%100
149	VSK2	Z	-.003	-.003	0	%100
150	VSK3	Z	-.003	-.003	0	%100
151	VSK4	Z	-.003	-.003	0	%100
152	VSK5	Z	-.003	-.003	0	%100
153	VSK6	Z	-.003	-.003	0	%100
154	MP-18	Z	-.003	-.003	0	%100
155	MP-14	Z	-.003	-.003	0	%100
156	MP-16	Z	-.003	-.003	0	%100
157	RRU9	Z	-.003	-.003	0	%100
158	RRU10	Z	-.003	-.003	0	%100
159	RRU8	Z	-.003	-.003	0	%100
160	RRU7	Z	-.003	-.003	0	%100
161	RRU5	Z	-.003	-.003	0	%100
162	RRU6	Z	-.003	-.003	0	%100
163	RRU3	Z	-.003	-.003	0	%100
164	RRU4	Z	-.003	-.003	0	%100
165	RRU1	Z	-.006	-.006	0	%100
166	RRU2	Z	-.006	-.006	0	%100
167	RRU11	Z	-.006	-.006	0	%100
168	RRU12	Z	-.006	-.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.001	.001	0	%100
2	AHCP-2	X	.003	.003	0	%100
3	AHCP-3	X	.004	.004	0	%100
4	CP1-1	X	.008	.008	0	%100
5	CP1-2	X	.002	.002	0	%100
6	CP1-3	X	.011	.011	0	%100
7	CP2-1	X	.011	.011	0	%100
8	CP2-2	X	.004	.004	0	%100
9	CP2-3	X	.003	.003	0	%100
10	CP3-1	X	.003	.003	0	%100
11	CP3-2	X	.006	.006	0	%100
12	CP3-3	X	.008	.008	0	%100
13	FF1-BH	X	.003	.003	0	%100
14	FF2-BH	X	.003	.003	0	%100
15	FF3-BH	X	.000784	.000784	0	%100
16	GS-1	X	.003	.003	0	%100
17	GS-2	X	.003	.003	0	%100
18	GS-3	X	.004	.004	0	%100
19	GS-4	X	.00068	.00068	0	%100
20	GS-5	X	.001	.001	0	%100
21	GS-6	X	.003	.003	0	%100
22	INT1P1	X	.008	.008	0	%100
23	INT1P2	X	.008	.008	0	%100
24	INT1P3	X	.008	.008	0	%100
25	INT1P4	X	.011	.011	0	%100
26	INT2P1	X	.006	.006	0	%100
27	INT2P2	X	.011	.011	0	%100
28	INT2P3	X	.006	.006	0	%100
29	INT2P4	X	.003	.003	0	%100
30	INT3P1	X	.002	.002	0	%100
31	INT3P2	X	.003	.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
32	INT3P3	X	.002	.002	0	%100
33	INT3P4	X	.008	.008	0	%100
34	MP-1	X	.003	.003	0	%100
35	MP-2	X	.003	.003	0	%100
36	MP-3	X	.003	.003	0	%100
37	MP-4	X	.003	.003	0	%100
38	MP-5	X	.003	.003	0	%100
39	MP-6	X	.003	.003	0	%100
40	MP-7	X	.003	.003	0	%100
41	MP-8	X	.003	.003	0	%100
42	MP-9	X	.003	.003	0	%100
43	MP-10	X	.003	.003	0	%100
44	MP-11	X	.003	.003	0	%100
45	MP-12	X	.003	.003	0	%100
46	MP-15	X	.003	.003	0	%100
47	MP-17	X	.003	.003	0	%100
48	MP-13	X	.003	.003	0	%100
49	INT-1A	X	.001	.001	0	%100
50	INT-1B	X	.001	.001	0	%100
51	INT-2A	X	.003	.003	0	%100
52	INT-2B	X	.003	.003	0	%100
53	INT-3A	X	.004	.004	0	%100
54	INT-3B	X	.004	.004	0	%100
55	SA1	X	.005	.005	0	%100
56	SA2	X	.003	.003	0	%100
57	SA3	X	.001	.001	0	%100
58	SR-1	X	.003	.003	0	%100
59	SR-2	X	.003	.003	0	%100
60	SR-3	X	.000736	.000736	0	%100
61	CB-1	X	.002	.002	0	%100
62	CB-2	X	.002	.002	0	%100
63	CB-3	X	.002	.002	0	%100
64	VSK1	X	.002	.002	0	%100
65	VSK2	X	.002	.002	0	%100
66	VSK3	X	.002	.002	0	%100
67	VSK4	X	.002	.002	0	%100
68	VSK5	X	.002	.002	0	%100
69	VSK6	X	.002	.002	0	%100
70	MP-18	X	.003	.003	0	%100
71	MP-14	X	.003	.003	0	%100
72	MP-16	X	.003	.003	0	%100
73	RRU9	X	.003	.003	0	%100
74	RRU10	X	.003	.003	0	%100
75	RRU8	X	.003	.003	0	%100
76	RRU7	X	.003	.003	0	%100
77	RRU5	X	.001	.001	0	%100
78	RRU6	X	.001	.001	0	%100
79	RRU3	X	.001	.001	0	%100
80	RRU4	X	.001	.001	0	%100
81	RRU1	X	.005	.005	0	%100
82	RRU2	X	.005	.005	0	%100
83	RRU11	X	.005	.005	0	%100
84	RRU12	X	.005	.005	0	%100
85	AHCP-1	Z	-.001	-.001	0	%100
86	AHCP-2	Z	-.003	-.003	0	%100
87	AHCP-3	Z	-.004	-.004	0	%100
88	CP1-1	Z	-.007	-.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
89	CP1-2	Z	-.002	-.002	0	%100
90	CP1-3	Z	-.011	-.011	0	%100
91	CP2-1	Z	-.011	-.011	0	%100
92	CP2-2	Z	-.004	-.004	0	%100
93	CP2-3	Z	-.003	-.003	0	%100
94	CP3-1	Z	-.003	-.003	0	%100
95	CP3-2	Z	-.006	-.006	0	%100
96	CP3-3	Z	-.007	-.007	0	%100
97	FF1-BH	Z	-.002	-.002	0	%100
98	FF2-BH	Z	-.004	-.004	0	%100
99	FF3-BH	Z	-.000954	-.000954	0	%100
100	GS-1	Z	-.002	-.002	0	%100
101	GS-2	Z	-.004	-.004	0	%100
102	GS-3	Z	-.004	-.004	0	%100
103	GS-4	Z	-.000728	-.000728	0	%100
104	GS-5	Z	-.001	-.001	0	%100
105	GS-6	Z	-.002	-.002	0	%100
106	INT1P1	Z	-.008	-.008	0	%100
107	INT1P2	Z	-.007	-.007	0	%100
108	INT1P3	Z	-.008	-.008	0	%100
109	INT1P4	Z	-.011	-.011	0	%100
110	INT2P1	Z	-.006	-.006	0	%100
111	INT2P2	Z	-.011	-.011	0	%100
112	INT2P3	Z	-.006	-.006	0	%100
113	INT2P4	Z	-.003	-.003	0	%100
114	INT3P1	Z	-.002	-.002	0	%100
115	INT3P2	Z	-.003	-.003	0	%100
116	INT3P3	Z	-.002	-.002	0	%100
117	INT3P4	Z	-.007	-.007	0	%100
118	MP-1	Z	-.003	-.003	0	%100
119	MP-2	Z	-.003	-.003	0	%100
120	MP-3	Z	-.003	-.003	0	%100
121	MP-4	Z	-.003	-.003	0	%100
122	MP-5	Z	-.003	-.003	0	%100
123	MP-6	Z	-.003	-.003	0	%100
124	MP-7	Z	-.003	-.003	0	%100
125	MP-8	Z	-.003	-.003	0	%100
126	MP-9	Z	-.003	-.003	0	%100
127	MP-10	Z	-.003	-.003	0	%100
128	MP-11	Z	-.003	-.003	0	%100
129	MP-12	Z	-.003	-.003	0	%100
130	MP-15	Z	-.003	-.003	0	%100
131	MP-17	Z	-.003	-.003	0	%100
132	MP-13	Z	-.003	-.003	0	%100
133	INT-1A	Z	-.001	-.001	0	%100
134	INT-1B	Z	-.001	-.001	0	%100
135	INT-2A	Z	-.003	-.003	0	%100
136	INT-2B	Z	-.003	-.003	0	%100
137	INT-3A	Z	-.005	-.005	0	%100
138	INT-3B	Z	-.005	-.005	0	%100
139	SA1	Z	-.005	-.005	0	%100
140	SA2	Z	-.004	-.004	0	%100
141	SA3	Z	-.001	-.001	0	%100
142	SR-1	Z	-.002	-.002	0	%100
143	SR-2	Z	-.003	-.003	0	%100
144	SR-3	Z	-.000905	-.000905	0	%100
145	CB-1	Z	-.002	-.002	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
146	CB-2	Z	-.002	-.002	0	%100
147	CB-3	Z	-.002	-.002	0	%100
148	VSK1	Z	-.003	-.003	0	%100
149	VSK2	Z	-.003	-.003	0	%100
150	VSK3	Z	-.003	-.003	0	%100
151	VSK4	Z	-.003	-.003	0	%100
152	VSK5	Z	-.003	-.003	0	%100
153	VSK6	Z	-.003	-.003	0	%100
154	MP-18	Z	-.003	-.003	0	%100
155	MP-14	Z	-.003	-.003	0	%100
156	MP-16	Z	-.003	-.003	0	%100
157	RRU9	Z	-.003	-.003	0	%100
158	RRU10	Z	-.003	-.003	0	%100
159	RRU8	Z	-.003	-.003	0	%100
160	RRU7	Z	-.003	-.003	0	%100
161	RRU5	Z	-.001	-.001	0	%100
162	RRU6	Z	-.001	-.001	0	%100
163	RRU3	Z	-.001	-.001	0	%100
164	RRU4	Z	-.001	-.001	0	%100
165	RRU1	Z	-.005	-.005	0	%100
166	RRU2	Z	-.005	-.005	0	%100
167	RRU11	Z	-.005	-.005	0	%100
168	RRU12	Z	-.005	-.005	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	0	0	0	%100
2	AHCP-2	X	.004	.004	0	%100
3	AHCP-3	X	.004	.004	0	%100
4	CP1-1	X	.012	.012	0	%100
5	CP1-2	X	0	0	0	%100
6	CP1-3	X	.012	.012	0	%100
7	CP2-1	X	.012	.012	0	%100
8	CP2-2	X	.007	.007	0	%100
9	CP2-3	X	0	0	0	%100
10	CP3-1	X	0	0	0	%100
11	CP3-2	X	.007	.007	0	%100
12	CP3-3	X	.012	.012	0	%100
13	FF1-BH	X	.004	.004	0	%100
14	FF2-BH	X	.003	.003	0	%100
15	FF3-BH	X	0	0	0	%100
16	GS-1	X	.004	.004	0	%100
17	GS-2	X	.004	.004	0	%100
18	GS-3	X	.004	.004	0	%100
19	GS-4	X	.000318	.000318	0	%100
20	GS-5	X	.000306	.000306	0	%100
21	GS-6	X	.004	.004	0	%100
22	INT1P1	X	.011	.011	0	%100
23	INT1P2	X	.012	.012	0	%100
24	INT1P3	X	.011	.011	0	%100
25	INT1P4	X	.012	.012	0	%100
26	INT2P1	X	.005	.005	0	%100
27	INT2P2	X	.012	.012	0	%100
28	INT2P3	X	.005	.005	0	%100
29	INT2P4	X	0	0	0	%100
30	INT3P1	X	.005	.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
31	INT3P2	X	0	0	0	%100
32	INT3P3	X	.005	.005	0	%100
33	INT3P4	X	.012	.012	0	%100
34	MP-1	X	.004	.004	0	%100
35	MP-2	X	.004	.004	0	%100
36	MP-3	X	.004	.004	0	%100
37	MP-4	X	.004	.004	0	%100
38	MP-5	X	.004	.004	0	%100
39	MP-6	X	.004	.004	0	%100
40	MP-7	X	.004	.004	0	%100
41	MP-8	X	.004	.004	0	%100
42	MP-9	X	.004	.004	0	%100
43	MP-10	X	.004	.004	0	%100
44	MP-11	X	.004	.004	0	%100
45	MP-12	X	.004	.004	0	%100
46	MP-15	X	.003	.003	0	%100
47	MP-17	X	.003	.003	0	%100
48	MP-13	X	.003	.003	0	%100
49	INT-1A	X	0	0	0	%100
50	INT-1B	X	0	0	0	%100
51	INT-2A	X	.005	.005	0	%100
52	INT-2B	X	.005	.005	0	%100
53	INT-3A	X	.005	.005	0	%100
54	INT-3B	X	.005	.005	0	%100
55	SA1	X	.006	.006	0	%100
56	SA2	X	.003	.003	0	%100
57	SA3	X	.003	.003	0	%100
58	SR-1	X	.004	.004	0	%100
59	SR-2	X	.003	.003	0	%100
60	SR-3	X	0	0	0	%100
61	CB-1	X	.002	.002	0	%100
62	CB-2	X	.002	.002	0	%100
63	CB-3	X	.002	.002	0	%100
64	VSK1	X	.003	.003	0	%100
65	VSK2	X	.003	.003	0	%100
66	VSK3	X	.003	.003	0	%100
67	VSK4	X	.003	.003	0	%100
68	VSK5	X	.003	.003	0	%100
69	VSK6	X	.003	.003	0	%100
70	MP-18	X	.003	.003	0	%100
71	MP-14	X	.003	.003	0	%100
72	MP-16	X	.003	.003	0	%100
73	RRU9	X	.005	.005	0	%100
74	RRU10	X	.005	.005	0	%100
75	RRU8	X	.005	.005	0	%100
76	RRU7	X	.005	.005	0	%100
77	RRU5	X	0	0	0	%100
78	RRU6	X	0	0	0	%100
79	RRU3	X	0	0	0	%100
80	RRU4	X	0	0	0	%100
81	RRU1	X	.005	.005	0	%100
82	RRU2	X	.005	.005	0	%100
83	RRU11	X	.005	.005	0	%100
84	RRU12	X	.005	.005	0	%100
85	AHCP-1	Z	0	0	0	%100
86	AHCP-2	Z	-.002	-.002	0	%100
87	AHCP-3	Z	-.003	-.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
88	CP1-1	Z	-.006	-.006	0	%100
89	CP1-2	Z	0	0	0	%100
90	CP1-3	Z	-.007	-.007	0	%100
91	CP2-1	Z	-.007	-.007	0	%100
92	CP2-2	Z	-.003	-.003	0	%100
93	CP2-3	Z	0	0	0	%100
94	CP3-1	Z	0	0	0	%100
95	CP3-2	Z	-.004	-.004	0	%100
96	CP3-3	Z	-.006	-.006	0	%100
97	FF1-BH	Z	-.002	-.002	0	%100
98	FF2-BH	Z	-.002	-.002	0	%100
99	FF3-BH	Z	0	0	0	%100
100	GS-1	Z	-.002	-.002	0	%100
101	GS-2	Z	-.002	-.002	0	%100
102	GS-3	Z	-.002	-.002	0	%100
103	GS-4	Z	-.000197	-.000197	0	%100
104	GS-5	Z	-.0002	-.0002	0	%100
105	GS-6	Z	-.002	-.002	0	%100
106	INT1P1	Z	-.006	-.006	0	%100
107	INT1P2	Z	-.006	-.006	0	%100
108	INT1P3	Z	-.006	-.006	0	%100
109	INT1P4	Z	-.007	-.007	0	%100
110	INT2P1	Z	-.003	-.003	0	%100
111	INT2P2	Z	-.007	-.007	0	%100
112	INT2P3	Z	-.003	-.003	0	%100
113	INT2P4	Z	0	0	0	%100
114	INT3P1	Z	-.003	-.003	0	%100
115	INT3P2	Z	0	0	0	%100
116	INT3P3	Z	-.003	-.003	0	%100
117	INT3P4	Z	-.006	-.006	0	%100
118	MP-1	Z	-.002	-.002	0	%100
119	MP-2	Z	-.002	-.002	0	%100
120	MP-3	Z	-.002	-.002	0	%100
121	MP-4	Z	-.002	-.002	0	%100
122	MP-5	Z	-.002	-.002	0	%100
123	MP-6	Z	-.002	-.002	0	%100
124	MP-7	Z	-.002	-.002	0	%100
125	MP-8	Z	-.002	-.002	0	%100
126	MP-9	Z	-.002	-.002	0	%100
127	MP-10	Z	-.002	-.002	0	%100
128	MP-11	Z	-.002	-.002	0	%100
129	MP-12	Z	-.002	-.002	0	%100
130	MP-15	Z	-.002	-.002	0	%100
131	MP-17	Z	-.002	-.002	0	%100
132	MP-13	Z	-.002	-.002	0	%100
133	INT-1A	Z	0	0	0	%100
134	INT-1B	Z	0	0	0	%100
135	INT-2A	Z	-.003	-.003	0	%100
136	INT-2B	Z	-.003	-.003	0	%100
137	INT-3A	Z	-.003	-.003	0	%100
138	INT-3B	Z	-.003	-.003	0	%100
139	SA1	Z	-.003	-.003	0	%100
140	SA2	Z	-.002	-.002	0	%100
141	SA3	Z	-.002	-.002	0	%100
142	SR-1	Z	-.002	-.002	0	%100
143	SR-2	Z	-.002	-.002	0	%100
144	SR-3	Z	0	0	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
145	CB-1	Z	-.001	-.001	0	%100
146	CB-2	Z	-.001	-.001	0	%100
147	CB-3	Z	-.001	-.001	0	%100
148	VSK1	Z	-.002	-.002	0	%100
149	VSK2	Z	-.002	-.002	0	%100
150	VSK3	Z	-.002	-.002	0	%100
151	VSK4	Z	-.002	-.002	0	%100
152	VSK5	Z	-.002	-.002	0	%100
153	VSK6	Z	-.002	-.002	0	%100
154	MP-18	Z	-.002	-.002	0	%100
155	MP-14	Z	-.002	-.002	0	%100
156	MP-16	Z	-.002	-.002	0	%100
157	RRU9	Z	-.003	-.003	0	%100
158	RRU10	Z	-.003	-.003	0	%100
159	RRU8	Z	-.003	-.003	0	%100
160	RRU7	Z	-.003	-.003	0	%100
161	RRU5	Z	0	0	0	%100
162	RRU6	Z	0	0	0	%100
163	RRU3	Z	0	0	0	%100
164	RRU4	Z	0	0	0	%100
165	RRU1	Z	-.003	-.003	0	%100
166	RRU2	Z	-.003	-.003	0	%100
167	RRU11	Z	-.003	-.003	0	%100
168	RRU12	Z	-.003	-.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.006	.006	0	%100
2	AHCP-2	X	.006	.006	0	%100
3	AHCP-3	X	.006	.006	0	%100
4	CP1-1	X	.016	.016	0	%100
5	CP1-2	X	.009	.009	0	%100
6	CP1-3	X	.016	.016	0	%100
7	CP2-1	X	.016	.016	0	%100
8	CP2-2	X	.009	.009	0	%100
9	CP2-3	X	.016	.016	0	%100
10	CP3-1	X	.016	.016	0	%100
11	CP3-2	X	.009	.009	0	%100
12	CP3-3	X	.016	.016	0	%100
13	FF1-BH	X	.006	.006	0	%100
14	FF2-BH	X	.004	.004	0	%100
15	FF3-BH	X	.004	.004	0	%100
16	GS-1	X	.006	.006	0	%100
17	GS-2	X	.005	.005	0	%100
18	GS-3	X	.005	.005	0	%100
19	GS-4	X	.005	.005	0	%100
20	GS-5	X	.005	.005	0	%100
21	GS-6	X	.006	.006	0	%100
22	INT1P1	X	.012	.012	0	%100
23	INT1P2	X	.016	.016	0	%100
24	INT1P3	X	.012	.012	0	%100
25	INT1P4	X	.016	.016	0	%100
26	INT2P1	X	.012	.012	0	%100
27	INT2P2	X	.016	.016	0	%100
28	INT2P3	X	.012	.012	0	%100
29	INT2P4	X	.016	.016	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
30	INT3P1	X	.012	.012	0	%100
31	INT3P2	X	.016	.016	0	%100
32	INT3P3	X	.012	.012	0	%100
33	INT3P4	X	.016	.016	0	%100
34	MP-1	X	.004	.004	0	%100
35	MP-2	X	.004	.004	0	%100
36	MP-3	X	.004	.004	0	%100
37	MP-4	X	.004	.004	0	%100
38	MP-5	X	.004	.004	0	%100
39	MP-6	X	.004	.004	0	%100
40	MP-7	X	.004	.004	0	%100
41	MP-8	X	.004	.004	0	%100
42	MP-9	X	.004	.004	0	%100
43	MP-10	X	.004	.004	0	%100
44	MP-11	X	.004	.004	0	%100
45	MP-12	X	.004	.004	0	%100
46	MP-15	X	.004	.004	0	%100
47	MP-17	X	.004	.004	0	%100
48	MP-13	X	.004	.004	0	%100
49	INT-1A	X	.006	.006	0	%100
50	INT-1B	X	.006	.006	0	%100
51	INT-2A	X	.007	.007	0	%100
52	INT-2B	X	.007	.007	0	%100
53	INT-3A	X	.006	.006	0	%100
54	INT-3B	X	.006	.006	0	%100
55	SA1	X	.007	.007	0	%100
56	SA2	X	.006	.006	0	%100
57	SA3	X	.007	.007	0	%100
58	SR-1	X	.005	.005	0	%100
59	SR-2	X	.004	.004	0	%100
60	SR-3	X	.004	.004	0	%100
61	CB-1	X	.003	.003	0	%100
62	CB-2	X	.003	.003	0	%100
63	CB-3	X	.003	.003	0	%100
64	VSK1	X	.003	.003	0	%100
65	VSK2	X	.003	.003	0	%100
66	VSK3	X	.003	.003	0	%100
67	VSK4	X	.003	.003	0	%100
68	VSK5	X	.003	.003	0	%100
69	VSK6	X	.003	.003	0	%100
70	MP-18	X	.004	.004	0	%100
71	MP-14	X	.004	.004	0	%100
72	MP-16	X	.004	.004	0	%100
73	RRU9	X	.007	.007	0	%100
74	RRU10	X	.007	.007	0	%100
75	RRU8	X	.007	.007	0	%100
76	RRU7	X	.007	.007	0	%100
77	RRU5	X	.007	.007	0	%100
78	RRU6	X	.007	.007	0	%100
79	RRU3	X	.007	.007	0	%100
80	RRU4	X	.007	.007	0	%100
81	RRU1	X	.007	.007	0	%100
82	RRU2	X	.007	.007	0	%100
83	RRU11	X	.007	.007	0	%100
84	RRU12	X	.007	.007	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
1	AHCP-1	X	.004	.004	0	%100
2	AHCP-2	X	.004	.004	0	%100
3	AHCP-3	X	0	0	0	%100
4	CP1-1	X	.012	.012	0	%100
5	CP1-2	X	.007	.007	0	%100
6	CP1-3	X	0	0	0	%100
7	CP2-1	X	0	0	0	%100
8	CP2-2	X	.007	.007	0	%100
9	CP2-3	X	.012	.012	0	%100
10	CP3-1	X	.012	.012	0	%100
11	CP3-2	X	0	0	0	%100
12	CP3-3	X	.012	.012	0	%100
13	FF1-BH	X	.004	.004	0	%100
14	FF2-BH	X	0	0	0	%100
15	FF3-BH	X	.003	.003	0	%100
16	GS-1	X	.004	.004	0	%100
17	GS-2	X	.000306	.000306	0	%100
18	GS-3	X	.000318	.000318	0	%100
19	GS-4	X	.004	.004	0	%100
20	GS-5	X	.004	.004	0	%100
21	GS-6	X	.004	.004	0	%100
22	INT1P1	X	.005	.005	0	%100
23	INT1P2	X	.012	.012	0	%100
24	INT1P3	X	.005	.005	0	%100
25	INT1P4	X	0	0	0	%100
26	INT2P1	X	.005	.005	0	%100
27	INT2P2	X	0	0	0	%100
28	INT2P3	X	.005	.005	0	%100
29	INT2P4	X	.012	.012	0	%100
30	INT3P1	X	.011	.011	0	%100
31	INT3P2	X	.012	.012	0	%100
32	INT3P3	X	.011	.011	0	%100
33	INT3P4	X	.012	.012	0	%100
34	MP-1	X	.004	.004	0	%100
35	MP-2	X	.004	.004	0	%100
36	MP-3	X	.004	.004	0	%100
37	MP-4	X	.004	.004	0	%100
38	MP-5	X	.004	.004	0	%100
39	MP-6	X	.004	.004	0	%100
40	MP-7	X	.004	.004	0	%100
41	MP-8	X	.004	.004	0	%100
42	MP-9	X	.004	.004	0	%100
43	MP-10	X	.004	.004	0	%100
44	MP-11	X	.004	.004	0	%100
45	MP-12	X	.004	.004	0	%100
46	MP-15	X	.003	.003	0	%100
47	MP-17	X	.003	.003	0	%100
48	MP-13	X	.003	.003	0	%100
49	INT-1A	X	.005	.005	0	%100
50	INT-1B	X	.005	.005	0	%100
51	INT-2A	X	.005	.005	0	%100
52	INT-2B	X	.005	.005	0	%100
53	INT-3A	X	0	0	0	%100
54	INT-3B	X	0	0	0	%100
55	SA1	X	.003	.003	0	%100
56	SA2	X	.003	.003	0	%100
57	SA3	X	.006	.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
58	SR-1	X	.004	.004	0	%100
59	SR-2	X	0	0	0	%100
60	SR-3	X	.003	.003	0	%100
61	CB-1	X	.002	.002	0	%100
62	CB-2	X	.002	.002	0	%100
63	CB-3	X	.002	.002	0	%100
64	VSK1	X	.003	.003	0	%100
65	VSK2	X	.003	.003	0	%100
66	VSK3	X	.003	.003	0	%100
67	VSK4	X	.003	.003	0	%100
68	VSK5	X	.003	.003	0	%100
69	VSK6	X	.003	.003	0	%100
70	MP-18	X	.003	.003	0	%100
71	MP-14	X	.003	.003	0	%100
72	MP-16	X	.003	.003	0	%100
73	RRU9	X	.005	.005	0	%100
74	RRU10	X	.005	.005	0	%100
75	RRU8	X	.005	.005	0	%100
76	RRU7	X	.005	.005	0	%100
77	RRU5	X	.005	.005	0	%100
78	RRU6	X	.005	.005	0	%100
79	RRU3	X	.005	.005	0	%100
80	RRU4	X	.005	.005	0	%100
81	RRU1	X	0	0	0	%100
82	RRU2	X	0	0	0	%100
83	RRU11	X	0	0	0	%100
84	RRU12	X	0	0	0	%100
85	AHCP-1	Z	.003	.003	0	%100
86	AHCP-2	Z	.002	.002	0	%100
87	AHCP-3	Z	0	0	0	%100
88	CP1-1	Z	.006	.006	0	%100
89	CP1-2	Z	.004	.004	0	%100
90	CP1-3	Z	0	0	0	%100
91	CP2-1	Z	0	0	0	%100
92	CP2-2	Z	.003	.003	0	%100
93	CP2-3	Z	.007	.007	0	%100
94	CP3-1	Z	.007	.007	0	%100
95	CP3-2	Z	0	0	0	%100
96	CP3-3	Z	.006	.006	0	%100
97	FF1-BH	Z	.002	.002	0	%100
98	FF2-BH	Z	0	0	0	%100
99	FF3-BH	Z	.002	.002	0	%100
100	GS-1	Z	.002	.002	0	%100
101	GS-2	Z	.0002	.0002	0	%100
102	GS-3	Z	.000197	.000197	0	%100
103	GS-4	Z	.002	.002	0	%100
104	GS-5	Z	.002	.002	0	%100
105	GS-6	Z	.002	.002	0	%100
106	INT1P1	Z	.003	.003	0	%100
107	INT1P2	Z	.006	.006	0	%100
108	INT1P3	Z	.003	.003	0	%100
109	INT1P4	Z	0	0	0	%100
110	INT2P1	Z	.003	.003	0	%100
111	INT2P2	Z	0	0	0	%100
112	INT2P3	Z	.003	.003	0	%100
113	INT2P4	Z	.007	.007	0	%100
114	INT3P1	Z	.006	.006	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
115	INT3P2	Z	.007	.007	0	%100
116	INT3P3	Z	.006	.006	0	%100
117	INT3P4	Z	.006	.006	0	%100
118	MP-1	Z	.002	.002	0	%100
119	MP-2	Z	.002	.002	0	%100
120	MP-3	Z	.002	.002	0	%100
121	MP-4	Z	.002	.002	0	%100
122	MP-5	Z	.002	.002	0	%100
123	MP-6	Z	.002	.002	0	%100
124	MP-7	Z	.002	.002	0	%100
125	MP-8	Z	.002	.002	0	%100
126	MP-9	Z	.002	.002	0	%100
127	MP-10	Z	.002	.002	0	%100
128	MP-11	Z	.002	.002	0	%100
129	MP-12	Z	.002	.002	0	%100
130	MP-15	Z	.002	.002	0	%100
131	MP-17	Z	.002	.002	0	%100
132	MP-13	Z	.002	.002	0	%100
133	INT-1A	Z	.003	.003	0	%100
134	INT-1B	Z	.003	.003	0	%100
135	INT-2A	Z	.003	.003	0	%100
136	INT-2B	Z	.003	.003	0	%100
137	INT-3A	Z	0	0	0	%100
138	INT-3B	Z	0	0	0	%100
139	SA1	Z	.002	.002	0	%100
140	SA2	Z	.002	.002	0	%100
141	SA3	Z	.003	.003	0	%100
142	SR-1	Z	.002	.002	0	%100
143	SR-2	Z	0	0	0	%100
144	SR-3	Z	.002	.002	0	%100
145	CB-1	Z	.001	.001	0	%100
146	CB-2	Z	.001	.001	0	%100
147	CB-3	Z	.001	.001	0	%100
148	VSK1	Z	.002	.002	0	%100
149	VSK2	Z	.002	.002	0	%100
150	VSK3	Z	.002	.002	0	%100
151	VSK4	Z	.002	.002	0	%100
152	VSK5	Z	.002	.002	0	%100
153	VSK6	Z	.002	.002	0	%100
154	MP-18	Z	.002	.002	0	%100
155	MP-14	Z	.002	.002	0	%100
156	MP-16	Z	.002	.002	0	%100
157	RRU9	Z	.003	.003	0	%100
158	RRU10	Z	.003	.003	0	%100
159	RRU8	Z	.003	.003	0	%100
160	RRU7	Z	.003	.003	0	%100
161	RRU5	Z	.003	.003	0	%100
162	RRU6	Z	.003	.003	0	%100
163	RRU3	Z	.003	.003	0	%100
164	RRU4	Z	.003	.003	0	%100
165	RRU1	Z	0	0	0	%100
166	RRU2	Z	0	0	0	%100
167	RRU11	Z	0	0	0	%100
168	RRU12	Z	0	0	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	.004	.004	0	%100
2	AHCP-2	X	.003	.003	0	%100
3	AHCP-3	X	.001	.001	0	%100
4	CP1-1	X	.008	.008	0	%100
5	CP1-2	X	.006	.006	0	%100
6	CP1-3	X	.003	.003	0	%100
7	CP2-1	X	.003	.003	0	%100
8	CP2-2	X	.004	.004	0	%100
9	CP2-3	X	.011	.011	0	%100
10	CP3-1	X	.011	.011	0	%100
11	CP3-2	X	.002	.002	0	%100
12	CP3-3	X	.008	.008	0	%100
13	FF1-BH	X	.003	.003	0	%100
14	FF2-BH	X	.000784	.000784	0	%100
15	FF3-BH	X	.003	.003	0	%100
16	GS-1	X	.003	.003	0	%100
17	GS-2	X	.001	.001	0	%100
18	GS-3	X	.00068	.00068	0	%100
19	GS-4	X	.004	.004	0	%100
20	GS-5	X	.003	.003	0	%100
21	GS-6	X	.003	.003	0	%100
22	INT1P1	X	.002	.002	0	%100
23	INT1P2	X	.008	.008	0	%100
24	INT1P3	X	.002	.002	0	%100
25	INT1P4	X	.003	.003	0	%100
26	INT2P1	X	.006	.006	0	%100
27	INT2P2	X	.003	.003	0	%100
28	INT2P3	X	.006	.006	0	%100
29	INT2P4	X	.011	.011	0	%100
30	INT3P1	X	.008	.008	0	%100
31	INT3P2	X	.011	.011	0	%100
32	INT3P3	X	.008	.008	0	%100
33	INT3P4	X	.008	.008	0	%100
34	MP-1	X	.003	.003	0	%100
35	MP-2	X	.003	.003	0	%100
36	MP-3	X	.003	.003	0	%100
37	MP-4	X	.003	.003	0	%100
38	MP-5	X	.003	.003	0	%100
39	MP-6	X	.003	.003	0	%100
40	MP-7	X	.003	.003	0	%100
41	MP-8	X	.003	.003	0	%100
42	MP-9	X	.003	.003	0	%100
43	MP-10	X	.003	.003	0	%100
44	MP-11	X	.003	.003	0	%100
45	MP-12	X	.003	.003	0	%100
46	MP-15	X	.003	.003	0	%100
47	MP-17	X	.003	.003	0	%100
48	MP-13	X	.003	.003	0	%100
49	INT-1A	X	.004	.004	0	%100
50	INT-1B	X	.004	.004	0	%100
51	INT-2A	X	.003	.003	0	%100
52	INT-2B	X	.003	.003	0	%100
53	INT-3A	X	.001	.001	0	%100
54	INT-3B	X	.001	.001	0	%100
55	SA1	X	.001	.001	0	%100
56	SA2	X	.003	.003	0	%100
57	SA3	X	.005	.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
58	SR-1	X	.003	.003	0	%100
59	SR-2	X	.000736	.000736	0	%100
60	SR-3	X	.003	.003	0	%100
61	CB-1	X	.002	.002	0	%100
62	CB-2	X	.002	.002	0	%100
63	CB-3	X	.002	.002	0	%100
64	VSK1	X	.002	.002	0	%100
65	VSK2	X	.002	.002	0	%100
66	VSK3	X	.002	.002	0	%100
67	VSK4	X	.002	.002	0	%100
68	VSK5	X	.002	.002	0	%100
69	VSK6	X	.002	.002	0	%100
70	MP-18	X	.003	.003	0	%100
71	MP-14	X	.003	.003	0	%100
72	MP-16	X	.003	.003	0	%100
73	RRU9	X	.003	.003	0	%100
74	RRU10	X	.003	.003	0	%100
75	RRU8	X	.003	.003	0	%100
76	RRU7	X	.003	.003	0	%100
77	RRU5	X	.005	.005	0	%100
78	RRU6	X	.005	.005	0	%100
79	RRU3	X	.005	.005	0	%100
80	RRU4	X	.005	.005	0	%100
81	RRU1	X	.001	.001	0	%100
82	RRU2	X	.001	.001	0	%100
83	RRU11	X	.001	.001	0	%100
84	RRU12	X	.001	.001	0	%100
85	AHCP-1	Z	.004	.004	0	%100
86	AHCP-2	Z	.003	.003	0	%100
87	AHCP-3	Z	.001	.001	0	%100
88	CP1-1	Z	.007	.007	0	%100
89	CP1-2	Z	.006	.006	0	%100
90	CP1-3	Z	.003	.003	0	%100
91	CP2-1	Z	.003	.003	0	%100
92	CP2-2	Z	.004	.004	0	%100
93	CP2-3	Z	.011	.011	0	%100
94	CP3-1	Z	.011	.011	0	%100
95	CP3-2	Z	.002	.002	0	%100
96	CP3-3	Z	.007	.007	0	%100
97	FF1-BH	Z	.002	.002	0	%100
98	FF2-BH	Z	.000954	.000954	0	%100
99	FF3-BH	Z	.004	.004	0	%100
100	GS-1	Z	.002	.002	0	%100
101	GS-2	Z	.001	.001	0	%100
102	GS-3	Z	.000728	.000728	0	%100
103	GS-4	Z	.004	.004	0	%100
104	GS-5	Z	.004	.004	0	%100
105	GS-6	Z	.002	.002	0	%100
106	INT1P1	Z	.002	.002	0	%100
107	INT1P2	Z	.007	.007	0	%100
108	INT1P3	Z	.002	.002	0	%100
109	INT1P4	Z	.003	.003	0	%100
110	INT2P1	Z	.006	.006	0	%100
111	INT2P2	Z	.003	.003	0	%100
112	INT2P3	Z	.006	.006	0	%100
113	INT2P4	Z	.011	.011	0	%100
114	INT3P1	Z	.008	.008	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
115	INT3P2	Z	.011	.011	0	%100
116	INT3P3	Z	.008	.008	0	%100
117	INT3P4	Z	.007	.007	0	%100
118	MP-1	Z	.003	.003	0	%100
119	MP-2	Z	.003	.003	0	%100
120	MP-3	Z	.003	.003	0	%100
121	MP-4	Z	.003	.003	0	%100
122	MP-5	Z	.003	.003	0	%100
123	MP-6	Z	.003	.003	0	%100
124	MP-7	Z	.003	.003	0	%100
125	MP-8	Z	.003	.003	0	%100
126	MP-9	Z	.003	.003	0	%100
127	MP-10	Z	.003	.003	0	%100
128	MP-11	Z	.003	.003	0	%100
129	MP-12	Z	.003	.003	0	%100
130	MP-15	Z	.003	.003	0	%100
131	MP-17	Z	.003	.003	0	%100
132	MP-13	Z	.003	.003	0	%100
133	INT-1A	Z	.005	.005	0	%100
134	INT-1B	Z	.005	.005	0	%100
135	INT-2A	Z	.003	.003	0	%100
136	INT-2B	Z	.003	.003	0	%100
137	INT-3A	Z	.001	.001	0	%100
138	INT-3B	Z	.001	.001	0	%100
139	SA1	Z	.001	.001	0	%100
140	SA2	Z	.004	.004	0	%100
141	SA3	Z	.005	.005	0	%100
142	SR-1	Z	.002	.002	0	%100
143	SR-2	Z	.000905	.000905	0	%100
144	SR-3	Z	.003	.003	0	%100
145	CB-1	Z	.002	.002	0	%100
146	CB-2	Z	.002	.002	0	%100
147	CB-3	Z	.002	.002	0	%100
148	VSK1	Z	.003	.003	0	%100
149	VSK2	Z	.003	.003	0	%100
150	VSK3	Z	.003	.003	0	%100
151	VSK4	Z	.003	.003	0	%100
152	VSK5	Z	.003	.003	0	%100
153	VSK6	Z	.003	.003	0	%100
154	MP-18	Z	.003	.003	0	%100
155	MP-14	Z	.003	.003	0	%100
156	MP-16	Z	.003	.003	0	%100
157	RRU9	Z	.003	.003	0	%100
158	RRU10	Z	.003	.003	0	%100
159	RRU8	Z	.003	.003	0	%100
160	RRU7	Z	.003	.003	0	%100
161	RRU5	Z	.005	.005	0	%100
162	RRU6	Z	.005	.005	0	%100
163	RRU3	Z	.005	.005	0	%100
164	RRU4	Z	.005	.005	0	%100
165	RRU1	Z	.001	.001	0	%100
166	RRU2	Z	.001	.001	0	%100
167	RRU11	Z	.001	.001	0	%100
168	RRU12	Z	.001	.001	0	%100

