

EM-VER-006-100107

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

ORIGINAL

January 7, 2010

Via Hand Delivery

S. Derek Phelps
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

RECEIVED
JAN - 7 2010

CONNECTICUT
SITING COUNCIL

Re: **Notice of Exempt Modification – Antenna Swap
644 Rimmon Hill Road, Beacon Falls, Connecticut**

Dear Mr. Phelps:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains wireless telecommunications antennas at the 148-foot level on the existing 173-foot tower at the above-referenced address. The tower is owned by American Tower Corporation. The Council approved Cellco’s shared use of the existing tower in 1996 in Docket No. 173. Cellco now intends to modify its installation by replacing six of its cellular antennas with six (6) model DB844H80-XY cellular antennas. Cellco also intends to install two (2) LNX-6514DS-T4M and one (1) model P65-16-XL-4 LTE (700 MHz) antennas for a total of fifteen (15) antennas, at the same 148-foot level on the tower. Attached behind Tab 1 are the specifications for the proposed replacement antennas.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Susan Ann Cable, First Selectwoman for the Town of Beacon Falls. A copy of this letter is also being sent to Wilbur and Joan Weed, the owners of the property on which the tower is located.

The planned modifications to the facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The proposed modifications will not result in any increase in the overall height of the existing tower. Cellco’s antennas will be located at the same 148-foot level on the existing 173-foot tower.



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S. Derek Phelps
January 7, 2010
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2. The proposed modifications will not involve any modifications to ground-mounted equipment and, therefore, will not require the extension of the site boundaries.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more.

4. The operation of the replacement antennas will not increase radio frequency (RF) power density levels at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. A cumulative power density table for Cellco's modified facility is included behind Tab 2.

Also attached is a Structural Analysis Report confirming that the tower and foundation can support Cellco's proposed antennas modification. (See Tab 3).

For the foregoing reasons, Cellco respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,



Kenneth C. Baldwin

Enclosures

Copy to:

Susan Ann Cable, Beacon Falls First Selectwoman
Wilbur and Joan Weed
Sandy M. Carter





DB844H80E-XY

12.7 dBd
Directional Log Periodic Antenna

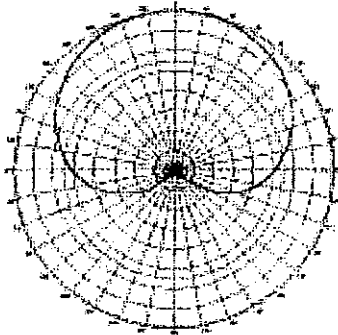
806-960 MHz

dB Director®

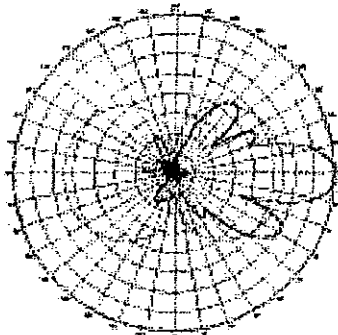
- 806-960 MHz
- 12.7 dBd (14.8 dBi) Gain
- Vertical Polarization
- 80° Azimuth BW
- 15° Elevation BW
- 7/16 DIN
- Cellular and ESMR

80°

Azimuth
(Horizontal)



Elevation
(Vertical)

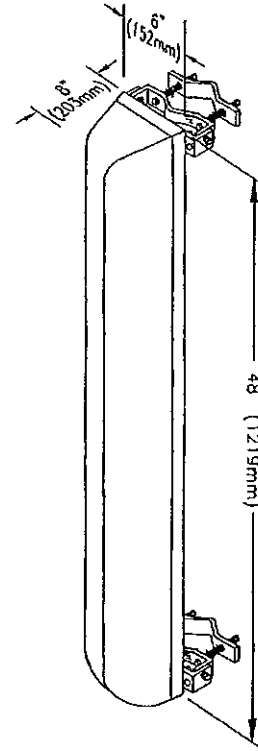


Electrical

VSWR: < 1.5:1
Front-to-Back Ratio: > 40 dB, typical
Max. Input Power: 500 Watts
Impedance: 50 Ohms
Lightning Protection: All metal parts are grounded.

Mounting Options

Standard: DB380 pipe mount kit (max. 3.5" OD), included.
Downtilt: DB5083 downtilt brackets, optional.



Mechanical

Weight: 10 lbs (4.5 kg)
Wind Area: 2 ft² (0.19 m²)
Wind Load: 80 lbf (356N) 35.9 kp (at 100 mph)
Max. Wind Speed: 125 mph (200 km/h)
Radiators: Brass
Back Panel: Pass. Aluminum
Radome: ABS
Mounting Hardware: Galvanized Steel
Color: Normal Gray

22 w mount brackets

Dimensions 48 x 6 x 8.5

8635 Stemmons Freeway • Dallas, Texas U.S.A. 75247-3701
Dallas/Ft. Worth Area Tel: 214.631.0310 • Fax: 214.631.4706
Toll Free Tel: 1.800.676.5342 • Fax: 1.800.229.4706
www.decibelproducts.com
dbtech@decibelproducts.com

099089-000 07/01-N



ISO9001 Compliant

Product Specifications



LNX-6514DS-T4M

DualPol® Antenna, 698–896 MHz, 65° horizontal beamwidth, fixed electrical tilt



- Broadband, providing future-ready single antenna for application in 700 MHz and existing 850 MHz cellular operation
- Air dielectric design provides superior PIM performance with repeatable antenna-to-antenna gain and pattern consistency
- Single piece radome provides long term mechanical stability
- Proven core design technology, with over 1,000,000 similar antennas deployed
- Exceptional USLS pattern shaping for optimizing coverage and interference mitigation for LTE applications
- Specifically designed to have physical dimensions similar to most existing cellular antennas

CHARACTERISTICS

General Specifications

Antenna Type	DualPol®
Brand	DualPol®
Operating Frequency Band	698 – 896 MHz

Electrical Specifications

Frequency Band, MHz	698–806	806–896
Beamwidth, Horizontal, degrees	66	64
Gain, dBd	13.8	14.5
Gain, dBi	15.9	16.6
Beamwidth, Vertical, degrees	12.0	11.0
Beam Tilt, degrees	4	4
Upper Sidelobe Suppression (USLS), typical, dB	18	18
Front-to-Back Ratio at 180°, dB	33	33
Isolation, dB	30	30
VSWR Return Loss, db	1.35:1 16.5	1.35:1 16.5
Intermodulation Products, 3rd Order, 2 x 20 W, dBc	-150	-150
Input Power, maximum, watts	500	500
Polarization	±45°	±45°
Impedance, ohms	50	50
Lightning Protection	dc Ground	dc Ground

Product Specifications

INX-6514DST4M



Mechanical Specifications

Color	Light gray
Connector Interface	7-16 DIN Female
Connector Location	Bottom
Connector Quantity	2
Wind Loading, maximum	617.7 N @ 150 km/h 138.9 lbf @ 150 km/h
Wind Speed, maximum	241.4 km/h 150.0 mph

Dimensions

Depth	181.0 mm 7.1 in
Length	1847.0 mm 72.7 in
Width	301.0 mm 11.9 in
Net Weight	17.0 kg 37.5 lb

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
China RoHS SJ/T 11364-2006

Classification

Compliant by Exemption
Above Maximum Concentration Value (MCV)



INCLUDED PRODUCTS



MTG-L-STD

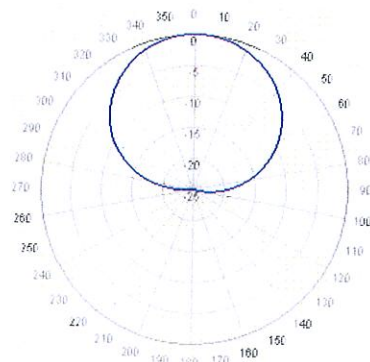
Downtilt Mounting Kit for panel Antennas

Product Specifications

INX6514DS-T4M

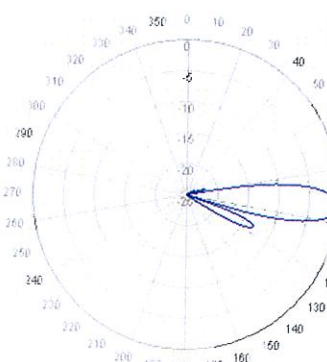


Horizontal Pattern

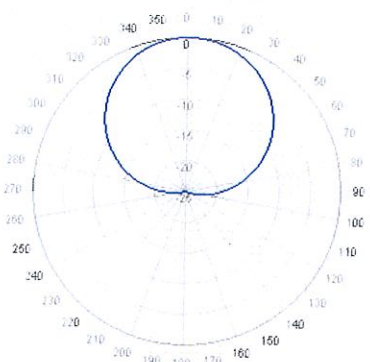


Freq: 750, Tilt 0

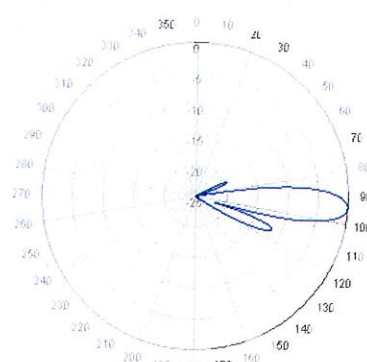
Vertical Pattern



Freq: 750, Tilt 0



Freq: 850, Tilt 0



Freq: 850, Tilt 0

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P65-16-XL
-4**Very Low Broadband Antennas**

POLARIZATION: Dual linear $\pm 45^\circ$
 FREQUENCY (MHz): 698-894
 HORIZONTAL BEAM WIDTH (*): 65
 GAIN (dBi/dBd): 16.0/13.9
 TILT: 4
 LENGTH: 72"

ELECTRICAL SPECIFICATIONS*

Frequency range (MHz)	698-894		
Frequency band (MHz)	698-806		806-894
Gain (dBi/dBd)	15.5/13.4		16.0/13.9
Polarization			
Nominal Impedance (Ω)			
VSWR			
Horizontal beam width, -3 dB (°)	68		65
Vertical beam width, -3 dB (°)	10.5		9.5
Electrical down tilt (°)			
Side lobe suppression, vertical 1st upper (dB)	> 15		> 15
Isolation between inputs (dB)	> 30		> 30
Tracking, horizontal plane $\pm 60^\circ$ (dB)	< 2		< 2
First null fill (dB)	-		-
Vertical beam squint (°)	< 0.5		< 0.5
Front to back ratio (dB)	> 30		> 30
Front to back ratio, total power (dB)	> 25		> 25
Cross polar discrimination (XPD) 0° (dB)	> 15	> 15	
Cross polar discrimination (XPD) $\pm 60^\circ$ (dB)	> 10		> 10
Far field coupling			
IM3, 2xTx@43dBm (dBc)	-153		
IM7, 2xTx@43dBm (dBc)			
Power handling, average per input (W)			
Power handling, average total (W)			

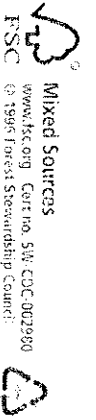
MECHANICAL SPECIFICATIONS*

Connector	2 X 7/16 DIN Female
Connector position	Bottom
Dimensions, HxWxD, mm (ft)	72" x 12" x 5" (1829 x 305 x 125)
Mounting	Pre-mounted Tilt Brackets
Weight, with brackets, kg (lbs)	44 (20)
Weight, without brackets, kg (lbs)	33 (15)
Wind load, frontal/lateral/rear side 42 m/s Cd=1.6 (N)	1380
Maximum operational wind speed, m/s (mph)	100 (45)
Survival wind speed, m/s (mph)	125 (55)
Lightning protection	DC Ground
Radome material	PVC
Radome colour	Light Grey
Package size, HxWxD, mm (ft)	82" x 16" x 10" (2082 x 400 x 255)
Shipping weight, kg (lbs)	55 (25)
RET	N/A
Brackets	7256.00, 7454.00, 2210.00

*All specifications subject to change without notice. Please contact your Powerwave representative for complete performance data.

ANTENNA PATTERNS*

For detailed patterns visit <http://www.powerwave.com/rpa/>.



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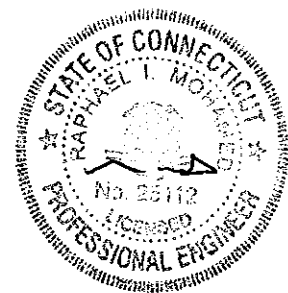
AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 173 ft Valmont Monopole
ATC Site Name : Beacon Falls, CT
ATC Site Number : 302524
Proposed Carrier : Verizon
Carrier Site Name : Beacon Falls CT
Carrier Site Number : N/A
County : New Haven
Eng. Number : 44271221
Date : December 3, 2009
Usage : 100%
Portholes Required : No

Submitted by:
Joseph R. Johnston, E.I.
Design Engineer

American Tower Engineering Services
400 Regency Forest Drive
Cary, NC 27518
Phone: 919-468-0112



12/7/09

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 173 ft Valmont Monopole located at 664 Rimmon Hill Road, Seymour, CT 06483, New Haven County (ATC site #B02524). The tower was originally designed and manufactured by Valmont (Drawing #DC3268Z, dated May 28, 1996). The tower has been extended per design by SpectraSite (Drawing #CT-0060-M1 Rev. 5, dated June 10, 2002).

Analysis

The tower was analyzed using Semaan Engineering Solutions, Inc., Software. The analysis assumes that the tower is in good, undamaged, and non-corroded condition.

Basic Wind Speed: 105 mph (3-Second Gust)
Radial Ice: 45 mph (3-Second Gust) w/ 1" ice
Code: ANSI/TIA-222-G / 2003 IBC with 2005 Connecticut Supplements
and 2008 Connecticut Amendments

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
170.0	3	Allgon 7250.02	Flush	(6) 1 5/8	AT&T Mobility
162.0	6	CSS DUO4-8670	Flat Platform with Handrails	(6) 1 1/4	
	6	ADC DD800			
148.0	6	Decibel 948F85T2E-M	Flat Platform with Handrails	(6) 1 5/8	Verizon
137.5	9	48" x 12" Panels	Flat Low Profile Platform	(12) 1 5/8	Sprint Nextel
	3	72" x 12" Panels			

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
148.0	6	Decibel DB844H80E-XY	Flat Platform with Handrails	(9) 1 5/8	Verizon
	2	Andrew LNX-6514DS-VTM			
	1	Powerwave P65-16-XL			

Install proposed coax inside monopole.

Results

The maximum structure usage is: 100%

Additional exit and/or entry ports may be required to accommodate the running of the proposed lines to the proposed antennas. These additional ports **may not** be installed without installation drawings providing the location, size and welding requirements of each port.

To ensure compliance with all conditions of this structural analysis, port installation drawings shall be provided by American Tower's Engineering Department under a subsequent project.

Pole Reactions	Original Design Reactions	Original Design Reactions x 1.35*	Current Analysis Reactions	% Of Design
Moment (ft-kips)	3,020.9	4,078.2	3,342.6	82
Shear (kips)	28.0	37.8	30.3	80

(*) The design reactions are factored by 1.35 per ANSI/TIA-222-G, Section 15.5.1

The structure base reactions resulting from this analysis are acceptable when compared to the reactions shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Conclusion

Based on the analysis results, the structure meets the requirements per ANSI/TIA-222-G and 2003 IBC w/ 2005 CT supplements and 2008 CT amendments standards. The tower and foundation can support the existing and proposed antennas with the TX line distribution as described in this report.

If you have any questions or require additional information, please call 919-466-5696.

Standard Conditions

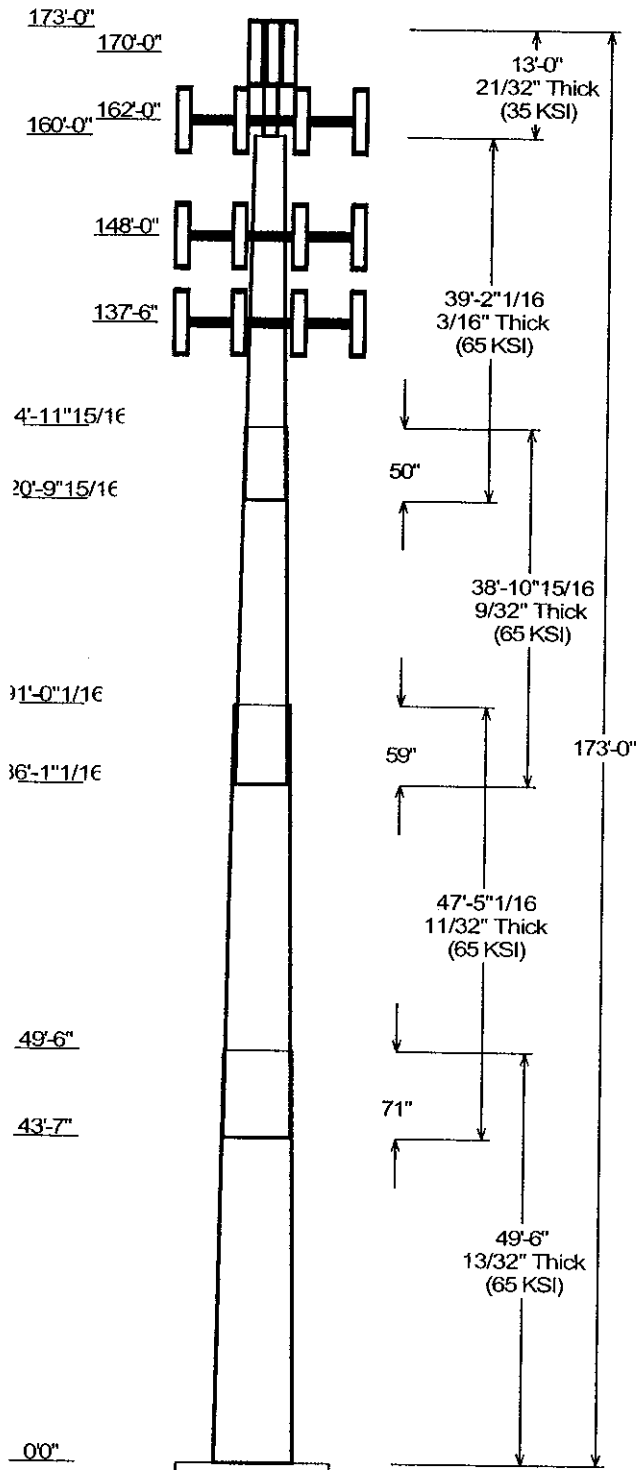
All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

- Information supplied by the client regarding the structure itself, the antenna and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

It is the responsibility of the client to ensure that the information provided to ATC Engineering Services and used in the performance of our engineering services is correct and complete. In the absence of information to the contrary, we assume that all structures were constructed in accordance with the drawings and specifications and are in an un-corroded condition and have not deteriorated; and we, therefore, assume that their capacity has not significantly changed from the "as new" condition.

All services will be performed to the codes specified by the client, and we do not imply to meet any other codes or requirements unless explicitly agreed in writing. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/EIA-222.

All services are performed, results obtained, and recommendations made in accordance with generally accepted engineering principles and practices. ATC Engineering Services is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.



Job Information

Pole : 302524	Code: ANSI/TIA-222 Rev G
Description : 173' Valmont Monopole	Struct Class : II
Client : Verizon	Exposure : B
Location : Beacon Falls, CT	Topo : 1
Shape : 12 Sides	Base Elev (ft): 0.00
Height : 173.00 (ft)	Taper: 0.20300(in/ft)

Sections Properties

Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in)	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
		Top	Bottom	Type			
1	49.500	38.45	48.50	0.406	0.000	0.203000	65
2	47.420	30.71	40.34	0.344 Slip Joint	71.000	0.203000	65
3	38.910	24.37	32.27	0.281 Slip Joint	59.000	0.203000	65
4	39.170	17.64	25.59	0.188 Slip Joint	50.000	0.203000	65
5	13.000	8.400	8.400	0.644 Butt Joint	0.000	0.000000	35

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
170.000	170.000	3	Allgon 7250.02
162.000	162.000	6	CSS DUO4-8670
162.000	162.000	6	ADC DD800
162.000	162.000	1	Flat Platform with Handrails
148.000	148.000	2	Andrew LNX-6514DS-VTM
148.000	148.000	1	Powerwave P65-16-XL
148.000	148.000	1	Flat Platform with Handrails
148.000	148.000	6	Decibel DB844H80E-JY
148.000	148.000	6	Decibel 948F85T2E-M
137.500	137.500	1	Flat Low Profile Platform
137.500	137.500	9	48" x 12" Panels
137.500	137.500	3	72" x 12" Panels

Linear Appurtenance

Elev (ft)	From	To	Description	Exposed To Wind
8.000	137.5	158"	Coax	No
8.000	148.0	158"	Coax	No
2.500	162.0	1 1/4"	Coax	No
2.500	170.0	1 5/8"	Coax	No

Load Cases

1.2D + 1.6W	105.00 mph with No Ice
0.9D + 1.6W	105.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

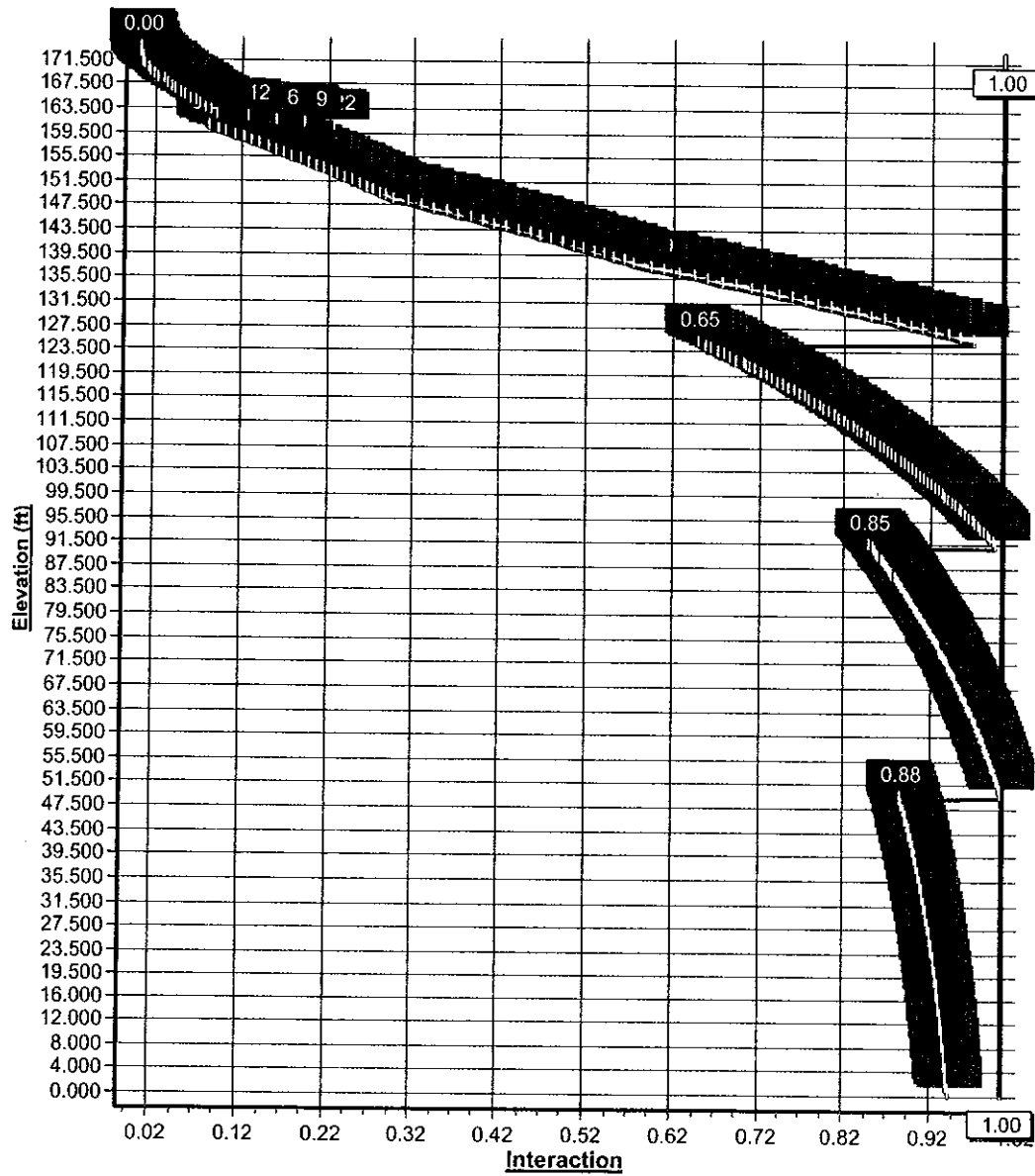
Reactions

Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W	3342.64	30.34	39.00
0.9D + 1.6W	3289.91	30.34	29.25
1.2D + 1.0Di + 1.0Wi	618.01	5.01	65.23
1.0D + 1.0W	678.88	6.20	32.50

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	0.00	0.000	0.000

Load Case : 1.2D + 1.6W
Max Ratio 99.87% at 49.5ft



Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

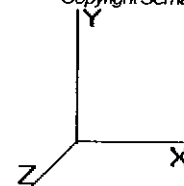
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Shaft Section Properties

Sect Num	Length (ft)	Thick (in)	Fv (ksi)	Joint Type	Slip	Weight (lb)	Bottom						Top						Taper (in/ft)	
					Joint Len (in)		Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio		
1	49.500	0.4060	65		0.00	9,484	48.50	0.000	62.87	18562.7	29.87	119.4	38.45	49.50	49.74	9189.2	23.23	94.71	0.20300	
2	47.420	0.3440	65	Slip Joint	71.00	6,289	40.34	43.58	44.30	9046.3	29.28	117.2	30.71	91.00	33.64	3960.5	21.78	89.29	0.20300	
3	38.910	0.2810	65	Slip Joint	59.00	3,360	32.27	86.08	28.95	3782.1	28.63	114.8	24.37	124.9	21.80	1615.5	21.10	86.75	0.20300	
4	39.170	0.1880	65	Slip Joint	50.00	1,729	25.59	120.8	15.38	1267.6	34.34	136.1	17.64	160.0	10.57	411.1	23.01	93.86	0.20300	
5	13.000	0.6440	35	Butt Joint	0.00	711	8.400	160.0	16.08	123.5	1.35	13.04	8.400	173.0	16.08	123.5	1.35	13.04	0.00000	
Shaft Weight						21,573														