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

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

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	.003	.003	0	%100
2	AHCP-2	X	.001	.001	0	%100
3	AHCP-3	X	.001	.001	0	%100
4	CP1-1	X	.004	.004	0	%100
5	CP1-2	X	.004	.004	0	%100
6	CP1-3	X	.004	.004	0	%100
7	CP2-1	X	.004	.004	0	%100
8	CP2-2	X	.002	.002	0	%100
9	CP2-3	X	.008	.008	0	%100
10	CP3-1	X	.008	.008	0	%100
11	CP3-2	X	.002	.002	0	%100
12	CP3-3	X	.004	.004	0	%100
13	FF1-BH	X	.001	.001	0	%100
14	FF2-BH	X	.001	.001	0	%100
15	FF3-BH	X	.002	.002	0	%100
16	GS-1	X	.002	.002	0	%100
17	GS-2	X	.001	.001	0	%100
18	GS-3	X	.001	.001	0	%100
19	GS-4	X	.003	.003	0	%100
20	GS-5	X	.002	.002	0	%100
21	GS-6	X	.001	.001	0	%100
22	INT1P1	X	0	0	0	%100
23	INT1P2	X	.004	.004	0	%100
24	INT1P3	X	0	0	0	%100
25	INT1P4	X	.004	.004	0	%100
26	INT2P1	X	.005	.005	0	%100
27	INT2P2	X	.004	.004	0	%100
28	INT2P3	X	.005	.005	0	%100
29	INT2P4	X	.008	.008	0	%100
30	INT3P1	X	.005	.005	0	%100
31	INT3P2	X	.008	.008	0	%100
32	INT3P3	X	.005	.005	0	%100
33	INT3P4	X	.004	.004	0	%100
34	MP-1	X	.002	.002	0	%100
35	MP-2	X	.002	.002	0	%100
36	MP-3	X	.002	.002	0	%100
37	MP-4	X	.002	.002	0	%100
38	MP-5	X	.002	.002	0	%100
39	MP-6	X	.002	.002	0	%100
40	MP-7	X	.002	.002	0	%100
41	MP-8	X	.002	.002	0	%100
42	MP-9	X	.002	.002	0	%100
43	MP-10	X	.002	.002	0	%100
44	MP-11	X	.002	.002	0	%100
45	MP-12	X	.002	.002	0	%100
46	MP-15	X	.002	.002	0	%100
47	MP-17	X	.002	.002	0	%100
48	MP-13	X	.002	.002	0	%100
49	INT-1A	X	.003	.003	0	%100
50	INT-1B	X	.003	.003	0	%100
51	INT-2A	X	.002	.002	0	%100
52	INT-2B	X	.002	.002	0	%100
53	INT-3A	X	.002	.002	0	%100
54	INT-3B	X	.002	.002	0	%100
55	SA1	X	0	0	0	%100
56	SA2	X	.003	.003	0	%100
57	SA3	X	.003	.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
58	SR-1	X	.001	.001	0	%100
59	SR-2	X	.001	.001	0	%100
60	SR-3	X	.002	.002	0	%100
61	CB-1	X	.001	.001	0	%100
62	CB-2	X	.001	.001	0	%100
63	CB-3	X	.001	.001	0	%100
64	VSK1	X	.002	.002	0	%100
65	VSK2	X	.002	.002	0	%100
66	VSK3	X	.002	.002	0	%100
67	VSK4	X	.002	.002	0	%100
68	VSK5	X	.002	.002	0	%100
69	VSK6	X	.002	.002	0	%100
70	MP-18	X	.002	.002	0	%100
71	MP-14	X	.002	.002	0	%100
72	MP-16	X	.002	.002	0	%100
73	RRU9	X	.002	.002	0	%100
74	RRU10	X	.002	.002	0	%100
75	RRU8	X	.002	.002	0	%100
76	RRU7	X	.002	.002	0	%100
77	RRU5	X	.003	.003	0	%100
78	RRU6	X	.003	.003	0	%100
79	RRU3	X	.003	.003	0	%100
80	RRU4	X	.003	.003	0	%100
81	RRU1	X	.002	.002	0	%100
82	RRU2	X	.002	.002	0	%100
83	RRU11	X	.002	.002	0	%100
84	RRU12	X	.002	.002	0	%100
85	AHCP-1	Z	.005	.005	0	%100
86	AHCP-2	Z	.002	.002	0	%100
87	AHCP-3	Z	.003	.003	0	%100
88	CP1-1	Z	.006	.006	0	%100
89	CP1-2	Z	.008	.008	0	%100
90	CP1-3	Z	.007	.007	0	%100
91	CP2-1	Z	.007	.007	0	%100
92	CP2-2	Z	.003	.003	0	%100
93	CP2-3	Z	.014	.014	0	%100
94	CP3-1	Z	.014	.014	0	%100
95	CP3-2	Z	.004	.004	0	%100
96	CP3-3	Z	.006	.006	0	%100
97	FF1-BH	Z	.002	.002	0	%100
98	FF2-BH	Z	.002	.002	0	%100
99	FF3-BH	Z	.005	.005	0	%100
100	GS-1	Z	.002	.002	0	%100
101	GS-2	Z	.003	.003	0	%100
102	GS-3	Z	.002	.002	0	%100
103	GS-4	Z	.005	.005	0	%100
104	GS-5	Z	.005	.005	0	%100
105	GS-6	Z	.002	.002	0	%100
106	INT1P1	Z	0	0	0	%100
107	INT1P2	Z	.006	.006	0	%100
108	INT1P3	Z	0	0	0	%100
109	INT1P4	Z	.007	.007	0	%100
110	INT2P1	Z	.009	.009	0	%100
111	INT2P2	Z	.007	.007	0	%100
112	INT2P3	Z	.009	.009	0	%100
113	INT2P4	Z	.014	.014	0	%100
114	INT3P1	Z	.009	.009	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft,...
115	INT3P2	Z	.014	.014	0	%100
116	INT3P3	Z	.009	.009	0	%100
117	INT3P4	Z	.006	.006	0	%100
118	MP-1	Z	.004	.004	0	%100
119	MP-2	Z	.004	.004	0	%100
120	MP-3	Z	.004	.004	0	%100
121	MP-4	Z	.004	.004	0	%100
122	MP-5	Z	.004	.004	0	%100
123	MP-6	Z	.004	.004	0	%100
124	MP-7	Z	.004	.004	0	%100
125	MP-8	Z	.004	.004	0	%100
126	MP-9	Z	.004	.004	0	%100
127	MP-10	Z	.004	.004	0	%100
128	MP-11	Z	.004	.004	0	%100
129	MP-12	Z	.004	.004	0	%100
130	MP-15	Z	.003	.003	0	%100
131	MP-17	Z	.003	.003	0	%100
132	MP-13	Z	.003	.003	0	%100
133	INT-1A	Z	.006	.006	0	%100
134	INT-1B	Z	.006	.006	0	%100
135	INT-2A	Z	.003	.003	0	%100
136	INT-2B	Z	.003	.003	0	%100
137	INT-3A	Z	.003	.003	0	%100
138	INT-3B	Z	.003	.003	0	%100
139	SA1	Z	0	0	0	%100
140	SA2	Z	.006	.006	0	%100
141	SA3	Z	.005	.005	0	%100
142	SR-1	Z	.002	.002	0	%100
143	SR-2	Z	.002	.002	0	%100
144	SR-3	Z	.004	.004	0	%100
145	CB-1	Z	.003	.003	0	%100
146	CB-2	Z	.003	.003	0	%100
147	CB-3	Z	.003	.003	0	%100
148	VSK1	Z	.003	.003	0	%100
149	VSK2	Z	.003	.003	0	%100
150	VSK3	Z	.003	.003	0	%100
151	VSK4	Z	.003	.003	0	%100
152	VSK5	Z	.003	.003	0	%100
153	VSK6	Z	.003	.003	0	%100
154	MP-18	Z	.003	.003	0	%100
155	MP-14	Z	.003	.003	0	%100
156	MP-16	Z	.003	.003	0	%100
157	RRU9	Z	.003	.003	0	%100
158	RRU10	Z	.003	.003	0	%100
159	RRU8	Z	.003	.003	0	%100
160	RRU7	Z	.003	.003	0	%100
161	RRU5	Z	.006	.006	0	%100
162	RRU6	Z	.006	.006	0	%100
163	RRU3	Z	.006	.006	0	%100
164	RRU4	Z	.006	.006	0	%100
165	RRU1	Z	.003	.003	0	%100
166	RRU2	Z	.003	.003	0	%100
167	RRU11	Z	.003	.003	0	%100
168	RRU12	Z	.003	.003	0	%100

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

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

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	Z	.005	.005	0	%100
2	AHCP-2	Z	0	0	0	%100
3	AHCP-3	Z	.005	.005	0	%100
4	CP1-1	Z	0	0	0	%100
5	CP1-2	Z	.008	.008	0	%100
6	CP1-3	Z	.014	.014	0	%100
7	CP2-1	Z	.014	.014	0	%100
8	CP2-2	Z	0	0	0	%100
9	CP2-3	Z	.014	.014	0	%100
10	CP3-1	Z	.014	.014	0	%100
11	CP3-2	Z	.008	.008	0	%100
12	CP3-3	Z	0	0	0	%100
13	FF1-BH	Z	0	0	0	%100
14	FF2-BH	Z	.005	.005	0	%100
15	FF3-BH	Z	.005	.005	0	%100
16	GS-1	Z	.000329	.000329	0	%100
17	GS-2	Z	.005	.005	0	%100
18	GS-3	Z	.005	.005	0	%100
19	GS-4	Z	.005	.005	0	%100
20	GS-5	Z	.005	.005	0	%100
21	GS-6	Z	.000329	.000329	0	%100
22	INT1P1	Z	.006	.006	0	%100
23	INT1P2	Z	0	0	0	%100
24	INT1P3	Z	.006	.006	0	%100
25	INT1P4	Z	.014	.014	0	%100
26	INT2P1	Z	.012	.012	0	%100
27	INT2P2	Z	.014	.014	0	%100
28	INT2P3	Z	.012	.012	0	%100
29	INT2P4	Z	.014	.014	0	%100
30	INT3P1	Z	.006	.006	0	%100
31	INT3P2	Z	.014	.014	0	%100
32	INT3P3	Z	.006	.006	0	%100
33	INT3P4	Z	0	0	0	%100
34	MP-1	Z	.005	.005	0	%100
35	MP-2	Z	.005	.005	0	%100
36	MP-3	Z	.005	.005	0	%100
37	MP-4	Z	.005	.005	0	%100
38	MP-5	Z	.005	.005	0	%100
39	MP-6	Z	.005	.005	0	%100
40	MP-7	Z	.005	.005	0	%100
41	MP-8	Z	.005	.005	0	%100
42	MP-9	Z	.005	.005	0	%100
43	MP-10	Z	.005	.005	0	%100
44	MP-11	Z	.005	.005	0	%100
45	MP-12	Z	.005	.005	0	%100
46	MP-15	Z	.004	.004	0	%100
47	MP-17	Z	.004	.004	0	%100
48	MP-13	Z	.004	.004	0	%100
49	INT-1A	Z	.006	.006	0	%100
50	INT-1B	Z	.006	.006	0	%100
51	INT-2A	Z	0	0	0	%100
52	INT-2B	Z	0	0	0	%100
53	INT-3A	Z	.006	.006	0	%100
54	INT-3B	Z	.006	.006	0	%100
55	SA1	Z	.003	.003	0	%100
56	SA2	Z	.008	.008	0	%100
57	SA3	Z	.003	.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
58	SR-1	Z	0	0	0	%100
59	SR-2	Z	.004	.004	0	%100
60	SR-3	Z	.004	.004	0	%100
61	CB-1	Z	.003	.003	0	%100
62	CB-2	Z	.003	.003	0	%100
63	CB-3	Z	.003	.003	0	%100
64	VSK1	Z	.004	.004	0	%100
65	VSK2	Z	.004	.004	0	%100
66	VSK3	Z	.004	.004	0	%100
67	VSK4	Z	.004	.004	0	%100
68	VSK5	Z	.004	.004	0	%100
69	VSK6	Z	.004	.004	0	%100
70	MP-18	Z	.004	.004	0	%100
71	MP-14	Z	.004	.004	0	%100
72	MP-16	Z	.004	.004	0	%100
73	RRU9	Z	0	0	0	%100
74	RRU10	Z	0	0	0	%100
75	RRU8	Z	0	0	0	%100
76	RRU7	Z	0	0	0	%100
77	RRU5	Z	.006	.006	0	%100
78	RRU6	Z	.006	.006	0	%100
79	RRU3	Z	.006	.006	0	%100
80	RRU4	Z	.006	.006	0	%100
81	RRU1	Z	.006	.006	0	%100
82	RRU2	Z	.006	.006	0	%100
83	RRU11	Z	.006	.006	0	%100
84	RRU12	Z	.006	.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	-.001	-.001	0	%100
2	AHCP-2	X	-.001	-.001	0	%100
3	AHCP-3	X	-.003	-.003	0	%100
4	CP1-1	X	-.004	-.004	0	%100
5	CP1-2	X	-.002	-.002	0	%100
6	CP1-3	X	-.008	-.008	0	%100
7	CP2-1	X	-.008	-.008	0	%100
8	CP2-2	X	-.002	-.002	0	%100
9	CP2-3	X	-.004	-.004	0	%100
10	CP3-1	X	-.004	-.004	0	%100
11	CP3-2	X	-.004	-.004	0	%100
12	CP3-3	X	-.004	-.004	0	%100
13	FF1-BH	X	-.001	-.001	0	%100
14	FF2-BH	X	-.002	-.002	0	%100
15	FF3-BH	X	-.001	-.001	0	%100
16	GS-1	X	-.001	-.001	0	%100
17	GS-2	X	-.002	-.002	0	%100
18	GS-3	X	-.003	-.003	0	%100
19	GS-4	X	-.001	-.001	0	%100
20	GS-5	X	-.001	-.001	0	%100
21	GS-6	X	-.002	-.002	0	%100
22	INT1P1	X	-.005	-.005	0	%100
23	INT1P2	X	-.004	-.004	0	%100
24	INT1P3	X	-.005	-.005	0	%100
25	INT1P4	X	-.008	-.008	0	%100
26	INT2P1	X	-.005	-.005	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
27	INT2P2	X	-.008	-.008	0	%100
28	INT2P3	X	-.005	-.005	0	%100
29	INT2P4	X	-.004	-.004	0	%100
30	INT3P1	X	0	0	0	%100
31	INT3P2	X	-.004	-.004	0	%100
32	INT3P3	X	0	0	0	%100
33	INT3P4	X	-.004	-.004	0	%100
34	MP-1	X	-.002	-.002	0	%100
35	MP-2	X	-.002	-.002	0	%100
36	MP-3	X	-.002	-.002	0	%100
37	MP-4	X	-.002	-.002	0	%100
38	MP-5	X	-.002	-.002	0	%100
39	MP-6	X	-.002	-.002	0	%100
40	MP-7	X	-.002	-.002	0	%100
41	MP-8	X	-.002	-.002	0	%100
42	MP-9	X	-.002	-.002	0	%100
43	MP-10	X	-.002	-.002	0	%100
44	MP-11	X	-.002	-.002	0	%100
45	MP-12	X	-.002	-.002	0	%100
46	MP-15	X	-.002	-.002	0	%100
47	MP-17	X	-.002	-.002	0	%100
48	MP-13	X	-.002	-.002	0	%100
49	INT-1A	X	-.002	-.002	0	%100
50	INT-1B	X	-.002	-.002	0	%100
51	INT-2A	X	-.002	-.002	0	%100
52	INT-2B	X	-.002	-.002	0	%100
53	INT-3A	X	-.003	-.003	0	%100
54	INT-3B	X	-.003	-.003	0	%100
55	SA1	X	-.003	-.003	0	%100
56	SA2	X	-.003	-.003	0	%100
57	SA3	X	0	0	0	%100
58	SR-1	X	-.001	-.001	0	%100
59	SR-2	X	-.002	-.002	0	%100
60	SR-3	X	-.001	-.001	0	%100
61	CB-1	X	-.001	-.001	0	%100
62	CB-2	X	-.001	-.001	0	%100
63	CB-3	X	-.001	-.001	0	%100
64	VSK1	X	-.002	-.002	0	%100
65	VSK2	X	-.002	-.002	0	%100
66	VSK3	X	-.002	-.002	0	%100
67	VSK4	X	-.002	-.002	0	%100
68	VSK5	X	-.002	-.002	0	%100
69	VSK6	X	-.002	-.002	0	%100
70	MP-18	X	-.002	-.002	0	%100
71	MP-14	X	-.002	-.002	0	%100
72	MP-16	X	-.002	-.002	0	%100
73	RRU9	X	-.002	-.002	0	%100
74	RRU10	X	-.002	-.002	0	%100
75	RRU8	X	-.002	-.002	0	%100
76	RRU7	X	-.002	-.002	0	%100
77	RRU5	X	-.002	-.002	0	%100
78	RRU6	X	-.002	-.002	0	%100
79	RRU3	X	-.002	-.002	0	%100
80	RRU4	X	-.002	-.002	0	%100
81	RRU1	X	-.003	-.003	0	%100
82	RRU2	X	-.003	-.003	0	%100
83	RRU11	X	-.003	-.003	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
84	RRU12	X	-.003	-.003	0	%100
85	AHCP-1	Z	.003	.003	0	%100
86	AHCP-2	Z	.002	.002	0	%100
87	AHCP-3	Z	.005	.005	0	%100
88	CP1-1	Z	.006	.006	0	%100
89	CP1-2	Z	.004	.004	0	%100
90	CP1-3	Z	.014	.014	0	%100
91	CP2-1	Z	.014	.014	0	%100
92	CP2-2	Z	.003	.003	0	%100
93	CP2-3	Z	.007	.007	0	%100
94	CP3-1	Z	.007	.007	0	%100
95	CP3-2	Z	.008	.008	0	%100
96	CP3-3	Z	.006	.006	0	%100
97	FF1-BH	Z	.002	.002	0	%100
98	FF2-BH	Z	.005	.005	0	%100
99	FF3-BH	Z	.002	.002	0	%100
100	GS-1	Z	.002	.002	0	%100
101	GS-2	Z	.005	.005	0	%100
102	GS-3	Z	.005	.005	0	%100
103	GS-4	Z	.002	.002	0	%100
104	GS-5	Z	.003	.003	0	%100
105	GS-6	Z	.002	.002	0	%100
106	INT1P1	Z	.009	.009	0	%100
107	INT1P2	Z	.006	.006	0	%100
108	INT1P3	Z	.009	.009	0	%100
109	INT1P4	Z	.014	.014	0	%100
110	INT2P1	Z	.009	.009	0	%100
111	INT2P2	Z	.014	.014	0	%100
112	INT2P3	Z	.009	.009	0	%100
113	INT2P4	Z	.007	.007	0	%100
114	INT3P1	Z	0	0	0	%100
115	INT3P2	Z	.007	.007	0	%100
116	INT3P3	Z	0	0	0	%100
117	INT3P4	Z	.006	.006	0	%100
118	MP-1	Z	.004	.004	0	%100
119	MP-2	Z	.004	.004	0	%100
120	MP-3	Z	.004	.004	0	%100
121	MP-4	Z	.004	.004	0	%100
122	MP-5	Z	.004	.004	0	%100
123	MP-6	Z	.004	.004	0	%100
124	MP-7	Z	.004	.004	0	%100
125	MP-8	Z	.004	.004	0	%100
126	MP-9	Z	.004	.004	0	%100
127	MP-10	Z	.004	.004	0	%100
128	MP-11	Z	.004	.004	0	%100
129	MP-12	Z	.004	.004	0	%100
130	MP-15	Z	.003	.003	0	%100
131	MP-17	Z	.003	.003	0	%100
132	MP-13	Z	.003	.003	0	%100
133	INT-1A	Z	.003	.003	0	%100
134	INT-1B	Z	.003	.003	0	%100
135	INT-2A	Z	.003	.003	0	%100
136	INT-2B	Z	.003	.003	0	%100
137	INT-3A	Z	.006	.006	0	%100
138	INT-3B	Z	.006	.006	0	%100
139	SA1	Z	.005	.005	0	%100
140	SA2	Z	.006	.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
141	SA3	Z	0	0	0	%100
142	SR-1	Z	.002	.002	0	%100
143	SR-2	Z	.004	.004	0	%100
144	SR-3	Z	.002	.002	0	%100
145	CB-1	Z	.003	.003	0	%100
146	CB-2	Z	.003	.003	0	%100
147	CB-3	Z	.003	.003	0	%100
148	VSK1	Z	.003	.003	0	%100
149	VSK2	Z	.003	.003	0	%100
150	VSK3	Z	.003	.003	0	%100
151	VSK4	Z	.003	.003	0	%100
152	VSK5	Z	.003	.003	0	%100
153	VSK6	Z	.003	.003	0	%100
154	MP-18	Z	.003	.003	0	%100
155	MP-14	Z	.003	.003	0	%100
156	MP-16	Z	.003	.003	0	%100
157	RRU9	Z	.003	.003	0	%100
158	RRU10	Z	.003	.003	0	%100
159	RRU8	Z	.003	.003	0	%100
160	RRU7	Z	.003	.003	0	%100
161	RRU5	Z	.003	.003	0	%100
162	RRU6	Z	.003	.003	0	%100
163	RRU3	Z	.003	.003	0	%100
164	RRU4	Z	.003	.003	0	%100
165	RRU1	Z	.006	.006	0	%100
166	RRU2	Z	.006	.006	0	%100
167	RRU11	Z	.006	.006	0	%100
168	RRU12	Z	.006	.006	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	-.001	-.001	0	%100
2	AHCP-2	X	-.003	-.003	0	%100
3	AHCP-3	X	-.004	-.004	0	%100
4	CP1-1	X	-.008	-.008	0	%100
5	CP1-2	X	-.002	-.002	0	%100
6	CP1-3	X	-.011	-.011	0	%100
7	CP2-1	X	-.011	-.011	0	%100
8	CP2-2	X	-.004	-.004	0	%100
9	CP2-3	X	-.003	-.003	0	%100
10	CP3-1	X	-.003	-.003	0	%100
11	CP3-2	X	-.006	-.006	0	%100
12	CP3-3	X	-.008	-.008	0	%100
13	FF1-BH	X	-.003	-.003	0	%100
14	FF2-BH	X	-.003	-.003	0	%100
15	FF3-BH	X	-.000784	-.000784	0	%100
16	GS-1	X	-.003	-.003	0	%100
17	GS-2	X	-.003	-.003	0	%100
18	GS-3	X	-.004	-.004	0	%100
19	GS-4	X	-.00068	-.00068	0	%100
20	GS-5	X	-.001	-.001	0	%100
21	GS-6	X	-.003	-.003	0	%100
22	INT1P1	X	-.008	-.008	0	%100
23	INT1P2	X	-.008	-.008	0	%100
24	INT1P3	X	-.008	-.008	0	%100
25	INT1P4	X	-.011	-.011	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
26	INT2P1	X	-.006	-.006	0	%100
27	INT2P2	X	-.011	-.011	0	%100
28	INT2P3	X	-.006	-.006	0	%100
29	INT2P4	X	-.003	-.003	0	%100
30	INT3P1	X	-.002	-.002	0	%100
31	INT3P2	X	-.003	-.003	0	%100
32	INT3P3	X	-.002	-.002	0	%100
33	INT3P4	X	-.008	-.008	0	%100
34	MP-1	X	-.003	-.003	0	%100
35	MP-2	X	-.003	-.003	0	%100
36	MP-3	X	-.003	-.003	0	%100
37	MP-4	X	-.003	-.003	0	%100
38	MP-5	X	-.003	-.003	0	%100
39	MP-6	X	-.003	-.003	0	%100
40	MP-7	X	-.003	-.003	0	%100
41	MP-8	X	-.003	-.003	0	%100
42	MP-9	X	-.003	-.003	0	%100
43	MP-10	X	-.003	-.003	0	%100
44	MP-11	X	-.003	-.003	0	%100
45	MP-12	X	-.003	-.003	0	%100
46	MP-15	X	-.003	-.003	0	%100
47	MP-17	X	-.003	-.003	0	%100
48	MP-13	X	-.003	-.003	0	%100
49	INT-1A	X	-.001	-.001	0	%100
50	INT-1B	X	-.001	-.001	0	%100
51	INT-2A	X	-.003	-.003	0	%100
52	INT-2B	X	-.003	-.003	0	%100
53	INT-3A	X	-.004	-.004	0	%100
54	INT-3B	X	-.004	-.004	0	%100
55	SA1	X	-.005	-.005	0	%100
56	SA2	X	-.003	-.003	0	%100
57	SA3	X	-.001	-.001	0	%100
58	SR-1	X	-.003	-.003	0	%100
59	SR-2	X	-.003	-.003	0	%100
60	SR-3	X	-.000736	-.000736	0	%100
61	CB-1	X	-.002	-.002	0	%100
62	CB-2	X	-.002	-.002	0	%100
63	CB-3	X	-.002	-.002	0	%100
64	VSK1	X	-.002	-.002	0	%100
65	VSK2	X	-.002	-.002	0	%100
66	VSK3	X	-.002	-.002	0	%100
67	VSK4	X	-.002	-.002	0	%100
68	VSK5	X	-.002	-.002	0	%100
69	VSK6	X	-.002	-.002	0	%100
70	MP-18	X	-.003	-.003	0	%100
71	MP-14	X	-.003	-.003	0	%100
72	MP-16	X	-.003	-.003	0	%100
73	RRU9	X	-.003	-.003	0	%100
74	RRU10	X	-.003	-.003	0	%100
75	RRU8	X	-.003	-.003	0	%100
76	RRU7	X	-.003	-.003	0	%100
77	RRU5	X	-.001	-.001	0	%100
78	RRU6	X	-.001	-.001	0	%100
79	RRU3	X	-.001	-.001	0	%100
80	RRU4	X	-.001	-.001	0	%100
81	RRU1	X	-.005	-.005	0	%100
82	RRU2	X	-.005	-.005	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
83	RRU11	X	-.005	-.005	0	%100
84	RRU12	X	-.005	-.005	0	%100
85	AHCP-1	Z	.001	.001	0	%100
86	AHCP-2	Z	.003	.003	0	%100
87	AHCP-3	Z	.004	.004	0	%100
88	CP1-1	Z	.007	.007	0	%100
89	CP1-2	Z	.002	.002	0	%100
90	CP1-3	Z	.011	.011	0	%100
91	CP2-1	Z	.011	.011	0	%100
92	CP2-2	Z	.004	.004	0	%100
93	CP2-3	Z	.003	.003	0	%100
94	CP3-1	Z	.003	.003	0	%100
95	CP3-2	Z	.006	.006	0	%100
96	CP3-3	Z	.007	.007	0	%100
97	FF1-BH	Z	.002	.002	0	%100
98	FF2-BH	Z	.004	.004	0	%100
99	FF3-BH	Z	.000954	.000954	0	%100
100	GS-1	Z	.002	.002	0	%100
101	GS-2	Z	.004	.004	0	%100
102	GS-3	Z	.004	.004	0	%100
103	GS-4	Z	.000728	.000728	0	%100
104	GS-5	Z	.001	.001	0	%100
105	GS-6	Z	.002	.002	0	%100
106	INT1P1	Z	.008	.008	0	%100
107	INT1P2	Z	.007	.007	0	%100
108	INT1P3	Z	.008	.008	0	%100
109	INT1P4	Z	.011	.011	0	%100
110	INT2P1	Z	.006	.006	0	%100
111	INT2P2	Z	.011	.011	0	%100
112	INT2P3	Z	.006	.006	0	%100
113	INT2P4	Z	.003	.003	0	%100
114	INT3P1	Z	.002	.002	0	%100
115	INT3P2	Z	.003	.003	0	%100
116	INT3P3	Z	.002	.002	0	%100
117	INT3P4	Z	.007	.007	0	%100
118	MP-1	Z	.003	.003	0	%100
119	MP-2	Z	.003	.003	0	%100
120	MP-3	Z	.003	.003	0	%100
121	MP-4	Z	.003	.003	0	%100
122	MP-5	Z	.003	.003	0	%100
123	MP-6	Z	.003	.003	0	%100
124	MP-7	Z	.003	.003	0	%100
125	MP-8	Z	.003	.003	0	%100
126	MP-9	Z	.003	.003	0	%100
127	MP-10	Z	.003	.003	0	%100
128	MP-11	Z	.003	.003	0	%100
129	MP-12	Z	.003	.003	0	%100
130	MP-15	Z	.003	.003	0	%100
131	MP-17	Z	.003	.003	0	%100
132	MP-13	Z	.003	.003	0	%100
133	INT-1A	Z	.001	.001	0	%100
134	INT-1B	Z	.001	.001	0	%100
135	INT-2A	Z	.003	.003	0	%100
136	INT-2B	Z	.003	.003	0	%100
137	INT-3A	Z	.005	.005	0	%100
138	INT-3B	Z	.005	.005	0	%100
139	SA1	Z	.005	.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
140	SA2	Z	.004	.004	0	%100
141	SA3	Z	.001	.001	0	%100
142	SR-1	Z	.002	.002	0	%100
143	SR-2	Z	.003	.003	0	%100
144	SR-3	Z	.000905	.000905	0	%100
145	CB-1	Z	.002	.002	0	%100
146	CB-2	Z	.002	.002	0	%100
147	CB-3	Z	.002	.002	0	%100
148	VSK1	Z	.003	.003	0	%100
149	VSK2	Z	.003	.003	0	%100
150	VSK3	Z	.003	.003	0	%100
151	VSK4	Z	.003	.003	0	%100
152	VSK5	Z	.003	.003	0	%100
153	VSK6	Z	.003	.003	0	%100
154	MP-18	Z	.003	.003	0	%100
155	MP-14	Z	.003	.003	0	%100
156	MP-16	Z	.003	.003	0	%100
157	RRU9	Z	.003	.003	0	%100
158	RRU10	Z	.003	.003	0	%100
159	RRU8	Z	.003	.003	0	%100
160	RRU7	Z	.003	.003	0	%100
161	RRU5	Z	.001	.001	0	%100
162	RRU6	Z	.001	.001	0	%100
163	RRU3	Z	.001	.001	0	%100
164	RRU4	Z	.001	.001	0	%100
165	RRU1	Z	.005	.005	0	%100
166	RRU2	Z	.005	.005	0	%100
167	RRU11	Z	.005	.005	0	%100
168	RRU12	Z	.005	.005	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	AHCP-1	X	0	0	0	%100
2	AHCP-2	X	-.004	-.004	0	%100
3	AHCP-3	X	-.004	-.004	0	%100
4	CP1-1	X	-.012	-.012	0	%100
5	CP1-2	X	0	0	0	%100
6	CP1-3	X	-.012	-.012	0	%100
7	CP2-1	X	-.012	-.012	0	%100
8	CP2-2	X	-.007	-.007	0	%100
9	CP2-3	X	0	0	0	%100
10	CP3-1	X	0	0	0	%100
11	CP3-2	X	-.007	-.007	0	%100
12	CP3-3	X	-.012	-.012	0	%100
13	FF1-BH	X	-.004	-.004	0	%100
14	FF2-BH	X	-.003	-.003	0	%100
15	FF3-BH	X	0	0	0	%100
16	GS-1	X	-.004	-.004	0	%100
17	GS-2	X	-.004	-.004	0	%100
18	GS-3	X	-.004	-.004	0	%100
19	GS-4	X	-.000318	-.000318	0	%100
20	GS-5	X	-.000306	-.000306	0	%100
21	GS-6	X	-.004	-.004	0	%100
22	INT1P1	X	-.011	-.011	0	%100
23	INT1P2	X	-.012	-.012	0	%100
24	INT1P3	X	-.011	-.011	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
25	INT1P4	X	-.012	-.012	0	%100
26	INT2P1	X	-.005	-.005	0	%100
27	INT2P2	X	-.012	-.012	0	%100
28	INT2P3	X	-.005	-.005	0	%100
29	INT2P4	X	0	0	0	%100
30	INT3P1	X	-.005	-.005	0	%100
31	INT3P2	X	0	0	0	%100
32	INT3P3	X	-.005	-.005	0	%100
33	INT3P4	X	-.012	-.012	0	%100
34	MP-1	X	-.004	-.004	0	%100
35	MP-2	X	-.004	-.004	0	%100
36	MP-3	X	-.004	-.004	0	%100
37	MP-4	X	-.004	-.004	0	%100
38	MP-5	X	-.004	-.004	0	%100
39	MP-6	X	-.004	-.004	0	%100
40	MP-7	X	-.004	-.004	0	%100
41	MP-8	X	-.004	-.004	0	%100
42	MP-9	X	-.004	-.004	0	%100
43	MP-10	X	-.004	-.004	0	%100
44	MP-11	X	-.004	-.004	0	%100
45	MP-12	X	-.004	-.004	0	%100
46	MP-15	X	-.003	-.003	0	%100
47	MP-17	X	-.003	-.003	0	%100
48	MP-13	X	-.003	-.003	0	%100
49	INT-1A	X	0	0	0	%100
50	INT-1B	X	0	0	0	%100
51	INT-2A	X	-.005	-.005	0	%100
52	INT-2B	X	-.005	-.005	0	%100
53	INT-3A	X	-.005	-.005	0	%100
54	INT-3B	X	-.005	-.005	0	%100
55	SA1	X	-.006	-.006	0	%100
56	SA2	X	-.003	-.003	0	%100
57	SA3	X	-.003	-.003	0	%100
58	SR-1	X	-.004	-.004	0	%100
59	SR-2	X	-.003	-.003	0	%100
60	SR-3	X	0	0	0	%100
61	CB-1	X	-.002	-.002	0	%100
62	CB-2	X	-.002	-.002	0	%100
63	CB-3	X	-.002	-.002	0	%100
64	VSK1	X	-.003	-.003	0	%100
65	VSK2	X	-.003	-.003	0	%100
66	VSK3	X	-.003	-.003	0	%100
67	VSK4	X	-.003	-.003	0	%100
68	VSK5	X	-.003	-.003	0	%100
69	VSK6	X	-.003	-.003	0	%100
70	MP-18	X	-.003	-.003	0	%100
71	MP-14	X	-.003	-.003	0	%100
72	MP-16	X	-.003	-.003	0	%100
73	RRU9	X	-.005	-.005	0	%100
74	RRU10	X	-.005	-.005	0	%100
75	RRU8	X	-.005	-.005	0	%100
76	RRU7	X	-.005	-.005	0	%100
77	RRU5	X	0	0	0	%100
78	RRU6	X	0	0	0	%100
79	RRU3	X	0	0	0	%100
80	RRU4	X	0	0	0	%100
81	RRU1	X	-.005	-.005	0	%100