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Weight (lb)	No Ice CaAa (sf)	CaAa Factor	Weight (lb)	Ice CaAa (sf)	CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
170.0	Allcon 7250.02	3	15.00	3.830	0.64	150.36	5.477	0.77	0.000	0.000
162.0	CSS DUO4-8670	6	28.00	6.590	0.62	270.41	7.258	0.74	0.000	0.000
162.0	ADC DD800	6	28.70	1.120	0.50	55.62	2.171	0.50	0.000	0.000
162.0	Flat Platform with Handrails	1	2000.00	42.400	1.00	3913.45	70.636	1.00	0.000	0.000
148.0	Andrew LNX-6514DS-VTM	2	33.10	8.330	0.67	318.83	9.840	0.82	0.000	0.000
148.0	Powerwave P65-16-XL	1	33.00	8.400	0.63	291.95	9.898	0.76	0.000	0.000
148.0	Flat Platform with Handrails	1	2000.00	42.400	1.00	3896.21	70.382	1.00	0.000	0.000
148.0	Decibel DB844H80E-XY	6	14.00	3.730	0.71	173.67	4.840	0.89	0.000	0.000
148.0	Decibel 948F85T2E-M	6	8.50	3.267	0.67	132.31	4.444	0.81	0.000	0.000
137.5	Flat Low Profile Platform	1	1500.00	26.100	0.90	2358.13	51.387	0.90	0.000	0.000
137.5	48" x 12" Panels	9	30.00	5.600	0.67	218.65	6.398	0.67	0.000	0.000
137.5	72" x 12" Panels	3	40.00	8.400	0.67	309.80	9.884	0.67	0.000	0.000
Totals		45	6509.40			8801.40			Number of Loadings : 12	

Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
2.50	170.00	(6) 1 5/8" Coax	0.00	N
2.50	162.00	(6) 1 1/4" Coax	0.00	N
8.00	148.00	(15) 1 5/8" Coax	0.00	N
8.00	137.50	(12) 1 5/8" Coax	0.00	N

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Segment Properties (Max Len : 0. ft)

Seq Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)
0.00		0.4060	48.500	62.874	18,562.7	29.87	119.46	64.9	739.4	0.0
0.50		0.4060	48.398	62.742	18,445.4	29.80	119.21	65.0	736.3	106.9
1.00		0.4060	48.297	62.609	18,328.6	29.73	118.96	65.0	733.1	106.6
1.50		0.4060	48.195	62.476	18,212.3	29.66	118.71	65.0	730.0	106.4
2.00		0.4060	48.094	62.343	18,096.5	29.60	118.46	65.0	726.9	106.2
2.50		0.4060	47.993	62.211	17,981.2	29.53	118.21	65.0	723.8	106.0
3.00		0.4060	47.891	62.078	17,866.4	29.46	117.96	65.0	720.7	105.7
3.50		0.4060	47.790	61.945	17,752.1	29.40	117.71	65.0	717.6	105.5
4.00		0.4060	47.688	61.813	17,638.2	29.33	117.46	65.0	714.5	105.3
4.50		0.4060	47.586	61.680	17,524.9	29.26	117.21	65.0	711.5	105.1
5.00		0.4060	47.485	61.547	17,412.0	29.20	116.96	65.0	708.4	104.8
5.50		0.4060	47.383	61.415	17,299.7	29.13	116.71	65.0	705.3	104.6
6.00		0.4060	47.282	61.282	17,187.8	29.06	116.46	65.0	702.3	104.4
6.50		0.4060	47.181	61.149	17,076.4	28.99	116.21	65.0	699.2	104.2
7.00		0.4060	47.079	61.017	16,965.4	28.93	115.96	65.0	696.2	103.9
7.50		0.4060	46.978	60.884	16,855.0	28.86	115.71	65.0	693.1	103.7
8.00		0.4060	46.876	60.751	16,745.0	28.79	115.46	65.0	690.1	103.5
8.50		0.4060	46.775	60.618	16,635.5	28.73	115.21	65.0	687.1	103.2
9.00		0.4060	46.673	60.486	16,526.5	28.66	114.96	65.0	684.1	103.0
9.50		0.4060	46.571	60.353	16,418.0	28.59	114.71	65.0	681.0	102.8
10.00		0.4060	46.470	60.220	16,310.0	28.53	114.46	65.0	678.0	102.6
10.50		0.4060	46.368	60.088	16,202.4	28.46	114.21	65.0	675.0	102.3
11.00		0.4060	46.267	59.955	16,095.3	28.39	113.96	65.0	672.0	102.1
11.50		0.4060	46.166	59.822	15,988.6	28.32	113.71	65.0	669.1	101.9
12.00		0.4060	46.064	59.690	15,882.5	28.26	113.46	65.0	666.1	101.7
12.50		0.4060	45.963	59.557	15,776.8	28.19	113.21	65.0	663.1	101.4
13.00		0.4060	45.861	59.424	15,671.6	28.12	112.96	65.0	660.2	101.2
13.50		0.4060	45.759	59.292	15,566.8	28.06	112.71	65.0	657.2	101.0
14.00		0.4060	45.658	59.159	15,462.6	27.99	112.46	65.0	654.2	100.8
14.50		0.4060	45.556	59.026	15,358.7	27.92	112.21	65.0	651.3	100.5
15.00		0.4060	45.455	58.893	15,255.4	27.86	111.96	65.0	648.4	100.3
15.50		0.4060	45.354	58.761	15,152.5	27.79	111.71	65.0	645.4	100.1
16.00		0.4060	45.252	58.628	15,050.1	27.72	111.46	65.0	642.5	99.9
16.50		0.4060	45.151	58.495	14,948.1	27.65	111.21	65.0	639.6	99.6
17.00		0.4060	45.049	58.363	14,846.6	27.59	110.96	65.0	636.7	99.4
17.50		0.4060	44.947	58.230	14,745.6	27.52	110.71	65.0	633.8	99.2
18.00		0.4060	44.846	58.097	14,645.0	27.45	110.46	65.0	630.9	99.0
18.50		0.4060	44.744	57.965	14,544.9	27.39	110.21	65.0	628.0	98.7
19.00		0.4060	44.643	57.832	14,445.2	27.32	109.96	65.0	625.1	98.5
19.50		0.4060	44.542	57.699	14,346.0	27.25	109.71	65.0	622.2	98.3
20.00		0.4060	44.440	57.567	14,247.3	27.19	109.46	65.0	619.3	98.1
20.50		0.4060	44.339	57.434	14,149.0	27.12	109.21	65.0	616.5	97.8
21.00		0.4060	44.237	57.301	14,051.2	27.05	108.96	65.0	613.6	97.6
21.50		0.4060	44.136	57.168	13,953.8	26.98	108.71	65.0	610.8	97.4
22.00		0.4060	44.034	57.036	13,856.8	26.92	108.46	65.0	607.9	97.2
22.50		0.4060	43.932	56.903	13,760.3	26.85	108.21	65.0	605.1	96.9
23.00		0.4060	43.831	56.770	13,664.3	26.78	107.96	65.0	602.3	96.7
23.50		0.4060	43.729	56.638	13,568.7	26.72	107.71	65.0	599.4	96.5
24.00		0.4060	43.628	56.505	13,473.6	26.65	107.46	65.0	596.6	96.2
24.50		0.4060	43.527	56.372	13,378.9	26.58	107.21	65.0	593.8	96.0
25.00		0.4060	43.425	56.240	13,284.6	26.52	106.96	65.0	591.0	95.8
25.50		0.4060	43.324	56.107	13,190.8	26.45	106.71	65.0	588.2	95.6
26.00		0.4060	43.222	55.974	13,097.4	26.38	106.46	65.0	585.4	95.3
26.50		0.4060	43.120	55.842	13,004.5	26.31	106.21	65.0	582.6	95.1
27.00		0.4060	43.019	55.709	12,912.0	26.25	105.96	65.0	579.8	94.9
27.50		0.4060	42.917	55.576	12,820.0	26.18	105.71	65.0	577.1	94.7
28.00		0.4060	42.816	55.443	12,728.4	26.11	105.46	65.0	574.3	94.4
28.50		0.4060	42.715	55.311	12,637.2	26.05	105.21	65.0	571.5	94.2

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

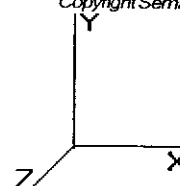
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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Base Elev : 0.000 (ft)



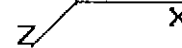
29.00		0.4060	42.613	55.178	12,546.5	25.98	104.96	65.0	568.8	94.0
29.50		0.4060	42.512	55.045	12,456.2	25.91	104.71	65.0	566.0	93.8
30.00		0.4060	42.410	54.913	12,366.3	25.85	104.46	65.0	563.3	93.5
30.50		0.4060	42.308	54.780	12,276.9	25.78	104.21	65.0	560.6	93.3
31.00		0.4060	42.207	54.647	12,187.9	25.71	103.96	65.0	557.8	93.1
31.50		0.4060	42.105	54.515	12,099.3	25.64	103.71	65.0	555.1	92.9
32.00		0.4060	42.004	54.382	12,011.2	25.58	103.46	65.0	552.4	92.6
32.50		0.4060	41.903	54.249	11,923.5	25.51	103.21	65.0	549.7	92.4
33.00		0.4060	41.801	54.117	11,836.2	25.44	102.96	65.0	547.0	92.2
33.50		0.4060	41.700	53.984	11,749.3	25.38	102.71	65.0	544.3	92.0
34.00		0.4060	41.598	53.851	11,662.9	25.31	102.46	65.0	541.6	91.7
34.50		0.4060	41.497	53.718	11,576.9	25.24	102.21	65.0	539.0	91.5
35.00		0.4060	41.395	53.586	11,491.3	25.18	101.96	65.0	536.3	91.3
35.50		0.4060	41.293	53.453	11,406.2	25.11	101.71	65.0	533.6	91.1
36.00		0.4060	41.192	53.320	11,321.4	25.04	101.46	65.0	531.0	90.8
36.50		0.4060	41.090	53.188	11,237.1	24.98	101.21	65.0	528.3	90.6
37.00		0.4060	40.989	53.055	11,153.2	24.91	100.96	65.0	525.7	90.4
37.50		0.4060	40.888	52.922	11,069.7	24.84	100.71	65.0	523.0	90.2
38.00		0.4060	40.786	52.790	10,986.7	24.77	100.46	65.0	520.4	89.9
38.50		0.4060	40.685	52.657	10,904.0	24.71	100.21	65.0	517.8	89.7
39.00		0.4060	40.583	52.524	10,821.8	24.64	99.96	65.0	515.1	89.5
39.50		0.4060	40.481	52.391	10,740.0	24.57	99.71	65.0	512.5	89.3
40.00		0.4060	40.380	52.259	10,658.6	24.51	99.46	65.0	509.9	89.0
40.50		0.4060	40.278	52.126	10,577.6	24.44	99.21	65.0	507.3	88.8
41.00		0.4060	40.177	51.993	10,497.1	24.37	98.96	65.0	504.7	88.6
41.50		0.4060	40.076	51.861	10,416.9	24.31	98.71	65.0	502.1	88.3
42.00		0.4060	39.974	51.728	10,337.1	24.24	98.46	65.0	499.6	88.1
42.50		0.4060	39.873	51.595	10,257.8	24.17	98.21	65.0	497.0	87.9
43.00		0.4060	39.771	51.463	10,178.8	24.10	97.96	65.0	494.4	87.7
43.50		0.4060	39.669	51.330	10,100.3	24.04	97.71	65.0	491.9	87.4
43.58	Bot - Section 2	0.4060	39.653	51.308	10,087.3	24.03	97.67	65.0	491.4	14.6
44.00		0.4060	39.568	51.197	10,022.2	23.97	97.46	65.0	489.3	135.4
44.50		0.4060	39.466	51.065	9,944.5	23.90	97.21	65.0	486.8	162.1
45.00		0.4060	39.365	50.932	9,867.1	23.84	96.96	65.0	484.2	161.7
45.50		0.4060	39.264	50.799	9,790.2	23.77	96.71	65.0	481.7	161.3
46.00		0.4060	39.162	50.666	9,713.7	23.70	96.46	65.0	479.2	160.9
46.50		0.4060	39.061	50.534	9,637.6	23.64	96.21	65.0	476.7	160.4
47.00		0.4060	38.959	50.401	9,561.9	23.57	95.96	65.0	474.1	160.0
47.50		0.4060	38.858	50.268	9,486.5	23.50	95.71	65.0	471.6	159.6
48.00		0.4060	38.756	50.136	9,411.6	23.43	95.46	65.0	469.1	159.2
48.50		0.4060	38.654	50.003	9,337.1	23.37	95.21	65.0	466.6	158.8
49.00		0.4060	38.553	49.870	9,262.9	23.30	94.96	65.0	464.2	158.4
49.50	Top - Section 1	0.3440	39.139	42.973	8,255.5	28.34	113.78	65.0	407.5	157.9
50.00		0.3440	39.038	42.861	8,190.9	28.26	113.48	65.0	405.3	73.0
50.50		0.3440	38.937	42.748	8,126.6	28.18	113.19	65.0	403.2	72.8
51.00		0.3440	38.835	42.636	8,062.7	28.11	112.89	65.0	401.1	72.6
51.50		0.3440	38.734	42.523	7,999.0	28.03	112.60	65.0	399.0	72.4
52.00		0.3440	38.632	42.411	7,935.8	27.95	112.30	65.0	396.8	72.3
52.50		0.3440	38.531	42.298	7,872.8	27.87	112.01	65.0	394.7	72.1
53.00		0.3440	38.429	42.186	7,810.2	27.79	111.71	65.0	392.6	71.9
53.50		0.3440	38.327	42.074	7,747.9	27.71	111.42	65.0	390.5	71.7
54.00		0.3440	38.226	41.961	7,686.0	27.63	111.12	65.0	388.4	71.5
54.50		0.3440	38.125	41.849	7,624.4	27.55	110.83	65.0	386.3	71.3
55.00		0.3440	38.023	41.736	7,563.1	27.47	110.53	65.0	384.3	71.1
55.50		0.3440	37.922	41.624	7,502.1	27.39	110.24	65.0	382.2	70.9
56.00		0.3440	37.820	41.511	7,441.5	27.32	109.94	65.0	380.1	70.7
56.50		0.3440	37.719	41.399	7,381.2	27.24	109.65	65.0	378.0	70.5
57.00		0.3440	37.617	41.287	7,321.2	27.16	109.35	65.0	376.0	70.3
57.50		0.3440	37.516	41.174	7,261.6	27.08	109.06	65.0	373.9	70.1
58.00		0.3440	37.414	41.062	7,202.2	27.00	108.76	65.0	371.9	70.0
58.50		0.3440	37.313	40.949	7,143.2	26.92	108.47	65.0	369.8	69.8
59.00		0.3440	37.211	40.837	7,084.6	26.84	108.17	65.0	367.8	69.6
59.50		0.3440	37.110	40.724	7,026.2	26.76	107.88	65.0	365.8	69.4
60.00		0.3440	37.008	40.612	6,968.2	26.68	107.58	65.0	363.7	69.2

Pole: 302524
 Location: Beacon Falls, CT
 Height: 173.0 (ft)
 Shape: 12 Sides
 Base Dia: 48.50 (in)
 Top Dia: 8.400 (in)
 Taper: 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class: II
 Exposure Category: B
 Topographic Category: 1

Base Elev: 0.000 (ft)

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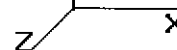


60.50	0.3440	36.907	40.500	6,910.5	26.60	107.29	65.0	361.7	69.0
61.00	0.3440	36.805	40.387	6,853.1	26.52	106.99	65.0	359.7	68.8
61.50	0.3440	36.704	40.275	6,796.0	26.45	106.70	65.0	357.7	68.6
62.00	0.3440	36.602	40.162	6,739.3	26.37	106.40	65.0	355.7	68.4
62.50	0.3440	36.500	40.050	6,682.8	26.29	106.11	65.0	353.7	68.2
63.00	0.3440	36.399	39.937	6,626.7	26.21	105.81	65.0	351.7	68.0
63.50	0.3440	36.298	39.825	6,570.9	26.13	105.52	65.0	349.7	67.9
64.00	0.3440	36.196	39.713	6,515.4	26.05	105.22	65.0	347.7	67.7
64.50	0.3440	36.095	39.600	6,460.2	25.97	104.93	65.0	345.8	67.5
65.00	0.3440	35.993	39.488	6,405.3	25.89	104.63	65.0	343.8	67.3
65.50	0.3440	35.892	39.375	6,350.8	25.81	104.34	65.0	341.8	67.1
66.00	0.3440	35.790	39.263	6,296.5	25.73	104.04	65.0	339.9	66.9
66.50	0.3440	35.688	39.150	6,242.6	25.65	103.75	65.0	337.9	66.7
67.00	0.3440	35.587	39.038	6,189.0	25.58	103.45	65.0	336.0	66.5
67.50	0.3440	35.486	38.926	6,135.7	25.50	103.16	65.0	334.0	66.3
68.00	0.3440	35.384	38.813	6,082.6	25.42	102.86	65.0	332.1	66.1
68.50	0.3440	35.283	38.701	6,029.9	25.34	102.57	65.0	330.2	65.9
69.00	0.3440	35.181	38.588	5,977.5	25.26	102.27	65.0	328.2	65.7
69.50	0.3440	35.080	38.476	5,925.4	25.18	101.98	65.0	326.3	65.6
70.00	0.3440	34.978	38.363	5,873.7	25.10	101.68	65.0	324.4	65.4
70.50	0.3440	34.877	38.251	5,822.2	25.02	101.39	65.0	322.5	65.2
71.00	0.3440	34.775	38.139	5,771.0	24.94	101.09	65.0	320.6	65.0
71.50	0.3440	34.674	38.026	5,720.1	24.86	100.80	65.0	318.7	64.8
72.00	0.3440	34.572	37.914	5,669.5	24.79	100.50	65.0	316.8	64.6
72.50	0.3440	34.471	37.801	5,619.2	24.71	100.20	65.0	314.9	64.4
73.00	0.3440	34.369	37.689	5,569.2	24.63	99.91	65.0	313.0	64.2
73.50	0.3440	34.268	37.576	5,519.5	24.55	99.61	65.0	311.2	64.0
74.00	0.3440	34.166	37.464	5,470.1	24.47	99.32	65.0	309.3	63.8
74.50	0.3440	34.065	37.352	5,421.0	24.39	99.02	65.0	307.4	63.6
75.00	0.3440	33.963	37.239	5,372.2	24.31	98.73	65.0	305.6	63.5
75.50	0.3440	33.861	37.127	5,323.7	24.23	98.43	65.0	303.7	63.3
76.00	0.3440	33.760	37.014	5,275.5	24.15	98.14	65.0	301.9	63.1
76.50	0.3440	33.659	36.902	5,227.6	24.07	97.84	65.0	300.0	62.9
77.00	0.3440	33.557	36.789	5,179.9	23.99	97.55	65.0	298.2	62.7
77.50	0.3440	33.456	36.677	5,132.6	23.92	97.25	65.0	296.4	62.5
78.00	0.3440	33.354	36.565	5,085.5	23.84	96.96	65.0	294.6	62.3
78.50	0.3440	33.253	36.452	5,038.8	23.76	96.66	65.0	292.7	62.1
79.00	0.3440	33.151	36.340	4,992.3	23.68	96.37	65.0	290.9	61.9
79.50	0.3440	33.049	36.227	4,946.1	23.60	96.07	65.0	289.1	61.7
80.00	0.3440	32.948	36.115	4,900.2	23.52	95.78	65.0	287.3	61.5
80.50	0.3440	32.847	36.002	4,854.6	23.44	95.48	65.0	285.5	61.3
81.00	0.3440	32.745	35.890	4,809.2	23.36	95.19	65.0	283.7	61.2
81.50	0.3440	32.644	35.778	4,764.2	23.28	94.89	65.0	281.9	61.0
82.00	0.3440	32.542	35.665	4,719.4	23.20	94.60	65.0	280.2	60.8
82.50	0.3440	32.441	35.553	4,674.9	23.13	94.30	65.0	278.4	60.6
83.00	0.3440	32.339	35.440	4,630.7	23.05	94.01	65.0	276.6	60.4
83.50	0.3440	32.238	35.328	4,586.8	22.97	93.71	65.0	274.9	60.2
84.00	0.3440	32.136	35.215	4,543.1	22.89	93.42	65.0	273.1	60.0
84.50	0.3440	32.035	35.103	4,499.7	22.81	93.12	65.0	271.4	59.8
85.00	0.3440	31.933	34.991	4,456.6	22.73	92.83	65.0	269.6	59.6
85.50	0.3440	31.832	34.878	4,413.8	22.65	92.53	65.0	267.9	59.4
86.00	0.3440	31.730	34.766	4,371.3	22.57	92.24	65.0	266.1	59.2
86.09 Bot - Section 3	0.3440	31.712	34.746	4,363.9	22.56	92.19	65.0	265.8	10.3
86.50	0.3440	31.629	34.653	4,329.0	22.49	91.94	65.0	264.4	89.5
87.00	0.3440	31.527	34.541	4,287.0	22.41	91.65	65.0	262.7	107.9
87.50	0.3440	31.426	34.428	4,245.3	22.33	91.35	65.0	261.0	107.6
88.00	0.3440	31.324	34.316	4,203.8	22.26	91.06	65.0	259.3	107.2
88.50	0.3440	31.223	34.203	4,162.6	22.18	90.76	65.0	257.6	106.9
89.00	0.3440	31.121	34.091	4,121.7	22.10	90.47	65.0	255.9	106.5
89.50	0.3440	31.020	33.979	4,081.1	22.02	90.17	65.0	254.2	106.2
90.00	0.3440	30.918	33.866	4,040.7	21.94	89.88	65.0	252.5	105.8
90.50	0.3440	30.817	33.754	4,000.6	21.86	89.58	65.0	250.8	105.5
91.00	0.3440	30.715	33.641	3,960.8	21.78	89.29	65.0	249.1	105.1
91.00 Top - Section 2	0.2810	31.276	28.045	3,439.0	27.68	111.30	65.0	212.4	0.7

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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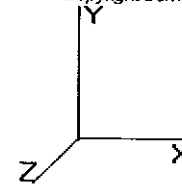
Base Elev : 0.000 (ft)

91.50	0.2810	31.176	27.954	3,405.6	27.58	110.94	65.0	211.0	47.3
92.00	0.2810	31.074	27.862	3,372.1	27.49	110.58	65.0	209.6	47.5
92.50	0.2810	30.972	27.770	3,338.9	27.39	110.22	65.0	208.3	47.3
93.00	0.2810	30.871	27.678	3,305.9	27.29	109.86	65.0	206.9	47.2
93.50	0.2810	30.770	27.587	3,273.1	27.20	109.50	65.0	205.5	47.0
94.00	0.2810	30.668	27.495	3,240.5	27.10	109.14	65.0	204.1	46.9
94.50	0.2810	30.566	27.403	3,208.1	27.00	108.78	65.0	202.8	46.7
95.00	0.2810	30.465	27.311	3,176.0	26.91	108.42	65.0	201.4	46.5
95.50	0.2810	30.364	27.219	3,144.1	26.81	108.06	65.0	200.0	46.4
96.00	0.2810	30.262	27.127	3,112.3	26.71	107.69	65.0	198.7	46.2
96.50	0.2810	30.160	27.036	3,080.8	26.62	107.33	65.0	197.3	46.1
97.00	0.2810	30.059	26.944	3,049.5	26.52	106.97	65.0	196.0	45.9
97.50	0.2810	29.958	26.852	3,018.5	26.42	106.61	65.0	194.6	45.8
98.00	0.2810	29.856	26.760	2,987.6	26.33	106.25	65.0	193.3	45.6
98.50	0.2810	29.755	26.668	2,956.9	26.23	105.89	65.0	192.0	45.5
99.00	0.2810	29.653	26.576	2,926.5	26.13	105.53	65.0	190.7	45.3
99.50	0.2810	29.552	26.485	2,896.3	26.04	105.17	65.0	189.3	45.1
100.0	0.2810	29.450	26.393	2,866.2	25.94	104.80	65.0	188.0	45.0
100.5	0.2810	29.349	26.301	2,836.4	25.84	104.44	65.0	186.7	44.8
101.0	0.2810	29.247	26.209	2,806.8	25.75	104.08	65.0	185.4	44.7
101.5	0.2810	29.146	26.117	2,777.4	25.65	103.72	65.0	184.1	44.5
102.0	0.2810	29.044	26.025	2,748.2	25.55	103.36	65.0	182.8	44.4
102.5	0.2810	28.943	25.933	2,719.2	25.45	103.00	65.0	181.5	44.2
103.0	0.2810	28.841	25.842	2,690.4	25.36	102.64	65.0	180.2	44.0
103.5	0.2810	28.740	25.750	2,661.9	25.26	102.28	65.0	178.9	43.9
104.0	0.2810	28.638	25.658	2,633.5	25.16	101.91	65.0	177.6	43.7
104.5	0.2810	28.537	25.566	2,605.3	25.07	101.55	65.0	176.4	43.6
105.0	0.2810	28.435	25.474	2,577.3	24.97	101.19	65.0	175.1	43.4
105.5	0.2810	28.333	25.382	2,549.5	24.87	100.83	65.0	173.8	43.3
106.0	0.2810	28.232	25.291	2,522.0	24.78	100.47	65.0	172.6	43.1
106.5	0.2810	28.131	25.199	2,494.6	24.68	100.11	65.0	171.3	43.0
107.0	0.2810	28.029	25.107	2,467.4	24.58	99.75	65.0	170.1	42.8
107.5	0.2810	27.927	25.015	2,440.4	24.49	99.39	65.0	168.8	42.6
108.0	0.2810	27.826	24.923	2,413.7	24.39	99.02	65.0	167.6	42.5
108.5	0.2810	27.725	24.831	2,387.1	24.29	98.66	65.0	166.3	42.3
109.0	0.2810	27.623	24.740	2,360.7	24.20	98.30	65.0	165.1	42.2
109.5	0.2810	27.521	24.648	2,334.5	24.10	97.94	65.0	163.9	42.0
110.0	0.2810	27.420	24.556	2,308.5	24.00	97.58	65.0	162.6	41.9
110.5	0.2810	27.319	24.464	2,282.7	23.91	97.22	65.0	161.4	41.7
111.0	0.2810	27.217	24.372	2,257.1	23.81	96.86	65.0	160.2	41.5
111.5	0.2810	27.116	24.280	2,231.7	23.71	96.50	65.0	159.0	41.4
112.0	0.2810	27.014	24.189	2,206.4	23.62	96.14	65.0	157.8	41.2
112.5	0.2810	26.913	24.097	2,181.4	23.52	95.77	65.0	156.6	41.1
113.0	0.2810	26.811	24.005	2,156.6	23.42	95.41	65.0	155.4	40.9
113.5	0.2810	26.710	23.913	2,131.9	23.33	95.05	65.0	154.2	40.8
114.0	0.2810	26.608	23.821	2,107.4	23.23	94.69	65.0	153.0	40.6
114.5	0.2810	26.507	23.729	2,083.1	23.13	94.33	65.0	151.8	40.5
115.0	0.2810	26.405	23.638	2,059.1	23.04	93.97	65.0	150.6	40.3
115.5	0.2810	26.304	23.546	2,035.1	22.94	93.61	65.0	149.5	40.1
116.0	0.2810	26.202	23.454	2,011.4	22.84	93.25	65.0	148.3	40.0
116.5	0.2810	26.101	23.362	1,987.9	22.74	92.88	65.0	147.1	39.8
117.0	0.2810	25.999	23.270	1,964.5	22.65	92.52	65.0	146.0	39.7
117.5	0.2810	25.898	23.178	1,941.4	22.55	92.16	65.0	144.8	39.5
118.0	0.2810	25.796	23.086	1,918.4	22.45	91.80	65.0	143.7	39.4
118.5	0.2810	25.694	22.995	1,895.6	22.36	91.44	65.0	142.5	39.2
119.0	0.2810	25.593	22.903	1,873.0	22.26	91.08	65.0	141.4	39.0
119.5	0.2810	25.492	22.811	1,850.5	22.16	90.72	65.0	140.2	38.9
120.0	0.2810	25.390	22.719	1,828.3	22.07	90.36	65.0	139.1	38.7
120.5	0.2810	25.288	22.627	1,806.2	21.97	89.99	65.0	138.0	38.6
120.8 Bot - Section 4	0.2810	25.222	22.567	1,791.7	21.91	89.76	65.0	137.2	25.4
121.0	0.2810	25.187	22.535	1,784.3	21.87	89.63	65.0	136.9	22.0
121.5	0.2810	25.086	22.444	1,762.5	21.78	89.27	65.0	135.7	64.3
122.0	0.2810	24.984	22.352	1,741.0	21.68	88.91	65.0	134.6	64.1
122.5	0.2810	24.882	22.260	1,719.6	21.58	88.55	65.0	133.5	63.8

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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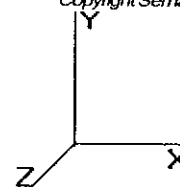
Base Elev : 0.000 (ft)

123.0	0.2810	24.781	22.168	1,698.4	21.49	88.19	65.0	132.4	63.6
123.5	0.2810	24.680	22.076	1,677.4	21.39	87.83	65.0	131.3	63.3
124.0	0.2810	24.578	21.984	1,656.6	21.29	87.47	65.0	130.2	63.0
124.5	0.2810	24.477	21.893	1,635.9	21.20	87.10	65.0	129.1	62.8
125.0	Top - Section 3	0.1880	24.752	14.870	1,145.2	33.13	131.66	61.7	89.4
125.0		0.1880	24.751	14.869	1,145.1	33.13	131.65	61.7	89.4
125.5		0.1880	24.649	14.808	1,131.0	32.99	131.11	61.9	88.6
126.0		0.1880	24.548	14.747	1,116.9	32.84	130.57	62.0	87.9
126.5		0.1880	24.446	14.685	1,103.0	32.70	130.03	62.2	87.2
127.0		0.1880	24.345	14.624	1,089.3	32.55	129.49	62.3	86.4
127.5		0.1880	24.243	14.562	1,075.6	32.41	128.95	62.4	85.7
128.0		0.1880	24.142	14.501	1,062.0	32.27	128.41	62.6	85.0
128.5		0.1880	24.040	14.439	1,048.6	32.12	127.87	62.7	84.3
129.0		0.1880	23.939	14.378	1,035.3	31.98	127.34	62.9	83.5
129.5		0.1880	23.837	14.316	1,022.0	31.83	126.80	63.0	82.8
130.0		0.1880	23.736	14.255	1,008.9	31.69	126.26	63.1	82.1
130.5		0.1880	23.634	14.194	995.9	31.54	125.72	63.3	81.4
131.0		0.1880	23.533	14.132	983.1	31.40	125.18	63.4	80.7
131.5		0.1880	23.431	14.071	970.3	31.25	124.64	63.6	80.0
132.0		0.1880	23.330	14.009	957.6	31.11	124.10	63.7	79.3
132.5		0.1880	23.228	13.948	945.1	30.96	123.56	63.9	78.6
133.0		0.1880	23.127	13.886	932.7	30.82	123.02	64.0	77.9
133.5		0.1880	23.025	13.825	920.3	30.67	122.48	64.1	77.2
134.0		0.1880	22.924	13.763	908.1	30.53	121.94	64.3	76.5
134.5		0.1880	22.822	13.702	896.0	30.38	121.40	64.4	75.8
135.0		0.1880	22.721	13.641	884.0	30.24	120.86	64.6	75.2
135.5		0.1880	22.619	13.579	872.1	30.10	120.32	64.7	74.5
136.0		0.1880	22.518	13.518	860.3	29.95	119.78	64.8	73.8
136.5		0.1880	22.417	13.456	848.7	29.81	119.24	65.0	73.1
137.0		0.1880	22.315	13.395	837.1	29.66	118.70	65.0	72.5
137.5		0.1880	22.213	13.333	825.6	29.52	118.16	65.0	71.8
138.0		0.1880	22.112	13.272	814.3	29.37	117.62	65.0	71.1
138.5		0.1880	22.010	13.210	803.0	29.23	117.08	65.0	70.5
139.0		0.1880	21.909	13.149	791.8	29.08	116.54	65.0	69.8
139.5		0.1880	21.807	13.088	780.8	28.94	116.00	65.0	69.2
140.0		0.1880	21.706	13.026	769.8	28.79	115.46	65.0	68.5
140.5		0.1880	21.604	12.965	759.0	28.65	114.92	65.0	67.9
141.0		0.1880	21.503	12.903	748.3	28.50	114.38	65.0	67.2
141.5		0.1880	21.401	12.842	737.6	28.36	113.84	65.0	66.6
142.0		0.1880	21.300	12.780	727.1	28.21	113.30	65.0	65.9
142.5		0.1880	21.198	12.719	716.7	28.07	112.76	65.0	65.3
143.0		0.1880	21.097	12.657	706.3	27.93	112.22	65.0	64.7
143.5		0.1880	20.995	12.596	696.1	27.78	111.68	65.0	64.0
144.0		0.1880	20.894	12.535	685.9	27.64	111.14	65.0	63.4
144.5		0.1880	20.792	12.473	675.9	27.49	110.60	65.0	62.8
145.0		0.1880	20.691	12.412	666.0	27.35	110.06	65.0	62.2
145.5		0.1880	20.589	12.350	656.1	27.20	109.52	65.0	61.6
146.0		0.1880	20.488	12.289	646.4	27.06	108.98	65.0	60.9
146.5		0.1880	20.386	12.227	636.7	26.91	108.44	65.0	60.3
147.0		0.1880	20.285	12.166	627.2	26.77	107.90	65.0	59.7
147.5		0.1880	20.183	12.104	617.7	26.62	107.36	65.0	59.1
148.0		0.1880	20.082	12.043	608.4	26.48	106.82	65.0	58.5
148.5		0.1880	19.980	11.982	599.1	26.33	106.28	65.0	57.9
149.0		0.1880	19.879	11.920	589.9	26.19	105.74	65.0	57.3
149.5		0.1880	19.778	11.859	580.9	26.04	105.20	65.0	56.7
150.0		0.1880	19.676	11.797	571.9	25.90	104.66	65.0	56.1
150.5		0.1880	19.574	11.736	563.0	25.76	104.12	65.0	55.6
151.0		0.1880	19.473	11.674	554.2	25.61	103.58	65.0	55.0
151.5		0.1880	19.372	11.613	545.5	25.47	103.04	65.0	54.4
152.0		0.1880	19.270	11.551	536.9	25.32	102.50	65.0	53.8
152.5		0.1880	19.168	11.490	528.4	25.18	101.96	65.0	53.2
153.0		0.1880	19.067	11.429	519.9	25.03	101.42	65.0	52.7
153.5		0.1880	18.965	11.367	511.6	24.89	100.88	65.0	52.1
154.0		0.1880	18.864	11.306	503.3	24.74	100.34	65.0	51.5

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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Base Elev : 0.000 (ft)

154.5		0.1880	18.762	11.244	495.2	24.60	99.80	65.0	51.0	19.2
155.0		0.1880	18.661	11.183	487.1	24.45	99.26	65.0	50.4	19.1
155.5		0.1880	18.559	11.121	479.1	24.31	98.72	65.0	49.9	19.0
156.0		0.1880	18.458	11.060	471.2	24.16	98.18	65.0	49.3	18.9
156.5		0.1880	18.356	10.998	463.4	24.02	97.64	65.0	48.8	18.8
157.0		0.1880	18.255	10.937	455.7	23.87	97.10	65.0	48.2	18.7
157.5		0.1880	18.153	10.876	448.0	23.73	96.56	65.0	47.7	18.6
158.0		0.1880	18.052	10.814	440.5	23.59	96.02	65.0	47.1	18.5
158.5		0.1880	17.950	10.753	433.0	23.44	95.48	65.0	46.6	18.3
159.0		0.1880	17.849	10.691	425.6	23.30	94.94	65.0	46.1	18.2
159.5		0.1880	17.747	10.630	418.3	23.15	94.40	65.0	45.5	18.1
160.0	Top - Section 4	0.1880	17.646	10.568	411.1	23.01	93.86	65.0	45.0	18.0
160.0	Bot - Section 5	0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	
160.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
161.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
161.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
162.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
162.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
163.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
163.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
164.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
164.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
165.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
165.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
166.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
166.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
167.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
167.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
168.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
168.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
169.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
169.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
170.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
170.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
171.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
171.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
172.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
172.5		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4
173.0		0.6440	8.400	16.083	123.5	1.35	13.04	35.0	28.4	27.4

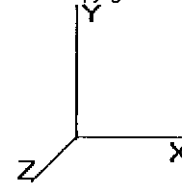
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Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor: 1.10

Wind Importance Factor: 1.00

Dead Load Factor: 1.20

Wind Load Factor: 1.60

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	αz (psf)	$\alpha z Gh$ (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	18.769	20.64	367.58	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
0.50		1.00	0.70	18.769	20.64	366.81	1.000	0.00	0.50	2.090	2.09	69.0	0.0	128.2
1.00		1.00	0.70	18.769	20.64	366.04	1.000	0.00	0.50	2.086	2.09	68.9	0.0	128.0
1.50		1.00	0.70	18.769	20.64	365.27	1.000	0.00	0.50	2.081	2.08	68.7	0.0	127.7
2.00		1.00	0.70	18.769	20.64	364.50	1.000	0.00	0.50	2.077	2.08	68.6	0.0	127.4
2.50		1.00	0.70	18.769	20.64	363.73	1.000	0.00	0.50	2.072	2.07	68.5	0.0	127.1
3.00		1.00	0.70	18.769	20.64	362.96	1.000	0.00	0.50	2.068	2.07	68.3	0.0	126.9
3.50		1.00	0.70	18.769	20.64	362.19	1.000	0.00	0.50	2.064	2.06	68.2	0.0	126.6
4.00		1.00	0.70	18.769	20.64	361.42	1.000	0.00	0.50	2.059	2.06	68.0	0.0	126.3
4.50		1.00	0.70	18.769	20.64	360.65	1.000	0.00	0.50	2.055	2.05	67.9	0.0	126.1
5.00		1.00	0.70	18.769	20.64	359.89	1.000	0.00	0.50	2.051	2.05	67.7	0.0	125.8
5.50		1.00	0.70	18.769	20.64	359.12	1.000	0.00	0.50	2.046	2.05	67.6	0.0	125.5
6.00		1.00	0.70	18.769	20.64	358.35	1.000	0.00	0.50	2.042	2.04	67.4	0.0	125.3
6.50		1.00	0.70	18.769	20.64	357.58	1.000	0.00	0.50	2.037	2.04	67.3	0.0	125.0
7.00		1.00	0.70	18.769	20.64	356.81	1.000	0.00	0.50	2.033	2.03	67.2	0.0	124.7
7.50		1.00	0.70	18.769	20.64	356.04	1.000	0.00	0.50	2.029	2.03	67.0	0.0	124.4
8.00		1.00	0.70	18.769	20.64	355.27	1.000	0.00	0.50	2.024	2.02	66.9	0.0	124.2
8.50		1.00	0.70	18.769	20.64	354.50	1.000	0.00	0.50	2.020	2.02	66.7	0.0	123.9
9.00		1.00	0.70	18.769	20.64	353.73	1.000	0.00	0.50	2.015	2.02	66.6	0.0	123.6
9.50		1.00	0.70	18.769	20.64	352.96	1.000	0.00	0.50	2.011	2.01	66.4	0.0	123.4
10.00		1.00	0.70	18.769	20.64	352.19	1.000	0.00	0.50	2.007	2.01	66.3	0.0	123.1
10.50		1.00	0.70	18.769	20.64	351.42	1.000	0.00	0.50	2.002	2.00	66.1	0.0	122.8
11.00		1.00	0.70	18.769	20.64	350.65	1.000	0.00	0.50	1.998	2.00	66.0	0.0	122.5
11.50		1.00	0.70	18.769	20.64	349.88	1.000	0.00	0.50	1.994	1.99	65.9	0.0	122.3
12.00		1.00	0.70	18.769	20.64	349.12	1.000	0.00	0.50	1.989	1.99	65.7	0.0	122.0
12.50		1.00	0.70	18.769	20.64	348.35	1.000	0.00	0.50	1.985	1.98	65.6	0.0	121.7
13.00		1.00	0.70	18.769	20.64	347.58	1.000	0.00	0.50	1.980	1.98	65.4	0.0	121.5
13.50		1.00	0.70	18.769	20.64	346.81	1.000	0.00	0.50	1.976	1.98	65.3	0.0	121.2
14.00		1.00	0.70	18.769	20.64	346.04	1.000	0.00	0.50	1.972	1.97	65.1	0.0	120.9
14.50		1.00	0.70	18.769	20.64	345.27	1.000	0.00	0.50	1.967	1.97	65.0	0.0	120.6
15.00		1.00	0.70	18.769	20.64	344.50	1.000	0.00	0.50	1.963	1.96	64.8	0.0	120.4
15.50		1.00	0.70	18.769	20.64	343.73	1.000	0.00	0.50	1.959	1.96	64.7	0.0	120.1
16.00		1.00	0.70	18.769	20.64	342.96	1.000	0.00	0.50	1.954	1.95	64.6	0.0	119.8
16.50		1.00	0.70	18.769	20.64	342.19	1.000	0.00	0.50	1.950	1.95	64.4	0.0	119.6
17.00		1.00	0.70	18.769	20.64	341.42	1.000	0.00	0.50	1.945	1.95	64.3	0.0	119.3
17.50		1.00	0.70	18.769	20.64	340.65	1.000	0.00	0.50	1.941	1.94	64.1	0.0	119.0
18.00		1.00	0.70	18.769	20.64	339.88	1.000	0.00	0.50	1.937	1.94	64.0	0.0	118.8
18.50		1.00	0.70	18.769	20.64	339.12	1.000	0.00	0.50	1.932	1.93	63.8	0.0	118.5
19.00		1.00	0.70	18.769	20.64	338.35	1.000	0.00	0.50	1.928	1.93	63.7	0.0	118.2
19.50		1.00	0.70	18.769	20.64	337.58	1.000	0.00	0.50	1.924	1.92	63.5	0.0	117.9
20.00		1.00	0.70	18.769	20.64	336.81	1.000	0.00	0.50	1.919	1.92	63.4	0.0	117.7
20.50		1.00	0.70	18.769	20.64	336.04	1.000	0.00	0.50	1.915	1.91	63.3	0.0	117.4
21.00		1.00	0.70	18.769	20.64	335.27	1.000	0.00	0.50	1.910	1.91	63.1	0.0	117.1
21.50		1.00	0.70	18.769	20.64	334.50	1.000	0.00	0.50	1.906	1.91	63.0	0.0	116.9
22.00		1.00	0.70	18.769	20.64	333.73	1.000	0.00	0.50	1.902	1.90	62.8	0.0	116.6
22.50		1.00	0.70	18.769	20.64	332.96	1.000	0.00	0.50	1.897	1.90	62.7	0.0	116.3
23.00		1.00	0.70	18.769	20.64	332.19	1.000	0.00	0.50	1.893	1.89	62.5	0.0	116.0
23.50		1.00	0.70	18.769	20.64	331.42	1.000	0.00	0.50	1.889	1.89	62.4	0.0	115.8
24.00		1.00	0.70	18.769	20.64	330.65	1.000	0.00	0.50	1.884	1.88	62.2	0.0	115.5
24.50		1.00	0.70	18.769	20.64	329.88	1.000	0.00	0.50	1.880	1.88	62.1	0.0	115.2
25.00		1.00	0.70	18.769	20.64	329.11	1.000	0.00	0.50	1.875	1.88	62.0	0.0	115.0

Pole : 302524
 Location : Beacon Falls, CT
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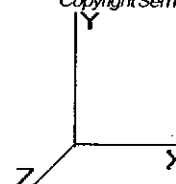
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

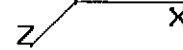
25.50	1.00	0.70	18.769	20.64	328.35	1.000	0.00	0.50	1.871	1.87	61.8	0.0	114.7
26.00	1.00	0.70	18.769	20.64	327.58	1.000	0.00	0.50	1.867	1.87	61.7	0.0	114.4
26.50	1.00	0.70	18.769	20.64	326.81	1.000	0.00	0.50	1.862	1.86	61.5	0.0	114.1
27.00	1.00	0.70	18.769	20.64	326.04	1.000	0.00	0.50	1.858	1.86	61.4	0.0	113.9
27.50	1.00	0.70	18.769	20.64	325.27	1.000	0.00	0.50	1.854	1.85	61.2	0.0	113.6
28.00	1.00	0.70	18.769	20.64	324.50	1.000	0.00	0.50	1.849	1.85	61.1	0.0	113.3
28.50	1.00	0.70	18.769	20.64	323.73	1.000	0.00	0.50	1.845	1.84	60.9	0.0	113.1
29.00	1.00	0.70	18.769	20.64	322.96	1.000	0.00	0.50	1.840	1.84	60.8	0.0	112.8
29.50	1.00	0.70	18.769	20.64	322.19	1.000	0.00	0.50	1.836	1.84	60.6	0.0	112.5
30.00	1.00	0.70	18.785	20.66	321.56	1.000	0.00	0.50	1.832	1.83	60.6	0.0	112.2
30.50	1.00	0.70	18.874	20.76	321.55	1.000	0.00	0.50	1.827	1.83	60.7	0.0	112.0
31.00	1.00	0.70	18.962	20.85	321.52	1.000	0.00	0.50	1.823	1.82	60.8	0.0	111.7
31.50	1.00	0.71	19.049	20.95	321.48	1.000	0.00	0.50	1.818	1.82	61.0	0.0	111.4
32.00	1.00	0.71	19.134	21.04	321.43	1.000	0.00	0.50	1.814	1.81	61.1	0.0	111.2
32.50	1.00	0.71	19.219	21.14	321.36	1.000	0.00	0.50	1.810	1.81	61.2	0.0	110.9
33.00	1.00	0.72	19.303	21.23	321.28	1.000	0.00	0.50	1.805	1.81	61.3	0.0	110.6
33.50	1.00	0.72	19.386	21.32	321.19	1.000	0.00	0.50	1.801	1.80	61.4	0.0	110.4
34.00	1.00	0.72	19.469	21.41	321.09	1.000	0.00	0.50	1.797	1.80	61.6	0.0	110.1
34.50	1.00	0.72	19.550	21.50	320.98	1.000	0.00	0.50	1.792	1.79	61.7	0.0	109.8
35.00	1.00	0.73	19.631	21.59	320.85	1.000	0.00	0.50	1.788	1.79	61.8	0.0	109.5
35.50	1.00	0.73	19.710	21.68	320.71	1.000	0.00	0.50	1.783	1.78	61.9	0.0	109.3
36.00	1.00	0.73	19.789	21.76	320.56	1.000	0.00	0.50	1.779	1.78	62.0	0.0	109.0
36.50	1.00	0.74	19.867	21.85	320.41	1.000	0.00	0.50	1.775	1.77	62.1	0.0	108.7
37.00	1.00	0.74	19.945	21.93	320.24	1.000	0.00	0.50	1.770	1.77	62.1	0.0	108.5
37.50	1.00	0.74	20.021	22.02	320.06	1.000	0.00	0.50	1.766	1.77	62.2	0.0	108.2
38.00	1.00	0.75	20.097	22.10	319.87	1.000	0.00	0.50	1.762	1.76	62.3	0.0	107.9
38.50	1.00	0.75	20.173	22.19	319.67	1.000	0.00	0.50	1.757	1.76	62.4	0.0	107.6
39.00	1.00	0.75	20.247	22.27	319.46	1.000	0.00	0.50	1.753	1.75	62.5	0.0	107.4
39.50	1.00	0.75	20.321	22.35	319.24	1.000	0.00	0.50	1.748	1.75	62.5	0.0	107.1
40.00	1.00	0.76	20.394	22.43	319.01	1.000	0.00	0.50	1.744	1.74	62.6	0.0	106.8
40.50	1.00	0.76	20.467	22.51	318.77	1.000	0.00	0.50	1.740	1.74	62.7	0.0	106.6
41.00	1.00	0.76	20.538	22.59	318.53	1.000	0.00	0.50	1.735	1.74	62.7	0.0	106.3
41.50	1.00	0.76	20.610	22.67	318.27	1.000	0.00	0.50	1.731	1.73	62.8	0.0	106.0
42.00	1.00	0.77	20.680	22.74	318.01	1.000	0.00	0.50	1.727	1.73	62.8	0.0	105.7
42.50	1.00	0.77	20.750	22.82	317.74	1.000	0.00	0.50	1.722	1.72	62.9	0.0	105.5
43.00	1.00	0.77	20.820	22.90	317.46	1.000	0.00	0.50	1.718	1.72	62.9	0.0	105.2
43.50	1.00	0.77	20.889	22.97	317.18	1.000	0.00	0.50	1.713	1.71	63.0	0.0	104.9
43.58 Bot - Section 2	1.00	0.77	20.900	22.99	317.13	1.000	0.00	0.08	0.285	0.29	10.5	0.0	17.5
44.00	1.00	0.78	20.957	23.05	316.88	1.000	0.00	0.42	1.449	1.45	53.4	0.0	162.5
44.50	1.00	0.78	21.025	23.12	316.58	1.000	0.00	0.50	1.734	1.73	64.2	0.0	194.5
45.00	1.00	0.78	21.092	23.20	316.27	1.000	0.00	0.50	1.730	1.73	64.2	0.0	194.0
45.50	1.00	0.78	21.159	23.27	315.95	1.000	0.00	0.50	1.726	1.73	64.3	0.0	193.5
46.00	1.00	0.79	21.225	23.34	315.63	1.000	0.00	0.50	1.721	1.72	64.3	0.0	193.0
46.50	1.00	0.79	21.291	23.42	315.30	1.000	0.00	0.50	1.717	1.72	64.3	0.0	192.5
47.00	1.00	0.79	21.356	23.49	314.96	1.000	0.00	0.50	1.712	1.71	64.4	0.0	192.0
47.50	1.00	0.79	21.420	23.56	314.61	1.000	0.00	0.50	1.708	1.71	64.4	0.0	191.5
48.00	1.00	0.80	21.485	23.63	314.26	1.000	0.00	0.50	1.704	1.70	64.4	0.0	191.0
48.50	1.00	0.80	21.548	23.70	313.90	1.000	0.00	0.50	1.699	1.70	64.4	0.0	190.5
49.00	1.00	0.80	21.612	23.77	313.54	1.000	0.00	0.50	1.695	1.69	64.5	0.0	190.0
49.50 Top - Section 1	1.00	0.80	21.674	23.84	313.16	1.000	0.00	0.50	1.691	1.69	64.5	0.0	189.5
50.00	1.00	0.81	21.737	23.91	312.80	1.000	0.00	0.50	1.686	1.69	64.5	0.0	87.6
50.50	1.00	0.81	21.799	23.97	318.02	1.000	0.00	0.50	1.682	1.68	64.5	0.0	87.4
51.00	1.00	0.81	21.860	24.04	317.64	1.000	0.00	0.50	1.677	1.68	64.5	0.0	87.2
51.50	1.00	0.81	21.921	24.11	317.25	1.000	0.00	0.50	1.673	1.67	64.5	0.0	86.9
52.00	1.00	0.82	21.982	24.18	316.86	1.000	0.00	0.50	1.669	1.67	64.6	0.0	86.7
52.50	1.00	0.82	22.042	24.24	316.46	1.000	0.00	0.50	1.664	1.66	64.6	0.0	86.5
53.00	1.00	0.82	22.102	24.31	316.05	1.000	0.00	0.50	1.660	1.66	64.6	0.0	86.2