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
82	RRU2	X	-.005	-.005	0	%100
83	RRU11	X	-.005	-.005	0	%100
84	RRU12	X	-.005	-.005	0	%100
85	AHCP-1	Z	0	0	0	%100
86	AHCP-2	Z	.002	.002	0	%100
87	AHCP-3	Z	.003	.003	0	%100
88	CP1-1	Z	.006	.006	0	%100
89	CP1-2	Z	0	0	0	%100
90	CP1-3	Z	.007	.007	0	%100
91	CP2-1	Z	.007	.007	0	%100
92	CP2-2	Z	.003	.003	0	%100
93	CP2-3	Z	0	0	0	%100
94	CP3-1	Z	0	0	0	%100
95	CP3-2	Z	.004	.004	0	%100
96	CP3-3	Z	.006	.006	0	%100
97	FF1-BH	Z	.002	.002	0	%100
98	FF2-BH	Z	.002	.002	0	%100
99	FF3-BH	Z	0	0	0	%100
100	GS-1	Z	.002	.002	0	%100
101	GS-2	Z	.002	.002	0	%100
102	GS-3	Z	.002	.002	0	%100
103	GS-4	Z	.000197	.000197	0	%100
104	GS-5	Z	.0002	.0002	0	%100
105	GS-6	Z	.002	.002	0	%100
106	INT1P1	Z	.006	.006	0	%100
107	INT1P2	Z	.006	.006	0	%100
108	INT1P3	Z	.006	.006	0	%100
109	INT1P4	Z	.007	.007	0	%100
110	INT2P1	Z	.003	.003	0	%100
111	INT2P2	Z	.007	.007	0	%100
112	INT2P3	Z	.003	.003	0	%100
113	INT2P4	Z	0	0	0	%100
114	INT3P1	Z	.003	.003	0	%100
115	INT3P2	Z	0	0	0	%100
116	INT3P3	Z	.003	.003	0	%100
117	INT3P4	Z	.006	.006	0	%100
118	MP-1	Z	.002	.002	0	%100
119	MP-2	Z	.002	.002	0	%100
120	MP-3	Z	.002	.002	0	%100
121	MP-4	Z	.002	.002	0	%100
122	MP-5	Z	.002	.002	0	%100
123	MP-6	Z	.002	.002	0	%100
124	MP-7	Z	.002	.002	0	%100
125	MP-8	Z	.002	.002	0	%100
126	MP-9	Z	.002	.002	0	%100
127	MP-10	Z	.002	.002	0	%100
128	MP-11	Z	.002	.002	0	%100
129	MP-12	Z	.002	.002	0	%100
130	MP-15	Z	.002	.002	0	%100
131	MP-17	Z	.002	.002	0	%100
132	MP-13	Z	.002	.002	0	%100
133	INT-1A	Z	0	0	0	%100
134	INT-1B	Z	0	0	0	%100
135	INT-2A	Z	.003	.003	0	%100
136	INT-2B	Z	.003	.003	0	%100
137	INT-3A	Z	.003	.003	0	%100
138	INT-3B	Z	.003	.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
139	SA1	Z	.003	.003	0	%100
140	SA2	Z	.002	.002	0	%100
141	SA3	Z	.002	.002	0	%100
142	SR-1	Z	.002	.002	0	%100
143	SR-2	Z	.002	.002	0	%100
144	SR-3	Z	0	0	0	%100
145	CB-1	Z	.001	.001	0	%100
146	CB-2	Z	.001	.001	0	%100
147	CB-3	Z	.001	.001	0	%100
148	VSK1	Z	.002	.002	0	%100
149	VSK2	Z	.002	.002	0	%100
150	VSK3	Z	.002	.002	0	%100
151	VSK4	Z	.002	.002	0	%100
152	VSK5	Z	.002	.002	0	%100
153	VSK6	Z	.002	.002	0	%100
154	MP-18	Z	.002	.002	0	%100
155	MP-14	Z	.002	.002	0	%100
156	MP-16	Z	.002	.002	0	%100
157	RRU9	Z	.003	.003	0	%100
158	RRU10	Z	.003	.003	0	%100
159	RRU8	Z	.003	.003	0	%100
160	RRU7	Z	.003	.003	0	%100
161	RRU5	Z	0	0	0	%100
162	RRU6	Z	0	0	0	%100
163	RRU3	Z	0	0	0	%100
164	RRU4	Z	0	0	0	%100
165	RRU1	Z	.003	.003	0	%100
166	RRU2	Z	.003	.003	0	%100
167	RRU11	Z	.003	.003	0	%100
168	RRU12	Z	.003	.003	0	%100

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	GS-3	Y	-.011	-.006	0	2.061
2	GS-3	Y	-.006	-.002	2.061	4.123
3	GS-4	Y	-.002	-.006	0	2.061
4	GS-4	Y	-.006	-.011	2.061	4.123
5	INT-2A	Y	-.01	-.01	1.531	2.531
6	INT-2B	Y	-.01	-.01	.005	1.005
7	SA2	Y	-.014	-.014	3.927	5.49
8	GS-1	Y	-.011	-.006	0	2.061
9	GS-1	Y	-.006	-.002	2.061	4.123
10	GS-2	Y	-.002	-.006	0	2.061
11	GS-2	Y	-.006	-.011	2.061	4.123
12	INT-1A	Y	-.01	-.01	1.531	2.531
13	INT-1B	Y	-.01	-.01	.005	1.005
14	SA1	Y	-.014	-.014	3.927	5.49
15	GS-5	Y	-.011	-.006	0	2.061
16	GS-5	Y	-.006	-.002	2.061	4.123
17	GS-6	Y	-.002	-.006	0	2.061
18	GS-6	Y	-.006	-.011	2.061	4.123
19	INT-3A	Y	-.01	-.01	1.531	2.531
20	INT-3B	Y	-.01	-.01	.005	1.005
21	SA3	Y	-.014	-.014	3.927	5.49

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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

	Member Label	Direction	Start Magnitude[k/ft,F,ksf]	End Magnitude...	Start Location[ft,%]	End Location[ft...
1	GS-3	Y	-.015	-.009	0	2.061
2	GS-3	Y	-.009	-.002	2.061	4.123
3	GS-4	Y	-.002	-.009	0	2.061
4	GS-4	Y	-.009	-.015	2.061	4.123
5	INT-2A	Y	-.014	-.014	1.531	2.531
6	INT-2B	Y	-.014	-.014	.005	1.005
7	SA2	Y	-.02	-.02	3.927	5.49
8	GS-1	Y	-.015	-.008	0	2.061
9	GS-1	Y	-.008	-.002	2.061	4.123
10	GS-2	Y	-.002	-.008	0	2.061
11	GS-2	Y	-.008	-.015	2.061	4.123
12	INT-1A	Y	-.014	-.014	1.531	2.531
13	INT-1B	Y	-.014	-.014	.005	1.005
14	SA1	Y	-.019	-.019	3.927	5.49
15	GS-5	Y	-.015	-.008	0	2.061
16	GS-5	Y	-.008	-.002	2.061	4.123
17	GS-6	Y	-.002	-.008	0	2.061
18	GS-6	Y	-.008	-.015	2.061	4.123
19	INT-3A	Y	-.014	-.014	1.531	2.531
20	INT-3B	Y	-.014	-.014	.005	1.005
21	SA3	Y	-.019	-.019	3.927	5.49

Member Area Loads (BLC 1 : Dead)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	X13	X87	X89		Y	Two Way	-.012
2	X90	X11	X85		Y	Two Way	-.012
3	X88	X15	X86		Y	Two Way	-.012

Member Area Loads (BLC 18 : Ice Weight)

	Joint A	Joint B	Joint C	Joint D	Direction	Distribution	Magnitude[ksf]
1	X13	X87	X89		Y	Two Way	-.016
2	X90	X11	X85		Y	Two Way	-.016
3	X88	X15	X86		Y	Two Way	-.016

Basic Load Cases

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distri...	Area(Member)	Surface(Plate/Wall)
1	Dead	None		-1			51		3	
2	0 Wind - No Ice	None					51	84		
3	30 Wind - No Ice	None					102	168		
4	45 Wind - No Ice	None					102	168		
5	60 Wind - No Ice	None					102	168		
6	90 Wind - No Ice	None					51	84		
7	120 Wind - No Ice	None					102	168		
8	135 Wind - No Ice	None					102	168		
9	150 Wind - No Ice	None					102	168		
10	180 Wind - No Ice	None					51	84		
11	210 Wind - No Ice	None					102	168		
12	225 Wind - No Ice	None					102	168		
13	240 Wind - No Ice	None					102	168		
14	270 Wind - No Ice	None					51	84		
15	300 Wind - No Ice	None					102	168		
16	315 Wind - No Ice	None					102	168		
17	330 Wind - No Ice	None					102	168		

Basic Load Cases (Continued)

	BLC Description	Category	X Gravity	Y Gravity	Z Gravity	Joint	Point	Distri...	Area(Member)	Surface(Plate/Wall)
18	Ice Weight	None					51	84	3	
19	0 Wind - Ice	None					51	84		
20	30 Wind - Ice	None					102	168		
21	45 Wind - Ice	None					102	168		
22	60 Wind - Ice	None					102	168		
23	90 Wind - Ice	None					51	84		
24	120 Wind - Ice	None					102	168		
25	135 Wind - Ice	None					102	168		
26	150 Wind - Ice	None					102	168		
27	180 Wind - Ice	None					51	84		
28	210 Wind - Ice	None					102	168		
29	225 Wind - Ice	None					102	168		
30	240 Wind - Ice	None					102	168		
31	270 Wind - Ice	None					51	84		
32	300 Wind - Ice	None					102	168		
33	315 Wind - Ice	None					102	168		
34	330 Wind - Ice	None					102	168		
35	Lm	None				1				
36	Lv	None				1				
37	Seismic Load X	ELX	-1				51			
38	Seismic Load Z	ELZ			-1		51			
39	BLC 1 Transient Area Loads	None						21		
40	BLC 18 Transient Area Lo...	None						21		

Load Combinations

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

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
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Checked By: CLT

Load Combinations (Continued)

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
30	1.2D+1.0 270-Wind	Yes	Y		1	1.2	14	1																		
31	1.2D+1.0 300-Wind	Yes	Y		1	1.2	15	1																		
32	1.2D+1.0 315-Wind	Yes	Y		1	1.2	16	1																		
33	1.2D+1.0 330-Wind	Yes	Y		1	1.2	17	1																		
34	1.2D+1.0Di+1.0 0-Wind...	Yes	Y		1	1.2	18	1	19	1																
35	1.2D+1.0Di+1.0 30-Win...	Yes	Y		1	1.2	18	1	20	1																
36	1.2D+1.0Di+1.0 45-Win...	Yes	Y		1	1.2	18	1	21	1																
37	1.2D+1.0Di+1.0 60-Win...	Yes	Y		1	1.2	18	1	22	1																
38	1.2D+1.0Di+1.0 90-Win...	Yes	Y		1	1.2	18	1	23	1																
39	1.2D+1.0Di+1.0 120-Wi...	Yes	Y		1	1.2	18	1	24	1																
40	1.2D+1.0Di+1.0 135-Wi...	Yes	Y		1	1.2	18	1	25	1																
41	1.2D+1.0Di+1.0 150-Wi...	Yes	Y		1	1.2	18	1	26	1																
42	1.2D+1.0Di+1.0 180-Wi...	Yes	Y		1	1.2	18	1	27	1																
43	1.2D+1.0Di+1.0 210-Wi...	Yes	Y		1	1.2	18	1	28	1																
44	1.2D+1.0Di+1.0 225-Wi...	Yes	Y		1	1.2	18	1	29	1																
45	1.2D+1.0Di+1.0 240-Wi...	Yes	Y		1	1.2	18	1	30	1																
46	1.2D+1.0Di+1.0 270-Wi...	Yes	Y		1	1.2	18	1	31	1																
47	1.2D+1.0Di+1.0 300-Wi...	Yes	Y		1	1.2	18	1	32	1																
48	1.2D+1.0Di+1.0 315-Wi...	Yes	Y		1	1.2	18	1	33	1																
49	1.2D+1.0Di+1.0 330-Wi...	Yes	Y		1	1.2	18	1	34	1																
50	1.2D+1.5Lv	Yes	Y		36	1.5	1	1.2																		
51	1.2D+1.5Lm+1.0 0-Wind	Yes	Y		1	1.2	2	.065	35	1.5																
52	1.2D+1.5Lm+1.0 30-Wi...	Yes	Y		1	1.2	3	.065	35	1.5																
53	1.2D+1.5Lm+1.0 45-Wi...	Yes	Y		1	1.2	4	.065	35	1.5																
54	1.2D+1.5Lm+1.0 60-Wi...	Yes	Y		1	1.2	5	.065	35	1.5																
55	1.2D+1.5Lm+1.0 90-Wi...	Yes	Y		1	1.2	6	.065	35	1.5																
56	1.2D+1.5Lm+1.0 120-...	Yes	Y		1	1.2	7	.065	35	1.5																
57	1.2D+1.5Lm+1.0 135-...	Yes	Y		1	1.2	8	.065	35	1.5																
58	1.2D+1.5Lm+1.0 150-...	Yes	Y		1	1.2	9	.065	35	1.5																
59	1.2D+1.5Lm+1.0 180-...	Yes	Y		1	1.2	10	.065	35	1.5																
60	1.2D+1.5Lm+1.0 210-...	Yes	Y		1	1.2	11	.065	35	1.5																
61	1.2D+1.5Lm+1.0 225-...	Yes	Y		1	1.2	12	.065	35	1.5																
62	1.2D+1.5Lm+1.0 240-...	Yes	Y		1	1.2	13	.065	35	1.5																
63	1.2D+1.5Lm+1.0 270-...	Yes	Y		1	1.2	14	.065	35	1.5																
64	1.2D+1.5Lm+1.0 300-...	Yes	Y		1	1.2	15	.065	35	1.5																
65	1.2D+1.5Lm+1.0 315-...	Yes	Y		1	1.2	16	.065	35	1.5																
66	1.2D+1.5Lm+1.0 330-...	Yes	Y		1	1.2	17	.065	35	1.5																
67	(1.2+0.2Sds)D+1.0 0 S...	Yes	Y		1	1.2...	ELX	.098	0																	
68	(1.2+0.2Sds)D+1.0 30 ...	Yes	Y		1	1.2...	ELX	.085	ELZ	.049																
69	(1.2+0.2Sds)D+1.0 45 ...	Yes	Y		1	1.2...	ELX	.069	ELZ	.069																
70	(1.2+0.2Sds)D+1.0 60 ...	Yes	Y		1	1.2...	ELX	.049	ELZ	.085																
71	(1.2+0.2Sds)D+1.0 90 ...	Yes	Y		1	1.2...	0		ELZ	.098																
72	(1.2+0.2Sds)D+1.0 120...	Yes	Y		1	1.2...	ELX	-.049	ELZ	.085																
73	(1.2+0.2Sds)D+1.0 135...	Yes	Y		1	1.2...	ELX	-.069	ELZ	.069																
74	(1.2+0.2Sds)D+1.0 150...	Yes	Y		1	1.2...	ELX	-.085	ELZ	.049																
75	(1.2+0.2Sds)D+1.0 180...	Yes	Y		1	1.2...	ELX	-.098	0																	
76	(1.2+0.2Sds)D+1.0 210...	Yes	Y		1	1.2...	ELX	-.085	ELZ	-.049																
77	(1.2+0.2Sds)D+1.0 225...	Yes	Y		1	1.2...	ELX	-.069	ELZ	-.069																
78	(1.2+0.2Sds)D+1.0 240...	Yes	Y		1	1.2...	ELX	-.049	ELZ	-.085																
79	(1.2+0.2Sds)D+1.0 270...	Yes	Y		1	1.2...	0		ELZ	-.098																
80	(1.2+0.2Sds)D+1.0 300...	Yes	Y		1	1.2...	ELX	.049	ELZ	-.085																
81	(1.2+0.2Sds)D+1.0 315...	Yes	Y		1	1.2...	ELX	.069	ELZ	-.069																
82	(1.2+0.2Sds)D+1.0 330...	Yes	Y		1	1.2...	ELX	.085	ELZ	-.049																
83	(0.9-0.2Sds)*DL+1.0 0 ...	Yes	Y		1	.861	ELX	.098	0																	
84	(0.9-0.2Sds)*DL+1.0 30...	Yes	Y		1	.861	ELX	.085	ELZ	.049																
85	(0.9-0.2Sds)*DL+1.0 Se...	Yes	Y		1	.861	ELX	.069	ELZ	.069																
86	(0.9-0.2Sds)*DL+1.0 60...	Yes	Y		1	.861	ELX	.049	ELZ	.085																

Load Combinations (Continued)

	Description	So..	P...	S...	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..	BLC	Fac..
87	(0.9-0.2Sds)*DL+1.0 90..	Yes	Y		1	.861	0		ELZ	.098														
88	(0.9-0.2Sds)*DL+1.0 12..	Yes	Y		1	.861	ELX	-.049	ELZ	.085														
89	(0.9-0.2Sds)*DL+1.0 13..	Yes	Y		1	.861	ELX	-.069	ELZ	.069														
90	(0.9-0.2Sds)*DL+1.0 15..	Yes	Y		1	.861	ELX	-.085	ELZ	.049														
91	(0.9-0.2Sds)*DL+1.0 18..	Yes	Y		1	.861	ELX	-.098	0															
92	(0.9-0.2Sds)*DL+1.0 21..	Yes	Y		1	.861	ELX	-.085	ELZ	-.049														
93	(0.9-0.2Sds)*DL+1.0 22..	Yes	Y		1	.861	ELX	-.069	ELZ	-.069														
94	(0.9-0.2Sds)*DL+1.0 24..	Yes	Y		1	.861	ELX	-.049	ELZ	-.085														
95	(0.9-0.2Sds)*DL+1.0 27..	Yes	Y		1	.861	0		ELZ	-.098														
96	(0.9-0.2Sds)*DL+1.0 30..	Yes	Y		1	.861	ELX	.049	ELZ	-.085														
97	(0.9-0.2Sds)*DL+1.0 31..	Yes	Y		1	.861	ELX	.069	ELZ	-.069														
98	(0.9-0.2Sds)*DL+1.0 33..	Yes	Y		1	.861	ELX	.085	ELZ	-.049														

Envelope Joint Reactions

	Joint		X [k]	LC	Y [k]	LC	Z [k]	LC	MX [k-ft]	LC	MY [k-ft]	LC	MZ [k-ft]	LC
1	SA1	max	1.759	18	3.231	45	2.392	5	2.104	5	2.358	33	3.684	42
2		min	-1.316	10	-.382	5	-1.294	13	-6.107	45	-2.358	25	-1.341	4
3	SA2	max	1.488	2	3.29	34	1.357	22	.951	6	2.41	22	2.432	10
4		min	-2.757	10	-.382	10	-1.355	30	-.952	14	-2.41	30	-7.264	34
5	SA3	max	1.596	18	3.231	39	1.338	6	6.165	39	2.358	27	3.578	42
6		min	-1.154	10	-.382	15	-2.361	15	-2.108	15	-2.358	19	-1.311	16
7	X1	max	.736	2	1.589	35	.75	22	.126	5	.065	33	.046	12
8		min	-1.282	26	.257	14	-1.996	29	-.074	13	-.07	25	-.076	4
9	X3	max	.657	2	1.587	49	1.989	23	.074	7	.065	28	.059	4
10		min	-1.234	25	.257	9	-.776	30	-.129	15	-.07	19	-.072	16
11	X2	max	2.301	18	1.605	42	.687	6	.055	30	.066	22	.147	10
12		min	-.824	26	.258	3	-.689	14	-.051	22	-.07	30	-.085	2
13	Totals:	max	8.397	2	13.565	39	8.254	22						
14		min	-8.397	26	3.752	96	-8.254	30						

Envelope Member Section Forces

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
1	AHCP-1	1	max	.169	13	.062	27	.133	27	.005	10	.346	20	.455	21
2			min	-.314	21	-.051	3	-.14	3	-.005	2	-.24	11	-.253	13
3		2	max	.169	13	.065	43	.136	27	.005	10	.317	20	.444	21
4			min	-.314	21	-.049	3	-.142	3	-.005	2	-.209	12	-.246	13
5		3	max	.169	13	.069	43	.138	27	.005	10	.294	21	.433	21
6			min	-.314	21	-.048	3	-.145	3	-.005	2	-.181	13	-.238	13
7		4	max	.169	13	.073	43	.141	27	.005	10	.283	21	.42	21
8			min	-.314	21	-.047	3	-.148	3	-.005	2	-.162	13	-.23	13
9		5	max	.169	13	.077	43	.144	27	.005	10	.287	22	.406	21
10			min	-.314	21	-.046	3	-.15	3	-.005	2	-.157	14	-.221	13
11	AHCP-2	1	max	.169	2	.062	33	.133	33	.005	15	.345	25	.474	42
12			min	-.324	42	-.051	8	-.14	9	-.005	7	-.24	17	-.253	2
13		2	max	.169	2	.064	33	.136	33	.005	15	.306	26	.463	42
14			min	-.324	42	-.05	8	-.143	9	-.005	7	-.199	17	-.246	2
15		3	max	.169	2	.068	49	.139	33	.005	15	.294	26	.451	42
16			min	-.324	42	-.048	8	-.145	9	-.005	7	-.181	2	-.238	2
17		4	max	.169	2	.072	49	.142	33	.005	15	.282	26	.437	42
18			min	-.324	42	-.047	8	-.148	9	-.005	7	-.162	2	-.23	2
19		5	max	.169	2	.076	49	.145	33	.005	15	.287	27	.421	42
20			min	-.324	42	-.046	8	-.151	9	-.005	7	-.157	3	-.221	2
21	AHCP-3	1	max	.178	8	.062	22	.134	22	.005	5	.345	30	.456	31
22			min	-.319	32	-.108	63	-.14	14	-.005	12	-.24	6	-.254	7