Pole : 302524
 Location : Beacon Falls, CT
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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10
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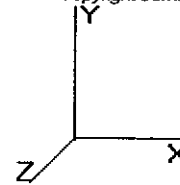
53.50	1.00	0.82	22.161	24.37	315.64	1.000	0.00	0.50	1.656	1.66	64.6	0.0	86.0
54.00	1.00	0.82	22.220	24.44	315.22	1.000	0.00	0.50	1.651	1.65	64.6	0.0	85.8
54.50	1.00	0.83	22.278	24.50	314.80	1.000	0.00	0.50	1.647	1.65	64.6	0.0	85.6
55.00	1.00	0.83	22.337	24.57	314.37	1.000	0.00	0.50	1.642	1.64	64.6	0.0	85.3
55.50	1.00	0.83	22.395	24.63	313.94	1.000	0.00	0.50	1.638	1.64	64.6	0.0	85.1
56.00	1.00	0.83	22.452	24.69	313.50	1.000	0.00	0.50	1.634	1.63	64.6	0.0	84.9
56.50	1.00	0.83	22.509	24.76	313.05	1.000	0.00	0.50	1.629	1.63	64.5	0.0	84.6
57.00	1.00	0.84	22.566	24.82	312.61	1.000	0.00	0.50	1.625	1.62	64.5	0.0	84.4
57.50	1.00	0.84	22.622	24.88	312.15	1.000	0.00	0.50	1.620	1.62	64.5	0.0	84.2
58.00	1.00	0.84	22.678	24.94	311.69	1.000	0.00	0.50	1.616	1.62	64.5	0.0	83.9
58.50	1.00	0.84	22.734	25.00	311.23	1.000	0.00	0.50	1.612	1.61	64.5	0.0	83.7
59.00	1.00	0.85	22.789	25.06	310.76	1.000	0.00	0.50	1.607	1.61	64.5	0.0	83.5
59.50	1.00	0.85	22.844	25.12	310.28	1.000	0.00	0.50	1.603	1.60	64.4	0.0	83.3
60.00	1.00	0.85	22.899	25.18	309.81	1.000	0.00	0.50	1.599	1.60	64.4	0.0	83.0
60.50	1.00	0.85	22.953	25.24	309.32	1.000	0.00	0.50	1.594	1.59	64.4	0.0	82.8
61.00	1.00	0.85	23.007	25.30	308.84	1.000	0.00	0.50	1.590	1.59	64.4	0.0	82.6
61.50	1.00	0.86	23.061	25.36	308.34	1.000	0.00	0.50	1.585	1.59	64.3	0.0	82.3
62.00	1.00	0.86	23.114	25.42	307.85	1.000	0.00	0.50	1.581	1.58	64.3	0.0	82.1
62.50	1.00	0.86	23.168	25.48	307.34	1.000	0.00	0.50	1.577	1.58	64.3	0.0	81.9
63.00	1.00	0.86	23.220	25.54	306.84	1.000	0.00	0.50	1.572	1.57	64.3	0.0	81.7
63.50	1.00	0.86	23.273	25.60	306.33	1.000	0.00	0.50	1.568	1.57	64.2	0.0	81.4
64.00	1.00	0.87	23.325	25.65	305.82	1.000	0.00	0.50	1.564	1.56	64.2	0.0	81.2
64.50	1.00	0.87	23.377	25.71	305.30	1.000	0.00	0.50	1.559	1.56	64.2	0.0	81.0
65.00	1.00	0.87	23.429	25.77	304.77	1.000	0.00	0.50	1.555	1.55	64.1	0.0	80.7
65.50	1.00	0.87	23.480	25.82	304.25	1.000	0.00	0.50	1.550	1.55	64.1	0.0	80.5
66.00	1.00	0.87	23.531	25.88	303.72	1.000	0.00	0.50	1.546	1.55	64.0	0.0	80.3
66.50	1.00	0.88	23.582	25.94	303.18	1.000	0.00	0.50	1.542	1.54	64.0	0.0	80.0
67.00	1.00	0.88	23.632	25.99	302.64	1.000	0.00	0.50	1.537	1.54	63.9	0.0	79.8
67.50	1.00	0.88	23.683	26.05	302.10	1.000	0.00	0.50	1.533	1.53	63.9	0.0	79.6
68.00	1.00	0.88	23.733	26.10	301.56	1.000	0.00	0.50	1.529	1.53	63.8	0.0	79.4
68.50	1.00	0.88	23.782	26.16	301.00	1.000	0.00	0.50	1.524	1.52	63.8	0.0	79.1
69.00	1.00	0.88	23.832	26.21	300.45	1.000	0.00	0.50	1.520	1.52	63.7	0.0	78.9
69.50	1.00	0.89	23.881	26.26	299.89	1.000	0.00	0.50	1.515	1.52	63.7	0.0	78.7
70.00	1.00	0.89	23.930	26.32	299.33	1.000	0.00	0.50	1.511	1.51	63.6	0.0	78.4
70.50	1.00	0.89	23.979	26.37	298.77	1.000	0.00	0.50	1.507	1.51	63.6	0.0	78.2
71.00	1.00	0.89	24.027	26.43	298.20	1.000	0.00	0.50	1.502	1.50	63.5	0.0	78.0
71.50	1.00	0.89	24.075	26.48	297.63	1.000	0.00	0.50	1.498	1.50	63.5	0.0	77.8
72.00	1.00	0.90	24.123	26.53	297.05	1.000	0.00	0.50	1.494	1.49	63.4	0.0	77.5
72.50	1.00	0.90	24.171	26.58	296.47	1.000	0.00	0.50	1.489	1.49	63.3	0.0	77.3
73.00	1.00	0.90	24.219	26.64	295.89	1.000	0.00	0.50	1.485	1.48	63.3	0.0	77.1
73.50	1.00	0.90	24.266	26.69	295.30	1.000	0.00	0.50	1.480	1.48	63.2	0.0	76.8
74.00	1.00	0.90	24.313	26.74	294.71	1.000	0.00	0.50	1.476	1.48	63.2	0.0	76.6
74.50	1.00	0.90	24.360	26.79	294.12	1.000	0.00	0.50	1.472	1.47	63.1	0.0	76.4
75.00	1.00	0.91	24.406	26.84	293.52	1.000	0.00	0.50	1.467	1.47	63.0	0.0	76.1
75.50	1.00	0.91	24.453	26.89	292.93	1.000	0.00	0.50	1.463	1.46	63.0	0.0	75.9
76.00	1.00	0.91	24.499	26.94	292.32	1.000	0.00	0.50	1.458	1.46	62.9	0.0	75.7
76.50	1.00	0.91	24.545	26.99	291.72	1.000	0.00	0.50	1.454	1.45	62.8	0.0	75.5
77.00	1.00	0.91	24.591	27.05	291.11	1.000	0.00	0.50	1.450	1.45	62.7	0.0	75.2
77.50	1.00	0.91	24.636	27.10	290.50	1.000	0.00	0.50	1.445	1.45	62.7	0.0	75.0
78.00	1.00	0.92	24.681	27.15	289.88	1.000	0.00	0.50	1.441	1.44	62.6	0.0	74.8
78.50	1.00	0.92	24.727	27.19	289.26	1.000	0.00	0.50	1.437	1.44	62.5	0.0	74.5
79.00	1.00	0.92	24.771	27.24	288.64	1.000	0.00	0.50	1.432	1.43	62.4	0.0	74.3
79.50	1.00	0.92	24.816	27.29	288.02	1.000	0.00	0.50	1.428	1.43	62.4	0.0	74.1
80.00	1.00	0.92	24.861	27.34	287.39	1.000	0.00	0.50	1.423	1.42	62.3	0.0	73.8
80.50	1.00	0.92	24.905	27.39	286.76	1.000	0.00	0.50	1.419	1.42	62.2	0.0	73.6
81.00	1.00	0.93	24.949	27.44	286.13	1.000	0.00	0.50	1.415	1.41	62.1	0.0	73.4
81.50	1.00	0.93	24.993	27.49	285.49	1.000	0.00	0.50	1.410	1.41	62.0	0.0	73.2

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

82.00		1.00	0.93	25.037	27.54	284.85	1.000	0.00	0.50	1.406	1.41	62.0	0.0	72.9
82.50		1.00	0.93	25.080	27.58	284.21	1.000	0.00	0.50	1.402	1.40	61.9	0.0	72.7
83.00		1.00	0.93	25.124	27.63	283.57	1.000	0.00	0.50	1.397	1.40	61.8	0.0	72.5
83.50		1.00	0.93	25.167	27.68	282.92	1.000	0.00	0.50	1.393	1.39	61.7	0.0	72.2
84.00		1.00	0.94	25.210	27.73	282.27	1.000	0.00	0.50	1.388	1.39	61.6	0.0	72.0
84.50		1.00	0.94	25.252	27.77	281.61	1.000	0.00	0.50	1.384	1.38	61.5	0.0	71.8
85.00		1.00	0.94	25.295	27.82	280.96	1.000	0.00	0.50	1.380	1.38	61.4	0.0	71.6
85.50		1.00	0.94	25.337	27.87	280.30	1.000	0.00	0.50	1.375	1.38	61.3	0.0	71.3
86.00		1.00	0.94	25.380	27.91	279.64	1.000	0.00	0.50	1.371	1.37	61.2	0.0	71.1
86.09	Bot - Section 3	1.00	0.94	25.387	27.92	279.53	1.000	0.00	0.09	0.237	0.24	10.6	0.0	12.3
86.50		1.00	0.94	25.422	27.96	278.98	1.000	0.00	0.41	1.149	1.15	51.4	0.0	107.4
87.00		1.00	0.95	25.464	28.01	278.31	1.000	0.00	0.50	1.386	1.39	62.1	0.0	129.5
87.50		1.00	0.95	25.505	28.05	277.64	1.000	0.00	0.50	1.382	1.38	62.0	0.0	129.1
88.00		1.00	0.95	25.547	28.10	276.97	1.000	0.00	0.50	1.378	1.38	61.9	0.0	128.7
88.50		1.00	0.95	25.588	28.14	276.30	1.000	0.00	0.50	1.373	1.37	61.8	0.0	128.2
89.00		1.00	0.95	25.630	28.19	275.62	1.000	0.00	0.50	1.369	1.37	61.7	0.0	127.8
89.50		1.00	0.95	25.671	28.23	274.94	1.000	0.00	0.50	1.365	1.36	61.6	0.0	127.4
90.00		1.00	0.95	25.711	28.28	274.26	1.000	0.00	0.50	1.360	1.36	61.5	0.0	127.0
90.50		1.00	0.96	25.752	28.32	273.58	1.000	0.00	0.50	1.356	1.36	61.4	0.0	126.6
91.00		1.00	0.96	25.793	28.37	272.89	1.000	0.00	0.50	1.351	1.35	61.3	0.0	126.2
91.00	Top - Section 2	1.00	0.96	25.793	28.37	272.88	1.000	0.00	0.00	0.009	0.01	0.4	0.0	0.8
91.50		1.00	0.96	25.833	28.41	272.20	1.000	0.00	0.50	1.338	1.34	60.8	0.0	56.8
92.00		1.00	0.96	25.873	28.46	276.51	1.000	0.00	0.50	1.343	1.34	61.1	0.0	57.0
92.50		1.00	0.96	25.914	28.50	275.82	1.000	0.00	0.50	1.338	1.34	61.0	0.0	56.8
93.00		1.00	0.96	25.953	28.54	275.13	1.000	0.00	0.50	1.334	1.33	60.9	0.0	56.6
93.50		1.00	0.96	25.993	28.59	274.43	1.000	0.00	0.50	1.329	1.33	60.8	0.0	56.4
94.00		1.00	0.97	26.033	28.63	273.74	1.000	0.00	0.50	1.325	1.33	60.7	0.0	56.2
94.50		1.00	0.97	26.072	28.68	273.04	1.000	0.00	0.50	1.321	1.32	60.6	0.0	56.0
95.00		1.00	0.97	26.112	28.72	272.34	1.000	0.00	0.50	1.316	1.32	60.5	0.0	55.9
95.50		1.00	0.97	26.151	28.76	271.63	1.000	0.00	0.50	1.312	1.31	60.4	0.0	55.7
96.00		1.00	0.97	26.190	28.80	270.93	1.000	0.00	0.50	1.308	1.31	60.3	0.0	55.5
96.50		1.00	0.97	26.229	28.85	270.22	1.000	0.00	0.50	1.303	1.30	60.2	0.0	55.3
97.00		1.00	0.98	26.268	28.89	269.51	1.000	0.00	0.50	1.299	1.30	60.0	0.0	55.1
97.50		1.00	0.98	26.306	28.93	268.79	1.000	0.00	0.50	1.294	1.29	59.9	0.0	54.9
98.00		1.00	0.98	26.345	28.97	268.08	1.000	0.00	0.50	1.290	1.29	59.8	0.0	54.7
98.50		1.00	0.98	26.383	29.02	267.36	1.000	0.00	0.50	1.286	1.29	59.7	0.0	54.5
99.00		1.00	0.98	26.421	29.06	266.64	1.000	0.00	0.50	1.281	1.28	59.6	0.0	54.4
99.50		1.00	0.98	26.459	29.10	265.92	1.000	0.00	0.50	1.277	1.28	59.5	0.0	54.2
100.0		1.00	0.98	26.497	29.14	265.20	1.000	0.00	0.50	1.273	1.27	59.3	0.0	54.0
100.5		1.00	0.99	26.535	29.18	264.47	1.000	0.00	0.50	1.268	1.27	59.2	0.0	53.8
101.0		1.00	0.99	26.573	29.23	263.75	1.000	0.00	0.50	1.264	1.26	59.1	0.0	53.6
101.5		1.00	0.99	26.610	29.27	263.02	1.000	0.00	0.50	1.259	1.26	59.0	0.0	53.4
102.0		1.00	0.99	26.648	29.31	262.28	1.000	0.00	0.50	1.255	1.26	58.9	0.0	53.2
102.5		1.00	0.99	26.685	29.35	261.55	1.000	0.00	0.50	1.251	1.25	58.7	0.0	53.0
103.0		1.00	0.99	26.722	29.39	260.81	1.000	0.00	0.50	1.246	1.25	58.6	0.0	52.9
103.5		1.00	0.99	26.759	29.43	260.08	1.000	0.00	0.50	1.242	1.24	58.5	0.0	52.7
104.0		1.00	0.99	26.796	29.47	259.34	1.000	0.00	0.50	1.238	1.24	58.4	0.0	52.5
104.5		1.00	1.00	26.833	29.51	258.59	1.000	0.00	0.50	1.233	1.23	58.2	0.0	52.3
105.0		1.00	1.00	26.869	29.55	257.85	1.000	0.00	0.50	1.229	1.23	58.1	0.0	52.1
105.5		1.00	1.00	26.906	29.59	257.10	1.000	0.00	0.50	1.224	1.22	58.0	0.0	51.9
106.0		1.00	1.00	26.942	29.63	256.36	1.000	0.00	0.50	1.220	1.22	57.9	0.0	51.7
106.5		1.00	1.00	26.978	29.67	255.61	1.000	0.00	0.50	1.216	1.22	57.7	0.0	51.5
107.0		1.00	1.00	27.014	29.71	254.85	1.000	0.00	0.50	1.211	1.21	57.6	0.0	51.4
107.5		1.00	1.00	27.050	29.75	254.10	1.000	0.00	0.50	1.207	1.21	57.5	0.0	51.2
108.0		1.00	1.01	27.086	29.79	253.34	1.000	0.00	0.50	1.203	1.20	57.3	0.0	51.0
108.5		1.00	1.01	27.122	29.83	252.59	1.000	0.00	0.50	1.198	1.20	57.2	0.0	50.8
109.0		1.00	1.01	27.158	29.87	251.83	1.000	0.00	0.50	1.194	1.19	57.1	0.0	50.6

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

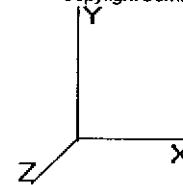
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

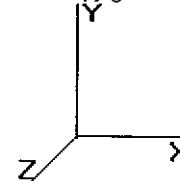
109.5	1.00	1.01	27.193	29.91	251.07	1.000	0.00	0.50	1.189	1.19	56.9	0.0	50.4
110.0	1.00	1.01	27.229	29.95	250.30	1.000	0.00	0.50	1.185	1.18	56.8	0.0	50.2
110.5	1.00	1.01	27.264	29.99	249.54	1.000	0.00	0.50	1.181	1.18	56.7	0.0	50.0
111.0	1.00	1.01	27.299	30.02	248.77	1.000	0.00	0.50	1.176	1.18	56.5	0.0	49.9
111.5	1.00	1.01	27.334	30.06	248.00	1.000	0.00	0.50	1.172	1.17	56.4	0.0	49.7
112.0	1.00	1.02	27.369	30.10	247.23	1.000	0.00	0.50	1.167	1.17	56.2	0.0	49.5
112.5	1.00	1.02	27.404	30.14	246.46	1.000	0.00	0.50	1.163	1.16	56.1	0.0	49.3
113.0	1.00	1.02	27.439	30.18	245.69	1.000	0.00	0.50	1.159	1.16	56.0	0.0	49.1
113.5	1.00	1.02	27.473	30.22	244.91	1.000	0.00	0.50	1.154	1.15	55.8	0.0	48.9
114.0	1.00	1.02	27.508	30.25	244.13	1.000	0.00	0.50	1.150	1.15	55.7	0.0	48.7
114.5	1.00	1.02	27.542	30.29	243.35	1.000	0.00	0.50	1.146	1.15	55.5	0.0	48.5
115.0	1.00	1.02	27.577	30.33	242.57	1.000	0.00	0.50	1.141	1.14	55.4	0.0	48.4
115.5	1.00	1.03	27.611	30.37	241.79	1.000	0.00	0.50	1.137	1.14	55.2	0.0	48.2
116.0	1.00	1.03	27.645	30.41	241.01	1.000	0.00	0.50	1.132	1.13	55.1	0.0	48.0
116.5	1.00	1.03	27.679	30.44	240.22	1.000	0.00	0.50	1.128	1.13	55.0	0.0	47.8
117.0	1.00	1.03	27.713	30.48	239.43	1.000	0.00	0.50	1.124	1.12	54.8	0.0	47.6
117.5	1.00	1.03	27.747	30.52	238.64	1.000	0.00	0.50	1.119	1.12	54.7	0.0	47.4
118.0	1.00	1.03	27.780	30.55	237.85	1.000	0.00	0.50	1.115	1.11	54.5	0.0	47.2
118.5	1.00	1.03	27.814	30.59	237.06	1.000	0.00	0.50	1.111	1.11	54.4	0.0	47.0
119.0	1.00	1.03	27.847	30.63	236.26	1.000	0.00	0.50	1.106	1.11	54.2	0.0	46.9
119.5	1.00	1.04	27.881	30.66	235.47	1.000	0.00	0.50	1.102	1.10	54.1	0.0	46.7
120.0	1.00	1.04	27.914	30.70	234.67	1.000	0.00	0.50	1.097	1.10	53.9	0.0	46.5
120.5	1.00	1.04	27.947	30.74	233.87	1.000	0.00	0.50	1.093	1.09	53.8	0.0	46.3
120.8 Bot - Section 4	1.00	1.04	27.969	30.76	233.34	1.000	0.00	0.33	0.719	0.72	35.4	0.0	30.4
121.0	1.00	1.04	27.980	30.77	233.07	1.000	0.00	0.17	0.375	0.38	18.5	0.0	26.3
121.5	1.00	1.04	28.013	30.81	232.27	1.000	0.00	0.50	1.101	1.10	54.3	0.0	77.2
122.0	1.00	1.04	28.046	30.85	231.46	1.000	0.00	0.50	1.096	1.10	54.1	0.0	76.9
122.5	1.00	1.04	28.079	30.88	230.66	1.000	0.00	0.50	1.092	1.09	54.0	0.0	76.6
123.0	1.00	1.04	28.112	30.92	229.85	1.000	0.00	0.50	1.087	1.09	53.8	0.0	76.3
123.5	1.00	1.05	28.144	30.95	229.04	1.000	0.00	0.50	1.083	1.08	53.6	0.0	76.0
124.0	1.00	1.05	28.177	30.99	228.23	1.000	0.00	0.50	1.079	1.08	53.5	0.0	75.7
124.5	1.00	1.05	28.209	31.03	227.42	1.000	0.00	0.50	1.074	1.07	53.3	0.0	75.3
125.0 Top - Section 3	1.00	1.05	28.241	31.06	226.61	1.000	0.00	0.50	1.063	1.06	52.8	0.0	74.5
125.0	1.00	1.05	28.242	31.06	230.10	1.000	0.00	0.00	0.007	0.01	0.4	0.0	0.2
125.5	1.00	1.05	28.274	31.10	229.29	1.000	0.00	0.50	1.065	1.07	53.0	0.0	30.3
126.0	1.00	1.05	28.306	31.13	228.48	1.000	0.00	0.50	1.061	1.06	52.9	0.0	30.2
126.5	1.00	1.05	28.338	31.17	227.66	1.000	0.00	0.50	1.057	1.06	52.7	0.0	30.0
127.0	1.00	1.05	28.370	31.20	226.84	1.000	0.00	0.50	1.052	1.05	52.5	0.0	29.9
127.5	1.00	1.05	28.402	31.24	226.02	1.000	0.00	0.50	1.048	1.05	52.4	0.0	29.8
128.0	1.00	1.06	28.434	31.27	225.20	1.000	0.00	0.50	1.044	1.04	52.2	0.0	29.7
128.5	1.00	1.06	28.465	31.31	224.38	1.000	0.00	0.50	1.039	1.04	52.1	0.0	29.5
129.0	1.00	1.06	28.497	31.34	223.56	1.000	0.00	0.50	1.035	1.03	51.9	0.0	29.4
129.5	1.00	1.06	28.528	31.38	222.73	1.000	0.00	0.50	1.030	1.03	51.7	0.0	29.3
130.0	1.00	1.06	28.560	31.41	221.91	1.000	0.00	0.50	1.026	1.03	51.6	0.0	29.2
130.5	1.00	1.06	28.591	31.45	221.08	1.000	0.00	0.50	1.022	1.02	51.4	0.0	29.0
131.0	1.00	1.06	28.622	31.48	220.25	1.000	0.00	0.50	1.017	1.02	51.2	0.0	28.9
131.5	1.00	1.06	28.654	31.51	219.42	1.000	0.00	0.50	1.013	1.01	51.1	0.0	28.8
132.0	1.00	1.07	28.685	31.55	218.59	1.000	0.00	0.50	1.009	1.01	50.9	0.0	28.7
132.5	1.00	1.07	28.716	31.58	217.75	1.000	0.00	0.50	1.004	1.00	50.8	0.0	28.5
133.0	1.00	1.07	28.747	31.62	216.92	1.000	0.00	0.50	1.000	1.00	50.6	0.0	28.4
133.5	1.00	1.07	28.777	31.65	216.08	1.000	0.00	0.50	0.995	1.00	50.4	0.0	28.3
134.0	1.00	1.07	28.808	31.68	215.24	1.000	0.00	0.50	0.991	0.99	50.2	0.0	28.2
134.5	1.00	1.07	28.839	31.72	214.41	1.000	0.00	0.50	0.987	0.99	50.1	0.0	28.0
135.0	1.00	1.07	28.869	31.75	213.57	1.000	0.00	0.50	0.982	0.98	49.9	0.0	27.9
135.5	1.00	1.07	28.900	31.79	212.72	1.000	0.00	0.50	0.978	0.98	49.7	0.0	27.8
136.0	1.00	1.07	28.930	31.82	211.88	1.000	0.00	0.50	0.974	0.97	49.6	0.0	27.7
136.5	1.00	1.08	28.961	31.85	211.04	1.000	0.00	0.50	0.969	0.97	49.4	0.0	27.5