Company : Tower Engineering Professionals, Inc.
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Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
23		2	max	.179	8	.063	22	.137	22	.005	5	.306	31	.445	31
24			min	-.32	32	-.107	63	-.143	14	-.005	12	-.199	6	-.246	7
25		3	max	.179	8	.065	37	.139	22	.005	5	.294	31	.433	31
26			min	-.32	32	-.105	63	-.146	14	-.005	12	-.181	7	-.238	7
27		4	max	.18	8	.07	37	.142	22	.005	5	.288	32	.419	31
28			min	-.321	32	-.104	63	-.149	14	-.005	12	-.168	8	-.234	8
29		5	max	.181	8	.074	37	.145	22	.005	5	.294	32	.411	32
30			min	-.322	32	-.102	63	-.151	14	-.005	12	-.162	8	-.23	8
31	CP1-1	1	max	0	98	0	28	0	31	0	98	0	98	0	98
32			min	0	1	0	25	0	20	0	1	0	1	0	1
33		2	max	0	32	0	98	.002	18	0	98	0	18	0	41
34			min	0	4	-.003	41	-.002	10	0	1	0	10	0	83
35		3	max	.244	18	.157	23	.325	18	.179	18	0	18	0	41
36			min	-.202	10	-.262	30	-.288	10	-.189	10	0	10	0	83
37		4	max	.244	18	.156	23	.327	18	.179	18	.021	18	.017	30
38			min	-.202	10	-.263	30	-.289	10	-.189	10	-.018	10	-.01	23
39		5	max	.244	18	.155	23	.328	18	.179	18	.041	18	.033	30
40			min	-.202	10	-.264	30	-.291	10	-.189	10	-.036	10	-.019	23
41	CP1-2	1	max	.406	18	.156	23	.057	8	.093	18	.041	18	.166	10
42			min	-.353	10	-.264	30	-.074	32	-.09	10	-.036	10	-.153	18
43		2	max	.41	18	.152	23	.058	7	.093	18	.033	19	.203	27
44			min	-.357	10	-.268	30	-.075	31	-.09	10	-.034	11	-.142	18
45		3	max	.413	18	.225	11	.073	12	.093	18	.042	5	.277	28
46			min	-.361	10	-.272	30	-.078	30	-.09	10	-.048	29	-.144	18
47		4	max	.149	23	.222	11	.067	28	.063	32	.024	22	.159	13
48			min	-.104	15	-.211	18	-.05	4	-.055	8	-.025	14	-.103	23
49		5	max	.145	23	.219	11	.059	28	.063	32	.016	22	.109	15
50			min	-.1	15	-.215	18	-.042	4	-.055	8	-.012	15	-.094	23
51	CP1-3	1	max	.116	27	.219	11	.093	15	.125	15	.016	22	.027	11
52			min	-.07	3	-.215	18	-.125	22	-.107	23	-.012	15	-.027	18
53		2	max	.116	27	.218	11	.092	15	.125	15	.008	22	.014	11
54			min	-.07	3	-.216	18	-.123	22	-.107	23	-.006	15	-.013	18
55		3	max	.116	27	.217	11	.09	15	.125	15	0	23	0	34
56			min	-.07	3	-.216	18	-.122	22	-.107	23	0	15	0	91
57		4	max	0	42	.003	34	.002	31	0	98	0	23	0	34
58			min	0	34	0	92	-.002	7	0	1	0	15	0	83
59		5	max	0	98	0	34	0	14	0	98	0	98	0	98
60			min	0	1	0	42	0	16	0	1	0	1	0	1
61	CP2-1	1	max	0	98	0	33	0	21	0	98	0	98	0	98
62			min	0	1	0	30	0	25	0	1	0	1	0	1
63		2	max	0	34	0	86	.002	23	0	98	0	23	0	46
64			min	0	42	-.003	46	-.002	15	0	1	0	15	0	83
65		3	max	.243	23	.157	29	.324	23	.179	23	0	23	0	46
66			min	-.202	15	-.262	19	-.286	15	-.189	15	0	15	0	87
67		4	max	.243	23	.156	29	.325	23	.179	23	.02	23	.016	19
68			min	-.202	15	-.263	19	-.288	15	-.189	15	-.018	15	-.01	29
69		5	max	.243	23	.155	29	.327	23	.179	23	.041	23	.033	19
70			min	-.202	15	-.264	19	-.29	15	-.189	15	-.036	15	-.019	29
71	CP2-2	1	max	.404	23	.155	29	.055	13	.093	23	.041	23	.166	15
72			min	-.352	15	-.264	19	-.072	21	-.09	15	-.036	15	-.153	23
73		2	max	.408	23	.151	29	.057	13	.093	23	.033	25	.203	33
74			min	-.356	15	-.268	19	-.075	21	-.09	15	-.034	17	-.141	23
75		3	max	.412	23	.233	16	.07	33	.093	23	.042	10	.275	18
76			min	-.359	15	-.272	19	-.078	20	-.09	15	-.048	18	-.149	24
77		4	max	.151	28	.23	16	.066	18	.062	21	.023	27	.159	2
78			min	-.105	4	-.211	23	-.049	10	-.052	13	-.025	3	-.106	28
79		5	max	.147	28	.226	16	.058	18	.062	21	.016	28	.112	4

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
80			min	-.101	4	-.215	23	-.04	10	-.052	13	-.013	4	-.094	29
81	CP2-3	1	max	.12	32	.226	16	.1	4	.124	5	.016	28	.028	16
82			min	-.074	8	-.215	23	-.132	28	-.107	29	-.013	4	-.027	23
83		2	max	.12	32	.226	16	.099	4	.124	5	.008	28	.014	16
84			min	-.073	8	-.215	23	-.13	28	-.107	29	-.006	4	-.013	23
85		3	max	.119	32	.225	16	.097	4	.124	5	0	29	0	42
86			min	-.073	8	-.216	23	-.129	28	-.107	29	0	5	0	83
87		4	max	0	34	.003	42	.002	21	0	98	0	29	0	42
88			min	0	42	0	83	-.002	13	0	1	0	5	0	83
89		5	max	0	98	0	42	0	3	0	98	0	98	0	98
90			min	0	1	0	34	0	8	0	1	0	1	0	1
91	CP3-1	1	max	0	98	0	22	0	26	0	98	0	98	0	98
92			min	0	1	0	19	0	6	0	1	0	1	0	1
93		2	max	0	42	0	91	.002	29	0	98	0	29	0	34
94			min	0	34	-.003	34	-.002	5	0	1	0	5	0	83
95		3	max	.247	28	.157	18	.327	29	.18	29	0	29	0	34
96			min	-.205	4	-.264	24	-.289	5	-.189	5	0	5	0	83
97		4	max	.247	28	.156	18	.328	29	.18	29	.021	29	.017	24
98			min	-.205	4	-.265	24	-.291	5	-.189	5	-.018	5	-.01	18
99		5	max	.247	28	.155	18	.33	29	.18	29	.041	29	.033	24
100			min	-.206	4	-.266	24	-.292	5	-.189	5	-.037	5	-.019	18
101	CP3-2	1	max	.408	29	.156	18	.055	2	.094	12	.041	29	.166	5
102			min	-.355	5	-.266	24	-.073	26	-.09	5	-.037	5	-.153	29
103		2	max	.411	29	.152	18	.057	2	.094	12	.034	30	.203	22
104			min	-.359	5	-.27	24	-.075	26	-.09	5	-.034	6	-.142	29
105		3	max	.415	29	.394	55	.07	22	.094	12	.042	15	.275	23
106			min	-.363	5	-.274	24	-.078	25	-.09	5	-.048	23	-.144	29
107		4	max	.147	18	.389	55	.066	23	.062	26	.023	33	.159	7
108			min	-.102	10	-.211	29	-.049	15	-.069	51	-.025	9	-.103	18
109		5	max	.144	18	.385	55	.058	23	.062	26	.015	18	.109	10
110			min	-.099	10	-.215	29	-.04	15	-.069	51	-.011	10	-.094	18
111	CP3-3	1	max	.118	22	.385	55	.092	10	.125	10	.015	18	.048	55
112			min	-.072	14	-.215	29	-.123	18	-.107	18	-.011	10	-.027	29
113		2	max	.118	22	.384	55	.09	10	.125	10	.008	18	.024	55
114			min	-.072	14	-.216	29	-.121	18	-.107	18	-.006	10	-.013	29
115		3	max	.118	22	.384	55	.089	10	.125	10	0	18	0	44
116			min	-.072	14	-.216	29	-.12	33	-.107	18	0	10	0	83
117		4	max	0	24	.003	44	.002	26	0	98	0	18	0	44
118			min	0	12	0	87	-.002	2	0	1	0	10	0	83
119		5	max	0	98	0	44	0	9	0	98	0	98	0	98
120			min	0	1	0	24	0	1	0	1	0	1	0	1
121	FF1-BH	1	max	0	98	0	20	0	31	0	98	0	98	0	98
122			min	0	1	-.375	50	0	3	0	1	0	1	0	1
123		2	max	.194	33	-.006	4	.074	14	.175	47	.265	14	.803	40
124			min	-.14	9	-.392	43	-.096	22	-.007	2	-.287	22	-.228	15
125		3	max	.923	26	.215	5	.074	17	.073	14	.151	26	.188	2
126			min	-.762	2	-.202	13	-.075	25	-.068	6	-.141	2	-.309	26
127		4	max	.449	19	.434	40	.132	26	.055	10	.264	6	.78	44
128			min	-.393	11	-.017	16	-.121	2	-.164	34	-.285	30	-.256	5
129		5	max	0	98	0	35	0	19	0	98	0	98	0	98
130			min	0	1	0	32	0	7	0	1	0	1	0	1
131	FF2-BH	1	max	0	98	0	26	0	20	0	98	0	98	0	98
132			min	0	1	0	38	0	9	0	1	0	1	0	1
133		2	max	.195	22	-.007	9	.072	3	.177	36	.26	4	.803	45
134			min	-.141	14	-.398	34	-.094	27	-.006	7	-.283	28	-.228	5
135		3	max	.922	31	.215	10	.076	6	.073	3	.151	31	.188	7
136			min	-.761	7	-.202	2	-.078	30	-.068	11	-.141	7	-.309	31

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Checked By: CLT

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
137		4	max	.45	25	.433	45	.133	31	.055	15	.257	11	.797	34
138			min	-.394	17	-.008	5	-.122	7	-.156	39	-.278	19	-.256	10
139		5	max	0	98	0	46	0	25	0	98	0	98	0	98
140			min	0	1	0	21	0	12	0	1	0	1	0	1
141	FF3-BH	1	max	0	98	0	31	0	26	0	98	0	98	0	98
142			min	0	1	0	42	0	6	0	1	0	1	0	1
143		2	max	.194	27	-.007	14	.072	9	.175	42	.258	9	.82	34
144			min	-.14	3	-.391	38	-.094	33	-.007	13	-.28	33	-.228	10
145		3	max	.922	21	.215	15	.074	11	.073	9	.151	21	.188	13
146			min	-.761	13	-.202	7	-.076	19	-.068	17	-.141	13	-.309	21
147		4	max	.451	30	.447	34	.131	21	.059	4	.284	12	.781	39
148			min	-.395	6	-.008	10	-.12	13	-.156	44	-.3	20	-.256	15
149		5	max	0	98	0	46	0	30	0	98	0	98	0	98
150			min	0	1	0	26	0	2	0	1	0	1	0	1
151	GS-1	1	max	1.591	27	.059	49	.029	26	0	4	0	98	0	98
152			min	-1.455	3	.018	83	-.029	2	0	43	0	1	0	1
153		2	max	1.594	27	.024	49	.015	26	0	4	.036	42	.006	10
154			min	-1.458	3	.007	83	-.015	2	0	43	-.006	2	-.036	34
155		3	max	1.597	27	-.001	98	0	98	0	4	.045	42	.009	10
156			min	-1.461	3	-.004	34	0	1	0	43	-.009	2	-.045	34
157		4	max	1.6	27	-.008	98	.015	18	0	4	.032	42	.008	10
158			min	-1.465	3	-.026	34	-.015	10	0	43	-.008	2	-.032	34
159		5	max	1.603	27	-.013	98	.029	18	0	4	0	98	0	98
160			min	-1.468	3	-.043	34	-.029	10	0	43	0	1	0	1
161	GS-2	1	max	1.405	30	.043	49	.027	31	0	45	0	98	0	98
162			min	-1.256	6	.013	83	-.027	7	0	5	0	1	0	1
163		2	max	1.4	30	.026	49	.013	31	0	45	.032	47	.007	15
164			min	-1.25	6	.008	83	-.013	7	0	5	-.007	7	-.032	39
165		3	max	1.394	30	.004	49	0	98	0	45	.045	47	.008	15
166			min	-1.245	6	.001	83	0	1	0	5	-.008	7	-.045	39
167		4	max	1.389	30	-.007	98	.013	23	0	45	.036	47	.005	15
168			min	-1.239	6	-.024	34	-.013	15	0	5	-.005	7	-.036	39
169		5	max	1.383	30	-.018	98	.027	23	0	45	0	98	0	98
170			min	-1.234	6	-.059	34	-.027	15	0	5	0	1	0	1
171	GS-3	1	max	1.589	33	.06	49	.026	31	0	9	0	98	0	98
172			min	-1.453	9	.018	83	-.026	7	0	34	0	1	0	1
173		2	max	1.593	33	.025	49	.013	31	0	9	.036	47	.005	15
174			min	-1.458	9	.007	83	-.013	7	0	34	-.005	7	-.036	39
175		3	max	1.597	33	-.001	98	0	98	0	9	.045	47	.007	15
176			min	-1.462	9	-.004	34	0	1	0	34	-.007	7	-.045	39
177		4	max	1.602	33	-.008	98	.013	23	0	9	.032	47	.006	15
178			min	-1.466	9	-.027	34	-.013	15	0	34	-.006	7	-.032	39
179		5	max	1.606	33	-.013	98	.026	23	0	9	0	98	0	98
180			min	-1.47	9	-.043	34	-.026	15	0	34	0	1	0	1
181	GS-4	1	max	1.397	19	.043	49	.026	21	0	34	0	98	0	98
182			min	-1.247	11	.013	83	-.026	13	0	10	0	1	0	1
183		2	max	1.392	19	.027	49	.013	21	0	34	.032	37	.006	5
184			min	-1.243	11	.008	83	-.013	13	0	10	-.006	13	-.032	45
185		3	max	1.388	19	.004	49	0	98	0	34	.045	37	.007	5
186			min	-1.239	11	.001	83	0	1	0	10	-.007	13	-.045	45
187		4	max	1.384	19	-.007	98	.013	29	0	34	.036	37	.005	5
188			min	-1.235	11	-.025	34	-.013	5	0	10	-.005	13	-.036	45
189		5	max	1.38	19	-.018	98	.026	29	0	34	0	98	0	98
190			min	-1.23	11	-.06	34	-.026	5	0	10	0	1	0	1
191	GS-5	1	max	1.592	22	.059	49	.027	21	0	14	0	98	0	98
192			min	-1.457	14	.018	83	-.027	13	0	39	0	1	0	1
193		2	max	1.598	22	.024	49	.013	21	0	14	.036	37	.005	5

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
194			min	-1.462	14	.007	83	-.013	13	0	39	-.005	13	-.036	45
195		3	max	1.603	22	-.001	98	0	98	0	14	.045	37	.008	5
196			min	-1.468	14	-.004	34	0	1	0	39	-.008	13	-.045	45
197		4	max	1.609	22	-.008	98	.013	29	0	14	.032	37	.007	5
198			min	-1.473	14	-.026	34	-.013	5	0	39	-.007	13	-.032	45
199		5	max	1.614	22	-.013	98	.027	29	0	14	0	98	0	98
200			min	-1.479	14	-.043	34	-.027	5	0	39	0	1	0	1
201	GS-6	1	max	1.394	25	.043	49	.029	26	0	40	0	98	0	98
202			min	-1.245	17	.013	83	-.029	2	0	16	0	1	0	1
203		2	max	1.391	25	.026	49	.015	26	0	40	.032	42	.008	10
204			min	-1.242	17	.008	83	-.015	2	0	16	-.008	2	-.032	34
205		3	max	1.388	25	.004	49	0	98	0	40	.045	42	.009	10
206			min	-1.239	17	.001	83	0	1	0	16	-.009	2	-.045	34
207		4	max	1.385	25	-.007	98	.015	18	0	40	.036	42	.006	10
208			min	-1.235	17	-.024	34	-.015	10	0	16	-.006	2	-.036	34
209		5	max	1.382	25	-.018	98	.029	18	0	40	0	98	0	98
210			min	-1.232	17	-.059	34	-.029	10	0	16	0	1	0	1
211	INT1P1	1	max	0	98	0	27	0	22	0	98	0	98	0	98
212			min	0	1	0	34	0	3	0	1	0	1	0	1
213		2	max	.001	31	0	94	.003	33	0	98	0	33	0	34
214			min	-.001	6	-.004	34	-.003	9	0	1	0	9	0	91
215		3	max	1.231	3	1.301	44	.475	4	.017	6	.09	12	.423	44
216			min	-1.325	27	-.433	4	-.507	12	-.088	48	-.085	4	-.155	4
217		4	max	1.23	3	1.297	44	.475	4	.017	6	.053	33	.281	43
218			min	-1.324	27	-.434	4	-.508	12	-.088	48	-.05	25	-.108	3
219		5	max	1.228	3	1.293	44	.475	4	.017	6	.05	2	.14	42
220			min	-1.323	27	-.434	4	-.508	12	-.088	48	-.051	26	-.064	3
221	INT1P2	1	max	1.291	3	1.293	44	.407	26	.062	10	.05	2	.162	44
222			min	-1.393	27	-.433	4	-.402	2	-.07	18	-.051	26	-.054	4
223		2	max	1.29	3	1.29	44	.405	26	.062	10	.025	2	.081	44
224			min	-1.392	27	-.434	4	-.4	2	-.07	18	-.025	26	-.027	4
225		3	max	1.289	3	1.287	44	.404	26	.062	10	0	18	0	40
226			min	-1.391	27	-.434	4	-.398	2	-.07	18	0	10	0	83
227		4	max	0	24	.003	36	.002	26	0	98	0	18	0	41
228			min	0	12	0	95	-.002	2	0	1	0	10	0	83
229		5	max	0	98	0	36	0	33	0	98	0	98	0	98
230			min	0	1	0	32	0	1	0	1	0	1	0	1
231	INT1P3	1	max	0	98	0	30	0	30	0	98	0	98	0	98
232			min	0	1	0	34	0	3	0	1	0	1	0	1
233		2	max	.001	31	0	94	.003	33	0	98	0	33	0	34
234			min	-.001	6	-.004	34	-.003	9	0	1	0	9	0	91
235		3	max	1.064	6	1.327	45	.402	14	.088	42	.077	33	.431	45
236			min	-1.17	30	-.427	5	-.358	6	-.022	4	-.086	25	-.146	6
237		4	max	1.063	6	1.323	45	.402	14	.088	42	.063	33	.286	45
238			min	-1.168	30	-.427	5	-.359	6	-.022	4	-.066	25	-.103	6
239		5	max	1.061	6	1.319	45	.403	14	.088	42	.052	32	.142	47
240			min	-1.167	30	-.428	5	-.359	6	-.022	4	-.051	8	-.059	6
241	INT1P4	1	max	1.098	6	1.319	45	.408	8	.055	23	.052	32	.165	45
242			min	-1.213	30	-.428	5	-.415	32	-.049	15	-.051	8	-.053	5
243		2	max	1.097	6	1.316	45	.406	8	.055	23	.026	32	.083	45
244			min	-1.212	30	-.428	5	-.413	32	-.049	15	-.026	8	-.027	5
245		3	max	1.096	6	1.313	45	.405	8	.055	23	0	31	0	34
246			min	-1.211	30	-.429	5	-.412	32	-.049	15	0	7	0	87
247		4	max	0	34	.003	34	.002	23	0	98	0	31	0	34
248			min	0	42	0	91	-.002	15	0	1	0	7	0	83
249		5	max	0	98	0	34	0	28	0	98	0	98	0	98
250			min	0	1	0	42	0	9	0	1	0	1	0	1

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
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Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
251	INT2P1	1	max	0	98	0	34	0	28	0	98	0	98	0	98
252			min	0	1	0	42	0	9	0	1	0	1	0	1
253		2	max	.001	32	0	83	.003	22	0	98	0	22	0	42
254			min	-.001	8	-.004	42	-.003	14	0	1	0	14	0	83
255		3	max	1.251	8	1.335	34	.456	9	.017	11	.079	17	.433	34
256			min	-1.344	32	-.416	10	-.493	17	-.088	37	-.073	9	-.152	9
257		4	max	1.249	8	1.331	34	.456	9	.017	11	.054	22	.288	34
258			min	-1.342	32	-.417	10	-.493	17	-.088	37	-.051	30	-.108	9
259		5	max	1.248	8	1.327	34	.457	9	.017	11	.051	7	.142	34
260			min	-1.341	32	-.418	10	-.494	17	-.088	37	-.051	31	-.065	8
261	INT2P2	1	max	1.291	9	1.327	34	.409	31	.062	15	.051	7	.166	34
262			min	-1.392	33	-.417	10	-.404	7	-.07	23	-.051	31	-.052	10
263		2	max	1.29	9	1.324	34	.408	31	.062	15	.025	7	.083	34
264			min	-1.392	33	-.418	10	-.402	7	-.07	23	-.026	31	-.026	10
265		3	max	1.289	9	1.322	34	.406	31	.062	15	0	23	0	42
266			min	-1.391	33	-.418	10	-.401	7	-.07	23	0	15	0	83
267		4	max	0	42	.003	42	.002	31	0	98	0	23	0	42
268			min	0	34	0	83	-.002	7	0	1	0	15	0	83
269		5	max	0	98	0	42	0	22	0	98	0	98	0	98
270			min	0	1	0	34	0	4	0	1	0	1	0	1
271	INT2P3	1	max	0	98	0	34	0	20	0	98	0	98	0	98
272			min	0	1	0	42	0	9	0	1	0	1	0	1
273		2	max	.001	32	0	83	.003	22	0	98	0	22	0	42
274			min	-.001	8	-.004	42	-.003	14	0	1	0	14	0	83
275		3	max	1.075	12	1.364	34	.396	3	.086	48	.078	22	.444	34
276			min	-1.179	20	-.427	10	-.352	11	-.02	9	-.087	30	-.146	11
277		4	max	1.073	12	1.36	34	.396	3	.086	48	.064	22	.295	34
278			min	-1.177	20	-.427	10	-.353	11	-.02	9	-.067	30	-.102	11
279		5	max	1.072	12	1.356	34	.397	3	.086	48	.049	22	.146	34
280			min	-1.176	20	-.428	10	-.353	11	-.02	9	-.048	14	-.059	11
281	INT2P4	1	max	1.093	11	1.357	34	.38	14	.055	29	.049	22	.17	34
282			min	-1.208	19	-.428	10	-.392	22	-.049	5	-.048	14	-.053	10
283		2	max	1.092	11	1.354	34	.379	14	.055	29	.025	22	.085	34
284			min	-1.207	19	-.428	10	-.391	22	-.049	5	-.024	14	-.027	10
285		3	max	1.092	11	1.351	34	.378	14	.055	29	0	21	0	42
286			min	-1.207	19	-.429	10	-.389	22	-.049	5	0	13	0	83
287		4	max	0	42	.003	42	.002	29	0	98	0	21	0	42
288			min	0	34	0	83	-.002	5	0	1	0	13	0	83
289		5	max	0	98	0	42	0	32	0	98	0	98	0	98
290			min	0	1	0	34	0	14	0	1	0	1	0	1
291	INT3P1	1	max	0	98	0	22	0	33	0	98	0	98	0	98
292			min	0	1	0	34	0	6	0	1	0	1	0	1
293		2	max	.001	22	0	89	.003	27	0	98	0	27	0	34
294			min	-.001	13	-.004	34	-.003	3	0	1	0	3	0	86
295		3	max	1.232	14	1.298	39	.462	14	.019	16	.081	6	.42	39
296			min	-1.327	22	-.416	15	-.499	6	-.09	42	-.074	14	-.152	14
297		4	max	1.231	14	1.294	39	.462	14	.019	16	.053	27	.279	39
298			min	-1.325	22	-.417	15	-.499	6	-.09	42	-.05	19	-.108	14
299		5	max	1.23	14	1.29	39	.463	14	.019	16	.052	12	.139	37
300			min	-1.324	22	-.418	15	-.5	6	-.09	42	-.052	20	-.064	14
301	INT3P2	1	max	1.295	14	1.29	39	.42	20	.062	5	.052	12	.161	39
302			min	-1.397	22	-.417	15	-.414	12	-.07	29	-.052	20	-.052	15
303		2	max	1.294	14	1.287	39	.418	20	.062	5	.026	12	.081	39
304			min	-1.396	22	-.418	15	-.413	12	-.07	29	-.026	20	-.026	15
305		3	max	1.294	14	1.284	39	.417	20	.062	5	0	29	0	34
306			min	-1.396	22	-.418	15	-.411	12	-.07	29	0	5	0	88
307		4	max	0	34	.003	34	.002	21	0	98	0	29	0	34

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
308			min	0	42	0	88	-.002	13	0	1	0	5	0	83
309		5	max	0	98	0	34	0	27	0	98	0	98	0	98
310			min	0	1	0	42	0	1	0	1	0	1	0	1
311	INT3P3	1	max	0	98	0	25	0	25	0	98	0	98	0	98
312			min	0	1	0	34	0	14	0	1	0	1	0	1
313		2	max	.001	22	0	89	.003	27	0	98	0	27	0	34
314			min	-.001	13	-.004	34	-.003	3	0	1	0	3	0	86
315		3	max	1.062	17	1.329	40	.395	9	.086	37	.077	27	.433	40
316			min	-1.168	25	-.438	16	-.353	16	-.02	14	-.086	19	-.153	16
317		4	max	1.061	17	1.325	40	.396	9	.086	37	.063	27	.287	40
318			min	-1.167	25	-.439	16	-.353	16	-.02	14	-.066	19	-.105	16
319		5	max	1.06	17	1.321	40	.397	9	.086	37	.048	27	.143	41
320			min	-1.166	25	-.439	16	-.353	16	-.02	14	-.047	3	-.059	17
321	INT3P4	1	max	1.093	17	1.321	40	.376	3	.055	18	.048	27	.165	40
322			min	-1.208	25	-.439	16	-.387	27	-.049	10	-.047	3	-.055	16
323		2	max	1.093	17	1.318	40	.375	3	.055	18	.024	27	.083	40
324			min	-1.207	25	-.439	16	-.386	27	-.049	10	-.024	3	-.027	16
325		3	max	1.092	17	1.316	40	.373	3	.055	18	0	26	0	48
326			min	-1.207	25	-.439	16	-.385	27	-.049	10	0	2	0	83
327		4	max	0	32	.003	48	.002	18	0	98	0	26	0	49
328			min	0	4	0	86	-.002	10	0	1	0	2	0	83
329		5	max	0	98	0	48	0	98	0	98	0	98	0	98
330			min	0	1	0	20	0	3	0	1	0	1	0	1
331	MP-1	1	max	0	98	0	19	0	21	0	98	0	98	0	98
332			min	0	1	0	42	0	30	0	1	0	1	0	1
333		2	max	.226	22	.048	34	.072	8	.121	10	.24	32	.239	18
334			min	-.17	63	-.012	7	-.081	33	-.158	18	-.238	8	-.221	10
335		3	max	.242	22	.058	34	.096	7	.121	10	.023	17	.144	2
336			min	-.154	63	-.034	10	-.106	29	-.158	18	-.059	41	-.176	26
337		4	max	.259	22	.084	18	.121	7	.121	10	.251	5	-.007	17
338			min	-.137	63	-.063	10	-.132	29	-.158	18	-.32	29	-.159	34
339		5	max	0	98	0	42	0	30	0	98	0	98	0	98
340			min	0	1	0	18	0	37	0	1	0	1	0	1
341	MP-2	1	max	0	98	0	26	0	37	0	98	0	98	0	98
342			min	0	1	0	49	0	30	0	1	0	1	0	1
343		2	max	.552	25	.082	10	.138	7	.076	11	.436	29	.273	2
344			min	-.422	16	-.079	2	-.121	31	-.104	19	-.452	5	-.309	26
345		3	max	.576	25	.025	9	.179	7	.076	11	.071	28	.362	2
346			min	-.404	16	-.024	16	-.163	31	-.104	19	-.044	4	-.402	26
347		4	max	.601	25	.04	18	.223	6	.076	11	.463	23	.373	2
348			min	-.386	16	-.038	26	-.205	31	-.104	19	-.395	15	-.418	26
349		5	max	0	98	0	42	0	45	0	98	0	98	0	98
350			min	0	1	0	18	0	21	0	1	0	1	0	1
351	MP-3	1	max	0	98	0	26	0	22	0	98	0	98	0	98
352			min	0	1	0	35	0	47	0	1	0	1	0	1
353		2	max	.565	27	.169	10	.098	21	.105	18	.41	13	.2	2
354			min	-.498	3	-.165	2	-.105	13	-.081	10	-.417	21	-.234	26
355		3	max	.657	27	.04	18	.22	21	.105	18	.094	16	.487	2
356			min	-.429	3	-.037	26	-.226	13	-.081	10	-.121	24	-.527	26
357		4	max	.735	43	.156	18	.293	21	.105	18	.536	21	.267	2
358			min	-.38	3	-.153	26	-.3	13	-.081	10	-.577	13	-.313	26
359		5	max	0	98	0	42	0	31	0	98	0	98	0	98
360			min	0	1	0	18	0	39	0	1	0	1	0	1
361	MP-4	1	max	0	98	0	32	0	22	0	98	0	98	0	98
362			min	0	1	0	42	0	31	0	1	0	1	0	1
363		2	max	.152	14	.269	26	.1	33	.161	18	.344	12	.415	18
364			min	-.129	22	-.24	2	-.079	9	-.126	10	-.336	20	-.375	10

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
365		3	max	.235	45	.077	34	.122	20	.161	18	.091	28	.296	2
366			min	-.067	6	-.04	10	-.119	13	-.126	10	-.071	4	-.323	26
367		4	max	.47	45	.37	18	.284	21	.161	18	.282	21	.096	2
368			min	-.019	6	-.342	10	-.282	13	-.126	10	-.255	13	-.213	43
369		5	max	0	98	0	42	0	47	0	98	0	98	0	98
370			min	0	1	0	18	0	21	0	1	0	1	0	1
371	MP-5	1	max	0	98	0	18	0	21	0	98	0	98	0	98
372			min	0	1	0	26	0	45	0	1	0	1	0	1
373		2	max	.226	27	.061	18	.077	37	.121	15	.282	14	.194	18
374			min	-.129	19	-.061	10	-.046	13	-.158	23	-.306	22	-.205	10
375		3	max	.242	27	.09	18	.093	21	.121	15	.174	31	.053	15
376			min	-.113	19	-.09	10	-.071	13	-.158	23	-.133	7	-.063	23
377		4	max	.259	27	.12	18	.119	22	.121	15	.267	36	.245	10
378			min	-.099	3	-.119	10	-.096	13	-.158	23	-.11	12	-.257	18
379		5	max	0	98	0	42	0	47	0	98	0	98	0	98
380			min	0	1	0	33	0	22	0	1	0	1	0	1
381	MP-6	1	max	0	98	0	20	0	31	0	98	0	98	0	98
382			min	0	1	0	27	0	39	0	1	0	1	0	1
383		2	max	.551	30	.128	21	.086	17	.077	16	.376	30	.434	18
384			min	-.412	6	-.142	13	-.092	9	-.104	24	-.341	6	-.429	10
385		3	max	.575	30	.152	21	.082	18	.077	16	.328	31	.237	32
386			min	-.394	6	-.166	13	-.092	10	-.104	24	-.307	7	-.194	8
387		4	max	.6	30	.186	18	.103	21	.077	16	.359	17	.511	30
388			min	-.375	6	-.2	10	-.113	29	-.104	24	-.357	9	-.439	5
389		5	max	0	98	0	25	0	47	0	98	0	98	0	98
390			min	0	1	0	48	0	23	0	1	0	1	0	1
391	MP-7	1	max	0	98	0	37	0	33	0	98	0	98	0	98
392			min	0	1	0	27	0	42	0	1	0	1	0	1
393		2	max	.575	32	.09	6	.169	16	.105	23	.267	30	.401	2
394			min	-.498	9	-.085	30	-.165	24	-.081	14	-.231	6	-.391	26
395		3	max	.667	32	.195	2	.114	2	.105	23	.478	31	.251	16
396			min	-.429	9	-.189	26	-.111	26	-.081	14	-.431	7	-.254	24
397		4	max	.762	34	.281	2	.194	6	.105	23	.473	33	.406	29
398			min	-.38	9	-.274	26	-.189	30	-.081	14	-.422	9	-.429	5
399		5	max	0	98	0	25	0	47	0	98	0	98	0	98
400			min	0	1	0	34	0	23	0	1	0	1	0	1
401	MP-8	1	max	0	98	0	34	0	21	0	98	0	98	0	98
402			min	0	1	0	27	0	45	0	1	0	1	0	1
403		2	max	.152	3	.117	9	.244	31	.161	23	.288	14	.422	17
404			min	-.129	27	-.136	32	-.23	23	-.126	15	-.317	22	-.447	25
405		3	max	.244	34	.114	2	.066	22	.161	23	.257	15	.221	32
406			min	-.067	11	-.131	26	-.051	14	-.126	15	-.248	23	-.186	8
407		4	max	.479	34	.33	17	.329	22	.161	23	.243	33	.329	42
408			min	-.019	11	-.354	25	-.315	14	-.126	15	-.18	25	-.183	3
409		5	max	0	98	0	26	0	47	0	98	0	98	0	98
410			min	0	1	0	34	0	23	0	1	0	1	0	1
411	MP-9	1	max	0	98	0	34	0	22	0	98	0	98	0	98
412			min	0	1	0	25	0	31	0	1	0	1	0	1
413		2	max	.226	33	.067	2	.025	23	.121	5	.198	14	.29	3
414			min	-.129	25	-.095	42	-.04	15	-.158	29	-.19	6	-.312	27
415		3	max	.242	33	.096	2	.054	6	.121	5	.117	29	.126	21
416			min	-.113	25	-.111	26	-.066	15	-.158	29	-.131	4	-.091	12
417		4	max	.259	33	.125	2	.083	6	.121	5	.126	23	.324	42
418			min	-.099	9	-.14	26	-.091	15	-.158	29	-.174	31	-.203	16
419		5	max	0	98	0	26	0	30	0	98	0	98	0	98
420			min	0	1	0	34	0	22	0	1	0	1	0	1
421	MP-10	1	max	0	98	0	47	0	42	0	98	0	98	0	98

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
422			min	0	1	0	25	0	19	0	1	0	1	0	1
423		2	max	.553	20	.132	15	.114	27	.076	6	.323	14	.432	2
424			min	-.413	11	-.116	23	-.121	3	-.104	30	-.349	22	-.4	26
425		3	max	.577	20	.158	16	.101	26	.076	6	.32	13	.177	4
426			min	-.394	11	-.14	24	-.108	2	-.104	30	-.369	21	-.179	28
427		4	max	.602	20	.193	2	.12	23	.076	6	.441	11	.378	23
428			min	-.376	11	-.178	26	-.127	15	-.104	30	-.504	19	-.425	15
429		5	max	0	98	0	26	0	29	0	98	0	98	0	98
430			min	0	1	0	34	0	37	0	1	0	1	0	1
431	MP-11	1	max	0	98	0	31	0	45	0	98	0	98	0	98
432			min	0	1	0	24	0	21	0	1	0	1	0	1
433		2	max	.565	22	.136	30	.135	12	.111	28	.287	30	.343	18
434			min	-.497	14	-.14	6	-.136	4	-.088	4	-.309	22	-.323	8
435		3	max	.656	22	.191	31	.112	7	.111	28	.412	13	.316	20
436			min	-.428	14	-.197	7	-.108	31	-.088	4	-.434	21	-.273	12
437		4	max	.727	39	.251	18	.21	22	.111	28	.3	11	.592	23
438			min	-.379	14	-.257	10	-.21	30	-.088	4	-.315	3	-.542	15
439		5	max	0	98	0	28	0	29	0	98	0	98	0	98
440			min	0	1	0	36	0	37	0	1	0	1	0	1
441	MP-12	1	max	0	98	0	34	0	40	0	98	0	98	0	98
442			min	0	1	0	26	0	32	0	1	0	1	0	1
443		2	max	.154	8	.18	28	.186	13	.162	28	.461	30	.235	3
444			min	-.129	33	-.173	4	-.221	21	-.126	5	-.422	6	-.259	10
445		3	max	.237	40	.082	18	.078	7	.162	28	.265	13	.133	4
446			min	-.067	17	-.092	7	-.106	31	-.126	5	-.304	21	-.147	28
447		4	max	.473	40	.288	19	.339	6	.162	28	.086	9	.262	7
448			min	-.019	17	-.288	11	-.369	30	-.126	5	-.3	34	-.245	30
449		5	max	0	98	0	27	0	30	0	98	0	98	0	98
450			min	0	1	0	19	0	37	0	1	0	1	0	1
451	MP-15	1	max	0	98	0	19	0	21	0	98	0	98	0	98
452			min	0	1	0	42	0	45	0	1	0	1	0	1
453		2	max	.027	49	.02	18	.02	6	0	98	.02	6	.02	26
454			min	.006	83	-.02	26	-.02	30	0	1	-.02	30	-.02	18
455		3	max	-.15	98	.212	27	.25	30	.22	29	.384	22	.431	42
456			min	-.449	34	-.212	19	-.25	6	-.22	5	-.22	14	-.126	3
457		4	max	-.006	98	.02	10	.02	30	0	98	.02	6	.02	10
458			min	-.027	34	-.02	18	-.02	6	0	1	-.02	30	-.02	18
459		5	max	0	98	0	15	0	38	0	98	0	98	0	98
460			min	0	1	0	39	0	4	0	1	0	1	0	1
461	MP-17	1	max	0	98	0	34	0	22	0	98	0	98	0	98
462			min	0	1	0	26	0	46	0	1	0	1	0	1
463		2	max	.027	49	.02	18	.02	22	0	98	.02	22	.02	26
464			min	.006	83	-.02	26	-.02	30	0	1	-.02	30	-.02	18
465		3	max	-.15	98	.27	10	.178	31	.223	18	.082	22	.311	10
466			min	-.449	34	-.271	18	-.178	21	-.223	10	-.454	47	-.311	18
467		4	max	-.006	98	.02	10	.02	14	0	98	.02	22	.02	10
468			min	-.027	34	-.02	18	-.02	22	0	1	-.02	14	-.02	18
469		5	max	0	98	0	10	0	8	0	98	0	98	0	98
470			min	0	1	0	34	0	46	0	1	0	1	0	1
471	MP-13	1	max	0	98	0	33	0	39	0	98	0	98	0	98
472			min	0	1	0	42	0	31	0	1	0	1	0	1
473		2	max	.027	49	.02	18	.02	22	0	98	.02	22	.02	26
474			min	.006	83	-.02	26	-.02	30	0	1	-.02	30	-.02	18
475		3	max	-.15	98	.213	25	.25	14	.22	23	.384	22	.126	9
476			min	-.449	34	-.212	17	-.25	22	-.22	15	-.22	14	-.429	34
477		4	max	-.006	98	.02	26	.02	14	0	98	.02	22	.02	26
478			min	-.027	34	-.02	2	-.02	22	0	1	-.02	14	-.02	2

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
479		5	max	0	98	0	37	0	16	0	98	0	98	0	98
480			min	0	1	0	14	0	46	0	1	0	1	0	1
481	CPR1	1	max	.322	18	.159	23	.202	10	0	98	.01	18	.188	10
482			min	-.285	10	-.261	30	-.244	18	0	1	-.008	10	-.181	18
483		2	max	.322	18	.159	23	.202	10	0	98	.008	18	.188	10
484			min	-.285	10	-.261	30	-.244	18	0	1	-.006	10	-.18	18
485		3	max	.322	18	.159	23	.202	10	0	98	.005	18	.188	10
486			min	-.285	10	-.261	30	-.244	18	0	1	-.004	10	-.18	18
487		4	max	.322	18	.159	23	.202	10	0	98	.003	18	.189	10
488			min	-.285	10	-.261	30	-.244	18	0	1	-.002	10	-.18	18
489		5	max	.322	18	.159	23	.202	10	0	98	0	22	.189	10
490			min	-.285	10	-.261	30	-.244	18	0	1	0	29	-.179	18
491	CPR2	1	max	.12	22	.218	18	.116	27	0	46	.003	3	.125	31
492			min	-.087	15	-.217	11	-.07	3	0	40	-.005	27	-.106	23
493		2	max	.12	22	.218	18	.116	27	0	46	.002	3	.125	31
494			min	-.087	15	-.217	11	-.07	3	0	40	-.004	27	-.106	23
495		3	max	.12	22	.218	18	.116	27	0	46	.001	3	.125	31
496			min	-.087	15	-.217	11	-.07	3	0	40	-.002	27	-.106	23
497		4	max	.12	22	.218	18	.116	27	0	46	0	3	.125	15
498			min	-.087	15	-.217	11	-.07	3	0	40	-.001	27	-.107	23
499		5	max	.12	22	.218	18	.116	27	0	46	0	33	.125	15
500			min	-.087	15	-.217	11	-.07	3	0	40	0	25	-.107	23
501	CPR3	1	max	.32	23	.158	29	.202	15	0	43	.01	23	.188	15
502			min	-.283	15	-.261	19	-.243	23	0	34	-.008	15	-.18	23
503		2	max	.32	23	.158	29	.202	15	0	43	.008	23	.188	15
504			min	-.283	15	-.261	19	-.243	23	0	34	-.006	15	-.18	23
505		3	max	.32	23	.158	29	.202	15	0	43	.005	23	.188	15
506			min	-.283	15	-.261	19	-.243	23	0	34	-.004	15	-.18	23
507		4	max	.32	23	.158	29	.202	15	0	43	.003	23	.189	15
508			min	-.283	15	-.261	19	-.243	23	0	34	-.002	15	-.18	23
509		5	max	.32	23	.158	29	.202	15	0	43	0	20	.189	15
510			min	-.283	15	-.261	19	-.243	23	0	34	0	33	-.179	23
511	CPR4	1	max	.126	28	.218	23	.118	32	0	20	.003	8	.124	21
512			min	-.095	4	-.224	16	-.072	8	0	3	-.005	32	-.106	29
513		2	max	.126	28	.218	23	.118	32	0	20	.002	8	.124	21
514			min	-.095	4	-.224	16	-.072	8	0	3	-.004	32	-.106	29
515		3	max	.126	28	.218	23	.118	32	0	20	.002	8	.124	21
516			min	-.095	4	-.224	16	-.072	8	0	3	-.002	32	-.106	29
517		4	max	.126	28	.218	23	.118	32	0	20	0	8	.124	5
518			min	-.095	4	-.224	16	-.072	8	0	3	-.001	32	-.106	29
519		5	max	.126	28	.218	23	.118	32	0	20	0	11	.124	5
520			min	-.095	4	-.224	16	-.072	8	0	3	0	30	-.107	29
521	CPR5	1	max	.323	29	.159	18	.204	4	0	47	.01	28	.188	5
522			min	-.286	5	-.263	24	-.246	28	0	23	-.008	4	-.181	29
523		2	max	.323	29	.159	18	.204	4	0	47	.008	28	.188	5
524			min	-.286	5	-.263	24	-.246	28	0	23	-.006	4	-.18	29
525		3	max	.323	29	.159	18	.204	4	0	47	.005	28	.189	5
526			min	-.286	5	-.263	24	-.246	28	0	23	-.004	4	-.18	29
527		4	max	.323	29	.159	18	.204	4	0	47	.003	28	.189	5
528			min	-.286	5	-.263	24	-.246	28	0	23	-.002	4	-.18	29
529		5	max	.323	29	.159	18	.204	4	0	47	0	12	.189	5
530			min	-.286	5	-.263	24	-.246	28	0	23	0	30	-.18	29
531	CPR6	1	max	.117	33	.218	29	.118	22	0	98	.003	14	.125	26
532			min	-.085	10	-.382	55	-.072	14	0	1	-.005	22	-.106	18
533		2	max	.117	33	.218	29	.118	22	0	98	.002	14	.125	26
534			min	-.085	10	-.382	55	-.072	14	0	1	-.004	22	-.106	18
535		3	max	.117	33	.218	29	.118	22	0	98	.001	14	.125	26

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
536			min	-.085	10	-.382	55	-.072	14	0	1	-.002	22	-.106	18
537		4	max	.117	33	.218	29	.118	22	0	98	0	14	.125	10
538			min	-.085	10	-.382	55	-.072	14	0	1	-.001	22	-.107	18
539		5	max	.117	33	.218	29	.118	22	0	98	0	24	.125	10
540			min	-.085	10	-.382	55	-.072	14	0	1	0	17	-.107	18
541	INTR1	1	max	.394	2	.433	4	1.288	3	0	98	.043	27	.037	10
542			min	-.402	26	-1.284	44	-1.39	27	0	1	-.04	3	-.067	18
543		2	max	.394	2	.433	4	1.288	3	0	98	.033	27	.043	10
544			min	-.402	26	-1.284	44	-1.39	27	0	1	-.03	3	-.068	18
545		3	max	.394	2	.433	4	1.288	3	0	98	.022	27	.05	10
546			min	-.402	26	-1.284	44	-1.39	27	0	1	-.02	3	-.068	18
547		4	max	.394	2	.433	4	1.288	3	0	98	.011	27	.056	10
548			min	-.402	26	-1.284	44	-1.39	27	0	1	-.01	3	-.069	18
549		5	max	.394	2	.433	4	1.288	3	0	98	0	20	.062	10
550			min	-.402	26	-1.284	44	-1.39	27	0	1	0	30	-.07	18
551	INTR2	1	max	.4	8	.427	5	1.21	30	0	15	.034	6	.027	16
552			min	-.411	32	-1.31	45	-1.095	6	0	49	-.038	30	-.056	24
553		2	max	.4	8	.427	5	1.21	30	0	15	.026	6	.032	16
554			min	-.411	32	-1.31	45	-1.095	6	0	49	-.028	30	-.055	24
555		3	max	.4	8	.427	5	1.21	30	0	15	.017	6	.037	16
556			min	-.411	32	-1.31	45	-1.095	6	0	49	-.019	30	-.055	24
557		4	max	.4	8	.427	5	1.21	30	0	15	.009	6	.043	15
558			min	-.411	32	-1.31	45	-1.095	6	0	49	-.009	30	-.054	23
559		5	max	.4	8	.427	5	1.21	30	0	15	0	33	.049	15
560			min	-.411	32	-1.31	45	-1.095	6	0	49	0	24	-.055	23
561	INTR3	1	max	.396	7	.416	10	1.288	9	0	37	.043	33	.037	15
562			min	-.404	31	-1.318	34	-1.389	33	0	45	-.04	9	-.067	23
563		2	max	.396	7	.416	10	1.288	9	0	37	.033	33	.043	15
564			min	-.404	31	-1.318	34	-1.389	33	0	45	-.03	9	-.068	23
565		3	max	.396	7	.416	10	1.288	9	0	37	.022	33	.05	15
566			min	-.404	31	-1.318	34	-1.389	33	0	45	-.02	9	-.068	23
567		4	max	.396	7	.416	10	1.288	9	0	37	.011	33	.056	15
568			min	-.404	31	-1.318	34	-1.389	33	0	45	-.01	9	-.069	23
569		5	max	.396	7	.416	10	1.288	9	0	37	0	17	.062	15
570			min	-.404	31	-1.318	34	-1.389	33	0	45	0	31	-.07	23
571	INTR4	1	max	.374	14	.427	10	1.205	19	0	47	.034	11	.025	6
572			min	-.389	22	-1.348	34	-1.091	11	0	38	-.038	19	-.054	30
573		2	max	.374	14	.427	10	1.205	19	0	47	.026	11	.03	5
574			min	-.389	22	-1.348	34	-1.091	11	0	38	-.028	19	-.053	29
575		3	max	.374	14	.427	10	1.205	19	0	47	.017	11	.036	5
576			min	-.389	22	-1.348	34	-1.091	11	0	38	-.019	19	-.054	29
577		4	max	.374	14	.427	10	1.205	19	0	47	.009	11	.043	5
578			min	-.389	22	-1.348	34	-1.091	11	0	38	-.009	19	-.054	29
579		5	max	.374	14	.427	10	1.205	19	0	47	0	19	.049	5
580			min	-.389	22	-1.348	34	-1.091	11	0	38	0	6	-.055	29
581	INTR5	1	max	.406	12	.416	15	1.293	14	0	36	.044	22	.038	4
582			min	-.416	20	-1.281	39	-1.394	22	0	39	-.04	14	-.068	28
583		2	max	.406	12	.416	15	1.293	14	0	36	.033	22	.043	5
584			min	-.416	20	-1.281	39	-1.394	22	0	39	-.03	14	-.068	28
585		3	max	.406	12	.416	15	1.293	14	0	36	.022	22	.05	5
586			min	-.416	20	-1.281	39	-1.394	22	0	39	-.02	14	-.068	29
587		4	max	.406	12	.416	15	1.293	14	0	36	.011	22	.056	5
588			min	-.416	20	-1.281	39	-1.394	22	0	39	-.01	14	-.069	29
589		5	max	.406	12	.416	15	1.293	14	0	36	0	29	.062	5
590			min	-.416	20	-1.281	39	-1.394	22	0	39	0	28	-.07	29
591	INTR6	1	max	.37	3	.438	16	1.205	25	0	98	.034	17	.025	11
592			min	-.384	27	-1.312	40	-1.091	17	0	1	-.038	25	-.054	19

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
1:58 PM
Checked By: CLT

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
593		2	max	.37	3	.438	16	1.205	25	0	98	.026	17	.03	10
594			min	-.384	27	-1.312	40	-1.091	17	0	1	-.028	25	-.053	18
595		3	max	.37	3	.438	16	1.205	25	0	98	.017	17	.036	10
596			min	-.384	27	-1.312	40	-1.091	17	0	1	-.019	25	-.054	18
597		4	max	.37	3	.438	16	1.205	25	0	98	.009	17	.043	10
598			min	-.384	27	-1.312	40	-1.091	17	0	1	-.009	25	-.054	18
599		5	max	.37	3	.438	16	1.205	25	0	98	0	14	.049	10
600			min	-.384	27	-1.312	40	-1.091	17	0	1	0	3	-.055	18
601	M58	1	max	.009	6	.209	22	.067	33	.322	8	.121	10	.23	10
602			min	-.049	43	-.187	63	-.051	9	-.333	32	-.158	18	-.271	18
603		2	max	.009	6	.209	22	.067	33	.322	8	.12	10	.224	10
604			min	-.049	43	-.187	63	-.051	9	-.333	32	-.155	18	-.268	18
605		3	max	.009	6	.209	22	.067	33	.322	8	.119	10	.219	10
606			min	-.049	43	-.187	63	-.051	9	-.333	32	-.152	18	-.266	18
607		4	max	.009	6	.209	22	.067	33	.322	8	.118	10	.214	10
608			min	-.049	43	-.187	63	-.051	9	-.333	32	-.148	18	-.264	18
609		5	max	.009	6	.209	22	.067	33	.322	8	.116	10	.208	10
610			min	-.049	43	-.187	63	-.051	9	-.333	32	-.145	18	-.261	18
611	M59	1	max	.113	18	.121	63	.149	6	.378	5	.158	18	.037	11
612			min	-.092	10	-.288	39	-.157	29	-.465	29	-.121	10	-.235	34
613		2	max	.113	18	.121	63	.149	6	.378	5	.155	18	.039	11
614			min	-.092	10	-.288	39	-.157	29	-.465	29	-.12	10	-.221	34
615		3	max	.113	18	.121	63	.149	6	.378	5	.152	18	.052	7
616			min	-.092	10	-.288	39	-.157	29	-.465	29	-.119	10	-.208	34
617		4	max	.113	18	.121	63	.149	6	.378	5	.155	19	.067	7
618			min	-.092	10	-.288	39	-.157	29	-.465	29	-.118	10	-.195	34
619		5	max	.113	18	.121	63	.149	6	.378	5	.159	19	.082	7
620			min	-.092	10	-.288	39	-.157	29	-.465	29	-.121	11	-.182	34
621	M71	1	max	.369	18	.465	25	.052	19	.451	5	.076	11	.111	18
622			min	-.374	10	-.487	16	-.066	27	-.415	29	-.104	19	-.078	10
623		2	max	.369	18	.465	25	.052	19	.451	5	.072	11	.136	18
624			min	-.374	10	-.487	16	-.066	27	-.415	29	-.1	19	-.106	10
625		3	max	.369	18	.465	25	.052	19	.451	5	.068	11	.161	18
626			min	-.374	10	-.487	16	-.066	27	-.415	29	-.097	19	-.133	10
627		4	max	.369	18	.465	25	.052	19	.451	5	.064	11	.186	33
628			min	-.374	10	-.487	16	-.066	27	-.415	29	-.094	19	-.16	10
629		5	max	.369	18	.465	25	.052	19	.451	5	.059	11	.215	33
630			min	-.374	10	-.487	16	-.066	27	-.415	29	-.091	19	-.187	10
631	M72	1	max	.33	2	.321	16	.386	5	.866	23	.104	19	.103	15
632			min	-.327	26	-.821	40	-.373	31	-.779	31	-.076	11	-.13	8
633		2	max	.33	2	.321	16	.386	5	.866	23	.12	19	.084	15
634			min	-.327	26	-.821	40	-.373	31	-.779	31	-.091	11	-.091	8
635		3	max	.33	2	.321	16	.386	5	.866	23	.137	20	.067	31
636			min	-.327	26	-.821	40	-.373	31	-.779	31	-.107	11	-.052	8
637		4	max	.33	2	.321	16	.386	5	.866	23	.159	20	.084	34
638			min	-.327	26	-.821	40	-.373	31	-.779	31	-.127	12	-.012	8
639		5	max	.33	2	.321	16	.386	5	.866	23	.181	20	.118	34
640			min	-.327	26	-.821	40	-.373	31	-.779	31	-.147	12	-.021	2
641	M74	1	max	.27	2	.14	14	.099	8	.297	20	.161	18	.11	13
642			min	-.298	26	-.146	22	-.119	32	-.297	12	-.126	10	-.227	34
643		2	max	.27	2	.14	14	.099	8	.297	20	.157	18	.102	13
644			min	-.298	26	-.146	22	-.119	32	-.297	12	-.124	10	-.22	34
645		3	max	.27	2	.14	14	.099	8	.297	20	.154	18	.094	13
646			min	-.298	26	-.146	22	-.119	32	-.297	12	-.123	10	-.214	34
647		4	max	.27	2	.14	14	.099	8	.297	20	.15	18	.087	12
648			min	-.298	26	-.146	22	-.119	32	-.297	12	-.121	10	-.207	34
649		5	max	.27	2	.14	14	.099	8	.297	20	.147	18	.08	12

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
650			min	-.298	26	-.146	22	-.119	32	-.297	12	-.119	10	-.2	34
651	M75	1	max	.399	18	.006	6	.309	21	.598	21	.126	10	.205	10
652			min	-.37	10	-.513	45	-.307	13	-.57	13	-.161	18	-.335	18
653		2	max	.399	18	.006	6	.309	21	.598	21	.124	10	.214	10
654			min	-.37	10	-.513	45	-.307	13	-.57	13	-.158	33	-.329	18
655		3	max	.399	18	.006	6	.309	21	.598	21	.13	9	.224	10
656			min	-.37	10	-.513	45	-.307	13	-.57	13	-.169	33	-.322	18
657		4	max	.399	18	.006	6	.309	21	.598	21	.143	9	.233	10
658			min	-.37	10	-.513	45	-.307	13	-.57	13	-.18	33	-.315	18
659		5	max	.399	18	.006	6	.309	21	.598	21	.155	9	.243	10
660			min	-.37	10	-.513	45	-.307	13	-.57	13	-.192	33	-.308	18
661	M77	1	max	.283	2	.522	27	.03	9	.481	21	.105	18	.083	34
662			min	-.289	10	-.53	3	-.031	18	-.482	13	-.081	10	-.052	10
663		2	max	.283	2	.522	27	.03	9	.481	21	.103	33	.109	18
664			min	-.289	10	-.53	3	-.031	18	-.482	13	-.08	10	-.082	10
665		3	max	.283	2	.522	27	.03	9	.481	21	.102	33	.137	18
666			min	-.289	10	-.53	3	-.031	18	-.482	13	-.078	10	-.113	10
667		4	max	.283	2	.522	27	.03	9	.481	21	.1	33	.165	18
668			min	-.289	10	-.53	3	-.031	18	-.482	13	-.076	10	-.144	10
669		5	max	.283	2	.522	27	.03	9	.481	21	.099	33	.197	19
670			min	-.289	10	-.53	3	-.031	18	-.482	13	-.074	10	-.175	10
671	M78	1	max	.185	18	.368	3	.321	21	.863	21	.081	10	.127	4
672			min	-.181	26	-.777	43	-.323	13	-.912	13	-.105	18	-.16	11
673		2	max	.185	18	.368	3	.321	21	.863	21	.093	9	.104	4
674			min	-.181	26	-.777	43	-.323	13	-.912	13	-.117	33	-.117	12
675		3	max	.185	18	.368	3	.321	21	.863	21	.104	9	.083	20
676			min	-.181	26	-.777	43	-.323	13	-.912	13	-.129	33	-.076	12
677		4	max	.185	18	.368	3	.321	21	.863	21	.115	9	.075	34
678			min	-.181	26	-.777	43	-.323	13	-.912	13	-.14	33	-.035	12
679		5	max	.185	18	.368	3	.321	21	.863	21	.127	9	.106	34
680			min	-.181	26	-.777	43	-.323	13	-.912	13	-.153	32	-.004	7
681	M80	1	max	.011	12	.209	33	.073	42	.318	2	.121	5	.23	5
682			min	-.052	38	-.146	25	-.051	3	-.329	27	-.158	29	-.271	29
683		2	max	.011	12	.209	33	.073	42	.318	2	.12	5	.224	5
684			min	-.052	38	-.146	25	-.051	3	-.329	27	-.155	29	-.268	29
685		3	max	.011	12	.209	33	.073	42	.318	2	.119	5	.219	5
686			min	-.052	38	-.146	25	-.051	3	-.329	27	-.151	29	-.266	29
687		4	max	.011	12	.209	33	.073	42	.318	2	.117	5	.213	5
688			min	-.052	38	-.146	25	-.051	3	-.329	27	-.148	29	-.263	29
689		5	max	.011	12	.209	33	.073	42	.318	2	.116	5	.208	5
690			min	-.052	38	-.146	25	-.051	3	-.329	27	-.145	29	-.261	29
691	M81	1	max	.113	29	.087	9	.15	16	.392	16	.158	29	.037	6
692			min	-.092	5	-.3	34	-.159	24	-.464	23	-.121	5	-.224	46
693		2	max	.113	29	.087	9	.15	16	.392	16	.155	29	.039	6
694			min	-.092	5	-.3	34	-.159	24	-.464	23	-.12	5	-.212	42
695		3	max	.113	29	.087	9	.15	16	.392	16	.151	29	.053	2
696			min	-.092	5	-.3	34	-.159	24	-.464	23	-.119	5	-.201	42
697		4	max	.113	29	.087	9	.15	16	.392	16	.155	30	.067	2
698			min	-.092	5	-.3	34	-.159	24	-.464	23	-.117	5	-.19	42
699		5	max	.113	29	.087	9	.15	16	.392	16	.159	30	.082	2
700			min	-.092	5	-.3	34	-.159	24	-.464	23	-.121	6	-.18	42
701	M83	1	max	.369	29	.466	20	.052	30	.468	16	.076	6	.111	29
702			min	-.374	5	-.478	11	-.067	22	-.423	24	-.104	30	-.078	5
703		2	max	.369	29	.466	20	.052	30	.468	16	.072	6	.138	28
704			min	-.374	5	-.478	11	-.067	22	-.423	24	-.1	30	-.107	4
705		3	max	.369	29	.466	20	.052	30	.468	16	.068	6	.165	28
706			min	-.374	5	-.478	11	-.067	22	-.423	24	-.097	30	-.136	4

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
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Checked By: CLT

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
707		4	max	.369	29	.466	20	.052	30	.468	16	.064	6	.193	28
708			min	-.374	5	-.478	11	-.067	22	-.423	24	-.094	30	-.165	4
709		5	max	.369	29	.466	20	.052	30	.468	16	.059	6	.221	28
710			min	-.374	5	-.478	11	-.067	22	-.423	24	-.091	30	-.194	4
711	M84	1	max	.33	29	.312	11	.389	16	.865	18	.104	30	.103	10
712			min	-.327	21	-.842	34	-.373	26	-.779	26	-.076	6	-.126	18
713		2	max	.33	29	.312	11	.389	16	.865	18	.12	30	.085	10
714			min	-.327	21	-.842	34	-.373	26	-.779	26	-.091	6	-.086	2
715		3	max	.33	29	.312	11	.389	16	.865	18	.136	30	.067	26
716			min	-.327	21	-.842	34	-.373	26	-.779	26	-.107	6	-.049	2
717		4	max	.33	29	.312	11	.389	16	.865	18	.153	30	.082	42
718			min	-.327	21	-.842	34	-.373	26	-.779	26	-.122	6	-.011	2
719		5	max	.33	29	.312	11	.389	16	.865	18	.17	31	.118	48
720			min	-.327	21	-.842	34	-.373	26	-.779	26	-.138	6	-.021	13
721	M86	1	max	.269	13	.142	8	.095	2	.292	30	.162	28	.11	7
722			min	-.298	21	-.146	33	-.116	27	-.296	7	-.126	5	-.222	47
723		2	max	.269	13	.142	8	.095	2	.292	30	.158	29	.102	7
724			min	-.298	21	-.146	33	-.116	27	-.296	7	-.124	5	-.214	47
725		3	max	.269	13	.142	8	.095	2	.292	30	.154	29	.095	7
726			min	-.298	21	-.146	33	-.116	27	-.296	7	-.123	5	-.206	47
727		4	max	.269	13	.142	8	.095	2	.292	30	.15	29	.087	7
728			min	-.298	21	-.146	33	-.116	27	-.296	7	-.121	5	-.198	47
729		5	max	.269	13	.142	8	.095	2	.292	30	.147	29	.079	7
730			min	-.298	21	-.146	33	-.116	27	-.296	7	-.12	5	-.19	47
731	M87	1	max	.399	29	.006	17	.309	31	.597	31	.126	5	.205	5
732			min	-.371	5	-.515	40	-.306	7	-.568	7	-.162	28	-.336	29
733		2	max	.399	29	.006	17	.309	31	.597	31	.131	4	.215	5
734			min	-.371	5	-.515	40	-.306	7	-.568	7	-.167	28	-.329	29
735		3	max	.399	29	.006	17	.309	31	.597	31	.137	4	.224	5
736			min	-.371	5	-.515	40	-.306	7	-.568	7	-.172	28	-.322	29
737		4	max	.399	29	.006	17	.309	31	.597	31	.144	4	.233	5
738			min	-.371	5	-.515	40	-.306	7	-.568	7	-.18	27	-.315	29
739		5	max	.399	29	.006	17	.309	31	.597	31	.155	3	.243	5
740			min	-.371	5	-.515	40	-.306	7	-.568	7	-.192	27	-.308	29
741	M89	1	max	.283	13	.521	22	.031	4	.481	31	.111	28	.081	29
742			min	-.289	5	-.53	14	-.031	29	-.481	7	-.088	4	-.052	5
743		2	max	.283	13	.521	22	.031	4	.481	31	.109	28	.109	29
744			min	-.289	5	-.53	14	-.031	29	-.481	7	-.086	4	-.083	5
745		3	max	.283	13	.521	22	.031	4	.481	31	.107	28	.137	29
746			min	-.289	5	-.53	14	-.031	29	-.481	7	-.084	4	-.113	5
747		4	max	.283	13	.521	22	.031	4	.481	31	.105	28	.165	29
748			min	-.289	5	-.53	14	-.031	29	-.481	7	-.082	4	-.144	5
749		5	max	.283	13	.521	22	.031	4	.481	31	.104	28	.197	30
750			min	-.289	5	-.53	14	-.031	29	-.481	7	-.08	4	-.175	5
751	M90	1	max	.185	29	.367	14	.32	31	.862	31	.088	4	.121	14
752			min	-.181	21	-.769	39	-.323	7	-.911	7	-.111	28	-.16	6
753		2	max	.185	29	.367	14	.32	31	.862	31	.093	4	.098	14
754			min	-.181	21	-.769	39	-.323	7	-.911	7	-.117	27	-.117	6
755		3	max	.185	29	.367	14	.32	31	.862	31	.104	3	.079	31
756			min	-.181	21	-.769	39	-.323	7	-.911	7	-.129	27	-.075	6
757		4	max	.185	29	.367	14	.32	31	.862	31	.115	3	.07	46
758			min	-.181	21	-.769	39	-.323	7	-.911	7	-.14	27	-.032	6
759		5	max	.185	29	.367	14	.32	31	.862	31	.127	3	.104	42
760			min	-.181	21	-.769	39	-.323	7	-.911	7	-.152	27	-.004	2
761	M92	1	max	.009	11	.209	27	.067	22	.317	13	.121	15	.23	15
762			min	-.051	47	-.146	19	-.051	14	-.328	22	-.158	23	-.271	23
763		2	max	.009	11	.209	27	.067	22	.317	13	.12	15	.225	15