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

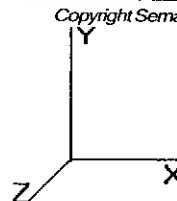
137.0		1.00	1.08	28.991	31.89	210.19	1.000	0.00	0.50	0.965	0.96	49.2	0.0	27.4
137.5	Appertunance(s)	1.00	1.08	29.021	31.92	209.34	1.000	0.00	0.50	0.960	0.96	49.1	0.0	27.3
138.0		1.00	1.08	29.051	31.95	208.49	1.000	0.00	0.50	0.956	0.96	48.9	0.0	27.2
138.5		1.00	1.08	29.081	31.99	207.64	1.000	0.00	0.50	0.952	0.95	48.7	0.0	27.0
139.0		1.00	1.08	29.111	32.02	206.79	1.000	0.00	0.50	0.947	0.95	48.5	0.0	26.9
139.5		1.00	1.08	29.141	32.05	205.94	1.000	0.00	0.50	0.943	0.94	48.4	0.0	26.8
140.0		1.00	1.08	29.171	32.08	205.09	1.000	0.00	0.50	0.939	0.94	48.2	0.0	26.7
140.5		1.00	1.08	29.201	32.12	204.23	1.000	0.00	0.50	0.934	0.93	48.0	0.0	26.5
141.0		1.00	1.09	29.230	32.15	203.38	1.000	0.00	0.50	0.930	0.93	47.8	0.0	26.4
141.5		1.00	1.09	29.260	32.18	202.52	1.000	0.00	0.50	0.925	0.93	47.7	0.0	26.3
142.0		1.00	1.09	29.289	32.21	201.66	1.000	0.00	0.50	0.921	0.92	47.5	0.0	26.2
142.5		1.00	1.09	29.319	32.25	200.80	1.000	0.00	0.50	0.917	0.92	47.3	0.0	26.0
143.0		1.00	1.09	29.348	32.28	199.94	1.000	0.00	0.50	0.912	0.91	47.1	0.0	25.9
143.5		1.00	1.09	29.378	32.31	199.08	1.000	0.00	0.50	0.908	0.91	46.9	0.0	25.8
144.0		1.00	1.09	29.407	32.34	198.21	1.000	0.00	0.50	0.903	0.90	46.8	0.0	25.7
144.5		1.00	1.09	29.436	32.37	197.35	1.000	0.00	0.50	0.899	0.90	46.6	0.0	25.5
145.0		1.00	1.09	29.465	32.41	196.48	1.000	0.00	0.50	0.895	0.89	46.4	0.0	25.4
145.5		1.00	1.10	29.494	32.44	195.61	1.000	0.00	0.50	0.890	0.89	46.2	0.0	25.3
146.0		1.00	1.10	29.523	32.47	194.74	1.000	0.00	0.50	0.886	0.89	46.0	0.0	25.2
146.5		1.00	1.10	29.552	32.50	193.87	1.000	0.00	0.50	0.882	0.88	45.9	0.0	25.0
147.0		1.00	1.10	29.581	32.53	193.00	1.000	0.00	0.50	0.877	0.88	45.7	0.0	24.9
147.5	Appertunance(s)	1.00	1.10	29.609	32.57	192.13	1.000	0.00	0.50	0.873	0.87	45.5	0.0	24.8
148.0		1.00	1.10	29.638	32.60	191.26	1.000	0.00	0.50	0.868	0.87	45.3	0.0	24.7
148.5		1.00	1.10	29.666	32.63	190.38	1.000	0.00	0.50	0.864	0.86	45.1	0.0	24.5
149.0		1.00	1.10	29.695	32.66	189.50	1.000	0.00	0.50	0.860	0.86	44.9	0.0	24.4
149.5		1.00	1.10	29.723	32.69	188.63	1.000	0.00	0.50	0.855	0.86	44.7	0.0	24.3
150.0		1.00	1.11	29.752	32.72	187.75	1.000	0.00	0.50	0.851	0.85	44.6	0.0	24.1
150.5		1.00	1.11	29.780	32.75	186.87	1.000	0.00	0.50	0.847	0.85	44.4	0.0	24.0
151.0		1.00	1.11	29.808	32.78	185.99	1.000	0.00	0.50	0.842	0.84	44.2	0.0	23.9
151.5		1.00	1.11	29.836	32.82	185.11	1.000	0.00	0.50	0.838	0.84	44.0	0.0	23.8
152.0		1.00	1.11	29.865	32.85	184.22	1.000	0.00	0.50	0.833	0.83	43.8	0.0	23.6
152.5		1.00	1.11	29.893	32.88	183.34	1.000	0.00	0.50	0.829	0.83	43.6	0.0	23.5
153.0		1.00	1.11	29.921	32.91	182.45	1.000	0.00	0.50	0.825	0.82	43.4	0.0	23.4
153.5		1.00	1.11	29.948	32.94	181.57	1.000	0.00	0.50	0.820	0.82	43.2	0.0	23.3
154.0		1.00	1.11	29.976	32.97	180.68	1.000	0.00	0.50	0.816	0.82	43.0	0.0	23.1
154.5		1.00	1.11	30.004	33.00	179.79	1.000	0.00	0.50	0.812	0.81	42.9	0.0	23.0
155.0		1.00	1.12	30.032	33.03	178.90	1.000	0.00	0.50	0.807	0.81	42.7	0.0	22.9
155.5		1.00	1.12	30.059	33.06	178.01	1.000	0.00	0.50	0.803	0.80	42.5	0.0	22.8
156.0		1.00	1.12	30.087	33.09	177.12	1.000	0.00	0.50	0.798	0.80	42.3	0.0	22.6
156.5		1.00	1.12	30.115	33.12	176.22	1.000	0.00	0.50	0.794	0.79	42.1	0.0	22.5
157.0		1.00	1.12	30.142	33.15	175.33	1.000	0.00	0.50	0.790	0.79	41.9	0.0	22.4
157.5		1.00	1.12	30.169	33.18	174.43	1.000	0.00	0.50	0.785	0.79	41.7	0.0	22.3
158.0		1.00	1.12	30.197	33.21	173.54	1.000	0.00	0.50	0.781	0.78	41.5	0.0	22.1
158.5		1.00	1.12	30.224	33.24	172.64	1.000	0.00	0.50	0.777	0.78	41.3	0.0	22.0
159.0		1.00	1.12	30.251	33.27	171.74	1.000	0.00	0.50	0.772	0.77	41.1	0.0	21.9
159.5		1.00	1.12	30.278	33.30	170.84	1.000	0.00	0.50	0.768	0.77	40.9	0.0	21.8
160.0	Top - Section 4	1.00	1.13	30.305	33.33	169.94	1.000	0.00	0.50	0.763	0.76	40.7	0.0	21.6
160.5		1.00	1.13	30.332	33.36	80.932	1.000	0.00	0.50	0.362	0.36	19.3	0.0	32.8
161.0		1.00	1.13	30.359	33.39	80.968	1.000	0.00	0.50	0.362	0.36	19.4	0.0	32.8
161.5		1.00	1.13	30.386	33.42	81.004	1.000	0.00	0.50	0.362	0.36	19.4	0.0	32.8
162.0	Appertunance(s)	1.00	1.13	30.413	33.45	81.040	1.000	0.00	0.50	0.362	0.36	19.4	0.0	32.8
162.5		1.00	1.13	30.440	33.48	81.075	1.000	0.00	0.50	0.362	0.36	19.4	0.0	32.8
163.0		1.00	1.13	30.467	33.51	81.111	1.000	0.00	0.50	0.362	0.36	19.4	0.0	32.8
163.5		1.00	1.13	30.493	33.54	81.147	1.000	0.00	0.50	0.362	0.36	19.4	0.0	32.8
164.0		1.00	1.13	30.520	33.57	81.182	1.000	0.00	0.50	0.362	0.36	19.5	0.0	32.8
164.5		1.00	1.13	30.547	33.60	81.217	1.000	0.00	0.50	0.362	0.36	19.5	0.0	32.8
165.0		1.00	1.14	30.573	33.63	81.253	1.000	0.00	0.50	0.362	0.36	19.5	0.0	32.8

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

165.5		1.00	1.14	30.600	33.65	81.288	1.000	0.00	0.50	0.362	0.36	19.5	0.0	32.8
166.0		1.00	1.14	30.626	33.68	81.323	1.000	0.00	0.50	0.362	0.36	19.5	0.0	32.8
166.5		1.00	1.14	30.652	33.71	81.358	1.000	0.00	0.50	0.362	0.36	19.5	0.0	32.8
167.0		1.00	1.14	30.678	33.74	81.392	1.000	0.00	0.50	0.362	0.36	19.6	0.0	32.8
167.5		1.00	1.14	30.705	33.77	81.427	1.000	0.00	0.50	0.362	0.36	19.6	0.0	32.8
168.0		1.00	1.14	30.731	33.80	81.462	1.000	0.00	0.50	0.362	0.36	19.6	0.0	32.8
168.5		1.00	1.14	30.757	33.83	81.497	1.000	0.00	0.50	0.362	0.36	19.6	0.0	32.8
169.0		1.00	1.14	30.783	33.86	81.531	1.000	0.00	0.50	0.362	0.36	19.6	0.0	32.8
169.5		1.00	1.14	30.809	33.89	81.565	1.000	0.00	0.50	0.362	0.36	19.6	0.0	32.8
170.0	Appertunance(s)	1.00	1.15	30.835	33.91	81.600	1.000	0.00	0.50	0.362	0.36	19.7	0.0	32.8
170.5		1.00	1.15	30.861	33.94	81.634	1.000	0.00	0.50	0.362	0.36	19.7	0.0	32.8
171.0		1.00	1.15	30.887	33.97	81.668	1.000	0.00	0.50	0.362	0.36	19.7	0.0	32.8
171.5		1.00	1.15	30.912	34.00	81.702	1.000	0.00	0.50	0.362	0.36	19.7	0.0	32.8
172.0		1.00	1.15	30.938	34.03	81.736	1.000	0.00	0.50	0.362	0.36	19.7	0.0	32.8
172.5		1.00	1.15	30.964	34.06	81.770	1.000	0.00	0.50	0.362	0.36	19.7	0.0	32.8
173.0		1.00	1.15	30.989	34.08	81.804	1.000	0.00	0.50	0.362	0.36	19.8	0.0	32.8
Totals:								173.00				19,282.0	0.0	25,887.7

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

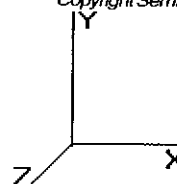
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
137.5	Flat Low Profile Pla	1	29.021	31.923	0.90	1.00	23.49	0.000	0.000	1,199.81	0.00	0.00	1,800.00
137.5	48" x 12" Panels	9	29.021	31.923	0.54	0.80	27.01	0.000	0.000	1,379.82	0.00	0.00	324.00
137.5	72" x 12" Panels	3	29.021	31.923	0.54	0.80	13.51	0.000	0.000	689.91	0.00	0.00	144.00
148.0	Andrew LNX-6514DS-	2	29.638	32.602	0.50	0.75	8.37	0.000	0.000	436.69	0.00	0.00	79.44
148.0	Powerwave P65-16-XL	1	29.638	32.602	0.47	0.75	3.97	0.000	0.000	207.03	0.00	0.00	39.60
148.0	Flat Platform with H	1	29.638	32.602	1.00	1.00	42.40	0.000	0.000	2,211.69	0.00	0.00	2,400.00
148.0	Decibel DB844H80E-	6	29.638	32.602	0.53	0.75	11.92	0.000	0.000	621.64	0.00	0.00	100.80
148.0	Decibel 948F85T2E-M	6	29.638	32.602	0.50	0.75	9.85	0.000	0.000	513.80	0.00	0.00	61.20
162.0	CSS DUO4-8670	6	30.413	33.455	0.47	0.75	18.39	0.000	0.000	984.16	0.00	0.00	201.60
162.0	ADC DD800	6	30.413	33.455	0.38	0.75	2.52	0.000	0.000	134.89	0.00	0.00	206.64
162.0	Flat Platform with H	1	30.413	33.455	1.00	1.00	42.40	0.000	0.000	2,269.55	0.00	0.00	2,400.00
170.0	Allgon 7250.02	3	30.835	33.918	0.64	1.00	7.35	0.000	0.000	399.08	0.00	0.00	54.00
										11,048.06			7,811.28

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Applied Segment Forces Summary

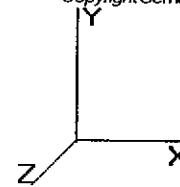
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
0.50	69.04	128.23	0.00	0.00
1.00	68.89	127.96	0.00	0.00
1.50	68.75	127.69	0.00	0.00
2.00	68.60	127.42	0.00	0.00
2.50	68.46	127.15	0.00	0.00
3.00	68.31	132.10	0.00	0.00
3.50	68.17	131.83	0.00	0.00
4.00	68.03	131.56	0.00	0.00
4.50	67.88	131.28	0.00	0.00
5.00	67.74	131.01	0.00	0.00
5.50	67.59	130.74	0.00	0.00
6.00	67.45	130.47	0.00	0.00
6.50	67.30	130.20	0.00	0.00
7.00	67.16	129.93	0.00	0.00
7.50	67.01	129.66	0.00	0.00
8.00	66.87	129.39	0.00	0.00
8.50	66.72	142.40	0.00	0.00
9.00	66.58	142.13	0.00	0.00
9.50	66.43	141.86	0.00	0.00
10.00	66.29	141.59	0.00	0.00
10.50	66.14	141.32	0.00	0.00
11.00	66.00	141.05	0.00	0.00
11.50	65.86	140.77	0.00	0.00
12.00	65.71	140.50	0.00	0.00
12.50	65.57	140.23	0.00	0.00
13.00	65.42	139.96	0.00	0.00
13.50	65.28	139.69	0.00	0.00
14.00	65.13	139.42	0.00	0.00
14.50	64.99	139.15	0.00	0.00
15.00	64.84	138.88	0.00	0.00
15.50	64.70	138.61	0.00	0.00
16.00	64.55	138.34	0.00	0.00
16.50	64.41	138.07	0.00	0.00
17.00	64.26	137.79	0.00	0.00
17.50	64.12	137.52	0.00	0.00
18.00	63.98	137.25	0.00	0.00
18.50	63.83	136.98	0.00	0.00
19.00	63.69	136.71	0.00	0.00
19.50	63.54	136.44	0.00	0.00
20.00	63.40	136.17	0.00	0.00
20.50	63.25	135.90	0.00	0.00
21.00	63.11	135.63	0.00	0.00
21.50	62.96	135.36	0.00	0.00
22.00	62.82	135.09	0.00	0.00
22.50	62.67	134.81	0.00	0.00
23.00	62.53	134.54	0.00	0.00
23.50	62.38	134.27	0.00	0.00
24.00	62.24	134.00	0.00	0.00
24.50	62.10	133.73	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
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Code: ANSI/TIA-222 Rev G
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 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

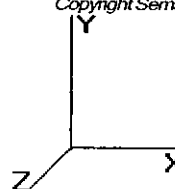
25.00	61.95	133.46	0.00	0.00
25.50	61.81	133.19	0.00	0.00
26.00	61.66	132.92	0.00	0.00
26.50	61.52	132.65	0.00	0.00
27.00	61.37	132.38	0.00	0.00
27.50	61.23	132.11	0.00	0.00
28.00	61.08	131.83	0.00	0.00
28.50	60.94	131.56	0.00	0.00
29.00	60.79	131.29	0.00	0.00
29.50	60.65	131.02	0.00	0.00
30.00	60.56	130.75	0.00	0.00
30.50	60.70	130.48	0.00	0.00
31.00	60.83	130.21	0.00	0.00
31.50	60.96	129.94	0.00	0.00
32.00	61.09	129.67	0.00	0.00
32.50	61.22	129.40	0.00	0.00
33.00	61.33	129.12	0.00	0.00
33.50	61.45	128.85	0.00	0.00
34.00	61.56	128.58	0.00	0.00
34.50	61.67	128.31	0.00	0.00
35.00	61.77	128.04	0.00	0.00
35.50	61.87	127.77	0.00	0.00
36.00	61.96	127.50	0.00	0.00
36.50	62.05	127.23	0.00	0.00
37.00	62.14	126.96	0.00	0.00
37.50	62.23	126.69	0.00	0.00
38.00	62.31	126.42	0.00	0.00
38.50	62.39	126.14	0.00	0.00
39.00	62.46	125.87	0.00	0.00
39.50	62.53	125.60	0.00	0.00
40.00	62.60	125.33	0.00	0.00
40.50	62.66	125.06	0.00	0.00
41.00	62.73	124.79	0.00	0.00
41.50	62.79	124.52	0.00	0.00
42.00	62.84	124.25	0.00	0.00
42.50	62.89	123.98	0.00	0.00
43.00	62.94	123.71	0.00	0.00
43.50	62.99	123.44	0.00	0.00
43.58	10.49	20.55	0.00	0.00
44.00	53.43	177.92	0.00	0.00
44.50	64.18	213.04	0.00	0.00
45.00	64.22	212.54	0.00	0.00
45.50	64.26	212.04	0.00	0.00
46.00	64.30	211.54	0.00	0.00
46.50	64.33	211.04	0.00	0.00
47.00	64.36	210.54	0.00	0.00
47.50	64.39	210.04	0.00	0.00
48.00	64.42	209.54	0.00	0.00
48.50	64.45	209.04	0.00	0.00
49.00	64.47	208.54	0.00	0.00
49.50	64.49	208.04	0.00	0.00
50.00	64.51	106.12	0.00	0.00
50.50	64.52	105.89	0.00	0.00
51.00	64.54	105.66	0.00	0.00
51.50	64.55	105.43	0.00	0.00
52.00	64.56	105.21	0.00	0.00
52.50	64.56	104.98	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
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Code: ANSI/TIA-222 Rev G
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 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

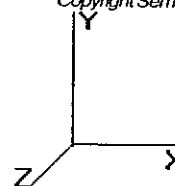
53.00	64.57	104.75	0.00	0.00
53.50	64.57	104.52	0.00	0.00
54.00	64.57	104.29	0.00	0.00
54.50	64.57	104.06	0.00	0.00
55.00	64.57	103.83	0.00	0.00
55.50	64.56	103.60	0.00	0.00
56.00	64.55	103.37	0.00	0.00
56.50	64.54	103.14	0.00	0.00
57.00	64.53	102.91	0.00	0.00
57.50	64.52	102.68	0.00	0.00
58.00	64.50	102.45	0.00	0.00
58.50	64.49	102.22	0.00	0.00
59.00	64.47	101.99	0.00	0.00
59.50	64.45	101.76	0.00	0.00
60.00	64.43	101.53	0.00	0.00
60.50	64.40	101.30	0.00	0.00
61.00	64.38	101.07	0.00	0.00
61.50	64.35	100.84	0.00	0.00
62.00	64.32	100.61	0.00	0.00
62.50	64.29	100.38	0.00	0.00
63.00	64.26	100.16	0.00	0.00
63.50	64.22	99.93	0.00	0.00
64.00	64.19	99.70	0.00	0.00
64.50	64.15	99.47	0.00	0.00
65.00	64.11	99.24	0.00	0.00
65.50	64.07	99.01	0.00	0.00
66.00	64.03	98.78	0.00	0.00
66.50	63.99	98.55	0.00	0.00
67.00	63.94	98.32	0.00	0.00
67.50	63.89	98.09	0.00	0.00
68.00	63.85	97.86	0.00	0.00
68.50	63.80	97.63	0.00	0.00
69.00	63.75	97.40	0.00	0.00
69.50	63.69	97.17	0.00	0.00
70.00	63.64	96.94	0.00	0.00
70.50	63.58	96.71	0.00	0.00
71.00	63.53	96.48	0.00	0.00
71.50	63.47	96.25	0.00	0.00
72.00	63.41	96.02	0.00	0.00
72.50	63.35	95.79	0.00	0.00
73.00	63.29	95.56	0.00	0.00
73.50	63.22	95.33	0.00	0.00
74.00	63.16	95.11	0.00	0.00
74.50	63.09	94.88	0.00	0.00
75.00	63.03	94.65	0.00	0.00
75.50	62.96	94.42	0.00	0.00
76.00	62.89	94.19	0.00	0.00
76.50	62.82	93.96	0.00	0.00
77.00	62.74	93.73	0.00	0.00
77.50	62.67	93.50	0.00	0.00
78.00	62.59	93.27	0.00	0.00
78.50	62.52	93.04	0.00	0.00
79.00	62.44	92.81	0.00	0.00
79.50	62.36	92.58	0.00	0.00
80.00	62.28	92.35	0.00	0.00
80.50	62.20	92.12	0.00	0.00
81.00	62.12	91.89	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
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 Topographic Category : 1

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Wind Importance Factor : 1.00

81.50	62.04	91.66	0.00	0.00
82.00	61.95	91.43	0.00	0.00
82.50	61.87	91.20	0.00	0.00
83.00	61.78	90.97	0.00	0.00
83.50	61.69	90.74	0.00	0.00
84.00	61.60	90.51	0.00	0.00
84.50	61.51	90.28	0.00	0.00
85.00	61.42	90.06	0.00	0.00
85.50	61.33	89.83	0.00	0.00
86.00	61.24	89.60	0.00	0.00
86.09	10.60	15.51	0.00	0.00
86.50	51.43	122.65	0.00	0.00
87.00	62.13	147.99	0.00	0.00
87.50	62.04	147.57	0.00	0.00
88.00	61.94	147.16	0.00	0.00
88.50	61.85	146.74	0.00	0.00
89.00	61.75	146.32	0.00	0.00
89.50	61.65	145.91	0.00	0.00
90.00	61.55	145.49	0.00	0.00
90.50	61.45	145.07	0.00	0.00
91.00	61.35	144.65	0.00	0.00
91.00	0.41	0.96	0.00	0.00
91.50	60.83	75.16	0.00	0.00
92.00	61.14	75.48	0.00	0.00
92.50	61.03	75.29	0.00	0.00
93.00	60.93	75.11	0.00	0.00
93.50	60.82	74.92	0.00	0.00
94.00	60.71	74.73	0.00	0.00
94.50	60.60	74.54	0.00	0.00
95.00	60.49	74.36	0.00	0.00
95.50	60.38	74.17	0.00	0.00
96.00	60.27	73.98	0.00	0.00
96.50	60.16	73.79	0.00	0.00
97.00	60.05	73.61	0.00	0.00
97.50	59.93	73.42	0.00	0.00
98.00	59.82	73.23	0.00	0.00
98.50	59.70	73.04	0.00	0.00
99.00	59.58	72.86	0.00	0.00
99.50	59.46	72.67	0.00	0.00
100.0	59.35	72.48	0.00	0.00
100.5	59.23	72.29	0.00	0.00
101.0	59.11	72.11	0.00	0.00
101.5	58.98	71.92	0.00	0.00
102.0	58.86	71.73	0.00	0.00
102.5	58.74	71.54	0.00	0.00
103.0	58.61	71.36	0.00	0.00
103.5	58.49	71.17	0.00	0.00
104.0	58.36	70.98	0.00	0.00
104.5	58.24	70.79	0.00	0.00
105.0	58.11	70.61	0.00	0.00
105.5	57.98	70.42	0.00	0.00
106.0	57.85	70.23	0.00	0.00
106.5	57.72	70.04	0.00	0.00
107.0	57.59	69.86	0.00	0.00
107.5	57.46	69.67	0.00	0.00
108.0	57.33	69.48	0.00	0.00
108.5	57.19	69.29	0.00	0.00

Pole : 302524
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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

109.0	57.06	69.11	0.00	0.00
109.5	56.92	68.92	0.00	0.00
110.0	56.79	68.73	0.00	0.00
110.5	56.65	68.54	0.00	0.00
111.0	56.51	68.36	0.00	0.00
111.5	56.38	68.17	0.00	0.00
112.0	56.24	67.98	0.00	0.00
112.5	56.10	67.79	0.00	0.00
113.0	55.96	67.61	0.00	0.00
113.5	55.82	67.42	0.00	0.00
114.0	55.67	67.23	0.00	0.00
114.5	55.53	67.04	0.00	0.00
115.0	55.39	66.86	0.00	0.00
115.5	55.24	66.67	0.00	0.00
116.0	55.10	66.48	0.00	0.00
116.5	54.95	66.29	0.00	0.00
117.0	54.81	66.11	0.00	0.00
117.5	54.66	65.92	0.00	0.00
118.0	54.51	65.73	0.00	0.00
118.5	54.36	65.54	0.00	0.00
119.0	54.22	65.36	0.00	0.00
119.5	54.07	65.17	0.00	0.00
120.0	53.92	64.98	0.00	0.00
120.5	53.76	64.79	0.00	0.00
120.8	35.38	42.65	0.00	0.00
121.0	18.49	32.64	0.00	0.00
121.5	54.26	95.72	0.00	0.00
122.0	54.11	95.40	0.00	0.00
122.5	53.95	95.09	0.00	0.00
123.0	53.80	94.78	0.00	0.00
123.5	53.65	94.47	0.00	0.00
124.0	53.49	94.15	0.00	0.00
124.5	53.33	93.84	0.00	0.00
125.0	52.81	92.89	0.00	0.00
125.0	0.36	0.34	0.00	0.00
125.5	53.02	48.80	0.00	0.00
126.0	52.86	48.67	0.00	0.00
126.5	52.70	48.55	0.00	0.00
127.0	52.54	48.42	0.00	0.00
127.5	52.39	48.30	0.00	0.00
128.0	52.22	48.17	0.00	0.00
128.5	52.06	48.04	0.00	0.00
129.0	51.90	47.92	0.00	0.00
129.5	51.74	47.79	0.00	0.00
130.0	51.58	47.67	0.00	0.00
130.5	51.41	47.54	0.00	0.00
131.0	51.25	47.42	0.00	0.00
131.5	51.08	47.29	0.00	0.00
132.0	50.92	47.17	0.00	0.00
132.5	50.75	47.04	0.00	0.00
133.0	50.58	46.92	0.00	0.00
133.5	50.42	46.79	0.00	0.00
134.0	50.25	46.66	0.00	0.00
134.5	50.08	46.54	0.00	0.00
135.0	49.91	46.41	0.00	0.00
135.5	49.74	46.29	0.00	0.00
136.0	49.57	46.16	0.00	0.00

Pole : 302524
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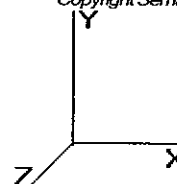
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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