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
764			min	-.051	47	-.146	19	-.051	14	-.328	22	-.156	24	-.269	23
765		3	max	.009	11	.209	27	.067	22	.317	13	.119	15	.219	15
766			min	-.051	47	-.146	19	-.051	14	-.328	22	-.155	24	-.266	23
767		4	max	.009	11	.209	27	.067	22	.317	13	.119	16	.214	15
768			min	-.051	47	-.146	19	-.051	14	-.328	22	-.153	24	-.264	23
769		5	max	.009	11	.209	27	.067	22	.317	13	.119	16	.208	15
770			min	-.051	47	-.146	19	-.051	14	-.328	22	-.152	24	-.262	23
771	M93	1	max	.113	23	.087	3	.151	12	.384	12	.158	23	.037	17
772			min	-.092	15	-.291	44	-.157	18	-.465	18	-.121	15	-.224	40
773		2	max	.113	23	.087	3	.151	12	.384	12	.158	24	.039	17
774			min	-.092	15	-.291	44	-.157	18	-.465	18	-.12	15	-.21	38
775		3	max	.113	23	.087	3	.151	12	.384	12	.158	24	.053	13
776			min	-.092	15	-.291	44	-.157	18	-.465	18	-.122	16	-.199	37
777		4	max	.113	23	.087	3	.151	12	.384	12	.159	24	.068	13
778			min	-.092	15	-.291	44	-.157	18	-.465	18	-.125	16	-.188	37
779		5	max	.113	23	.087	3	.151	12	.384	12	.16	24	.083	13
780			min	-.092	15	-.291	44	-.157	18	-.465	18	-.127	16	-.176	37
781	M95	1	max	.369	23	.464	30	.052	25	.451	12	.077	16	.111	23
782			min	-.374	15	-.477	6	-.066	33	-.414	18	-.104	24	-.078	15
783		2	max	.369	23	.464	30	.052	25	.451	12	.073	16	.136	23
784			min	-.374	15	-.477	6	-.066	33	-.414	18	-.101	24	-.106	15
785		3	max	.369	23	.464	30	.052	25	.451	12	.07	16	.161	23
786			min	-.374	15	-.477	6	-.066	33	-.414	18	-.098	24	-.133	15
787		4	max	.369	23	.464	30	.052	25	.451	12	.066	16	.186	22
788			min	-.374	15	-.477	6	-.066	33	-.414	18	-.095	24	-.16	15
789		5	max	.369	23	.464	30	.052	25	.451	12	.063	16	.215	22
790			min	-.374	15	-.477	6	-.066	33	-.414	18	-.092	24	-.187	15
791	M96	1	max	.33	7	.311	6	.386	12	.865	29	.104	24	.104	5
792			min	-.327	31	-.816	45	-.373	21	-.778	21	-.077	16	-.126	29
793		2	max	.33	7	.311	6	.386	12	.865	29	.12	25	.085	5
794			min	-.327	31	-.816	45	-.373	21	-.778	21	-.091	17	-.087	13
795		3	max	.33	7	.311	6	.386	12	.865	29	.136	25	.068	21
796			min	-.327	31	-.816	45	-.373	21	-.778	21	-.107	17	-.049	13
797		4	max	.33	7	.311	6	.386	12	.865	29	.153	25	.083	38
798			min	-.327	31	-.816	45	-.373	21	-.778	21	-.122	17	-.012	13
799		5	max	.33	7	.311	6	.386	12	.865	29	.17	26	.118	38
800			min	-.327	31	-.816	45	-.373	21	-.778	21	-.138	17	-.021	7
801	M98	1	max	.27	7	.14	3	.095	13	.293	25	.161	23	.11	2
802			min	-.298	31	-.146	27	-.117	22	-.296	2	-.126	15	-.233	42
803		2	max	.27	7	.14	3	.095	13	.293	25	.157	23	.102	2
804			min	-.298	31	-.146	27	-.117	22	-.296	2	-.124	15	-.225	42
805		3	max	.27	7	.14	3	.095	13	.293	25	.154	23	.094	2
806			min	-.298	31	-.146	27	-.117	22	-.296	2	-.122	15	-.216	42
807		4	max	.27	7	.14	3	.095	13	.293	25	.15	23	.086	2
808			min	-.298	31	-.146	27	-.117	22	-.296	2	-.121	15	-.207	42
809		5	max	.27	7	.14	3	.095	13	.293	25	.147	24	.078	2
810			min	-.298	31	-.146	27	-.117	22	-.296	2	-.119	15	-.199	42
811	M99	1	max	.399	23	.006	11	.309	26	.597	26	.126	15	.205	15
812			min	-.37	15	-.522	34	-.306	2	-.569	2	-.161	23	-.335	23
813		2	max	.399	23	.006	11	.309	26	.597	26	.124	15	.214	15
814			min	-.37	15	-.522	34	-.306	2	-.569	2	-.158	22	-.328	23
815		3	max	.399	23	.006	11	.309	26	.597	26	.13	14	.224	15
816			min	-.37	15	-.522	34	-.306	2	-.569	2	-.169	22	-.321	23
817		4	max	.399	23	.006	11	.309	26	.597	26	.142	14	.233	15
818			min	-.37	15	-.522	34	-.306	2	-.569	2	-.18	22	-.314	23
819		5	max	.399	23	.006	11	.309	26	.597	26	.155	14	.242	15
820			min	-.37	15	-.522	34	-.306	2	-.569	2	-.191	22	-.308	23

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
1:58 PM
Checked By: CLT

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
821	M101	1	max	.283	7	.532	32	.031	14	.481	26	.105	23	.081	23
822			min	-.289	15	-.53	9	-.031	23	-.482	2	-.081	14	-.052	15
823		2	max	.283	7	.532	32	.031	14	.481	26	.104	22	.109	23
824			min	-.289	15	-.53	9	-.031	23	-.482	2	-.08	15	-.082	15
825		3	max	.283	7	.532	32	.031	14	.481	26	.102	22	.14	24
826			min	-.289	15	-.53	9	-.031	23	-.482	2	-.078	15	-.115	16
827		4	max	.283	7	.532	32	.031	14	.481	26	.1	22	.171	24
828			min	-.289	15	-.53	9	-.031	23	-.482	2	-.076	15	-.148	16
829		5	max	.283	7	.532	32	.031	14	.481	26	.099	22	.203	24
830			min	-.289	15	-.53	9	-.031	23	-.482	2	-.074	15	-.181	16
831	M102	1	max	.185	23	.368	9	.32	26	.862	26	.081	14	.121	9
832			min	-.181	31	-.804	34	-.323	2	-.911	2	-.105	23	-.16	17
833		2	max	.185	23	.368	9	.32	26	.862	26	.093	14	.098	9
834			min	-.181	31	-.804	34	-.323	2	-.911	2	-.117	22	-.117	17
835		3	max	.185	23	.368	9	.32	26	.862	26	.104	14	.078	26
836			min	-.181	31	-.804	34	-.323	2	-.911	2	-.129	22	-.075	17
837		4	max	.185	23	.368	9	.32	26	.862	26	.115	14	.069	42
838			min	-.181	31	-.804	34	-.323	2	-.911	2	-.14	22	-.032	17
839		5	max	.185	23	.368	9	.32	26	.862	26	.127	14	.104	37
840			min	-.181	31	-.804	34	-.323	2	-.911	2	-.152	22	-.004	13
841	M103	1	max	.213	29	.503	34	.311	18	.23	10	.301	26	.552	47
842			min	-.213	21	.162	95	-.311	10	-.23	18	-.301	2	.04	5
843		2	max	.213	29	.503	34	.311	18	.23	10	.281	26	.52	47
844			min	-.213	21	.162	95	-.311	10	-.23	18	-.281	2	.029	5
845		3	max	.213	29	.503	34	.311	18	.23	10	.262	26	.489	47
846			min	-.213	21	.162	95	-.311	10	-.23	18	-.262	2	.019	5
847		4	max	.213	29	.503	34	.311	18	.23	10	.242	26	.457	47
848			min	-.213	21	.162	95	-.311	10	-.23	18	-.242	2	.008	5
849		5	max	.213	29	.503	34	.311	18	.23	10	.223	26	.426	47
850			min	-.213	21	.162	95	-.311	10	-.23	18	-.223	2	-.003	5
851	M105	1	max	.213	8	.503	45	.308	13	.226	5	.297	21	.569	42
852			min	-.213	16	.162	97	-.308	5	-.227	29	-.297	13	.042	15
853		2	max	.213	8	.503	45	.308	13	.226	5	.277	21	.537	42
854			min	-.213	16	.162	97	-.308	5	-.227	29	-.277	13	.031	15
855		3	max	.213	8	.503	45	.308	13	.226	5	.258	21	.506	42
856			min	-.213	16	.162	97	-.308	5	-.227	29	-.258	13	.021	15
857		4	max	.213	8	.503	45	.308	13	.226	5	.239	21	.474	42
858			min	-.213	16	.162	97	-.308	5	-.227	29	-.239	13	.01	15
859		5	max	.213	8	.503	45	.308	13	.226	5	.22	21	.443	42
860			min	-.213	16	.162	97	-.308	5	-.227	29	-.22	13	0	15
861	M107	1	max	.213	4	.503	47	.308	23	.226	15	.297	31	.569	34
862			min	-.213	12	.162	85	-.308	15	-.227	23	-.297	7	.042	13
863		2	max	.213	4	.503	47	.308	23	.226	15	.277	31	.537	34
864			min	-.213	12	.162	85	-.308	15	-.227	23	-.277	7	.031	13
865		3	max	.213	4	.503	47	.308	23	.226	15	.258	31	.506	34
866			min	-.213	12	.162	85	-.308	15	-.227	23	-.258	7	.021	13
867		4	max	.213	4	.503	47	.308	23	.226	15	.239	31	.474	34
868			min	-.213	12	.162	85	-.308	15	-.227	23	-.239	7	.01	13
869		5	max	.213	4	.503	47	.308	23	.226	15	.22	31	.443	34
870			min	-.213	12	.162	85	-.308	15	-.227	23	-.22	7	0	13
871	INT-1A	1	max	.51	12	.427	4	1.233	3	.155	4	.085	4	.017	6
872			min	-.472	4	-1.312	44	-1.328	27	-.422	44	-.09	12	-.088	48
873		2	max	.552	2	.405	4	.148	32	.155	4	.366	3	.777	44
874			min	-.581	26	-1.386	44	-.137	23	-.421	44	-.386	27	-.258	4
875		3	max	.557	2	.399	4	.147	32	.155	4	.401	3	1.661	44
876			min	-.586	26	-1.402	44	-.135	24	-.421	44	-.41	27	-.513	4
877		4	max	.562	2	.389	4	.146	32	.155	4	.442	3	2.557	44

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
878			min	-.591	26	-1.428	44	-.134	24	-.421	44	-.439	27	-.763	4
879		5	max	.566	2	.376	4	.145	32	.155	4	.515	18	3.472	44
880			min	-.596	26	-1.461	44	-.133	24	-.421	44	-.504	26	-1.005	4
881	INT-1B	1	max	.501	7	1.487	45	.14	33	.43	45	.518	23	3.535	45
882			min	-.532	31	-.371	5	-.155	24	-.146	6	-.512	31	-.976	5
883		2	max	.495	7	1.454	45	.14	33	.43	45	.427	7	2.603	45
884			min	-.527	31	-.383	5	-.154	25	-.146	6	-.431	31	-.737	5
885		3	max	.49	7	1.428	45	.14	33	.43	45	.36	6	1.691	45
886			min	-.522	31	-.393	5	-.154	25	-.146	6	-.373	30	-.491	5
887		4	max	.486	8	1.411	45	.14	33	.43	45	.315	6	.791	45
888			min	-.518	32	-.4	5	-.154	25	-.146	6	-.338	30	-.243	6
889		5	max	.403	14	1.338	45	1.173	30	.43	45	.077	33	.022	4
890			min	-.354	6	-.422	5	-1.066	6	-.146	6	-.085	25	-.088	42
891	INT-2A	1	max	.495	17	.411	10	1.253	8	.152	9	.073	9	.017	11
892			min	-.451	9	-1.347	34	-1.347	32	-.433	34	-.079	17	-.088	37
893		2	max	.551	7	.389	10	.148	21	.152	9	.366	9	.797	34
894			min	-.581	31	-1.42	34	-.138	29	-.432	34	-.386	33	-.253	9
895		3	max	.557	7	.382	10	.145	21	.152	9	.408	8	1.702	34
896			min	-.586	31	-1.437	34	-.135	29	-.432	34	-.417	32	-.487	9
897		4	max	.563	7	.372	10	.142	22	.152	9	.469	8	2.62	34
898			min	-.592	31	-1.463	34	-.132	29	-.432	34	-.467	32	-.721	10
899		5	max	.568	7	.36	10	.142	22	.152	9	.535	8	3.558	34
900			min	-.597	31	-1.496	34	-.129	29	-.432	34	-.522	32	-.954	10
901	INT-2B	1	max	.507	13	1.526	34	.141	22	.442	34	.528	12	3.632	34
902			min	-.538	21	-.371	10	-.155	30	-.146	11	-.519	20	-.976	10
903		2	max	.501	13	1.493	34	.141	22	.442	34	.449	12	2.675	34
904			min	-.533	21	-.383	10	-.155	30	-.146	11	-.452	20	-.737	10
905		3	max	.496	13	1.466	34	.141	22	.442	34	.375	12	1.739	34
906			min	-.527	21	-.393	10	-.155	30	-.146	11	-.389	20	-.491	10
907		4	max	.49	13	1.45	34	.141	22	.442	34	.312	11	.814	34
908			min	-.521	21	-.4	10	-.155	30	-.146	11	-.336	19	-.243	11
909		5	max	.397	3	1.376	34	1.182	20	.443	34	.078	22	.02	9
910			min	-.348	11	-.422	10	-1.077	12	-.146	11	-.086	30	-.086	48
911	INT-3A	1	max	.501	6	.411	15	1.234	14	.152	14	.075	14	.019	16
912			min	-.457	14	-1.309	39	-1.33	22	-.419	39	-.081	6	-.09	42
913		2	max	.546	13	.389	15	.146	26	.152	14	.369	14	.773	39
914			min	-.576	21	-1.382	39	-.137	18	-.419	39	-.388	22	-.253	14
915		3	max	.552	13	.382	15	.144	26	.152	14	.404	14	1.655	39
916			min	-.581	21	-1.399	39	-.134	18	-.419	39	-.413	22	-.487	14
917		4	max	.557	13	.372	15	.141	27	.152	14	.445	14	2.549	39
918			min	-.586	21	-1.425	39	-.131	18	-.419	39	-.443	22	-.722	15
919		5	max	.562	13	.36	15	.141	27	.152	14	.515	29	3.462	39
920			min	-.591	21	-1.458	39	-.128	18	-.419	39	-.505	21	-.954	15
921	INT-3B	1	max	.505	2	1.489	40	.14	27	.431	40	.517	18	3.543	40
922			min	-.536	26	-.381	16	-.155	19	-.153	16	-.512	26	-1.011	16
923		2	max	.5	2	1.456	40	.14	27	.431	40	.427	2	2.609	40
924			min	-.532	26	-.394	16	-.155	19	-.153	16	-.431	26	-.766	16
925		3	max	.495	2	1.43	40	.141	28	.431	40	.357	17	1.696	40
926			min	-.527	26	-.404	16	-.155	19	-.153	16	-.37	25	-.513	16
927		4	max	.49	2	1.414	40	.142	28	.431	40	.312	17	.795	40
928			min	-.522	26	-.41	16	-.155	19	-.153	16	-.336	25	-.255	16
929		5	max	.397	9	1.34	40	1.171	25	.432	40	.077	27	.02	14
930			min	-.351	16	-.433	16	-1.064	17	-.153	16	-.085	19	-.086	37
931	SA1	1	max	2.743	5	3.233	45	1.335	25	.951	9	2.358	33	7.082	45
932			min	-1.475	13	-.385	5	-1.337	33	-.951	17	-2.358	25	-2.431	5
933		2	max	2.035	5	2.102	45	.847	25	1.017	9	.668	6	1.919	45
934			min	-.766	13	-.746	5	-.849	33	-.965	17	-.668	30	-1.617	5

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
935		3	max	2.038	5	-.028	3	.043	30	.137	45	.217	23	-.226	6
936			min	-.798	13	-.883	45	-.043	6	0	5	-.214	31	-1.75	45
937		4	max	2.038	5	-.057	3	.067	31	.137	45	.13	23	.127	12
938			min	-.798	13	-.957	45	-.068	23	0	5	-.129	31	-.411	37
939		5	max	2.034	5	.474	29	.103	32	.137	45	.019	33	.068	27
940			min	-2.29	29	-.14	21	-.104	24	0	5	-.019	25	-.063	19
941	SA2	1	max	2.757	10	3.292	34	1.355	30	.952	14	2.41	22	7.264	34
942			min	-1.488	2	-.385	10	-1.358	22	-.951	6	-2.41	30	-2.432	10
943		2	max	2.042	10	2.16	34	.864	30	1.018	14	.647	11	2.007	34
944			min	-.773	2	-.746	10	-.866	22	-.965	6	-.647	19	-1.615	10
945		3	max	2.042	10	-.028	9	.042	20	.14	34	.216	29	-.226	11
946			min	-.802	2	-.905	34	-.043	12	0	10	-.213	21	-1.768	34
947		4	max	2.042	10	-.056	9	.067	21	.14	34	.132	29	.124	2
948			min	-.802	2	-.98	34	-.068	29	0	10	-.131	21	-.429	42
949		5	max	2.038	10	.474	18	.104	22	.14	34	.019	22	.071	32
950			min	-2.294	18	-.142	28	-.104	30	0	10	-.019	30	-.067	24
951	SA3	1	max	2.743	15	3.233	39	1.335	19	.96	4	2.358	27	7.082	39
952			min	-1.475	7	-.385	15	-1.337	27	-.951	11	-2.358	19	-2.431	15
953		2	max	2.035	15	2.102	39	.847	19	1.017	3	.643	17	1.919	39
954			min	-.766	7	-.746	15	-.849	27	-.965	11	-.643	25	-1.617	15
955		3	max	2.038	15	-.028	14	.042	30	.137	40	.215	18	-.227	17
956			min	-.798	7	-.883	39	-.041	22	-.218	65	-.213	26	-1.75	39
957		4	max	2.038	15	-.056	14	.066	26	.137	40	.131	18	.124	7
958			min	-.798	7	-.958	39	-.067	18	-.218	65	-.13	26	-.411	47
959		5	max	2.034	15	.474	23	.101	27	.137	40	.019	27	.068	22
960			min	-2.29	23	-.14	31	-.101	19	-.218	65	-.019	19	-.063	30
961	SR-1	1	max	0	98	0	4	0	31	0	98	0	98	0	98
962			min	0	1	0	1	0	19	0	1	0	1	0	1
963		2	max	.124	9	.148	8	.293	32	.214	18	.431	31	.099	18
964			min	-.227	33	-.149	32	-.202	8	-.191	10	-.335	7	-.101	26
965		3	max	.215	10	.16	5	.189	22	.065	21	.382	18	.08	34
966			min	-.339	18	-.146	13	-.187	30	-.063	29	-.261	10	-.016	10
967		4	max	.079	11	.147	37	.254	11	.153	10	.367	21	.106	18
968			min	-.198	34	-.129	13	-.338	19	-.165	18	-.288	10	-.114	26
969		5	max	0	98	0	98	0	33	0	98	0	98	0	98
970			min	0	1	0	16	0	21	0	1	0	1	0	1
971	SR-2	1	max	0	98	0	10	0	21	0	98	0	98	0	98
972			min	0	1	0	1	0	25	0	1	0	1	0	1
973		2	max	.125	14	.147	13	.292	21	.214	23	.436	20	.1	24
974			min	-.228	22	-.147	22	-.193	13	-.191	15	-.332	13	-.103	32
975		3	max	.215	15	.16	10	.188	27	.065	26	.382	23	.079	39
976			min	-.34	23	-.146	2	-.186	19	-.063	18	-.261	15	-.016	15
977		4	max	.08	16	.155	42	.263	16	.153	15	.365	26	.106	23
978			min	-.195	40	-.129	2	-.342	24	-.165	23	-.289	15	-.114	31
979		5	max	0	98	0	32	0	22	0	98	0	98	0	98
980			min	0	1	0	5	0	26	0	1	0	1	0	1
981	SR-3	1	max	0	98	0	15	0	26	0	98	0	98	0	98
982			min	0	1	0	1	0	30	0	1	0	1	0	1
983		2	max	.125	3	.147	2	.292	26	.214	29	.429	26	.099	29
984			min	-.227	27	-.147	27	-.193	2	-.191	5	-.333	2	-.101	21
985		3	max	.215	5	.16	15	.188	33	.065	31	.382	29	.079	45
986			min	-.339	29	-.148	8	-.186	25	-.063	23	-.261	5	-.018	4
987		4	max	.08	6	.146	47	.253	6	.153	5	.381	32	.106	29
988			min	-.195	45	-.129	7	-.337	30	-.165	29	-.287	5	-.114	21
989		5	max	0	98	0	98	0	27	0	98	0	98	0	98
990			min	0	1	0	10	0	31	0	1	0	1	0	1
991	VSK1	1	max	.971	18	.039	42	.027	22	.122	5	0	98	0	98

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
992			min	-.848	10	-.007	2	-.027	14	-.082	10	0	1	0	1
993		2	max	.956	18	.02	42	.013	22	.122	5	.025	22	.007	2
994			min	-.842	10	-.004	2	-.013	14	-.082	10	-.025	14	-.037	42
995		3	max	.94	18	0	98	0	98	.122	5	.034	22	.009	2
996			min	-.836	10	0	1	0	1	-.082	10	-.034	14	-.05	42
997		4	max	.925	18	.004	2	.013	30	.122	5	.025	22	.007	2
998			min	-.83	10	-.02	42	-.013	6	-.082	10	-.025	14	-.037	42
999		5	max	.909	18	.007	2	.027	30	.122	5	0	98	0	98
1000			min	-.823	10	-.039	42	-.027	6	-.082	10	0	1	0	1
1001	VSK2	1	max	.888	22	.04	47	.027	27	.077	12	0	98	0	98
1002			min	-.762	15	-.007	7	-.027	3	-.127	5	0	1	0	1
1003		2	max	.873	22	.02	47	.013	27	.077	12	.025	27	.007	7
1004			min	-.756	15	-.004	7	-.013	3	-.127	5	-.025	3	-.038	47
1005		3	max	.858	22	0	98	0	98	.077	12	.034	27	.009	7
1006			min	-.75	15	0	1	0	1	-.127	5	-.034	3	-.05	47
1007		4	max	.843	22	.004	7	.013	19	.077	12	.025	27	.007	7
1008			min	-.744	15	-.02	47	-.013	11	-.127	5	-.025	3	-.038	47
1009		5	max	.827	22	.007	7	.027	19	.077	12	0	98	0	98
1010			min	-.738	15	-.04	47	-.027	11	-.127	5	0	1	0	1
1011	VSK3	1	max	.989	24	.04	47	.027	28	.122	10	0	98	0	98
1012			min	-.865	16	-.007	8	-.027	4	-.083	15	0	1	0	1
1013		2	max	.973	24	.02	47	.013	28	.122	10	.026	28	.007	8
1014			min	-.859	16	-.004	8	-.013	4	-.083	15	-.026	4	-.038	47
1015		3	max	.957	24	0	98	0	98	.122	10	.034	28	.01	8
1016			min	-.853	16	0	1	0	1	-.083	15	-.034	4	-.05	47
1017		4	max	.942	24	.004	8	.013	20	.122	10	.026	28	.007	8
1018			min	-.846	16	-.02	47	-.013	12	-.083	15	-.026	4	-.038	47
1019		5	max	.926	24	.007	8	.027	20	.122	10	0	98	0	98
1020			min	-.84	16	-.04	47	-.027	12	-.083	15	0	1	0	1
1021	VSK4	1	max	.914	28	.04	37	.027	32	.072	2	0	98	0	98
1022			min	-.789	4	-.007	12	-.027	8	-.127	10	0	1	0	1
1023		2	max	.898	28	.02	37	.013	32	.072	2	.026	32	.007	12
1024			min	-.783	4	-.004	12	-.013	8	-.127	10	-.026	8	-.038	37
1025		3	max	.882	28	0	98	0	98	.072	2	.034	32	.01	12
1026			min	-.777	4	0	1	0	1	-.127	10	-.034	8	-.05	37
1027		4	max	.867	28	.004	12	.013	24	.072	2	.026	32	.007	12
1028			min	-.77	4	-.02	37	-.013	16	-.127	10	-.026	8	-.038	37
1029		5	max	.851	28	.007	12	.027	24	.072	2	0	98	0	98
1030			min	-.764	4	-.04	37	-.027	16	-.127	10	0	1	0	1
1031	VSK5	1	max	.97	29	.04	37	.027	33	.122	15	0	98	0	98
1032			min	-.847	5	-.007	13	-.027	9	-.082	5	0	1	0	1
1033		2	max	.955	29	.02	37	.013	33	.122	15	.025	33	.007	13
1034			min	-.841	5	-.004	13	-.013	9	-.082	5	-.025	9	-.038	37
1035		3	max	.939	29	0	98	0	98	.122	15	.034	33	.009	13
1036			min	-.835	5	0	1	0	1	-.082	5	-.034	9	-.05	37
1037		4	max	.924	29	.004	13	.013	25	.122	15	.025	33	.007	13
1038			min	-.829	5	-.02	37	-.013	17	-.082	5	-.025	9	-.038	37
1039		5	max	.908	29	.007	13	.027	25	.122	15	0	98	0	98
1040			min	-.823	5	-.04	37	-.027	17	-.082	5	0	1	0	1
1041	VSK6	1	max	.889	33	.039	42	.027	22	.072	7	0	98	0	98
1042			min	-.763	10	-.007	2	-.027	14	-.127	15	0	1	0	1
1043		2	max	.874	33	.02	42	.013	22	.072	7	.025	22	.007	2
1044			min	-.757	10	-.004	2	-.013	14	-.127	15	-.025	14	-.037	42
1045		3	max	.859	33	0	98	0	98	.072	7	.034	22	.009	2
1046			min	-.751	10	0	1	0	1	-.127	15	-.034	14	-.05	42
1047		4	max	.844	33	.004	2	.013	30	.072	7	.025	22	.007	2
1048			min	-.745	9	-.02	42	-.013	6	-.127	15	-.025	14	-.037	42

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

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Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
1049		5	max	.829	33	.007	2	.027	30	.072	7	0	98	0	98
1050			min	-.739	9	-.039	42	-.027	6	-.127	15	0	1	0	1
1051	MP-18	1	max	0	98	0	34	0	39	0	98	0	98	0	98
1052			min	0	1	0	25	0	30	0	1	0	1	0	1
1053		2	max	.209	49	.12	33	.141	22	.13	23	.119	22	.019	9
1054			min	.062	83	-.12	25	-.141	30	-.13	15	-.052	14	-.18	34
1055		3	max	.417	49	.239	33	.281	22	.26	23	.639	22	.38	9
1056			min	.124	83	-.239	25	-.281	30	-.26	15	-.505	14	-.61	33
1057		4	max	-.034	98	.072	26	.072	14	0	98	.072	22	.072	26
1058			min	-.146	34	-.072	2	-.072	22	0	1	-.072	14	-.072	2
1059		5	max	0	98	0	35	0	16	0	98	0	98	0	98
1060			min	0	1	0	14	0	46	0	1	0	1	0	1
1061	M110	1	max	.264	29	.59	39	.401	15	.381	31	.36	23	.604	34
1062			min	-.264	21	.164	92	-.401	7	-.382	23	-.36	15	-.007	13
1063		2	max	.264	29	.59	39	.401	15	.381	31	.335	23	.567	34
1064			min	-.264	21	.164	92	-.401	7	-.382	23	-.335	15	-.017	13
1065		3	max	.264	29	.59	39	.401	15	.381	31	.31	23	.531	34
1066			min	-.264	21	.164	92	-.401	7	-.382	23	-.31	15	-.028	13
1067		4	max	.264	29	.59	39	.401	15	.381	31	.285	23	.494	34
1068			min	-.264	21	.164	92	-.401	7	-.382	23	-.285	15	-.039	13
1069		5	max	.264	29	.59	39	.401	15	.381	31	.26	23	.457	34
1070			min	-.264	21	.164	92	-.401	7	-.382	23	-.26	15	-.05	13
1071	MP-14	1	max	0	98	0	19	0	22	0	98	0	98	0	98
1072			min	0	1	0	42	0	45	0	1	0	1	0	1
1073		2	max	.209	49	.12	19	.141	22	.13	29	.118	22	.18	42
1074			min	.062	83	-.12	27	-.141	30	-.13	5	-.052	14	-.019	3
1075		3	max	.417	49	.239	19	.281	22	.26	29	.638	22	.611	27
1076			min	.124	83	-.24	27	-.281	30	-.26	5	-.505	14	-.38	3
1077		4	max	-.034	98	.072	26	.072	30	0	98	.072	6	.072	26
1078			min	-.146	34	-.072	2	-.072	6	0	1	-.072	30	-.072	2
1079		5	max	0	98	0	49	0	38	0	98	0	98	0	98
1080			min	0	1	0	6	0	4	0	1	0	1	0	1
1081	M112	1	max	.264	31	.59	36	.401	5	.381	21	.36	29	.604	42
1082			min	-.264	23	.164	97	-.401	13	-.382	29	-.36	5	-.007	15
1083		2	max	.264	31	.59	36	.401	5	.381	21	.335	29	.567	42
1084			min	-.264	23	.164	97	-.401	13	-.382	29	-.335	5	-.017	15
1085		3	max	.264	31	.59	36	.401	5	.381	21	.31	29	.531	42
1086			min	-.264	23	.164	97	-.401	13	-.382	29	-.31	5	-.028	15
1087		4	max	.264	31	.59	36	.401	5	.381	21	.285	29	.494	42
1088			min	-.264	23	.164	97	-.401	13	-.382	29	-.285	5	-.039	15
1089		5	max	.264	31	.59	36	.401	5	.381	21	.26	29	.457	42
1090			min	-.264	23	.164	97	-.401	13	-.382	29	-.26	5	-.05	15
1091	MP-16	1	max	0	98	0	34	0	21	0	98	0	98	0	98
1092			min	0	1	0	26	0	47	0	1	0	1	0	1
1093		2	max	.209	49	.157	18	.093	21	.132	18	-.001	5	.088	26
1094			min	.062	83	-.156	26	-.094	31	-.132	10	-.195	47	-.089	18
1095		3	max	.417	49	.313	18	.186	21	.263	18	.259	5	.625	26
1096			min	.124	83	-.312	26	-.187	31	-.263	10	-.525	31	-.626	18
1097		4	max	-.034	98	.072	10	.072	14	0	98	.072	6	.072	10
1098			min	-.146	34	-.072	18	-.072	6	0	1	-.072	14	-.072	18
1099		5	max	0	98	0	10	0	38	0	98	0	98	0	98
1100			min	0	1	0	34	0	30	0	1	0	1	0	1
1101	M114	1	max	.266	23	.59	42	.404	26	.388	26	.364	18	.561	48
1102			min	-.266	31	.164	87	-.404	2	-.388	18	-.364	10	-.03	4
1103		2	max	.266	23	.59	42	.404	26	.388	26	.339	18	.524	48
1104			min	-.266	31	.164	87	-.404	2	-.388	18	-.339	10	-.041	4
1105		3	max	.266	23	.59	42	.404	26	.388	26	.314	18	.488	48

Envelope Member Section Forces (Continued)

	Member	Sec		Axial[k]	LC	y Shear[k]	LC	z Shear...	LC	Torque[k-ft]	LC	y-y Mo...	LC	z-z Moment[k-ft]	LC
1106			min	-.266	31	.164	87	-.404	2	-.388	18	-.314	10	-.051	4
1107		4	max	.266	23	.59	42	.404	26	.388	26	.288	18	.451	48
1108			min	-.266	31	.164	87	-.404	2	-.388	18	-.288	10	-.062	4
1109		5	max	.266	23	.59	42	.404	26	.388	26	.263	18	.414	48
1110			min	-.266	31	.164	87	-.404	2	-.388	18	-.263	10	-.073	4

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

	Member	Shape	Code Check	Loc[..	LC	Shea...	Loc[..	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-y [..	phi*Mn z-z [..	Cb	Eqn
1	AHCP-1	L2.5x2.5x4	.489	0	20	.032	1.26	z	18	37.721	38.556	1.114	2.537	1..	H2-1
2	AHCP-3	L2.5x2.5x4	.472	0	31	.032	1.26	z	29	37.721	38.556	1.114	2.537	1..	H2-1
3	AHCP-2	L2.5x2.5x4	.472	0	26	.033	1.26	z	8	37.721	38.556	1.114	2.537	1..	H2-1
4	SA1	HSS4X4X4	.460	0	42	.107	0	y	42	64.606	139.518	16.181	16.181	2..	H1-1b
5	SA3	HSS4X4X4	.460	0	42	.106	0	y	21	64.606	139.518	16.181	16.181	2..	H1-1b
6	SA2	HSS4X4X4	.454	0	47	.106	0	y	31	64.606	139.518	16.181	16.181	2..	H1-1b
7	MP-14	PIPE_2.0	.354	4	28	.188	4		29	28.526	32.13	1.872	1.872	1..	H1-1b
8	MP-18	PIPE_2.0	.353	4	32	.188	4		23	28.526	32.13	1.872	1.872	1..	H1-1b
9	MP-16	PIPE_2.0	.353	4	33	.191	4		18	28.526	32.13	1.872	1.872	1..	H1-1b
10	FF2-BH	PIPE_3.0	.318	5.135	30	.071	3.927		47	4.822	65.205	5.749	5.749	1..	H1-1a
11	FF1-BH	PIPE_3.0	.317	5.135	25	.072	3.927		41	4.822	65.205	5.749	5.749	1..	H1-1a
12	FF3-BH	PIPE_3.0	.317	5.135	19	.072	3.927		36	4.822	65.205	5.749	5.749	1..	H1-1a
13	MP-3	PIPE_2.5	.285	8.542	29	.051	1.458		18	9.814	50.715	3.596	3.596	1..	H1-1b
14	MP-7	PIPE_2.5	.285	8.542	18	.051	1.458		23	9.814	50.715	3.596	3.596	1..	H1-1b
15	MP-11	PIPE_2.5	.285	8.542	23	.051	1.458		28	9.814	50.715	3.596	3.596	2..	H1-1b
16	MP-2	PIPE_2.5	.271	8.542	23	.056	8.542		19	9.814	50.715	3.596	3.596	1..	H1-1b
17	MP-10	PIPE_2.5	.270	8.542	18	.056	8.542		30	9.814	50.715	3.596	3.596	1..	H1-1b
18	MP-6	PIPE_2.5	.270	8.542	29	.056	8.542		25	9.814	50.715	3.596	3.596	2..	H1-1b
19	MP-15	PIPE_2.0	.258	4	42	.160	4		29	13.788	32.13	1.872	1.872	1..	H1-1b
20	MP-13	PIPE_2.0	.258	4	34	.160	4		23	13.788	32.13	1.872	1.872	1..	H1-1b
21	MP-17	PIPE_2.0	.250	4	47	.162	4		18	13.788	32.13	1.872	1.872	1..	H1-1b
22	SR-1	PIPE_2.5	.234	4.833	31	.107	4.833		18	2.453	50.715	3.596	3.596	4..	H1-1b
23	SR-3	PIPE_2.5	.233	4.833	26	.107	4.833		29	2.453	50.715	3.596	3.596	4..	H1-1b
24	SR-2	PIPE_2.5	.233	4.833	21	.107	4.833		23	2.453	50.715	3.596	3.596	4..	H1-1b
25	INT-2B	HSS4X4X4	.230	0	34	.072	0	y	34	137.136	139.518	16.181	16.181	1..	H1-1b
26	INT-3B	HSS4X4X4	.227	0	41	.070	0	y	40	137.136	139.518	16.181	16.181	1..	H1-1b
27	INT-2A	HSS4X4X4	.225	2.535	34	.071	2.535	y	34	137.136	139.518	16.181	16.181	1..	H1-1b
28	INT-1B	HSS4X4X4	.224	0	47	.070	0	y	45	137.136	139.518	16.181	16.181	1..	H1-1b
29	INT-1A	HSS4X4X4	.223	2.535	42	.069	2.535	y	44	137.136	139.518	16.181	16.181	1..	H1-1b
30	GS-3	L2x2x3	.220	2.018	32	.014	0	y	34	9.983	23.393	.558	1.113	1..	H2-1
31	INT-3A	HSS4X4X4	.220	2.535	37	.069	2.535	y	39	137.136	139.518	16.181	16.181	1..	H1-1b
32	GS-1	L2x2x3	.220	2.018	27	.014	0	y	43	9.983	23.393	.558	1.148	1..	H2-1
33	GS-5	L2x2x3	.219	2.018	22	.014	0	y	39	9.983	23.393	.558	1.145	1..	H2-1
34	INT1P1	PL6x3/8	.207	.219	28	.248	.219	y	47	62.837	70.875	.554	8.859	1..	H1-1b
35	GS-6	L2x2x3	.199	2.104	25	.015	4.123	y	40	9.983	23.393	.558	1.148	1..	H2-1
36	GS-2	L2x2x3	.198	2.104	30	.015	4.123	y	45	9.983	23.393	.558	1.145	1..	H2-1
37	GS-4	L2x2x3	.198	2.104	20	.015	4.123	y	34	9.983	23.393	.558	1.113	1..	H2-1
38	INT3P1	PL6x3/8	.193	.219	22	.254	.219	y	42	62.837	70.875	.554	8.859	1..	H1-1b
39	INT2P1	PL6x3/8	.189	.219	33	.248	.219	y	36	62.837	70.875	.554	8.859	1..	H1-1b
40	MP-4	PIPE_2.5	.172	8.542	20	.076	8.542		18	9.814	50.715	3.596	3.596	1..	H1-1b
41	MP-8	PIPE_2.5	.171	8.542	26	.076	8.542		23	9.814	50.715	3.596	3.596	1..	H1-1b
42	MP-12	PIPE_2.5	.171	8.542	31	.076	8.542		29	9.814	50.715	3.596	3.596	2..	H1-1b
43	INT2P3	PL6x3/8	.169	.219	22	.250	.219	y	34	62.837	70.875	.554	8.859	1..	H1-1b
44	INT1P3	PL6x3/8	.167	.219	33	.251	.219	y	42	62.837	70.875	.554	8.859	1..	H1-1b
45	INT3P3	PL6x3/8	.167	.219	27	.246	.219	y	37	62.837	70.875	.554	8.859	1..	H1-1b
46	MP-9	PIPE_2.5	.132	8.542	42	.057	8.542		29	9.814	50.715	3.596	3.596	1..	H1-1b
47	MP-1	PIPE_2.5	.130	8.542	29	.057	8.542		18	9.814	50.715	3.596	3.596	1..	H1-1b

Company : Tower Engineering Professionals, Inc.
Designer : MTW
Job Number : TEP No. 315910.739349
Model Name : South Windsor Sand Hill Rd. (CTL01139)

Sept 1, 2022
1:58 PM
Checked By: CLT

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

	Member	Shape	Code Check	Loc[..	LC	Shea...	Loc[..	Dir	LC	phi*Pnc [k]	phi*Pnt [k]	phi*Mn y-y [..	phi*Mn z-z [..	Cb	Eqn
48	MP-5	PIPE_2.5	.129	8.542	18	.057	8.542		23	9.814	50.715	3.596	3.596	2..	H1-1b
49	INT2P2	PL6x3/8	.113	0	31	.175	0	y	31	68.143	70.875	.554	8.859	3..	H1-1b
50	INT1P2	PL6x3/8	.113	0	26	.176	0	y	26	68.143	70.875	.554	8.859	3..	H1-1b
51	INT3P2	PL6x3/8	.112	0	21	.176	0	y	21	68.143	70.875	.554	8.859	3..	H1-1b
52	INT1P4	PL6x3/8	.109	0	32	.144	0	y	31	68.143	70.875	.554	8.859	3..	H1-1b
53	INT2P4	PL6x3/8	.106	0	21	.144	0	y	21	68.143	70.875	.554	8.859	3..	H1-1b
54	INT3P4	PL6x3/8	.106	0	26	.144	0	y	26	68.143	70.875	.554	8.859	3..	H1-1b
55	CP1-2	PL6x1/2	.070	.679	28	.127	.679	y	18	73.179	97.2	1.012	12.15	1..	H1-1b
56	CP3-2	PL6x1/2	.070	.679	23	.127	.679	y	29	73.179	97.2	1.012	12.15	1..	H1-1b
57	CP2-2	PL6x1/2	.070	.679	18	.127	.679	y	23	73.179	97.2	1.012	12.15	1..	H1-1b
58	CP3-1	PL6x1/2	.042	.25	29	.248	.25	y	5	95.014	97.2	1.012	12.15	3..	H1-1b
59	CP1-1	PL6x1/2	.042	.25	18	.248	.25	y	10	95.014	97.2	1.012	12.15	3..	H1-1b
60	CP2-1	PL6x1/2	.042	.25	23	.247	.25	y	15	95.014	97.2	1.012	12.15	3..	H1-1b
61	VSK3	PIPE_2.5	.024	0	24	.040	0		10	41.02	50.715	3.596	3.596	1..	H1-1b*
62	VSK1	PIPE_2.5	.024	0	18	.040	0		5	41.02	50.715	3.596	3.596	1..	H1-1b*
63	VSK5	PIPE_2.5	.024	0	29	.040	5.092		15	41.02	50.715	3.596	3.596	1..	H1-1b*
64	VSK4	PIPE_2.5	.022	0	28	.041	5.092		10	41.02	50.715	3.596	3.596	1..	H1-1b*
65	VSK6	PIPE_2.5	.022	0	33	.042	5.092		15	41.02	50.715	3.596	3.596	1..	H1-1b*
66	VSK2	PIPE_2.5	.022	0	22	.041	5.092		4	41.02	50.715	3.596	3.596	1..	H1-1b*
67	CP2-3	PL6x1/2	.017	0	28	.164	0	y	4	95.014	97.2	1.012	12.15	3..	H1-1b
68	CP1-3	PL6x1/2	.016	0	22	.163	0	y	15	95.014	97.2	1.012	12.15	3..	H1-1b
69	CP3-3	PL6x1/2	.016	0	33	.163	0	y	10	95.014	97.2	1.012	12.15	3..	H1-1b

APPENDIX B

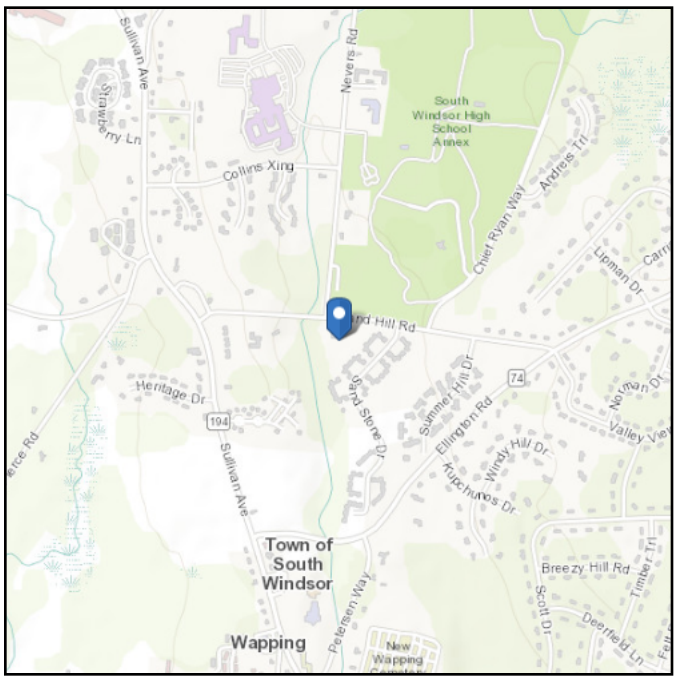
ADDITIONAL CALCULATIONS

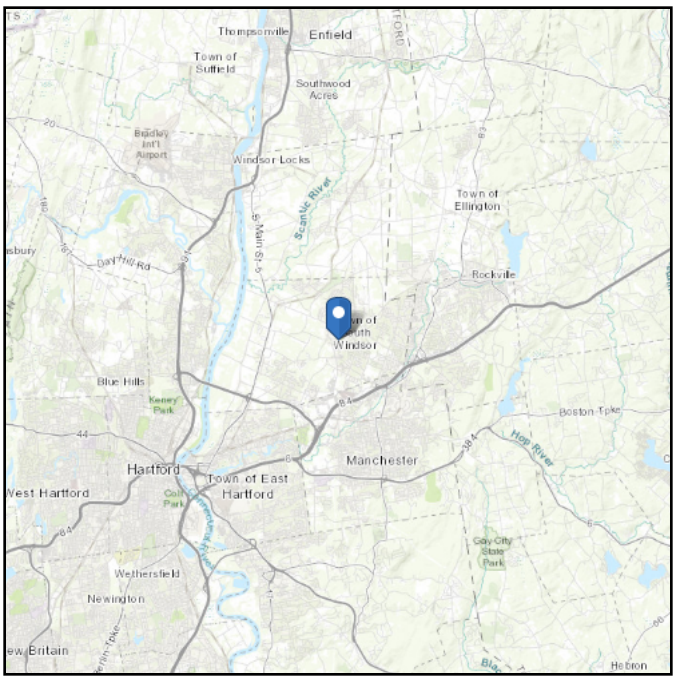
ASCE 7 Hazards Report

Address:
No Address at This Location

Standard: ASCE/SEI 7-16
Risk Category: II
Soil Class: D - Default (see Section 11.4.3)

Elevation: 163.63 ft (NAVD 88)
Latitude: 41.835992
Longitude: -72.551999





Wind

Results:

Wind Speed	118 Vmph
10-year MRI	75 Vmph
25-year MRI	84 Vmph
50-year MRI	90 Vmph
100-year MRI	97 Vmph

Data Source: ASCE/SEI 7-16, Fig. 26.5-1B and Figs. CC.2-1–CC.2-4, and Section 26.5.2
Date Accessed: Wed Aug 31 2022

Value provided is 3-second gust wind speeds at 33 ft above ground for Exposure C Category, based on linear interpolation between contours. Wind speeds are interpolated in accordance with the 7-16 Standard. Wind speeds correspond to approximately a 7% probability of exceedance in 50 years (annual exceedance probability = 0.00143, MRI = 700 years).

Site is in a hurricane-prone region as defined in ASCE/SEI 7-16 Section 26.2. Glazed openings need not be protected against wind-borne debris.

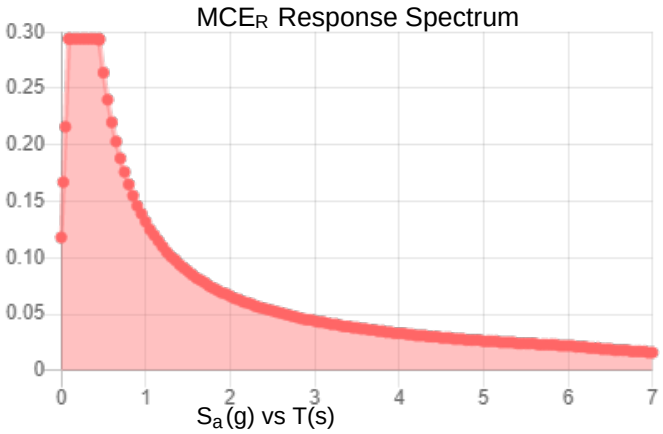
Seismic

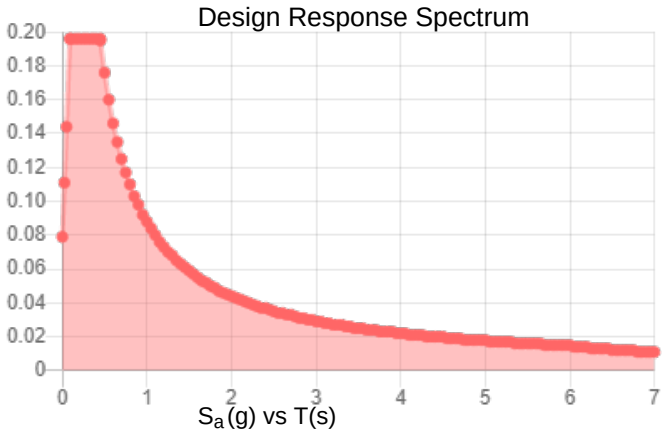
Site Soil Class: D - Default (see Section 11.4.3)

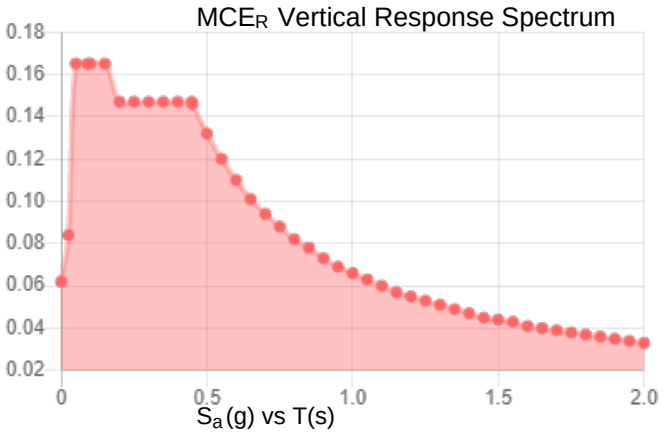
Results:

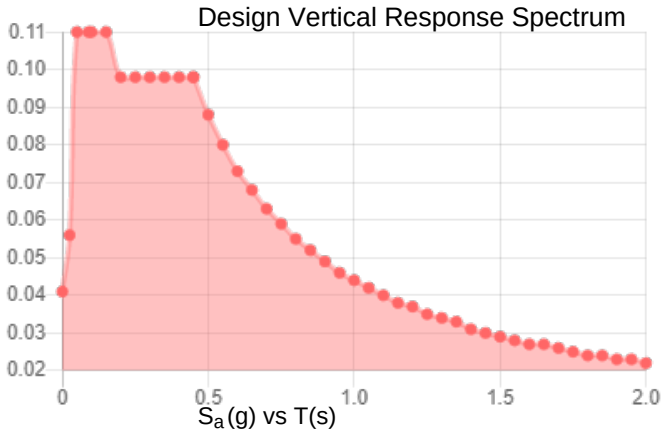
S_S :	0.184	S_{D1} :	0.088
S_1 :	0.055	T_L :	6
F_a :	1.6	PGA :	0.098
F_v :	2.4	PGA_M :	0.157
S_{MS} :	0.294	F_{PGA} :	1.6
S_{M1} :	0.132	I_e :	1
S_{DS} :	0.196	C_v :	0.7

Seismic Design Category B









Data Accessed: **Wed Aug 31 2022**

Date Source:

USGS Seismic Design Maps based on ASCE/SEI 7-16 and ASCE/SEI 7-16 Table 1.5-2. Additional data for site-specific ground motion procedures in accordance with ASCE/SEI 7-16 Ch. 21 are available from USGS.

Ice

Results:

Ice Thickness:	1.50 in.
Concurrent Temperature:	5 F
Gust Speed	50 mph
Data Source:	Standard ASCE/SEI 7-16, Figs. 10-2 through 10-8
Date Accessed:	Wed Aug 31 2022

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

Values provided are equivalent radial ice thicknesses due to freezing rain with concurrent 3-second gust speeds, for a 500-year mean recurrence interval, and temperatures concurrent with ice thicknesses due to freezing rain. Thicknesses for ice accretions caused by other sources shall be obtained from local meteorological studies. Ice thicknesses in exposed locations at elevations higher than the surrounding terrain and in valleys and gorges may exceed the mapped values.

TOWER ENGINEERING PROFESSIONALS

South Windsor Sand Hill Rd. (CTL01139)

TEP No.	315910.739349	
Analysis By:	MTW	9/1/2022
Checked By:	CLT	9/1/2022

Moment Bolt Group - HSS to Collar Connection

Code Revisions:	ANSI/TIA-222-H
Bolt Type:	Headed Bolts

Connection Inputs:

Bolt Size:	0.625	in
# Bolts:	4	
Plate Width:	8.00	in
Plate Height:	8.00	in
Bolt H Gap:	6.00	in
Bolt V Gap:	6.00	in
Plate T:	0.500	in
Slip Member Ø:	N/A	in
Bolt Grade:	A325N	

Capacities:

Bolt Capacity=	37.1%	PASS
Plate Capacity=	93.9%	PASS

Bolt Properties:

Fy_{bolt}:	92.0	ksi
Fu_{bolt}:	120.0	ksi
r:	4.2	in
J:	72.0	in^4/in^2
A_{bolt}:	0.3	in^2
$A_{bolt,\ Net\ Tensile}$:	0.2	in^2
Pretension:	19.0	kips

Member Properties:

Member Shape:	Flat	
Plate Fy:	35.0	ksi
Plate Fu:	60.0	ksi
Member Height:	4.0	in
Member Width:	4.0	in

AT&T TARP Mount Program Spec Sheet

Site: South Windsor Sand Hill Rd. (CTL01139)

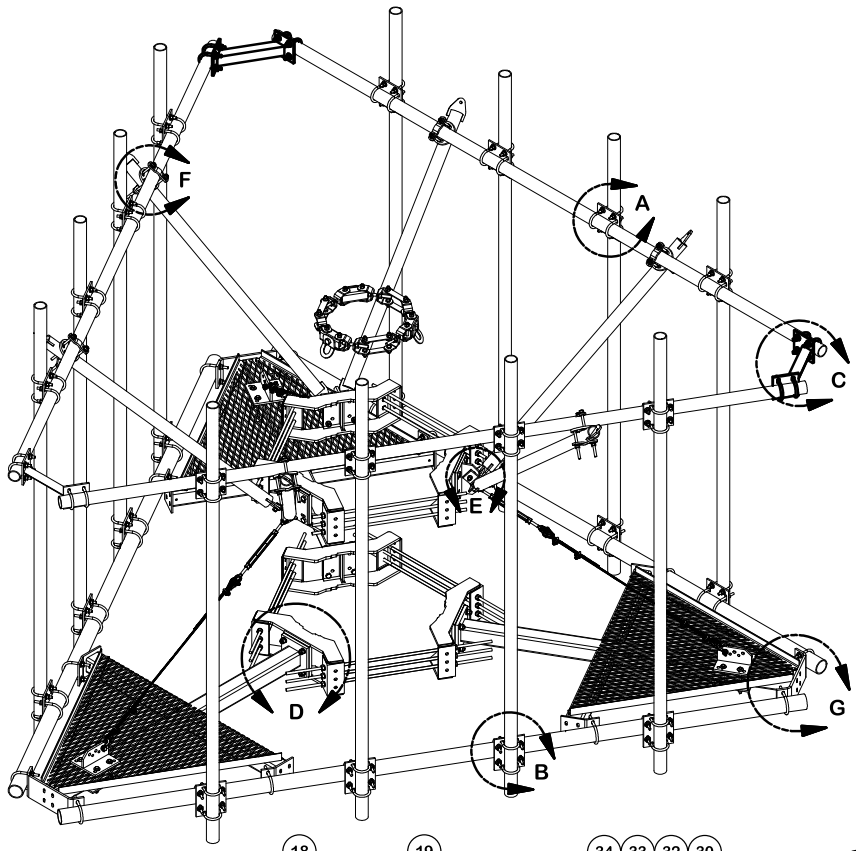
TARP Mount Specification

Basic Wind Speed (MPH)	Radial Ice (in.)	Height (ft.)	Exposure Category	Class	Topo Category	Number of Loaded Mount Pipes / Sector	Allowable[1] EPA / Pipe (ft^2)	Allowable[1] Weight / Pipe (lbf)
118	*1.5*	*170.0*	*C*	*II*	*Method 1*	*4*	*-*	*-*

Notes:
1) This allowable value is an average of the loaded mount pipes per sector

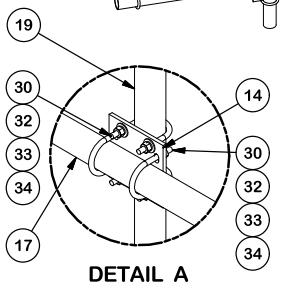
APPENDIX C

STRUCTURAL MODIFICATION GRAPHICS AND CUT SHEETS

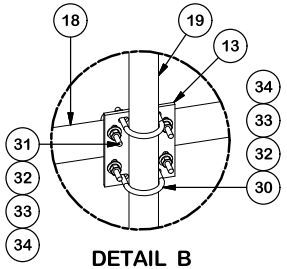


PARTS LIST

ITEM	QTY	PART NO.	PART DESCRIPTION	LENGTH	UNIT WT.	NET WT.
1	6	X-LWRM	RING MOUNT WELDMENT		68.81	412.85
2	3	X-SV196L	LONG PLATFORM WELDMENT		230.94	692.81
3	6	X-TBW	T-BRACKET WELDMENT		13.60	81.60
4	6	SHCM-T	CHAIN MOUNT TIGHTENER BRACKET	3 in	1.86	11.15
5	6	X-VSKL	LONG SUPPORT WELDMENT FOR VSK REINFORCEMENTS		37.05	222.33
6	6	X-127594	FLAT DISK CLAMP PLATE 4" CENTERS (GALV.)		2.51	15.04
7	12	X-100064	CLAMP (4" V-CLAMP) GALVANIZED		0.92	11.06
8	3	320751-I	1/2" CHAIN SHACKLE		0.76	2.29
9	3	320601-I	5/8" TURNBUCKLE		2.63	7.89
10	6	320777-I	5/16" THIMBLE		0.06	0.36
11	12	320152-I	5/16" WIRE ROPE CLIP		1.32	15.78
12	3	AC516-10	5/16" AIRECRAFT CABLE		1.25	3.76
13	15	SCX4	CROSSOVER PLATE	8 1/2 in	6.02	90.32
14	12	SCX2	CROSSOVER PLATE	7 in	4.80	57.56
15	3	X-AHCP	ANGLE HANDRAIL CORNER PLATE		12.92	38.76
17	3	P30174	2-7/8" O.D. x 174" SCH. 40 PIPE	174 in	84.20	252.59
18	3	P3174	3-1/2" X 174" SCH 40 GALVANIZED PIPE	174 in	109.97	329.90
19	12	P30120	2-7/8" x 120" (2-1/2" SCH. 40) GALVANIZED PIPE	120 in	58.07	696.79
20	18	G58R-48	5/8" x 48" THREADED ROD (HDG.)		4.18	75.27
20	18	G58R-24	5/8" x 24" THREADED ROD (HDG.)		2.09	37.63
21	12	A582114	5/8" x 2-1/4" HDG A325 HEX BOLT	2 1/4 in	0.31	3.75
22	12	A58234	5/8" x 2-3/4" HDG A325 HEX BOLT	2 3/4 in	0.36	4.27
23	12	A58FW	5/8" HDG A325 FLATWASHER		0.03	0.41
24	60	G58LW	5/8" HDG LOCKWASHER		0.03	1.57
25	60	G58NUT	5/8" HDG HEAVY 2H HEX NUT		0.13	7.79
26	6	G12112	1/2" x 1-1/2" HDG HEX BOLT GR5	1/2 in	0.15	0.89
27	3	G12212	1/2" x 2-1/2" HDG HEX BOLT GR5	2 1/2 in	0.20	0.61
28	12	G1204	1/2" x 4" HDG HEX BOLT GR5 FULL THREAD	4 in	0.27	3.24
29	24	G12065	1/2" x 6-1/2" HDG HEX BOLT GR5 FULL THREAD	5 1/2 in	0.41	9.83
30	84	X-UB1300	1/2" X 3" X 5" X 2" U-BOLT (HDG.)		0.67	56.19
31	36	X-UB1306	1/2" X 3-5/8" X 6" X 3" U-BOLT (HDG.)		0.83	29.82
32	288	G12FW	1/2" HDG USS FLATWASHER	3/32 in	0.03	9.82
33	285	G12LW	1/2" HDG LOCKWASHER	1/8 in	0.01	3.96
34	285	G12NUT	1/2" HDG HEAVY 2H HEX NUT		0.07	20.41
35	1	HALO40	5,000 LB. MAINTENANCE TIE-OFF POINT		41.12	41.12
					TOTAL WT. #	3249.41



DETAIL A



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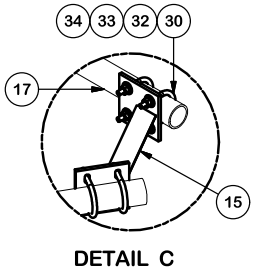
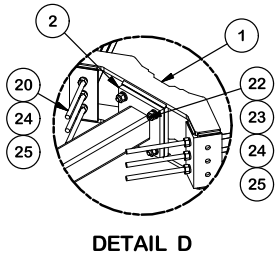
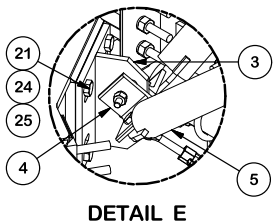


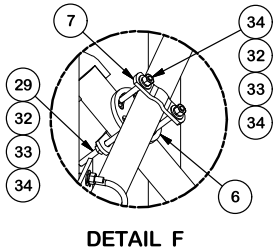
DETAIL C



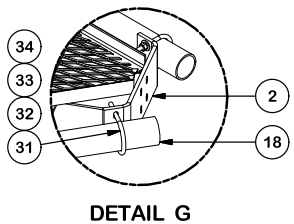
DETAIL D



DETAIL E



DETAIL F



DETAIL G

TOLERANCE NOTES

TOLERANCES ON DIMENSIONS, UNLESS OTHERWISE NOTED ARE:
SAWED, SHEARED AND GAS CUT EDGES (± 0.030")
DRILLED AND GAS CUT HOLES (± 0.030") - NO CONING OF HOLES
LASER CUT EDGES AND HOLES (± 0.010") - NO CONING OF HOLES
BENDS AND ANGLES ARE ± 1/2 DEGREE
ALL OTHER MACHINING (± 0.030")
ALL OTHER ASSEMBLY (± 0.060")

DESCRIPTION
14' 6" LOW PROFILE PLATFORM
WITH TWELVE 2-7/8" ANTENNA MOUTING
PIPES, REINFORCED HANDRAIL, AND CABLE

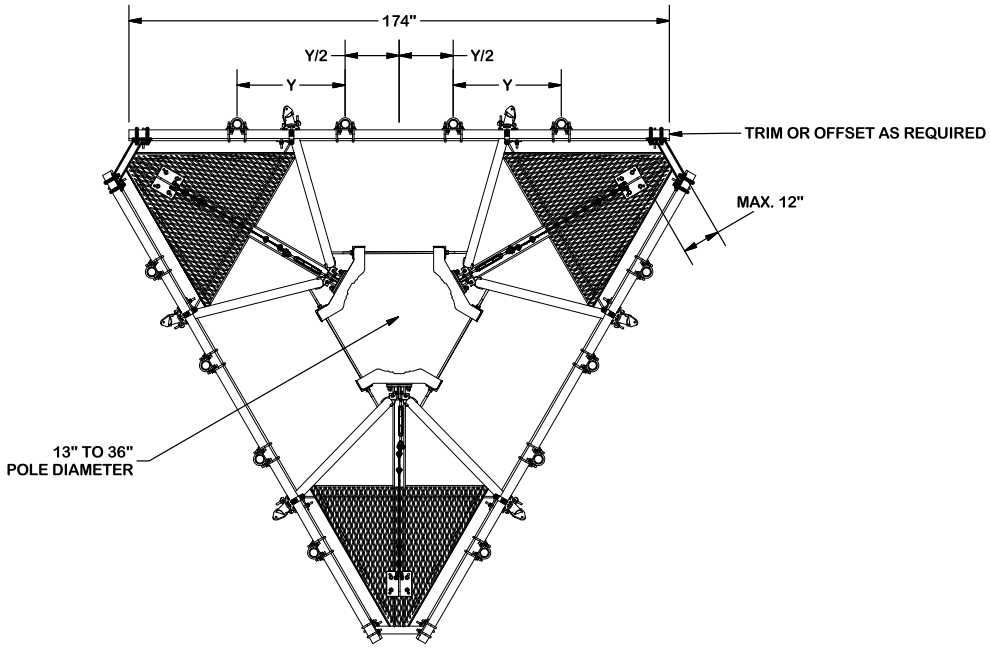
SITE PRO 1 — A valmont COMPANY

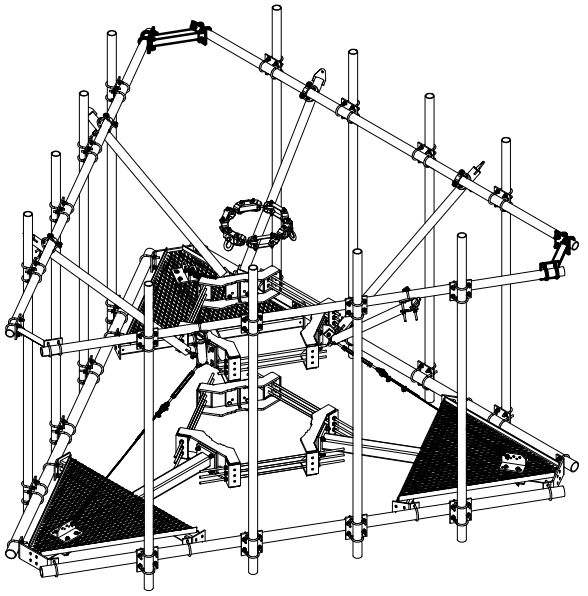
Engineering Support Team: 1-888-753-7446

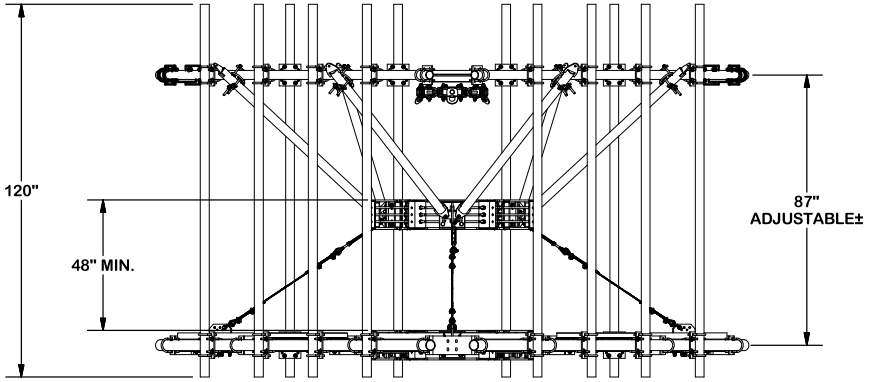
Locations:
New York, NY
Atlanta, GA
Los Angeles, CA
Plymouth, IN
Salem, OR
Dallas, TX
Tampa, FL

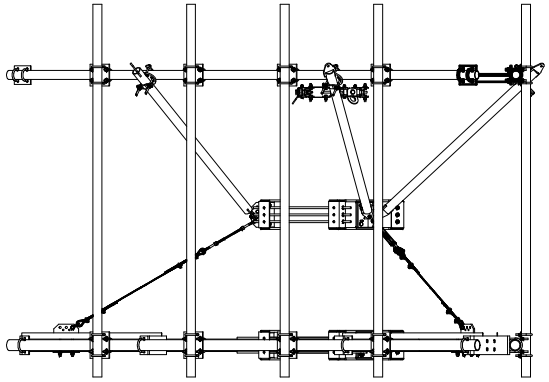
CPD NO.	DRAWN BY	ENG. APPROVAL	PART NO.	PAGE
	CSL 10/17/2019	10/18/2019	RMQLP-4120-H10	1 OF 3