136.5	49.40	46.04	0.00	0.00
137.0	49.23	45.91	0.00	0.00
137.5	3,318.60	2,313.79	0.00	0.00
138.0	48.88	39.76	0.00	0.00
138.5	48.71	39.63	0.00	0.00
139.0	48.53	39.51	0.00	0.00
139.5	48.36	39.38	0.00	0.00
140.0	48.18	39.26	0.00	0.00
140.5	48.01	39.13	0.00	0.00
141.0	47.83	39.01	0.00	0.00
141.5	47.65	38.88	0.00	0.00
142.0	47.48	38.75	0.00	0.00
142.5	47.30	38.63	0.00	0.00
143.0	47.12	38.50	0.00	0.00
143.5	46.94	38.38	0.00	0.00
144.0	46.76	38.25	0.00	0.00
144.5	46.58	38.13	0.00	0.00
145.0	46.40	38.00	0.00	0.00
145.5	46.22	37.88	0.00	0.00
146.0	46.04	37.75	0.00	0.00
146.5	45.85	37.63	0.00	0.00
147.0	45.67	37.50	0.00	0.00
147.5	45.49	37.37	0.00	0.00
148.0	4,036.15	2,718.29	0.00	0.00
148.5	45.12	29.74	0.00	0.00
149.0	44.93	29.62	0.00	0.00
149.5	44.74	29.49	0.00	0.00
150.0	44.56	29.37	0.00	0.00
150.5	44.37	29.24	0.00	0.00
151.0	44.18	29.12	0.00	0.00
151.5	44.00	28.99	0.00	0.00
152.0	43.81	28.87	0.00	0.00
152.5	43.62	28.74	0.00	0.00
153.0	43.43	28.62	0.00	0.00
153.5	43.24	28.49	0.00	0.00
154.0	43.05	28.36	0.00	0.00
154.5	42.86	28.24	0.00	0.00
155.0	42.66	28.11	0.00	0.00
155.5	42.47	27.99	0.00	0.00
156.0	42.28	27.86	0.00	0.00
156.5	42.08	27.74	0.00	0.00
157.0	41.89	27.61	0.00	0.00
157.5	41.70	27.49	0.00	0.00
158.0	41.50	27.36	0.00	0.00
158.5	41.31	27.24	0.00	0.00
159.0	41.11	27.11	0.00	0.00
159.5	40.91	26.98	0.00	0.00
160.0	40.71	26.85	0.00	0.00
160.5	19.35	38.06	0.00	0.00
161.0	19.36	38.06	0.00	0.00
161.5	19.38	38.06	0.00	0.00
162.0	3,407.99	2,846.30	0.00	0.00
162.5	19.41	35.79	0.00	0.00
163.0	19.43	35.79	0.00	0.00
163.5	19.45	35.79	0.00	0.00
164.0	19.46	35.79	0.00	0.00
164.5	19.48	35.79	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

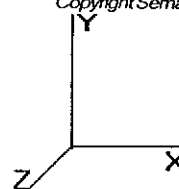
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

165.0	19.50	35.79	0.00	0.00
165.5	19.51	35.79	0.00	0.00
166.0	19.53	35.79	0.00	0.00
166.5	19.55	35.79	0.00	0.00
167.0	19.56	35.79	0.00	0.00
167.5	19.58	35.79	0.00	0.00
168.0	19.60	35.79	0.00	0.00
168.5	19.61	35.79	0.00	0.00
169.0	19.63	35.79	0.00	0.00
169.5	19.65	35.79	0.00	0.00
170.0	418.74	89.79	0.00	0.00
170.5	19.68	32.84	0.00	0.00
171.0	19.70	32.84	0.00	0.00
171.5	19.71	32.84	0.00	0.00
172.0	19.73	32.84	0.00	0.00
172.5	19.75	32.84	0.00	0.00
173.0	19.76	32.84	0.00	0.00
Totals:	30,330.10	39,006.27	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

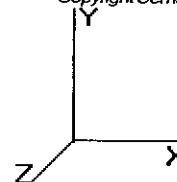
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Calculated Forces

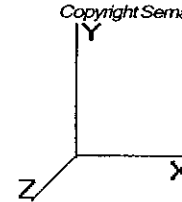
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-39.00	-30.34	0.00	-3,342.64	0.00	3,342.64	3,674.33	1,837.16	7,291.06	3,600.78	0.00	0.00	0.939
0.50	-38.86	-30.29	0.00	-3,327.47	0.00	3,327.47	3,670.29	1,835.14	7,267.54	3,589.16	0.00	-0.03	0.938
1.00	-38.72	-30.24	0.00	-3,312.33	0.00	3,312.33	3,662.62	1,831.31	7,236.89	3,574.03	0.01	-0.05	0.938
1.50	-38.57	-30.18	0.00	-3,297.22	0.00	3,297.22	3,654.86	1,827.43	7,206.12	3,558.83	0.01	-0.08	0.937
2.00	-38.43	-30.13	0.00	-3,282.12	0.00	3,282.12	3,647.09	1,823.55	7,175.41	3,543.67	0.02	-0.10	0.937
2.50	-38.29	-30.08	0.00	-3,267.06	0.00	3,267.06	3,639.33	1,819.67	7,144.77	3,528.53	0.03	-0.13	0.937
3.00	-38.15	-30.03	0.00	-3,252.02	0.00	3,252.02	3,631.57	1,815.78	7,114.19	3,513.43	0.05	-0.15	0.936
3.50	-38.00	-29.98	0.00	-3,237.00	0.00	3,237.00	3,623.81	1,811.90	7,083.68	3,498.37	0.07	-0.18	0.936
4.00	-37.86	-29.93	0.00	-3,222.02	0.00	3,222.02	3,616.04	1,808.02	7,053.24	3,483.33	0.09	-0.21	0.936
4.50	-37.71	-29.87	0.00	-3,207.05	0.00	3,207.05	3,608.28	1,804.14	7,022.86	3,468.33	0.11	-0.23	0.935
5.00	-37.57	-29.82	0.00	-3,192.12	0.00	3,192.12	3,600.52	1,800.26	6,992.55	3,453.36	0.14	-0.26	0.935
5.50	-37.42	-29.77	0.00	-3,177.20	0.00	3,177.20	3,592.76	1,796.38	6,962.30	3,438.42	0.17	-0.28	0.935
6.00	-37.28	-29.72	0.00	-3,162.32	0.00	3,162.32	3,584.99	1,792.50	6,932.12	3,423.51	0.20	-0.31	0.934
6.50	-37.14	-29.67	0.00	-3,147.46	0.00	3,147.46	3,577.23	1,788.62	6,902.00	3,408.64	0.23	-0.34	0.934
7.00	-36.99	-29.62	0.00	-3,132.62	0.00	3,132.62	3,569.47	1,784.73	6,871.95	3,393.80	0.27	-0.36	0.934
7.50	-36.85	-29.57	0.00	-3,117.81	0.00	3,117.81	3,561.71	1,780.85	6,841.97	3,378.99	0.31	-0.39	0.933
8.00	-36.71	-29.52	0.00	-3,103.03	0.00	3,103.03	3,553.94	1,776.97	6,812.05	3,364.21	0.35	-0.41	0.933
8.50	-36.55	-29.47	0.00	-3,088.27	0.00	3,088.27	3,546.18	1,773.09	6,782.20	3,349.47	0.39	-0.44	0.933
9.00	-36.40	-29.42	0.00	-3,073.54	0.00	3,073.54	3,538.42	1,769.21	6,752.41	3,334.76	0.44	-0.47	0.932
9.50	-36.24	-29.36	0.00	-3,058.83	0.00	3,058.83	3,530.65	1,765.33	6,722.68	3,320.08	0.49	-0.49	0.932
10.00	-36.09	-29.31	0.00	-3,044.15	0.00	3,044.15	3,522.89	1,761.45	6,693.03	3,305.43	0.55	-0.52	0.931
10.50	-35.94	-29.26	0.00	-3,029.49	0.00	3,029.49	3,515.13	1,757.56	6,663.43	3,290.82	0.60	-0.55	0.931
11.00	-35.78	-29.21	0.00	-3,014.86	0.00	3,014.86	3,507.37	1,753.68	6,633.91	3,276.24	0.66	-0.57	0.931
11.50	-35.63	-29.16	0.00	-3,000.26	0.00	3,000.26	3,499.60	1,749.80	6,604.45	3,261.69	0.72	-0.60	0.930
12.00	-35.47	-29.11	0.00	-2,985.68	0.00	2,985.68	3,491.84	1,745.92	6,575.05	3,247.17	0.79	-0.63	0.930
12.50	-35.32	-29.06	0.00	-2,971.12	0.00	2,971.12	3,484.08	1,742.04	6,545.72	3,232.69	0.85	-0.65	0.930
13.00	-35.17	-29.01	0.00	-2,956.59	0.00	2,956.59	3,476.32	1,738.16	6,516.46	3,218.23	0.92	-0.68	0.929
13.50	-35.02	-28.96	0.00	-2,942.09	0.00	2,942.09	3,468.55	1,734.28	6,487.26	3,203.81	1.00	-0.71	0.929
14.00	-34.86	-28.91	0.00	-2,927.61	0.00	2,927.61	3,460.79	1,730.40	6,458.13	3,189.43	1.07	-0.73	0.928
14.50	-34.71	-28.86	0.00	-2,913.15	0.00	2,913.15	3,453.03	1,726.51	6,429.06	3,175.07	1.15	-0.76	0.928
15.00	-34.56	-28.81	0.00	-2,898.73	0.00	2,898.73	3,445.27	1,722.63	6,400.06	3,160.75	1.23	-0.79	0.927
15.50	-34.41	-28.76	0.00	-2,884.32	0.00	2,884.32	3,437.50	1,718.75	6,371.12	3,146.46	1.32	-0.81	0.927
16.00	-34.26	-28.71	0.00	-2,869.95	0.00	2,869.95	3,429.74	1,714.87	6,342.25	3,132.20	1.40	-0.84	0.927
16.50	-34.11	-28.66	0.00	-2,855.59	0.00	2,855.59	3,421.98	1,710.99	6,313.45	3,117.98	1.49	-0.87	0.926
17.00	-33.96	-28.61	0.00	-2,841.26	0.00	2,841.26	3,414.22	1,707.11	6,284.71	3,103.78	1.58	-0.90	0.926
17.50	-33.81	-28.56	0.00	-2,826.96	0.00	2,826.96	3,406.45	1,703.23	6,256.04	3,089.62	1.68	-0.92	0.925
18.00	-33.66	-28.51	0.00	-2,812.68	0.00	2,812.68	3,398.69	1,699.35	6,227.43	3,075.49	1.78	-0.95	0.925
18.50	-33.51	-28.45	0.00	-2,798.43	0.00	2,798.43	3,390.93	1,695.46	6,198.88	3,061.40	1.88	-0.98	0.924
19.00	-33.36	-28.40	0.00	-2,784.21	0.00	2,784.21	3,383.17	1,691.58	6,170.41	3,047.33	1.98	-1.00	0.924
19.50	-33.21	-28.35	0.00	-2,770.00	0.00	2,770.00	3,375.40	1,687.70	6,142.00	3,033.30	2.09	-1.03	0.923
20.00	-33.06	-28.30	0.00	-2,755.83	0.00	2,755.83	3,367.64	1,683.82	6,113.65	3,019.30	2.20	-1.06	0.923
20.50	-32.91	-28.25	0.00	-2,741.67	0.00	2,741.67	3,359.88	1,679.94	6,085.37	3,005.34	2.31	-1.09	0.922
21.00	-32.77	-28.20	0.00	-2,727.55	0.00	2,727.55	3,352.12	1,676.06	6,057.16	2,991.40	2.43	-1.11	0.922
21.50	-32.62	-28.15	0.00	-2,713.44	0.00	2,713.44	3,344.35	1,672.18	6,029.01	2,977.50	2.55	-1.14	0.921
22.00	-32.47	-28.10	0.00	-2,699.37	0.00	2,699.37	3,336.59	1,668.30	6,000.92	2,963.63	2.67	-1.17	0.921
22.50	-32.32	-28.06	0.00	-2,685.32	0.00	2,685.32	3,328.83	1,664.41	5,972.90	2,949.79	2.79	-1.20	0.920
23.00	-32.18	-28.01	0.00	-2,671.29	0.00	2,671.29	3,321.07	1,660.53	5,944.95	2,935.99	2.92	-1.22	0.920
23.50	-32.03	-27.96	0.00	-2,657.29	0.00	2,657.29	3,313.30	1,656.65	5,917.07	2,922.22	3.05	-1.25	0.919
24.00	-31.88	-27.91	0.00	-2,643.31	0.00	2,643.31	3,305.54	1,652.77	5,889.24	2,908.48	3.18	-1.28	0.919
24.50	-31.74	-27.86	0.00	-2,629.36	0.00	2,629.36	3,297.78	1,648.89	5,861.49	2,894.77	3.32	-1.31	0.918
25.00	-31.59	-27.81	0.00	-2,615.43	0.00	2,615.43	3,290.02	1,645.01	5,833.80	2,881.09	3.45	-1.34	0.918

Pole : 302524
Location : Beacon Falls, CT
Height : 173.0 (ft)
Shape : 12 Sides
Base Dia : 48.50 (in)
Top Dia : 8.400 (in)
Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

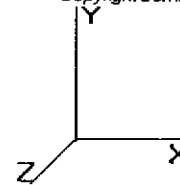
25.50	-31.45	-27.76	0.00	-2,601.53	0.00	2,601.53	3,282.25	1,641.13	5,806.17	2,867.45	3.60	-1.36	0.917
26.00	-31.30	-27.71	0.00	-2,587.65	0.00	2,587.65	3,274.49	1,637.25	5,778.61	2,853.84	3.74	-1.39	0.917
26.50	-31.16	-27.66	0.00	-2,573.79	0.00	2,573.79	3,266.73	1,633.36	5,751.12	2,840.26	3.89	-1.42	0.916
27.00	-31.01	-27.61	0.00	-2,559.96	0.00	2,559.96	3,258.97	1,629.48	5,723.69	2,826.72	4.04	-1.45	0.915
27.50	-30.87	-27.56	0.00	-2,546.16	0.00	2,546.16	3,251.20	1,625.60	5,696.33	2,813.20	4.19	-1.48	0.915
28.00	-30.73	-27.51	0.00	-2,532.38	0.00	2,532.38	3,243.44	1,621.72	5,669.03	2,799.72	4.35	-1.50	0.914
28.50	-30.58	-27.46	0.00	-2,518.63	0.00	2,518.63	3,235.68	1,617.84	5,641.80	2,786.27	4.51	-1.53	0.914
29.00	-30.44	-27.41	0.00	-2,504.90	0.00	2,504.90	3,227.92	1,613.96	5,614.64	2,772.86	4.67	-1.56	0.913
29.50	-30.30	-27.36	0.00	-2,491.19	0.00	2,491.19	3,220.15	1,610.08	5,587.54	2,759.47	4.83	-1.59	0.912
30.00	-30.15	-27.31	0.00	-2,477.51	0.00	2,477.51	3,212.39	1,606.20	5,560.50	2,746.12	5.00	-1.62	0.912
30.50	-30.01	-27.26	0.00	-2,463.86	0.00	2,463.86	3,204.63	1,602.31	5,533.53	2,732.80	5.17	-1.65	0.911
31.00	-29.87	-27.21	0.00	-2,450.22	0.00	2,450.22	3,196.87	1,598.43	5,506.63	2,719.52	5.35	-1.67	0.911
31.50	-29.73	-27.16	0.00	-2,436.62	0.00	2,436.62	3,189.10	1,594.55	5,479.79	2,706.26	5.52	-1.70	0.910
32.00	-29.59	-27.11	0.00	-2,423.04	0.00	2,423.04	3,181.34	1,590.67	5,453.02	2,693.04	5.70	-1.73	0.909
32.50	-29.45	-27.06	0.00	-2,409.48	0.00	2,409.48	3,173.58	1,586.79	5,426.31	2,679.85	5.89	-1.76	0.909
33.00	-29.31	-27.01	0.00	-2,395.95	0.00	2,395.95	3,165.82	1,582.91	5,399.67	2,666.69	6.07	-1.79	0.908
33.50	-29.17	-26.96	0.00	-2,382.44	0.00	2,382.44	3,158.05	1,579.03	5,373.09	2,653.57	6.26	-1.82	0.907
34.00	-29.03	-26.91	0.00	-2,368.96	0.00	2,368.96	3,150.29	1,575.15	5,346.58	2,640.48	6.45	-1.85	0.907
34.50	-28.89	-26.86	0.00	-2,355.51	0.00	2,355.51	3,142.53	1,571.26	5,320.14	2,627.42	6.65	-1.87	0.906
35.00	-28.75	-26.81	0.00	-2,342.08	0.00	2,342.08	3,134.77	1,567.38	5,293.76	2,614.39	6.85	-1.90	0.905
35.50	-28.61	-26.76	0.00	-2,328.67	0.00	2,328.67	3,127.00	1,563.50	5,267.45	2,601.39	7.05	-1.93	0.905
36.00	-28.47	-26.70	0.00	-2,315.30	0.00	2,315.30	3,119.24	1,559.62	5,241.20	2,588.43	7.25	-1.96	0.904
36.50	-28.33	-26.65	0.00	-2,301.94	0.00	2,301.94	3,111.48	1,555.74	5,215.02	2,575.50	7.46	-1.99	0.903
37.00	-28.19	-26.60	0.00	-2,288.62	0.00	2,288.62	3,103.72	1,551.86	5,188.90	2,562.60	7.67	-2.02	0.902
37.50	-28.05	-26.55	0.00	-2,275.32	0.00	2,275.32	3,095.95	1,547.98	5,162.85	2,549.74	7.88	-2.05	0.902
38.00	-27.92	-26.49	0.00	-2,262.05	0.00	2,262.05	3,088.19	1,544.10	5,136.86	2,536.90	8.10	-2.08	0.901
38.50	-27.78	-26.44	0.00	-2,248.80	0.00	2,248.80	3,080.43	1,540.21	5,110.94	2,524.10	8.32	-2.11	0.900
39.00	-27.64	-26.39	0.00	-2,235.58	0.00	2,235.58	3,072.67	1,536.33	5,085.09	2,511.33	8.54	-2.14	0.899
39.50	-27.50	-26.34	0.00	-2,222.38	0.00	2,222.38	3,064.90	1,532.45	5,059.30	2,498.60	8.76	-2.17	0.899
40.00	-27.37	-26.28	0.00	-2,209.22	0.00	2,209.22	3,057.14	1,528.57	5,033.58	2,485.89	8.99	-2.19	0.898
40.50	-27.23	-26.23	0.00	-2,196.08	0.00	2,196.08	3,049.38	1,524.69	5,007.92	2,473.22	9.22	-2.22	0.897
41.00	-27.10	-26.18	0.00	-2,182.96	0.00	2,182.96	3,041.62	1,520.81	4,982.33	2,460.58	9.46	-2.25	0.896
41.50	-26.96	-26.12	0.00	-2,169.87	0.00	2,169.87	3,033.85	1,516.93	4,956.80	2,447.98	9.70	-2.28	0.896
42.00	-26.83	-26.07	0.00	-2,156.81	0.00	2,156.81	3,026.09	1,513.04	4,931.34	2,435.40	9.94	-2.31	0.895
42.50	-26.69	-26.01	0.00	-2,143.78	0.00	2,143.78	3,018.33	1,509.16	4,905.94	2,422.86	10.18	-2.34	0.894
43.00	-26.56	-25.96	0.00	-2,130.77	0.00	2,130.77	3,010.56	1,505.28	4,880.61	2,410.35	10.43	-2.37	0.893
43.50	-26.43	-25.90	0.00	-2,117.79	0.00	2,117.79	3,002.80	1,501.40	4,855.35	2,397.87	10.68	-2.40	0.892
43.58	-26.40	-25.89	0.00	-2,115.63	0.00	2,115.63	3,001.51	1,500.75	4,851.15	2,395.80	10.72	-2.41	0.892
44.00	-26.21	-25.85	0.00	-2,104.85	0.00	2,104.85	2,995.04	1,497.52	4,830.15	2,385.43	10.93	-2.43	0.891
44.50	-25.99	-25.79	0.00	-2,091.92	0.00	2,091.92	2,987.28	1,493.64	4,805.02	2,373.02	11.19	-2.46	0.891
45.00	-25.77	-25.73	0.00	-2,079.03	0.00	2,079.03	2,979.51	1,489.76	4,779.95	2,360.64	11.45	-2.49	0.890
45.50	-25.55	-25.67	0.00	-2,066.17	0.00	2,066.17	2,971.75	1,485.88	4,754.95	2,348.29	11.71	-2.52	0.889
46.00	-25.32	-25.61	0.00	-2,053.33	0.00	2,053.33	2,963.99	1,481.99	4,730.01	2,335.97	11.97	-2.55	0.888
46.50	-25.10	-25.55	0.00	-2,040.53	0.00	2,040.53	2,956.23	1,478.11	4,705.14	2,323.69	12.24	-2.58	0.887
47.00	-24.88	-25.49	0.00	-2,027.76	0.00	2,027.76	2,948.46	1,474.23	4,680.34	2,311.44	12.52	-2.61	0.886
47.50	-24.66	-25.42	0.00	-2,015.01	0.00	2,015.01	2,940.70	1,470.35	4,655.60	2,299.22	12.79	-2.64	0.885
48.00	-24.44	-25.36	0.00	-2,002.30	0.00	2,002.30	2,932.94	1,466.47	4,630.92	2,287.04	13.07	-2.67	0.884
48.50	-24.22	-25.30	0.00	-1,989.62	0.00	1,989.62	2,925.18	1,462.59	4,606.31	2,274.88	13.35	-2.70	0.883
49.00	-24.00	-25.24	0.00	-1,976.97	0.00	1,976.97	2,917.41	1,458.71	4,581.77	2,262.76	13.63	-2.73	0.882
49.50	-23.79	-25.18	0.00	-1,964.35	0.00	1,964.35	2,513.92	1,256.96	4,022.27	1,986.45	13.92	-2.76	0.999
50.00	-23.67	-25.12	0.00	-1,951.76	0.00	1,951.76	2,507.34	1,253.67	4,001.16	1,976.02	14.21	-2.79	0.998
50.50	-23.55	-25.07	0.00	-1,939.20	0.00	1,939.20	2,500.77	1,250.38	3,980.10	1,965.62	14.51	-2.83	0.996
51.00	-23.43	-25.01	0.00	-1,926.67	0.00	1,926.67	2,494.19	1,247.09	3,959.11	1,955.25	14.81	-2.86	0.995
51.50	-23.32	-24.95	0.00	-1,914.16	0.00	1,914.16	2,487.61	1,243.81	3,938.16	1,944.91	15.11	-2.89	0.994
52.00	-23.20	-24.90	0.00	-1,901.69	0.00	1,901.69	2,481.03	1,240.52	3,917.27	1,934.59	15.41	-2.93	0.993
52.50	-23.08	-24.84	0.00	-1,889.24	0.00	1,889.24	2,474.46	1,237.23	3,896.44	1,924.30	15.72	-2.96	0.992
53.00	-22.97	-24.79	0.00	-1,876.82	0.00	1,876.82	2,467.88	1,233.94	3,875.66	1,914.04	16.03	-3.00	0.990

Pole : 302524
Location : Beacon Falls, CT
Height : 173.0 (ft)
Shape : 12 Sides
Base Dia : 48.50 (in)
Top Dia : 8.400 (in)
Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