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
87	02	CUSTOMER	BMC 10/18/2019	RMQLP-4120-H10









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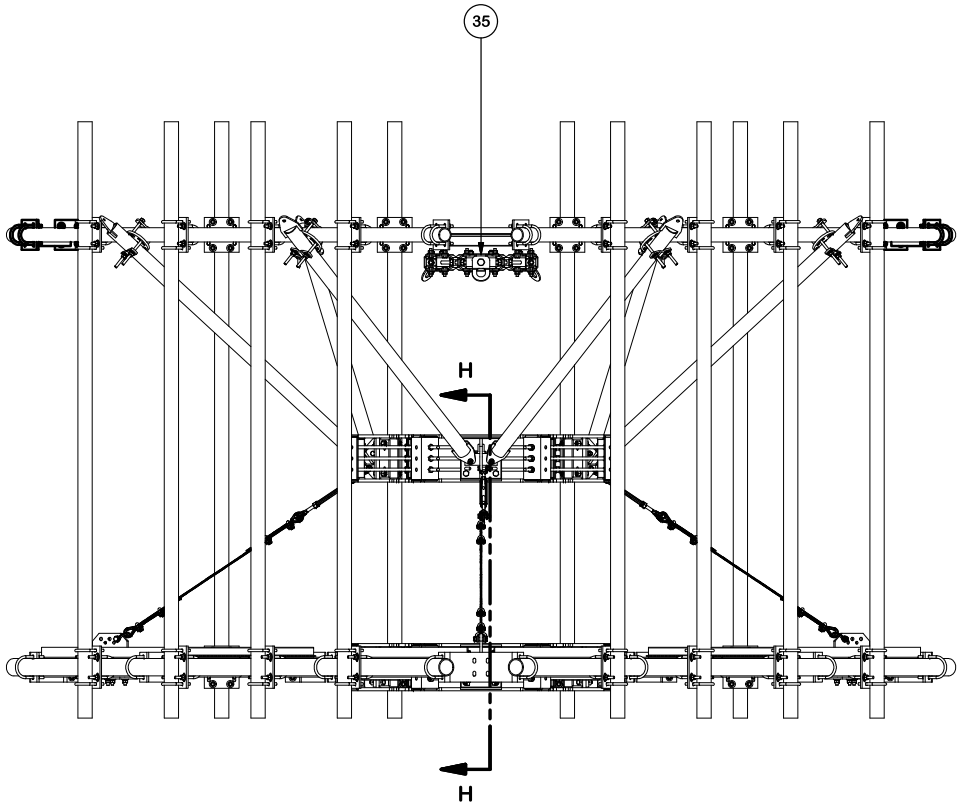
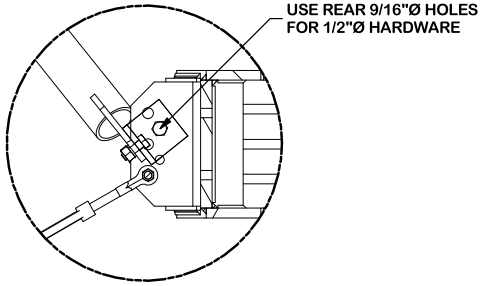
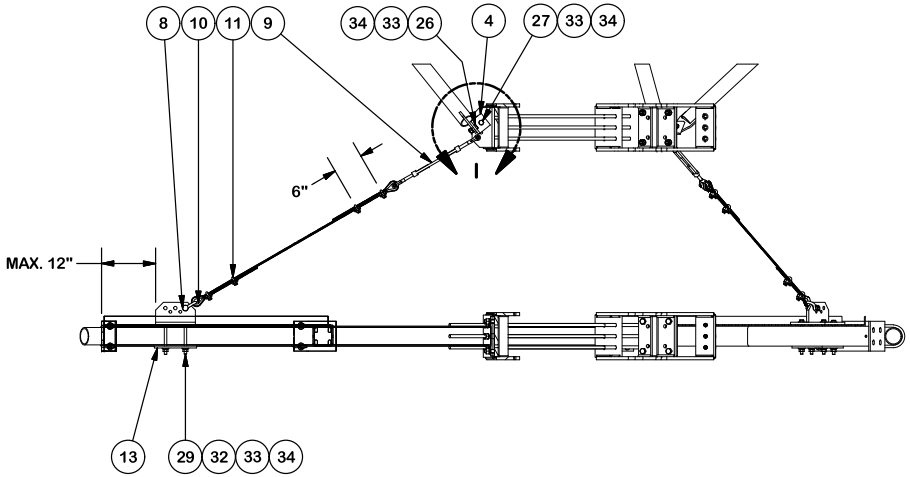
	CSL 10/17/2019	10/18/2019	RMQLP-4120-H10

CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
87	02	CUSTOMER	BMC 10/18/2019	RMQLP-4120-H10





DETAIL I



SECTION H-H

NOTE:
SOME OBJECTS ARE TRANSPARENT FOR CLARITY

TOLERANCE NOTES

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CLASS	SUB	DRAWING USAGE	CHECKED BY	DWG. NO.
87	02	CUSTOMER	BMC 10/18/2019	RMQLP-4120-H10

EXHIBIT 5

Radio Frequency Exposure Analysis Report

August 29, 2022

Centerline on behalf of AT&T

AT&T Site Name: SOUTH WINDSOR SAND HILL RD
Site Number: CTL01139
FA#: 10035389
USID: 59386

Site Address: 151 SAND HILL ROAD, SOUTH WINDSOR, CT 06074

Michael Fischer, P.E.
Registered Professional Engineer (Electrical)
Connecticut License Number 33928
Expires January 31, 2023

Signed 29 August 2022

Site Compliance Summary

AT&T Compliance Status:	Compliant
Cumulative Calculated Power Density (Ground Level):	18.94388 µW/cm^2
Cumulative General Population % MPE (Ground Level):	1.8967%

August 29, 2022

Centerline
Attn: Jennifer Iliades, Project Manager
750 W Center St, Suite 301
West Bridgewater, MA 02379

RF Exposure Analysis for Site: **SOUTH WINDSOR SAND HILL RD**

Centerline Communications, LLC ("Centerline") was contracted to analyze the proposed AT&T facility at **151 SAND HILL ROAD, SOUTH WINDSOR, CT 06074** for the purpose of determining whether the predictive exposure from the proposed facility is within specified federal limits.

All information used in this report was analyzed as a percentage of the Maximum Permissible Exposure (% MPE) limits as detailed in 47 CFR § 1.1310 as well as Federal Communications Commission (FCC) OET Bulletin 65 Edition 97-01. The FCC MPE limits are typically expressed in units of milliwatts per square centimeter (mW/cm^2) or microwatts per square centimeter ($\mu W/cm^2$). The exposure limits vary depending upon the frequencies being utilized. The General Population/Uncontrolled MPE limit (in mW/cm^2) for frequencies between 300 and 1500 is defined as frequency (in MHz) divided by 1500 ($f_{MHz}/1500$). Frequencies between 1500 and 100,000 MHz have a General Population/Uncontrolled MPE limit of 1 mW/cm^2 (1000 $\mu W/cm^2$). The calculated power density at each sample point divided by the limit at each calculated frequency provides a result in % MPE. Summing the calculated % MPE from all contributors provides a cumulative % MPE at a particular sample point. Wireless carriers use different frequency bands with varying MPE limits; therefore, it is useful to report results in terms of % MPE as opposed to power density.

All results were compared to the FCC radio frequency exposure rules as detailed in 47 CFR § 1.1307(b) to determine compliance with the MPE limits for General Population/Uncontrolled environments as defined below.

General population/uncontrolled exposure limits apply to situations in which the general population may be exposed or in which persons who are exposed as a consequence of their employment may not be made fully aware of the potential for exposure or cannot exercise control over their exposure. Therefore, members of the general population would always be considered under this category when exposure is not employment related, for example, in the case of a telecommunications tower that exposes persons in a nearby residential area.

Occupational/controlled exposure limits apply to situations in which persons are exposed as a consequence of their employment and in which those persons who are exposed have been made fully aware of the potential for exposure and can exercise control over their exposure. Occupational/ controlled exposure limits also apply where exposure is of a transient nature as a result of incidental passage through a location where exposure levels may be above general population/uncontrolled limits, as long as the exposed person has been made fully aware of the potential for exposure and can exercise control over his or her exposure by leaving the area or by some other appropriate means. Additional details can be found in FCC OET 65.

Calculation Methodology

Centerline Communications, LLC has performed theoretical modeling of the site using a software tool, RoofMaster®, which incorporates calculation methodologies detailed in FCC OET 65. RoofMaster® uses a cylindrical model for conservative power density predictions within the near field of the antenna where the antenna pattern has not truly formed yet. Within this area power density values tend to decrease based upon an inverse distance function. At the point where it is appropriate for modeling to change from near-field calculations to far-field calculations, the power decreases inversely with the square of the distance. The modeling is based on worst-case assumptions in terms of transmitter power and duty cycle. No losses were included in the power calculations unless they were specifically provided for the project.

In OET 65, a far field model is presented to calculate the spatial peak power density. The RoofMaster® implementation of this model incorporates antenna manufacturer's horizontal and vertical pattern data to determine the power density in all directions. This model yields the power density at a single point in space. In order to determine the spatial power density for comparison to the FCC limits, the average of several points calculated within the human profile (0-6') must be conducted. RoofMaster® calculates seven power density values between 0-6' above the specified study plane and performs a linear spatial average.

Data & Results

The following table details the antennas and operating parameters for the AT&T antenna system as well as any other antenna systems at the site. This is based on antenna information provided by the client and data compiled from other sources where necessary. The data below was input into Roofmaster® to perform the theoretical exposure calculations at ground level.

The theoretical calculations performed in Roofmaster® determine the cumulative exposure at all sample points at ground level (0-6' spatial average). The results from highest cumulative sample point at ground level surrounding the site are displayed in the table below. The contribution from directional antennas to the maximum cumulative totals varies greatly depending on location; therefore, the contribution from one antenna sector at the highest calculated exposure point may be greater or less than other sectors since sectorized directional antennas are pointed in different directions and there is not much overlapping exposure.

The contribution to the cumulative power density and % MPE for each antenna/frequency band is listed in the table. The cumulative power density and cumulative % MPE are displayed at the bottom of the table.

Maximum Calculated Cumulative Power Density @ Ground Level (Location: approximately 458' west of site)

Antenna ID	Make / Model	Frequency Band (MHz)	Antenna Gain (dBd)	Antenna Centerline (ft)	Channel Count	TX Power/ Channel (watts)	ERP (watts)	Calculated Power Density ($\mu W/cm^2$)	General Population MPE Limit ($\mu W/cm^2$)	General Population % MPE
AT&T A 1	QUINTEL QD6616-7 V1	700	11.93	170.00	4.00	30.00	1871.85	0.00000	466.67	0.00000
AT&T A 1	QUINTEL QD6616-7 V1	1900	15.11	170.00	4.00	30.00	3888.22	0.00000	1000.00	0.00000
AT&T A 1	QUINTEL QD6616-7 V1	2100	15.50	170.00	4.00	30.00	4257.96	0.00000	1000.00	0.00000
AT&T A 1	QUINTEL QD6616-7 V1	700	11.93	170.00	2.00	30.00	935.93	0.00000	466.67	0.00000
AT&T A 2	ERICSSON AIR6449	3700	23.55	168.20	1.00	108.40	24548.74	0.00000	1000.00	0.00000
AT&T A 3	ERICSSON AIR6419	3450	23.55	171.80	1.00	108.40	24548.74	0.00000	1000.00	0.00000
AT&T A 4	CCI DMP65R-BU6D	700	11.35	170.00	4.00	30.00	1637.50	0.00000	466.67	0.00000
AT&T A 4	CCI DMP65R-BU6D	850	11.45	170.00	4.00	30.00	1675.64	0.00000	566.67	0.00000
AT&T A 4	CCI DMP65R-BU6D	2300	15.25	170.00	4.00	18.00	2411.75	0.00000	1000.00	0.00000
AT&T B 5	QUINTEL QD6616-7 V1	700	11.93	170.00	4.00	30.00	1871.85	0.00000	466.67	0.00000
AT&T B 5	QUINTEL QD6616-7 V1	1900	15.11	170.00	4.00	30.00	3888.22	0.00000	1000.00	0.00000
AT&T B 5	QUINTEL QD6616-7 V1	2100	15.50	170.00	4.00	30.00	4257.96	0.00000	1000.00	0.00000
AT&T B 5	QUINTEL QD6616-7 V1	700	11.93	170.00	2.00	30.00	935.93	0.00000	466.67	0.00000
AT&T B 6	ERICSSON AIR6449	3700	23.55	168.20	1.00	108.40	24548.74	0.00000	1000.00	0.00000
AT&T B 7	ERICSSON AIR6419	3450	23.55	171.80	1.00	108.40	24548.74	0.00000	1000.00	0.00000
AT&T B 8	CCI DMP65R-BU6D	700	11.35	170.00	4.00	30.00	1637.50	0.00000	466.67	0.00000
AT&T B 8	CCI DMP65R-BU6D	850	11.45	170.00	4.00	30.00	1675.64	0.00000	566.67	0.00000
AT&T B 8	CCI DMP65R-BU6D	2300	15.25	170.00	4.00	18.00	2411.75	0.00000	1000.00	0.00000
AT&T C 9	QUINTEL QD6616-7 V1	700	11.93	170.00	4.00	30.00	1871.85	0.00006	466.67	0.00001
AT&T C 9	QUINTEL QD6616-7 V1	1900	15.11	170.00	4.00	30.00	3888.22	0.00006	1000.00	0.00001
AT&T C 9	QUINTEL QD6616-7 V1	2100	15.50	170.00	4.00	30.00	4257.96	0.00008	1000.00	0.00001
AT&T C 9	QUINTEL QD6616-7 V1	700	11.93	170.00	2.00	30.00	935.93	0.00003	466.67	0.00001
AT&T C 10	ERICSSON AIR6449	3700	23.55	168.20	1.00	108.40	24548.74	0.00047	1000.00	0.00005
AT&T C 11	ERICSSON AIR6419	3450	23.55	171.80	1.00	108.40	24548.74	0.00044	1000.00	0.00004
AT&T C 12	CCI DMP65R-BU6D	700	11.35	170.00	4.00	30.00	1637.50	0.00012	466.67	0.00003
AT&T C 12	CCI DMP65R-BU6D	850	11.45	170.00	4.00	30.00	1675.64	0.00006	566.67	0.00001
AT&T C 12	CCI DMP65R-BU6D	2300	15.25	170.00	4.00	18.00	2411.75	0.00004	1000.00	0.00000
Town of South Windsor 13	GENERIC OMNI 6FT	850	5.96	187.00	1.00	25.00	98.61	0.00000	566.67	0.00000
Town of South Windsor 14	GENERIC OMNI 5FT	850	5.96	187.00	1.00	25.00	98.61	0.00000	566.67	0.00000
Town of South Windsor 15	GENERIC OMNI 5FT	850	5.96	187.00	1.00	25.00	98.61	0.00000	566.67	0.00000
Town of South Windsor 16	COMMSCOPE DB201-L	50	0.00	187.00	1.00	25.00	25.00	0.00271	200.00	0.00136
Town of South Windsor 17	COMMSCOPE DB201-L	50	0.00	187.00	1.00	25.00	25.00	0.00271	200.00	0.00136
Town of South Windsor 18	KATHREIN MF-950B	950	14.00	187.00	1.00	0.10	2.51	0.00000	633.33	0.00000

Antenna ID	Make / Model	Frequency Band (MHz)	Antenna Gain (dBd)	Antenna Centerline (ft)	Channel Count	TX Power/ Channel (watts)	ERP (watts)	Calculated Power Density (μW/cm²)	General Population MPE Limit (μW/cm²)	General Population % MPE
T-Mobile A 19	ERICSSON AIR6449	2500	17.30	160.00	1.00	60.00	3222.19	0.00218	1000.00	0.00022
T-Mobile A 19	ERICSSON AIR6449	2500	22.35	160.00	1.00	90.00	15461.18	0.09086	1000.00	0.00909
T-Mobile A 19	ERICSSON AIR6449	2500	22.35	160.00	1.00	90.00	15461.18	0.09086	1000.00	0.00909
T-Mobile A 20	RFS APXVAARR24 43-U-NA20	700	13.17	160.00	4.00	40.00	3319.86	0.00000	466.67	0.00000
T-Mobile A 20	RFS APXVAARR24 43-U-NA20	600	13.09	160.00	2.00	40.00	1629.63	0.00000	400.00	0.00000
T-Mobile A 20	RFS APXVAARR24 43-U-NA20	600	13.09	160.00	2.00	30.00	1222.23	0.00000	400.00	0.00000
T-Mobile A 21	ERICSSON AIR 32	2100	15.55	160.00	4.00	30.00	4307.06	0.00000	1000.00	0.00000
T-Mobile A 21	ERICSSON AIR 32	1900	15.65	160.00	4.00	30.00	4407.39	0.00000	1000.00	0.00000
T-Mobile B 22	ERICSSON AIR6449	2500	17.30	160.00	1.00	60.00	3222.19	0.00218	1000.00	0.00022
T-Mobile B 22	ERICSSON AIR6449	2500	22.35	160.00	1.00	90.00	15461.18	0.09086	1000.00	0.00909
T-Mobile B 22	ERICSSON AIR6449	2500	22.35	160.00	1.00	90.00	15461.18	0.09086	1000.00	0.00909
T-Mobile B 23	RFS APXVAARR24 43-U-NA20	700	13.17	160.00	4.00	40.00	3319.86	0.00000	466.67	0.00000
T-Mobile B 23	RFS APXVAARR24 43-U-NA20	600	13.09	160.00	2.00	40.00	1629.63	0.00000	400.00	0.00000
T-Mobile B 23	RFS APXVAARR24 43-U-NA20	600	13.09	160.00	2.00	30.00	1222.23	0.00000	400.00	0.00000
T-Mobile B 24	ERICSSON AIR 32	2100	15.55	160.00	4.00	30.00	4307.06	0.00000	1000.00	0.00000
T-Mobile B 24	ERICSSON AIR 32	1900	15.65	160.00	4.00	30.00	4407.39	0.00000	1000.00	0.00000
T-Mobile C 25	ERICSSON AIR6449	2500	17.30	160.00	1.00	60.00	3222.19	1.21183	1000.00	0.12118
T-Mobile C 25	ERICSSON AIR6449	2500	22.35	160.00	1.00	90.00	15461.18	8.67706	1000.00	0.86771
T-Mobile C 25	ERICSSON AIR6449	2500	22.35	160.00	1.00	90.00	15461.18	8.67706	1000.00	0.86771
T-Mobile C 26	RFS APXVAARR24 43-U-NA20	700	13.17	160.00	4.00	40.00	3319.86	0.00007	466.67	0.00002
T-Mobile C 26	RFS APXVAARR24 43-U-NA20	600	13.09	160.00	2.00	40.00	1629.63	0.00003	400.00	0.00001
T-Mobile C 26	RFS APXVAARR24 43-U-NA20	600	13.09	160.00	2.00	30.00	1222.23	0.00002	400.00	0.00001
T-Mobile C 27	ERICSSON AIR 32	2100	15.55	160.00	4.00	30.00	4307.06	0.00008	1000.00	0.00001
T-Mobile C 27	ERICSSON AIR 32	1900	15.65	160.00	4.00	30.00	4407.39	0.00015	1000.00	0.00002
Verizon A 28	COMMSCOPE LNX-6514DS-VTM	850	13.85	140.00	7.00	20.00	3396.47	0.00000	566.67	0.00000
Verizon A 29	COMMSCOPE NHH-65B-R2B	700	12.29	140.00	4.00	40.00	2710.94	0.00000	466.67	0.00000
Verizon A 29	COMMSCOPE NHH-65B-R2B	1900	15.65	140.00	4.00	40.00	5876.52	0.00000	1000.00	0.00000
Verizon A 30	COMMSCOPE NHHSS-65B-R2BT0	850	12.85	140.00	4.00	40.00	3084.04	0.00000	566.67	0.00000
Verizon A 30	COMMSCOPE NHHSS-65B-R2BT0	2100	15.45	140.00	4.00	40.00	5612.03	0.00000	1000.00	0.00000
Verizon A 30	COMMSCOPE NHHSS-65B-R2BT0	3600	15.05	140.00	4.00	5.00	639.78	0.00000	1000.00	0.00000
Verizon A 31	SAMSUNG MT6407	3700	23.35	140.00	4.00	50.00	43254.37	0.00010	1000.00	0.00001
Verizon B 32	COMMSCOPE LNX-6514DS-VTM	850	13.85	140.00	7.00	20.00	3396.47	0.00000	566.67	0.00000
Verizon B 33	COMMSCOPE NHH-65B-R2B	700	12.29	140.00	4.00	40.00	2710.94	0.00000	466.67	0.00000
Verizon B 33	COMMSCOPE NHH-65B-R2B	1900	15.65	140.00	4.00	40.00	5876.52	0.00000	1000.00	0.00000
Verizon B 34	COMMSCOPE NHHSS-65B-R2BT0	850	12.85	140.00	4.00	40.00	3084.04	0.00000	566.67	0.00000
Verizon B 34	COMMSCOPE NHHSS-65B-R2BT0	2100	15.45	140.00	4.00	40.00	5612.03	0.00000	1000.00	0.00000

Antenna ID	Make / Model	Frequency Band (MHz)	Antenna Gain (dBd)	Antenna Centerline (ft)	Channel Count	TX Power/ Channel (watts)	ERP (watts)	Calculated Power Density ($\mu W/cm^2$)	General Population MPE Limit ($\mu W/cm^2$)	General Population % MPE
Verizon B 34	COMMSCOPE NHHSS-65B-R2BT0	3600	15.05	140.00	4.00	5.00	639.78	0.00000	1000.00	0.00000
Verizon B 35	SAMSUNG MT6407	3700	23.35	140.00	4.00	50.00	43254.37	0.00002	1000.00	0.00000
Verizon C 36	COMMSCOPE LNX-6514DS-VTM	850	13.85	140.00	7.00	20.00	3396.47	0.00000	566.67	0.00001
Verizon C 37	COMMSCOPE NHH-65B-R2B	700	12.29	140.00	4.00	40.00	2710.94	0.00007	466.67	0.00002
Verizon C 37	COMMSCOPE NHH-65B-R2B	1900	15.65	140.00	4.00	40.00	5876.52	0.00007	1000.00	0.00001
Verizon C 38	COMMSCOPE NHHSS-65B-R2BT0	850	12.85	140.00	4.00	40.00	3084.04	0.00007	566.67	0.00001
Verizon C 38	COMMSCOPE NHHSS-65B-R2BT0	2100	15.45	140.00	4.00	40.00	5612.03	0.00005	1000.00	0.00001
Verizon C 38	COMMSCOPE NHHSS-65B-R2BT0	3600	15.05	140.00	4.00	5.00	639.78	0.00001	1000.00	0.00000
Verizon C 39	SAMSUNG MT6407	3700	23.35	140.00	4.00	50.00	43254.37	0.00133	1000.00	0.00013
Sprint A 40	RFS APXVSPP18-C-A20	850	13.35	130.00	2.00	40.00	1730.17	0.00000	566.67	0.00000
Sprint A 40	RFS APXVSPP18-C-A20-	1900	15.85	130.00	2.00	60.00	4615.10	0.00000	1000.00	0.00000
Sprint A 41	RFS APXVTM14-C-I20 BC	2500	15.85	130.00	1.00	34.70	1334.53	0.00000	1000.00	0.00000
Sprint B 42	RFS APXVSPP18-C-A20	850	13.35	130.00	2.00	40.00	1730.17	0.00000	566.67	0.00000
Sprint B 42	RFS APXVSPP18-C-A20-	1900	15.85	130.00	2.00	60.00	4615.10	0.00000	1000.00	0.00000
Sprint B 43	RFS APXVTM14-C-I20 BC	2500	15.85	130.00	1.00	34.70	1334.53	0.00000	1000.00	0.00000
Sprint C 44	RFS APXVSPP18-C-A20	850	13.35	130.00	2.00	40.00	1730.17	0.00004	566.67	0.00001
Sprint C 44	RFS APXVSPP18-C-A20-	1900	15.85	130.00	2.00	60.00	4615.10	0.00005	1000.00	0.00001
Sprint C 45	RFS APXVTM14-C-I20 BC	2500	15.85	130.00	1.00	34.70	1334.53	0.00002	1000.00	0.00000
Dish A 46	JMA MX08FRO665-21	600	11.35	102.00	4.00	40.00	2183.33	0.00000	400.00	0.00000
Dish A 46	JMA MX08FRO665-21	700	12.05	102.00	4.00	40.00	2565.19	0.00000	466.67	0.00000
Dish A 46	JMA MX08FRO665-21	2000	15.75	102.00	4.00	40.00	6013.40	0.00000	1000.00	0.00000
Dish A 46	JMA MX08FRO665-21	2100	16.75	102.00	4.00	40.00	7570.42	0.00000	1000.00	0.00000
Dish B 47	JMA MX08FRO665-21	600	11.35	102.00	4.00	40.00	2183.33	0.00000	400.00	0.00000
Dish B 47	JMA MX08FRO665-21	700	12.05	102.00	4.00	40.00	2565.19	0.00000	466.67	0.00000
Dish B 47	JMA MX08FRO665-21	2000	15.75	102.00	4.00	40.00	6013.40	0.00000	1000.00	0.00000
Dish B 47	JMA MX08FRO665-21	2100	16.75	102.00	4.00	40.00	7570.42	0.00000	1000.00	0.00000
Dish C 48	JMA MX08FRO665-21	600	11.35	102.00	4.00	40.00	2183.33	0.00026	400.00	0.00006
Dish C 48	JMA MX08FRO665-21	700	12.05	102.00	4.00	40.00	2565.19	0.00031	466.67	0.00007
Dish C 48	JMA MX08FRO665-21	2000	15.75	102.00	4.00	40.00	6013.40	0.00023	1000.00	0.00002
Dish C 48	JMA MX08FRO665-21	2100	16.75	102.00	4.00	40.00	7570.42	0.00026	1000.00	0.00003
Town of South Windsor 49	KATHREIN MF-950B	950	14.00	92.00	1.00	0.10	2.51	0.00000	633.33	0.00000
Town of South Windsor 50	KATHREIN MF-950B	950	14.00	92.00	1.00	0.10	2.51	0.00000	633.33	0.00000
Town of South Windsor 51	GENERIC YAGI 2FT	700	11.10	92.00	1.00	6.46	83.18	0.00000	466.67	0.00000
Town of South Windsor 52	COMMSCOPE DB201-L	50	0.00	92.00	1.00	25.00	25.00	0.00001	200.00	0.00000
Town of South Windsor 53	GENERIC OMNI 3FT	850	2.60	92.00	1.00	55.00	100.08	0.00001	566.67	0.00000

Antenna ID	Make / Model	Frequency Band (MHz)	Antenna Gain (dBd)	Antenna Centerline (ft)	Channel Count	TX Power/ Channel (watts)	ERP (watts)	Calculated Power Density ($\mu W/cm^2$)	General Population MPE Limit ($\mu W/cm^2$)	General Population % MPE
Town of South Windsor 54	GENERIC OMNI 6FT	850	5.96	92.00	1.00	25.00	98.61	0.00001	566.67	0.00000
							Cumulative Power Density:	**18.94388 $\mu W/cm^2$**	**Cumulative % MPE:**	**1.89670%**

Summary

The theoretical calculations performed for this analysis yielded cumulative power density totals in all areas at ground level that are within the allowable federal limits for public exposure to RF energy. Therefore, the site is **compliant** with FCC rules and regulations.

Katrina Styx
RF EME Technical Writer
Centerline Communications, LLC

EXHIBIT 6

APPLICATION FOR BUILDING PERMIT

Electric # 17507; 17775
Plumbing # _____
HVAC # _____
Sprinkl r # _____

FINAL APPROVALS
Building 8/5/02 CSDs
Engineering _____
Affidavit _____
Appr. for CO. _____

D-11

151 Sand Hill Road

No. 28346

COMPLETE RED BOXED AREAS
TYPE OR PRINT ONLY
SIGN ON REVERSE SIDE

Date: NOVEMBER 9, 2001

Estimated Cost $ 140,000
Permit Fee $ 1820
Occupancy Fee $ 5

Total Fee $ 1825
(Additional Cost) $ _____

TO BUILDING DEPARTMENT, TOWN OF SOUTH WINDSOR, CT

The und rsigned hereby applies to do work according to the following specifications:

Job Location 151 SAND HILL ROAD Lot No. 76-8 Side of Street S Zon RR

Applicant SBA PROPERTIES, INC. Tel. # 860 659-9101

Addr ss 80 EASTERN BOULEVARD, GLASTONBURY, CT Zip 06033 Lic. # _____

Own r THE TOWN OF SOUTH WINDSOR Address 1540 SULLIVAN AVE, SOUTH WINDSOR, CT 06074

Architect DIVERSIFIED TECHNOLOGY CONSULTANTS Address 556 WASHINGTON AVE., NORTH HAVEN, CT 06473

Sq. Ft. N w Area: 1st Fl. N/A 2nd Fl. N/A 3rd Fl. N/A Total New Area N/A

Rooms N/A # Lavatories N/A # Bathrooms N/A # Garages N/A

Purpose of this permit: CONSTRUCTION OF A TELECOMMUNICATIONS FACILITY TO INCLUDE MONOPOLE TOWER, FENCED COMPOUND, ASSOCIATED UTILITIES, REMOVAL OF EXISTING TOWER, AND RELOCATION OF TOWN ANTENNAS.

City Water ☐ Well ☐ Septic System ☐ Sewer ☐

Ins. H.O. _____ S.P. _____ Cert. ✓ Area _____ Basem nt _____ Garage _____

Approved by JRL Date 11/14/01 Use Group V Construction Type 2C

Revised 9/01

I hereby agree to conform to all the requirements of the Laws of the State of Connecticut and the Ordinances of the Town of South Windsor and to notify the Building Inspector of any alteration in the plans or specifications of the Building for which this permit is asked, and agree that this building is to be located the proper distance from all street lines, side yard lines, and requir d distances from all other zones and is located in which this building and its use is allowed.

Signed _____

I hereby apply for a Certificate of Occupancy for the work described in this application for the permit.

Signed _____

DO NOT WRITE BELOW THIS LINE

INSPECTION COMMENTS

EXHIBIT 7

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z9Y45030320676416

Weight

1.00 LBS

Service

UPS Ground

Shipped / Billed On

08/17/2022

Delivered On

09/20/2022 9:18 A.M.

Delivered To

1540 SULLIVAN AVE
SOUTH WINDSOR, CT, 06074, US

Received By

THOMPSON

Left At

Inside Delivery

Reference Number(s)

CT1139-CSC_MAYOR

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 09/21/2022 1:47 P.M. EST

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z9Y45030320029026

Weight

1.00 LBS

Service

UPS Ground

Shipped / Billed On

08/17/2022

Delivered On

09/20/2022 9:18 A.M.

Delivered To

1540 SULLIVAN AVE
SOUTH WINDSOR, CT, 06074, US

Received By

THOMPSON

Left At

Inside Delivery

Reference Number(s)

CT1139-CSC_ZEO

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 09/21/2022 1:51 P.M. EST

Proof of Delivery

Dear Customer,

This notice serves as proof of delivery for the shipment listed below.

Tracking Number

1Z9Y45030311867272

Weight

1.00 LBS

Service

UPS Ground

Shipped / Billed On

08/17/2022

Delivered On

09/20/2022 9:18 A.M.

Delivered To

1540 SULLIVAN AVE
SOUTH WINDSOR, CT, 06074, US

Received By

THOMPSON

Left At

Inside Delivery

Reference Number(s)

CT1139-CSC_TOWN PLANNER

Thank you for giving us this opportunity to serve you. Details are only available for shipments delivered within the last 120 days. Please print for your records if you require this information after 120 days.

Sincerely,

UPS

Tracking results provided by UPS: 09/21/2022 1:50 P.M. EST

Service Alert due to Situation in Ukraine ...More

UPS CampusShip®

Shipping Tracking Business Solutions Support

Your shipment from

CENTERLINE SITE ACQUISITION

Estimated delivery

Tomorrow, September 22 between 11:30 A.M. - 3:30 P.M.

- Label Created
- On the Way
- Out for Delivery
- Delivery

Ship To

SBA PROPERTIES, LLC
SITE ADMINISTRATION
8051 CONGRESS AVENUE
BOCA RATON, FL 334871307 US

Get Updates > | Change My Delivery | View Details