53.50	-22.85	-24.73	0.00	-1,864.42	0.00	1,864.42	2,461.30	1,230.65	3,854.94	1,903.81	16.35	-3.03	0.989
54.00	-22.74	-24.67	0.00	-1,852.06	0.00	1,852.06	2,454.73	1,227.36	3,834.27	1,893.60	16.67	-3.06	0.988
54.50	-22.62	-24.62	0.00	-1,839.72	0.00	1,839.72	2,448.15	1,224.07	3,813.66	1,883.42	16.99	-3.10	0.986
55.00	-22.51	-24.56	0.00	-1,827.42	0.00	1,827.42	2,441.57	1,220.79	3,793.10	1,873.27	17.32	-3.13	0.985
55.50	-22.39	-24.50	0.00	-1,815.14	0.00	1,815.14	2,434.99	1,217.50	3,772.60	1,863.15	17.65	-3.17	0.984
56.00	-22.28	-24.45	0.00	-1,802.88	0.00	1,802.88	2,428.42	1,214.21	3,752.16	1,853.05	17.98	-3.20	0.983
56.50	-22.16	-24.39	0.00	-1,790.66	0.00	1,790.66	2,421.84	1,210.92	3,731.77	1,842.98	18.32	-3.23	0.981
57.00	-22.05	-24.33	0.00	-1,778.47	0.00	1,778.47	2,415.26	1,207.63	3,711.43	1,832.94	18.66	-3.27	0.980
57.50	-21.94	-24.28	0.00	-1,766.30	0.00	1,766.30	2,408.69	1,204.34	3,691.15	1,822.92	19.00	-3.30	0.978
58.00	-21.82	-24.22	0.00	-1,754.16	0.00	1,754.16	2,402.11	1,201.05	3,670.93	1,812.94	19.35	-3.34	0.977
58.50	-21.71	-24.16	0.00	-1,742.06	0.00	1,742.06	2,395.53	1,197.77	3,650.76	1,802.98	19.70	-3.37	0.976
59.00	-21.60	-24.10	0.00	-1,729.98	0.00	1,729.98	2,388.96	1,194.48	3,630.65	1,793.04	20.05	-3.41	0.974
59.50	-21.49	-24.05	0.00	-1,717.92	0.00	1,717.92	2,382.38	1,191.19	3,610.60	1,783.14	20.41	-3.44	0.973
60.00	-21.37	-23.99	0.00	-1,705.90	0.00	1,705.90	2,375.80	1,187.90	3,590.60	1,773.26	20.78	-3.48	0.971
60.50	-21.26	-23.93	0.00	-1,693.91	0.00	1,693.91	2,369.22	1,184.61	3,570.65	1,763.41	21.14	-3.51	0.970
61.00	-21.15	-23.87	0.00	-1,681.94	0.00	1,681.94	2,362.65	1,181.32	3,550.76	1,753.59	21.51	-3.55	0.969
61.50	-21.04	-23.82	0.00	-1,670.01	0.00	1,670.01	2,356.07	1,178.03	3,530.93	1,743.79	21.88	-3.58	0.967
62.00	-20.93	-23.76	0.00	-1,658.10	0.00	1,658.10	2,349.49	1,174.75	3,511.15	1,734.03	22.26	-3.62	0.966
62.50	-20.82	-23.70	0.00	-1,646.22	0.00	1,646.22	2,342.92	1,171.46	3,491.43	1,724.28	22.64	-3.65	0.964
63.00	-20.71	-23.64	0.00	-1,634.37	0.00	1,634.37	2,336.34	1,168.17	3,471.76	1,714.57	23.03	-3.69	0.962
63.50	-20.60	-23.58	0.00	-1,622.55	0.00	1,622.55	2,329.76	1,164.88	3,452.15	1,704.89	23.41	-3.72	0.961
64.00	-20.49	-23.53	0.00	-1,610.76	0.00	1,610.76	2,323.18	1,161.59	3,432.59	1,695.23	23.80	-3.76	0.959
64.50	-20.38	-23.47	0.00	-1,598.99	0.00	1,598.99	2,316.61	1,158.30	3,413.09	1,685.60	24.20	-3.79	0.958
65.00	-20.27	-23.41	0.00	-1,587.26	0.00	1,587.26	2,310.03	1,155.01	3,393.65	1,675.99	24.60	-3.83	0.956
65.50	-20.16	-23.35	0.00	-1,575.56	0.00	1,575.56	2,303.45	1,151.73	3,374.26	1,666.42	25.00	-3.86	0.955
66.00	-20.05	-23.29	0.00	-1,563.88	0.00	1,563.88	2,296.88	1,148.44	3,354.92	1,656.87	25.41	-3.90	0.953
66.50	-19.95	-23.24	0.00	-1,552.23	0.00	1,552.23	2,290.30	1,145.15	3,335.65	1,647.35	25.82	-3.93	0.951
67.00	-19.84	-23.18	0.00	-1,540.62	0.00	1,540.62	2,283.72	1,141.86	3,316.42	1,637.86	26.23	-3.97	0.950
67.50	-19.73	-23.12	0.00	-1,529.03	0.00	1,529.03	2,277.14	1,138.57	3,297.26	1,628.39	26.65	-4.00	0.948
68.00	-19.62	-23.06	0.00	-1,517.47	0.00	1,517.47	2,270.57	1,135.28	3,278.14	1,618.95	27.07	-4.04	0.946
68.50	-19.52	-23.00	0.00	-1,505.94	0.00	1,505.94	2,263.99	1,131.99	3,259.09	1,609.54	27.49	-4.07	0.945
69.00	-19.41	-22.94	0.00	-1,494.44	0.00	1,494.44	2,257.41	1,128.71	3,240.09	1,600.16	27.92	-4.11	0.943
69.50	-19.30	-22.88	0.00	-1,482.97	0.00	1,482.97	2,250.84	1,125.42	3,221.14	1,590.80	28.35	-4.14	0.941
70.00	-19.20	-22.83	0.00	-1,471.53	0.00	1,471.53	2,244.26	1,122.13	3,202.25	1,581.47	28.79	-4.18	0.939
70.50	-19.09	-22.77	0.00	-1,460.11	0.00	1,460.11	2,237.68	1,118.84	3,183.42	1,572.17	29.23	-4.21	0.938
71.00	-18.98	-22.71	0.00	-1,448.73	0.00	1,448.73	2,231.10	1,115.55	3,164.64	1,562.90	29.67	-4.25	0.936
71.50	-18.88	-22.65	0.00	-1,437.38	0.00	1,437.38	2,224.53	1,112.26	3,145.92	1,553.65	30.12	-4.28	0.934
72.00	-18.77	-22.59	0.00	-1,426.05	0.00	1,426.05	2,217.95	1,108.97	3,127.25	1,544.43	30.57	-4.32	0.932
72.50	-18.67	-22.53	0.00	-1,414.76	0.00	1,414.76	2,211.37	1,105.69	3,108.64	1,535.24	31.02	-4.36	0.930
73.00	-18.56	-22.47	0.00	-1,403.49	0.00	1,403.49	2,204.80	1,102.40	3,090.08	1,526.08	31.48	-4.39	0.929
73.50	-18.46	-22.41	0.00	-1,392.26	0.00	1,392.26	2,198.22	1,099.11	3,071.58	1,516.94	31.94	-4.43	0.927
74.00	-18.36	-22.36	0.00	-1,381.05	0.00	1,381.05	2,191.64	1,095.82	3,053.14	1,507.83	32.41	-4.46	0.925
74.50	-18.25	-22.30	0.00	-1,369.87	0.00	1,369.87	2,185.06	1,092.53	3,034.75	1,498.75	32.87	-4.50	0.923
75.00	-18.15	-22.24	0.00	-1,358.72	0.00	1,358.72	2,178.49	1,089.24	3,016.41	1,489.69	33.35	-4.53	0.921
75.50	-18.05	-22.18	0.00	-1,347.60	0.00	1,347.60	2,171.91	1,085.95	2,998.14	1,480.67	33.82	-4.57	0.919
76.00	-17.94	-22.12	0.00	-1,336.52	0.00	1,336.52	2,165.33	1,082.67	2,979.91	1,471.67	34.30	-4.61	0.917
76.50	-17.84	-22.06	0.00	-1,325.46	0.00	1,325.46	2,158.76	1,079.38	2,961.75	1,462.70	34.79	-4.64	0.915
77.00	-17.74	-22.00	0.00	-1,314.43	0.00	1,314.43	2,152.18	1,076.09	2,943.64	1,453.75	35.28	-4.68	0.913
77.50	-17.64	-21.94	0.00	-1,303.42	0.00	1,303.42	2,145.60	1,072.80	2,925.58	1,444.83	35.77	-4.71	0.911
78.00	-17.54	-21.88	0.00	-1,292.45	0.00	1,292.45	2,139.02	1,069.51	2,907.58	1,435.94	36.26	-4.75	0.909
78.50	-17.44	-21.82	0.00	-1,281.51	0.00	1,281.51	2,132.45	1,066.22	2,889.63	1,427.08	36.76	-4.79	0.907
79.00	-17.33	-21.77	0.00	-1,270.60	0.00	1,270.60	2,125.87	1,062.94	2,871.74	1,418.25	37.26	-4.82	0.904
79.50	-17.23	-21.71	0.00	-1,259.72	0.00	1,259.72	2,119.29	1,059.65	2,853.91	1,409.44	37.77	-4.86	0.902
80.00	-17.13	-21.65	0.00	-1,248.86	0.00	1,248.86	2,112.72	1,056.36	2,836.13	1,400.66	38.28	-4.89	0.900
80.50	-17.03	-21.59	0.00	-1,238.04	0.00	1,238.04	2,106.14	1,053.07	2,818.41	1,391.91	38.79	-4.93	0.898
81.00	-16.93	-21.53	0.00	-1,227.25	0.00	1,227.25	2,099.56	1,049.78	2,800.74	1,383.18	39.31	-4.97	0.896
81.50	-16.83	-21.47	0.00	-1,216.48	0.00	1,216.48	2,092.98	1,046.49	2,783.13	1,374.48	39.83	-5.00	0.894

Pole : 302524
Location : Beacon Falls, CT
Height : 173.0 (ft)
Shape : 12 Sides
Base Dia : 48.50 (in)
Top Dia : 8.400 (in)
Taper : 0.203000 (in/ft)

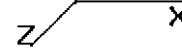
Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

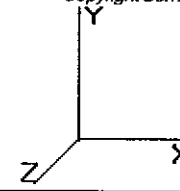
82.00	-16.73	-21.41	0.00	-1,205.75	0.00	1,205.75	2,086.41	1,043.20	2,765.57	1,365.81	40.36	-5.04	0.891
82.50	-16.64	-21.35	0.00	-1,195.04	0.00	1,195.04	2,079.83	1,039.92	2,748.07	1,357.17	40.89	-5.07	0.889
83.00	-16.54	-21.29	0.00	-1,184.37	0.00	1,184.37	2,073.25	1,036.63	2,730.63	1,348.55	41.42	-5.11	0.887
83.50	-16.44	-21.23	0.00	-1,173.72	0.00	1,173.72	2,066.68	1,033.34	2,713.24	1,339.97	41.96	-5.15	0.884
84.00	-16.34	-21.17	0.00	-1,163.11	0.00	1,163.11	2,060.10	1,030.05	2,695.90	1,331.41	42.50	-5.18	0.882
84.50	-16.24	-21.11	0.00	-1,152.52	0.00	1,152.52	2,053.52	1,026.76	2,678.63	1,322.87	43.04	-5.22	0.880
85.00	-16.15	-21.06	0.00	-1,141.96	0.00	1,141.96	2,046.94	1,023.47	2,661.40	1,314.37	43.59	-5.26	0.877
85.50	-16.05	-21.00	0.00	-1,131.43	0.00	1,131.43	2,040.37	1,020.18	2,644.24	1,305.89	44.14	-5.29	0.875
86.00	-15.96	-20.93	0.00	-1,120.94	0.00	1,120.94	2,033.79	1,016.90	2,627.12	1,297.44	44.70	-5.33	0.872
86.09	-15.94	-20.93	0.00	-1,119.12	0.00	1,119.12	2,032.65	1,016.33	2,624.16	1,295.98	44.79	-5.34	0.872
86.50	-15.81	-20.87	0.00	-1,110.47	0.00	1,110.47	2,027.21	1,013.61	2,610.07	1,289.01	45.26	-5.37	0.870
87.00	-15.65	-20.81	0.00	-1,100.04	0.00	1,100.04	2,020.64	1,010.32	2,593.07	1,280.62	45.82	-5.40	0.867
87.50	-15.50	-20.74	0.00	-1,089.63	0.00	1,089.63	2,014.06	1,007.03	2,576.12	1,272.25	46.39	-5.44	0.865
88.00	-15.34	-20.68	0.00	-1,079.26	0.00	1,079.26	2,007.48	1,003.74	2,559.23	1,263.91	46.96	-5.47	0.862
88.50	-15.19	-20.61	0.00	-1,068.93	0.00	1,068.93	2,000.90	1,000.45	2,542.40	1,255.60	47.53	-5.51	0.859
89.00	-15.04	-20.54	0.00	-1,058.62	0.00	1,058.62	1,994.33	997.16	2,525.62	1,247.31	48.11	-5.55	0.857
89.50	-14.89	-20.48	0.00	-1,048.35	0.00	1,048.35	1,987.75	993.88	2,508.90	1,239.05	48.69	-5.58	0.854
90.00	-14.73	-20.41	0.00	-1,038.11	0.00	1,038.11	1,981.17	990.59	2,492.23	1,230.82	49.28	-5.62	0.851
90.50	-14.58	-20.34	0.00	-1,027.91	0.00	1,027.91	1,974.60	987.30	2,475.62	1,222.61	49.87	-5.66	0.849
91.00	-14.44	-20.27	0.00	-1,017.73	0.00	1,017.73	1,968.02	984.01	2,459.06	1,214.44	50.46	-5.69	0.846
91.00	-14.43	-20.28	0.00	-1,017.67	0.00	1,017.67	1,640.64	820.32	2,096.83	1,035.55	50.47	-5.69	0.992
91.50	-14.35	-20.22	0.00	-1,007.59	0.00	1,007.59	1,635.31	817.65	2,083.15	1,028.79	51.06	-5.73	0.989
92.00	-14.27	-20.16	0.00	-997.48	0.00	997.48	1,629.93	814.97	2,069.42	1,022.01	51.66	-5.77	0.985
92.50	-14.18	-20.10	0.00	-987.40	0.00	987.40	1,624.56	812.28	2,055.74	1,015.25	52.27	-5.81	0.982
93.00	-14.10	-20.05	0.00	-977.35	0.00	977.35	1,619.19	809.59	2,042.11	1,008.52	52.88	-5.85	0.978
93.50	-14.02	-19.99	0.00	-967.33	0.00	967.33	1,613.82	806.91	2,028.52	1,001.81	53.49	-5.90	0.975
94.00	-13.93	-19.93	0.00	-957.34	0.00	957.34	1,608.44	804.22	2,014.97	995.12	54.11	-5.94	0.971
94.50	-13.85	-19.87	0.00	-947.37	0.00	947.37	1,603.07	801.54	2,001.47	988.45	54.73	-5.98	0.968
95.00	-13.77	-19.81	0.00	-937.43	0.00	937.43	1,597.70	798.85	1,988.02	981.81	55.36	-6.02	0.964
95.50	-13.69	-19.76	0.00	-927.53	0.00	927.53	1,592.33	796.16	1,974.61	975.18	55.99	-6.06	0.960
96.00	-13.61	-19.70	0.00	-917.65	0.00	917.65	1,586.95	793.48	1,961.24	968.58	56.63	-6.10	0.957
96.50	-13.52	-19.64	0.00	-907.80	0.00	907.80	1,581.58	790.79	1,947.92	962.01	57.27	-6.15	0.953
97.00	-13.44	-19.58	0.00	-897.98	0.00	897.98	1,576.21	788.10	1,934.65	955.45	57.91	-6.19	0.949
97.50	-13.36	-19.53	0.00	-888.19	0.00	888.19	1,570.84	785.42	1,921.42	948.92	58.56	-6.23	0.945
98.00	-13.28	-19.47	0.00	-878.43	0.00	878.43	1,565.46	782.73	1,908.24	942.41	59.22	-6.27	0.941
98.50	-13.20	-19.41	0.00	-868.69	0.00	868.69	1,560.09	780.05	1,895.10	935.92	59.87	-6.31	0.937
99.00	-13.12	-19.35	0.00	-858.99	0.00	858.99	1,554.72	777.36	1,882.01	929.46	60.54	-6.35	0.933
99.50	-13.04	-19.29	0.00	-849.31	0.00	849.31	1,549.35	774.67	1,868.97	923.01	61.20	-6.40	0.929
100.00	-12.96	-19.24	0.00	-839.66	0.00	839.66	1,543.97	771.99	1,855.97	916.59	61.87	-6.44	0.925
100.50	-12.88	-19.18	0.00	-830.05	0.00	830.05	1,538.60	769.30	1,843.01	910.19	62.55	-6.48	0.921
101.00	-12.81	-19.12	0.00	-820.46	0.00	820.46	1,533.23	766.61	1,830.10	903.82	63.23	-6.52	0.917
101.50	-12.73	-19.06	0.00	-810.90	0.00	810.90	1,527.85	763.93	1,817.24	897.46	63.91	-6.56	0.912
102.00	-12.65	-19.01	0.00	-801.36	0.00	801.36	1,522.48	761.24	1,804.42	891.13	64.60	-6.60	0.908
102.50	-12.57	-18.95	0.00	-791.86	0.00	791.86	1,517.11	758.55	1,791.64	884.82	65.29	-6.64	0.904
103.00	-12.49	-18.89	0.00	-782.39	0.00	782.39	1,511.74	755.87	1,778.91	878.54	65.99	-6.69	0.899
103.50	-12.42	-18.83	0.00	-772.94	0.00	772.94	1,506.36	753.18	1,766.23	872.27	66.69	-6.73	0.895
104.00	-12.34	-18.78	0.00	-763.53	0.00	763.53	1,500.99	750.50	1,753.59	866.03	67.40	-6.77	0.890
104.50	-12.26	-18.72	0.00	-754.14	0.00	754.14	1,495.62	747.81	1,741.00	859.81	68.11	-6.81	0.886
105.00	-12.19	-18.66	0.00	-744.78	0.00	744.78	1,490.25	745.12	1,728.45	853.62	68.82	-6.85	0.881
105.50	-12.11	-18.60	0.00	-735.45	0.00	735.45	1,484.87	742.44	1,715.95	847.44	69.54	-6.89	0.877
106.00	-12.03	-18.55	0.00	-726.15	0.00	726.15	1,479.50	739.75	1,703.50	841.29	70.26	-6.93	0.872
106.50	-11.96	-18.49	0.00	-716.87	0.00	716.87	1,474.13	737.06	1,691.08	835.16	70.99	-6.97	0.867
107.00	-11.88	-18.43	0.00	-707.63	0.00	707.63	1,468.76	734.38	1,678.72	829.06	71.72	-7.01	0.862
107.50	-11.81	-18.37	0.00	-698.41	0.00	698.41	1,463.38	731.69	1,666.40	822.97	72.45	-7.05	0.857
108.00	-11.73	-18.32	0.00	-689.23	0.00	689.23	1,458.01	729.01	1,654.12	816.91	73.19	-7.09	0.852
108.50	-11.66	-18.26	0.00	-680.07	0.00	680.07	1,452.64	726.32	1,641.89	810.87	73.93	-7.13	0.847
109.00	-11.58	-18.20	0.00	-670.94	0.00	670.94	1,447.27	723.63	1,629.71	804.85	74.68	-7.17	0.842

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

109.50	-11.51	-18.15	0.00	-661.83	0.00	661.83	1.441.89	720.95	1,617.57	798.86	75.43	-7.21	0.837
110.00	-11.44	-18.09	0.00	-652.76	0.00	652.76	1,436.52	718.26	1,605.48	792.89	76.19	-7.25	0.832
110.50	-11.36	-18.03	0.00	-643.72	0.00	643.72	1,431.15	715.57	1,593.43	786.94	76.95	-7.29	0.827
111.00	-11.29	-17.98	0.00	-634.70	0.00	634.70	1,425.78	712.89	1,581.43	781.01	77.71	-7.33	0.821
111.50	-11.22	-17.92	0.00	-625.71	0.00	625.71	1,420.40	710.20	1,569.47	775.10	78.48	-7.37	0.816
112.00	-11.14	-17.86	0.00	-616.75	0.00	616.75	1,415.03	707.52	1,557.56	769.22	79.25	-7.41	0.810
112.50	-11.07	-17.81	0.00	-607.82	0.00	607.82	1,409.66	704.83	1,545.69	763.36	80.03	-7.45	0.805
113.00	-11.00	-17.75	0.00	-598.92	0.00	598.92	1,404.29	702.14	1,533.87	757.52	80.81	-7.49	0.799
113.50	-10.93	-17.69	0.00	-590.05	0.00	590.05	1,398.91	699.46	1,522.10	751.71	81.60	-7.53	0.793
114.00	-10.86	-17.64	0.00	-581.20	0.00	581.20	1,393.54	696.77	1,510.37	745.91	82.38	-7.57	0.788
114.50	-10.79	-17.58	0.00	-572.38	0.00	572.38	1,388.17	694.08	1,498.68	740.14	83.18	-7.61	0.782
115.00	-10.72	-17.52	0.00	-563.59	0.00	563.59	1,382.79	691.40	1,487.04	734.39	83.97	-7.65	0.776
115.50	-10.64	-17.47	0.00	-554.83	0.00	554.83	1,377.42	688.71	1,475.45	728.67	84.78	-7.69	0.770
116.00	-10.57	-17.41	0.00	-546.10	0.00	546.10	1,372.05	686.02	1,463.90	722.97	85.58	-7.73	0.764
116.50	-10.50	-17.35	0.00	-537.40	0.00	537.40	1,366.68	683.34	1,452.40	717.28	86.39	-7.76	0.758
117.00	-10.44	-17.30	0.00	-528.72	0.00	528.72	1,361.30	680.65	1,440.94	711.63	87.20	-7.80	0.751
117.50	-10.37	-17.24	0.00	-520.07	0.00	520.07	1,355.93	677.97	1,429.53	705.99	88.02	-7.84	0.745
118.00	-10.30	-17.18	0.00	-511.45	0.00	511.45	1,350.56	675.28	1,418.16	700.38	88.84	-7.88	0.739
118.50	-10.23	-17.13	0.00	-502.86	0.00	502.86	1,345.19	672.59	1,406.84	694.78	89.66	-7.92	0.732
119.00	-10.16	-17.07	0.00	-494.30	0.00	494.30	1,339.81	669.91	1,395.56	689.21	90.49	-7.95	0.725
119.50	-10.09	-17.02	0.00	-485.76	0.00	485.76	1,334.44	667.22	1,384.33	683.67	91.32	-7.99	0.719
120.00	-10.02	-16.96	0.00	-477.25	0.00	477.25	1,329.07	664.53	1,373.14	678.14	92.16	-8.03	0.712
120.50	-9.96	-16.90	0.00	-468.77	0.00	468.77	1,323.70	661.85	1,362.00	672.64	93.00	-8.06	0.705
120.83	-9.92	-16.86	0.00	-463.20	0.00	463.20	1,320.15	660.08	1,354.68	669.02	93.56	-8.09	0.701
121.00	-9.88	-16.85	0.00	-460.33	0.00	460.33	1,318.32	659.16	1,350.91	667.16	93.85	-8.10	0.698
121.50	-9.78	-16.79	0.00	-451.91	0.00	451.91	1,312.95	656.48	1,339.86	661.71	94.69	-8.14	0.691
122.00	-9.68	-16.72	0.00	-443.51	0.00	443.51	1,307.58	653.79	1,328.86	656.27	95.54	-8.17	0.684
122.50	-9.59	-16.66	0.00	-435.15	0.00	435.15	1,302.21	651.10	1,317.90	650.86	96.40	-8.21	0.677
123.00	-9.49	-16.60	0.00	-426.82	0.00	426.82	1,296.83	648.42	1,306.98	645.47	97.26	-8.24	0.669
123.50	-9.39	-16.54	0.00	-418.52	0.00	418.52	1,291.46	645.73	1,296.12	640.10	98.12	-8.28	0.662
124.00	-9.30	-16.48	0.00	-410.25	0.00	410.25	1,286.09	643.04	1,285.29	634.76	98.99	-8.32	0.654
124.50	-9.20	-16.42	0.00	-402.01	0.00	402.01	1,280.72	640.36	1,274.52	629.44	99.86	-8.35	0.647
125.00	-9.12	-16.36	0.00	-393.85	0.00	393.85	826.04	413.02	837.83	413.77	100.72	-8.38	0.964
125.00	-9.11	-16.36	0.00	-393.80	0.00	393.80	826.03	413.01	837.80	413.76	100.73	-8.38	0.964
125.50	-9.05	-16.31	0.00	-385.62	0.00	385.62	824.51	412.25	832.77	411.27	101.61	-8.43	0.950
126.00	-9.00	-16.26	0.00	-377.46	0.00	377.46	822.97	411.49	827.74	408.79	102.49	-8.48	0.936
126.50	-8.95	-16.20	0.00	-369.34	0.00	369.34	821.42	410.71	822.71	406.31	103.38	-8.53	0.921
127.00	-8.89	-16.15	0.00	-361.23	0.00	361.23	819.85	409.93	817.68	403.82	104.27	-8.58	0.907
127.50	-8.84	-16.10	0.00	-353.16	0.00	353.16	818.27	409.13	812.65	401.34	105.17	-8.62	0.892
128.00	-8.79	-16.05	0.00	-345.11	0.00	345.11	816.67	408.33	807.61	398.85	106.07	-8.67	0.878
128.50	-8.73	-16.00	0.00	-337.08	0.00	337.08	815.05	407.53	802.57	396.36	106.98	-8.71	0.863
129.00	-8.68	-15.95	0.00	-329.08	0.00	329.08	813.42	406.71	797.53	393.87	107.89	-8.76	0.848
129.50	-8.63	-15.89	0.00	-321.11	0.00	321.11	811.78	405.89	792.49	391.38	108.81	-8.80	0.833
130.00	-8.58	-15.84	0.00	-313.16	0.00	313.16	810.12	405.06	787.44	388.89	109.73	-8.85	0.817
130.50	-8.53	-15.79	0.00	-305.24	0.00	305.24	808.44	404.22	782.40	386.40	110.65	-8.89	0.802
131.00	-8.48	-15.74	0.00	-297.35	0.00	297.35	806.74	403.37	777.35	383.91	111.58	-8.93	0.787
131.50	-8.43	-15.69	0.00	-289.48	0.00	289.48	805.03	402.52	772.31	381.41	112.52	-8.98	0.771
132.00	-8.38	-15.64	0.00	-281.64	0.00	281.64	803.31	401.65	767.26	378.92	113.46	-9.02	0.755
132.50	-8.33	-15.58	0.00	-273.82	0.00	273.82	801.57	400.78	762.21	376.43	114.40	-9.06	0.739
133.00	-8.28	-15.53	0.00	-266.03	0.00	266.03	799.81	399.91	757.17	373.94	115.35	-9.10	0.723
133.50	-8.23	-15.48	0.00	-258.26	0.00	258.26	798.04	399.02	752.12	371.44	116.30	-9.14	0.707
134.00	-8.18	-15.43	0.00	-250.52	0.00	250.52	796.25	398.13	747.07	368.95	117.25	-9.18	0.691
134.50	-8.13	-15.38	0.00	-242.80	0.00	242.80	794.45	397.22	742.02	366.46	118.21	-9.22	0.674
135.00	-8.09	-15.33	0.00	-235.12	0.00	235.12	792.63	396.32	736.98	363.97	119.18	-9.26	0.658
135.50	-8.04	-15.28	0.00	-227.45	0.00	227.45	790.80	395.40	731.93	361.47	120.15	-9.29	0.641
136.00	-7.99	-15.22	0.00	-219.82	0.00	219.82	788.95	394.47	726.89	358.98	121.12	-9.33	0.624
136.50	-7.94	-15.17	0.00	-212.20	0.00	212.20	787.08	393.54	721.84	356.49	122.09	-9.37	0.607

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

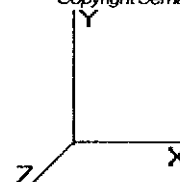
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

137.00	-7.90	-15.12	0.00	-204.62	0.00	204.62	783.60	391.80	715.34	353.28	123.07	-9.40	0.591
137.50	-6.15	-11.47	0.00	-197.06	0.00	197.06	780.00	390.00	708.77	350.03	124.05	-9.44	0.572
138.00	-6.11	-11.42	0.00	-191.32	0.00	191.32	776.41	388.20	702.22	346.80	125.04	-9.47	0.560
138.50	-6.08	-11.37	0.00	-185.61	0.00	185.61	772.81	386.41	695.71	343.58	126.03	-9.50	0.549
139.00	-6.04	-11.32	0.00	-179.92	0.00	179.92	769.22	384.61	689.22	340.38	127.02	-9.53	0.537
139.50	-6.00	-11.27	0.00	-174.27	0.00	174.27	765.62	382.81	682.77	337.19	128.02	-9.57	0.526
140.00	-5.97	-11.22	0.00	-168.63	0.00	168.63	762.03	381.01	676.34	334.02	129.01	-9.60	0.514
140.50	-5.93	-11.17	0.00	-163.02	0.00	163.02	758.43	379.22	669.95	330.86	130.02	-9.63	0.501
141.00	-5.89	-11.12	0.00	-157.44	0.00	157.44	754.84	377.42	663.59	327.72	131.02	-9.66	0.489
141.50	-5.86	-11.07	0.00	-151.88	0.00	151.88	751.25	375.62	657.26	324.59	132.03	-9.69	0.477
142.00	-5.82	-11.02	0.00	-146.35	0.00	146.35	747.65	373.83	650.95	321.48	133.04	-9.72	0.464
142.50	-5.79	-10.96	0.00	-140.84	0.00	140.84	744.06	372.03	644.68	318.38	134.06	-9.74	0.451
143.00	-5.75	-10.91	0.00	-135.36	0.00	135.36	740.46	370.23	638.44	315.30	135.07	-9.77	0.438
143.50	-5.72	-10.86	0.00	-129.90	0.00	129.90	736.87	368.43	632.23	312.23	136.09	-9.80	0.425
144.00	-5.68	-10.81	0.00	-124.47	0.00	124.47	733.27	366.64	626.05	309.18	137.12	-9.82	0.411
144.50	-5.65	-10.76	0.00	-119.06	0.00	119.06	729.68	364.84	619.90	306.15	138.14	-9.85	0.398
145.00	-5.61	-10.71	0.00	-113.68	0.00	113.68	726.08	363.04	613.78	303.12	139.17	-9.87	0.384
145.50	-5.58	-10.66	0.00	-108.32	0.00	108.32	722.49	361.24	607.69	300.12	140.20	-9.90	0.370
146.00	-5.55	-10.62	0.00	-102.99	0.00	102.99	718.90	359.45	601.63	297.12	141.23	-9.92	0.355
146.50	-5.51	-10.57	0.00	-97.68	0.00	97.68	715.30	357.65	595.60	294.15	142.27	-9.94	0.341
147.00	-5.48	-10.52	0.00	-92.40	0.00	92.40	711.71	355.85	589.60	291.18	143.31	-9.96	0.326
147.50	-5.45	-10.47	0.00	-87.14	0.00	87.14	708.11	354.06	583.64	288.24	144.35	-9.98	0.311
148.00	-3.47	-6.02	0.00	-81.91	0.00	81.91	704.52	352.26	577.70	285.30	145.39	-10.00	0.292
148.50	-3.45	-5.97	0.00	-78.90	0.00	78.90	700.92	350.46	571.79	282.39	146.43	-10.02	0.285
149.00	-3.42	-5.92	0.00	-75.91	0.00	75.91	697.33	348.66	565.91	279.48	147.48	-10.04	0.277
149.50	-3.40	-5.88	0.00	-72.95	0.00	72.95	693.73	346.87	560.07	276.60	148.52	-10.06	0.269
150.00	-3.38	-5.83	0.00	-70.01	0.00	70.01	690.14	345.07	554.25	273.72	149.57	-10.08	0.261
150.50	-3.35	-5.78	0.00	-67.10	0.00	67.10	686.54	343.27	548.47	270.87	150.62	-10.09	0.253
151.00	-3.33	-5.73	0.00	-64.21	0.00	64.21	682.95	341.48	542.71	268.02	151.68	-10.11	0.245
151.50	-3.31	-5.69	0.00	-61.34	0.00	61.34	679.36	339.68	536.99	265.20	152.73	-10.13	0.236
152.00	-3.29	-5.64	0.00	-58.50	0.00	58.50	675.76	337.88	531.29	262.38	153.79	-10.14	0.228
152.50	-3.26	-5.59	0.00	-55.68	0.00	55.68	672.17	336.08	525.63	259.59	154.84	-10.16	0.220
153.00	-3.24	-5.54	0.00	-52.89	0.00	52.89	668.57	334.29	519.99	256.80	155.90	-10.17	0.211
153.50	-3.22	-5.50	0.00	-50.11	0.00	50.11	664.98	332.49	514.39	254.04	156.96	-10.19	0.202
154.00	-3.20	-5.45	0.00	-47.37	0.00	47.37	661.38	330.69	508.81	251.28	158.02	-10.20	0.194
154.50	-3.18	-5.40	0.00	-44.64	0.00	44.64	657.79	328.89	503.27	248.55	159.09	-10.21	0.185
155.00	-3.16	-5.36	0.00	-41.94	0.00	41.94	654.19	327.10	497.76	245.82	160.15	-10.22	0.176
155.50	-3.14	-5.31	0.00	-39.26	0.00	39.26	650.60	325.30	492.28	243.12	161.22	-10.24	0.167
156.00	-3.11	-5.27	0.00	-36.60	0.00	36.60	647.01	323.50	486.83	240.42	162.29	-10.25	0.157
156.50	-3.09	-5.22	0.00	-33.97	0.00	33.97	643.41	321.71	481.40	237.75	163.35	-10.26	0.148
157.00	-3.07	-5.17	0.00	-31.36	0.00	31.36	639.82	319.91	476.01	235.08	164.42	-10.27	0.138
157.50	-3.05	-5.13	0.00	-28.77	0.00	28.77	636.22	318.11	470.65	232.44	165.49	-10.28	0.129
158.00	-3.03	-5.08	0.00	-26.21	0.00	26.21	632.63	316.31	465.32	229.80	166.56	-10.29	0.119
158.50	-3.01	-5.04	0.00	-23.67	0.00	23.67	629.03	314.52	460.02	227.19	167.64	-10.29	0.109
159.00	-2.99	-4.99	0.00	-21.15	0.00	21.15	625.44	312.72	454.75	224.58	168.71	-10.30	0.099
159.50	-2.97	-4.95	0.00	-18.65	0.00	18.65	621.84	310.92	449.51	222.00	169.78	-10.31	0.089
160.00	-2.95	-4.90	0.00	-16.18	0.00	16.18	618.25	309.13	444.30	219.43	170.86	-10.31	0.079
160.50	-2.95	-4.90	0.00	-16.18	0.00	16.18	618.25	309.13	444.30	219.43	170.86	-10.31	0.223
160.50	-2.92	-4.88	0.00	-13.73	0.00	13.73	506.62	253.31	150.95	74.55	171.93	-10.32	0.190
161.00	-2.88	-4.85	0.00	-11.29	0.00	11.29	506.62	253.31	150.95	74.55	173.01	-10.33	0.157
161.50	-2.85	-4.83	0.00	-8.86	0.00	8.86	506.62	253.31	150.95	74.55	174.08	-10.35	0.125
162.00	-0.66	-0.96	0.00	-6.45	0.00	6.45	506.62	253.31	150.95	74.55	175.16	-10.35	0.088
162.50	-0.63	-0.94	0.00	-5.96	0.00	5.96	506.62	253.31	150.95	74.55	176.24	-10.36	0.081
163.00	-0.60	-0.91	0.00	-5.49	0.00	5.49	506.62	253.31	150.95	74.55	177.32	-10.37	0.075
163.50	-0.57	-0.89	0.00	-5.04	0.00	5.04	506.62	253.31	150.95	74.55	178.40	-10.37	0.069
164.00	-0.53	-0.86	0.00	-4.59	0.00	4.59	506.62	253.31	150.95	74.55	179.48	-10.38	0.063
164.50	-0.50	-0.84	0.00	-4.16	0.00	4.16	506.62	253.31	150.95	74.55	180.56	-10.38	0.057

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

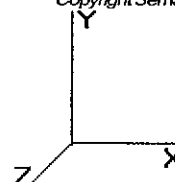
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

105.00 mph with No Ice

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

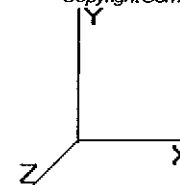
165.00	-0.47	-0.81	0.00	-3.74	0.00	3.74	506.62	253.31	150.95	74.55	181.64	-10.39	0.051
165.50	-0.44	-0.79	0.00	-3.34	0.00	3.34	506.62	253.31	150.95	74.55	182.73	-10.39	0.046
166.00	-0.41	-0.76	0.00	-2.95	0.00	2.95	506.62	253.31	150.95	74.55	183.81	-10.40	0.040
166.50	-0.38	-0.73	0.00	-2.57	0.00	2.57	506.62	253.31	150.95	74.55	184.89	-10.40	0.035
167.00	-0.34	-0.71	0.00	-2.20	0.00	2.20	506.62	253.31	150.95	74.55	185.98	-10.40	0.030
167.50	-0.31	-0.68	0.00	-1.84	0.00	1.84	506.62	253.31	150.95	74.55	187.06	-10.41	0.025
168.00	-0.28	-0.66	0.00	-1.50	0.00	1.50	506.62	253.31	150.95	74.55	188.14	-10.41	0.021
168.50	-0.25	-0.63	0.00	-1.17	0.00	1.17	506.62	253.31	150.95	74.55	189.23	-10.41	0.016
169.00	-0.22	-0.61	0.00	-0.86	0.00	0.86	506.62	253.31	150.95	74.55	190.31	-10.41	0.012
169.50	-0.19	-0.58	0.00	-0.56	0.00	0.56	506.62	253.31	150.95	74.55	191.40	-10.41	0.008
170.00	-0.17	-0.15	0.00	-0.27	0.00	0.27	506.62	253.31	150.95	74.55	192.48	-10.41	0.004
170.50	-0.14	-0.13	0.00	-0.19	0.00	0.19	506.62	253.31	150.95	74.55	193.56	-10.41	0.003
171.00	-0.11	-0.10	0.00	-0.13	0.00	0.13	506.62	253.31	150.95	74.55	194.65	-10.41	0.002
171.50	-0.09	-0.08	0.00	-0.08	0.00	0.08	506.62	253.31	150.95	74.55	195.73	-10.41	0.001
172.00	-0.06	-0.05	0.00	-0.04	0.00	0.04	506.62	253.31	150.95	74.55	196.82	-10.41	0.001
172.50	-0.03	-0.03	0.00	-0.01	0.00	0.01	506.62	253.31	150.95	74.55	197.90	-10.41	0.000
173.00	0.00	-0.02	0.00	0.00	0.00	0.00	506.62	253.31	150.95	74.55	198.99	-10.41	0.000

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	az (psf)	azGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	18.769	20.64	367.58	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
0.50		1.00	0.70	18.769	20.64	366.81	1.000	0.00	0.50	2.090	2.09	69.0	0.0	96.2
1.00		1.00	0.70	18.769	20.64	366.04	1.000	0.00	0.50	2.086	2.09	68.9	0.0	96.0
1.50		1.00	0.70	18.769	20.64	365.27	1.000	0.00	0.50	2.081	2.08	68.7	0.0	95.8
2.00		1.00	0.70	18.769	20.64	364.50	1.000	0.00	0.50	2.077	2.08	68.6	0.0	95.6
2.50		1.00	0.70	18.769	20.64	363.73	1.000	0.00	0.50	2.072	2.07	68.5	0.0	95.4
3.00		1.00	0.70	18.769	20.64	362.96	1.000	0.00	0.50	2.068	2.07	68.3	0.0	95.2
3.50		1.00	0.70	18.769	20.64	362.19	1.000	0.00	0.50	2.064	2.06	68.2	0.0	95.0
4.00		1.00	0.70	18.769	20.64	361.42	1.000	0.00	0.50	2.059	2.06	68.0	0.0	94.8
4.50		1.00	0.70	18.769	20.64	360.65	1.000	0.00	0.50	2.055	2.05	67.9	0.0	94.5
5.00		1.00	0.70	18.769	20.64	359.89	1.000	0.00	0.50	2.051	2.05	67.7	0.0	94.3
5.50		1.00	0.70	18.769	20.64	359.12	1.000	0.00	0.50	2.046	2.05	67.6	0.0	94.1
6.00		1.00	0.70	18.769	20.64	358.35	1.000	0.00	0.50	2.042	2.04	67.4	0.0	93.9
6.50		1.00	0.70	18.769	20.64	357.58	1.000	0.00	0.50	2.037	2.04	67.3	0.0	93.7
7.00		1.00	0.70	18.769	20.64	356.81	1.000	0.00	0.50	2.033	2.03	67.2	0.0	93.5
7.50		1.00	0.70	18.769	20.64	356.04	1.000	0.00	0.50	2.029	2.03	67.0	0.0	93.3
8.00		1.00	0.70	18.769	20.64	355.27	1.000	0.00	0.50	2.024	2.02	66.9	0.0	93.1
8.50		1.00	0.70	18.769	20.64	354.50	1.000	0.00	0.50	2.020	2.02	66.7	0.0	92.9
9.00		1.00	0.70	18.769	20.64	353.73	1.000	0.00	0.50	2.015	2.02	66.6	0.0	92.7
9.50		1.00	0.70	18.769	20.64	352.96	1.000	0.00	0.50	2.011	2.01	66.4	0.0	92.5
10.00		1.00	0.70	18.769	20.64	352.19	1.000	0.00	0.50	2.007	2.01	66.3	0.0	92.3
10.50		1.00	0.70	18.769	20.64	351.42	1.000	0.00	0.50	2.002	2.00	66.1	0.0	92.1
11.00		1.00	0.70	18.769	20.64	350.65	1.000	0.00	0.50	1.998	2.00	66.0	0.0	91.9
11.50		1.00	0.70	18.769	20.64	349.88	1.000	0.00	0.50	1.994	1.99	65.9	0.0	91.7
12.00		1.00	0.70	18.769	20.64	349.12	1.000	0.00	0.50	1.989	1.99	65.7	0.0	91.5
12.50		1.00	0.70	18.769	20.64	348.35	1.000	0.00	0.50	1.985	1.98	65.6	0.0	91.3
13.00		1.00	0.70	18.769	20.64	347.58	1.000	0.00	0.50	1.980	1.98	65.4	0.0	91.1
13.50		1.00	0.70	18.769	20.64	346.81	1.000	0.00	0.50	1.976	1.98	65.3	0.0	90.9
14.00		1.00	0.70	18.769	20.64	346.04	1.000	0.00	0.50	1.972	1.97	65.1	0.0	90.7
14.50		1.00	0.70	18.769	20.64	345.27	1.000	0.00	0.50	1.967	1.97	65.0	0.0	90.5
15.00		1.00	0.70	18.769	20.64	344.50	1.000	0.00	0.50	1.963	1.96	64.8	0.0	90.3
15.50		1.00	0.70	18.769	20.64	343.73	1.000	0.00	0.50	1.959	1.96	64.7	0.0	90.1
16.00		1.00	0.70	18.769	20.64	342.96	1.000	0.00	0.50	1.954	1.95	64.6	0.0	89.9
16.50		1.00	0.70	18.769	20.64	342.19	1.000	0.00	0.50	1.950	1.95	64.4	0.0	89.7
17.00		1.00	0.70	18.769	20.64	341.42	1.000	0.00	0.50	1.945	1.95	64.3	0.0	89.5
17.50		1.00	0.70	18.769	20.64	340.65	1.000	0.00	0.50	1.941	1.94	64.1	0.0	89.3
18.00		1.00	0.70	18.769	20.64	339.88	1.000	0.00	0.50	1.937	1.94	64.0	0.0	89.1
18.50		1.00	0.70	18.769	20.64	339.12	1.000	0.00	0.50	1.932	1.93	63.8	0.0	88.9
19.00		1.00	0.70	18.769	20.64	338.35	1.000	0.00	0.50	1.928	1.93	63.7	0.0	88.7
19.50		1.00	0.70	18.769	20.64	337.58	1.000	0.00	0.50	1.924	1.92	63.5	0.0	88.5
20.00		1.00	0.70	18.769	20.64	336.81	1.000	0.00	0.50	1.919	1.92	63.4	0.0	88.3
20.50		1.00	0.70	18.769	20.64	336.04	1.000	0.00	0.50	1.915	1.91	63.3	0.0	88.0
21.00		1.00	0.70	18.769	20.64	335.27	1.000	0.00	0.50	1.910	1.91	63.1	0.0	87.8
21.50		1.00	0.70	18.769	20.64	334.50	1.000	0.00	0.50	1.906	1.91	63.0	0.0	87.6
22.00		1.00	0.70	18.769	20.64	333.73	1.000	0.00	0.50	1.902	1.90	62.8	0.0	87.4
22.50		1.00	0.70	18.769	20.64	332.96	1.000	0.00	0.50	1.897	1.90	62.7	0.0	87.2
23.00		1.00	0.70	18.769	20.64	332.19	1.000	0.00	0.50	1.893	1.89	62.5	0.0	87.0
23.50		1.00	0.70	18.769	20.64	331.42	1.000	0.00	0.50	1.889	1.89	62.4	0.0	86.8
24.00		1.00	0.70	18.769	20.64	330.65	1.000	0.00	0.50	1.884	1.88	62.2	0.0	86.6
24.50		1.00	0.70	18.769	20.64	329.88	1.000	0.00	0.50	1.880	1.88	62.1	0.0	86.4
25.00		1.00	0.70	18.769	20.64	329.11	1.000	0.00	0.50	1.875	1.88	62.0	0.0	86.2

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
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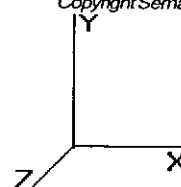
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

25.50	1.00	0.70	18.769	20.64	328.35	1.000	0.00	0.50	1.871	1.87	61.8	0.0	86.0
26.00	1.00	0.70	18.769	20.64	327.58	1.000	0.00	0.50	1.867	1.87	61.7	0.0	85.8
26.50	1.00	0.70	18.769	20.64	326.81	1.000	0.00	0.50	1.862	1.86	61.5	0.0	85.6
27.00	1.00	0.70	18.769	20.64	326.04	1.000	0.00	0.50	1.858	1.86	61.4	0.0	85.4
27.50	1.00	0.70	18.769	20.64	325.27	1.000	0.00	0.50	1.854	1.85	61.2	0.0	85.2
28.00	1.00	0.70	18.769	20.64	324.50	1.000	0.00	0.50	1.849	1.85	61.1	0.0	85.0
28.50	1.00	0.70	18.769	20.64	323.73	1.000	0.00	0.50	1.845	1.84	60.9	0.0	84.8
29.00	1.00	0.70	18.769	20.64	322.96	1.000	0.00	0.50	1.840	1.84	60.8	0.0	84.6
29.50	1.00	0.70	18.769	20.64	322.19	1.000	0.00	0.50	1.836	1.84	60.6	0.0	84.4
30.00	1.00	0.70	18.785	20.66	321.56	1.000	0.00	0.50	1.832	1.83	60.6	0.0	84.2
30.50	1.00	0.70	18.874	20.76	321.55	1.000	0.00	0.50	1.827	1.83	60.7	0.0	84.0
31.00	1.00	0.70	18.962	20.85	321.52	1.000	0.00	0.50	1.823	1.82	60.8	0.0	83.8
31.50	1.00	0.71	19.049	20.95	321.48	1.000	0.00	0.50	1.818	1.82	61.0	0.0	83.6
32.00	1.00	0.71	19.134	21.04	321.43	1.000	0.00	0.50	1.814	1.81	61.1	0.0	83.4
32.50	1.00	0.71	19.219	21.14	321.36	1.000	0.00	0.50	1.810	1.81	61.2	0.0	83.2
33.00	1.00	0.72	19.303	21.23	321.28	1.000	0.00	0.50	1.805	1.81	61.3	0.0	83.0
33.50	1.00	0.72	19.386	21.32	321.19	1.000	0.00	0.50	1.801	1.80	61.4	0.0	82.8
34.00	1.00	0.72	19.469	21.41	321.09	1.000	0.00	0.50	1.797	1.80	61.6	0.0	82.6
34.50	1.00	0.72	19.550	21.50	320.98	1.000	0.00	0.50	1.792	1.79	61.7	0.0	82.4
35.00	1.00	0.73	19.631	21.59	320.85	1.000	0.00	0.50	1.788	1.79	61.8	0.0	82.2
35.50	1.00	0.73	19.710	21.68	320.71	1.000	0.00	0.50	1.783	1.78	61.9	0.0	82.0
36.00	1.00	0.73	19.789	21.76	320.56	1.000	0.00	0.50	1.779	1.78	62.0	0.0	81.7
36.50	1.00	0.74	19.867	21.85	320.41	1.000	0.00	0.50	1.775	1.77	62.1	0.0	81.5
37.00	1.00	0.74	19.945	21.93	320.24	1.000	0.00	0.50	1.770	1.77	62.1	0.0	81.3
37.50	1.00	0.74	20.021	22.02	320.06	1.000	0.00	0.50	1.766	1.77	62.2	0.0	81.1
38.00	1.00	0.75	20.097	22.10	319.87	1.000	0.00	0.50	1.762	1.76	62.3	0.0	80.9
38.50	1.00	0.75	20.173	22.19	319.67	1.000	0.00	0.50	1.757	1.76	62.4	0.0	80.7
39.00	1.00	0.75	20.247	22.27	319.46	1.000	0.00	0.50	1.753	1.75	62.5	0.0	80.5
39.50	1.00	0.75	20.321	22.35	319.24	1.000	0.00	0.50	1.748	1.75	62.5	0.0	80.3
40.00	1.00	0.76	20.394	22.43	319.01	1.000	0.00	0.50	1.744	1.74	62.6	0.0	80.1
40.50	1.00	0.76	20.467	22.51	318.77	1.000	0.00	0.50	1.740	1.74	62.7	0.0	79.9
41.00	1.00	0.76	20.538	22.59	318.53	1.000	0.00	0.50	1.735	1.74	62.7	0.0	79.7
41.50	1.00	0.76	20.610	22.67	318.27	1.000	0.00	0.50	1.731	1.73	62.8	0.0	79.5
42.00	1.00	0.77	20.680	22.74	318.01	1.000	0.00	0.50	1.727	1.73	62.8	0.0	79.3
42.50	1.00	0.77	20.750	22.82	317.74	1.000	0.00	0.50	1.722	1.72	62.9	0.0	79.1
43.00	1.00	0.77	20.820	22.90	317.46	1.000	0.00	0.50	1.718	1.72	62.9	0.0	78.9
43.50	1.00	0.77	20.889	22.97	317.18	1.000	0.00	0.50	1.713	1.71	63.0	0.0	78.7
43.58 Bot - Section 2	1.00	0.77	20.900	22.99	317.13	1.000	0.00	0.08	0.285	0.29	10.5	0.0	13.1
44.00	1.00	0.78	20.957	23.05	316.88	1.000	0.00	0.42	1.449	1.45	53.4	0.0	121.9
44.50	1.00	0.78	21.025	23.12	316.58	1.000	0.00	0.50	1.734	1.73	64.2	0.0	145.9
45.00	1.00	0.78	21.092	23.20	316.27	1.000	0.00	0.50	1.730	1.73	64.2	0.0	145.5
45.50	1.00	0.78	21.159	23.27	315.95	1.000	0.00	0.50	1.726	1.73	64.3	0.0	145.2
46.00	1.00	0.79	21.225	23.34	315.63	1.000	0.00	0.50	1.721	1.72	64.3	0.0	144.8
46.50	1.00	0.79	21.291	23.42	315.30	1.000	0.00	0.50	1.717	1.72	64.3	0.0	144.4
47.00	1.00	0.79	21.356	23.49	314.96	1.000	0.00	0.50	1.712	1.71	64.4	0.0	144.0
47.50	1.00	0.79	21.420	23.56	314.61	1.000	0.00	0.50	1.708	1.71	64.4	0.0	143.7
48.00	1.00	0.80	21.485	23.63	314.26	1.000	0.00	0.50	1.704	1.70	64.4	0.0	143.3
48.50	1.00	0.80	21.548	23.70	313.90	1.000	0.00	0.50	1.699	1.70	64.4	0.0	142.9
49.00	1.00	0.80	21.612	23.77	313.54	1.000	0.00	0.50	1.695	1.69	64.5	0.0	142.5
49.50 Top - Section 1	1.00	0.80	21.674	23.84	313.16	1.000	0.00	0.50	1.691	1.69	64.5	0.0	142.2
50.00	1.00	0.81	21.737	23.91	318.40	1.000	0.00	0.50	1.686	1.69	64.5	0.0	65.7
50.50	1.00	0.81	21.799	23.97	318.02	1.000	0.00	0.50	1.682	1.68	64.5	0.0	65.5
51.00	1.00	0.81	21.860	24.04	317.64	1.000	0.00	0.50	1.677	1.68	64.5	0.0	65.4
51.50	1.00	0.81	21.921	24.11	317.25	1.000	0.00	0.50	1.673	1.67	64.5	0.0	65.2
52.00	1.00	0.82	21.982	24.18	316.86	1.000	0.00	0.50	1.669	1.67	64.6	0.0	65.0
52.50	1.00	0.82	22.042	24.24	316.46	1.000	0.00	0.50	1.664	1.66	64.6	0.0	64.9
53.00	1.00	0.82	22.102	24.31	316.05	1.000	0.00	0.50	1.660	1.66	64.6	0.0	64.7

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

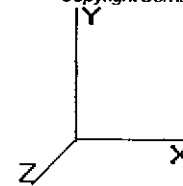
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

53.50	1.00	0.82	22.161	24.37	315.64	1.000	0.00	0.50	1.656	1.66	64.6	0.0	64.5
54.00	1.00	0.82	22.220	24.44	315.22	1.000	0.00	0.50	1.651	1.65	64.6	0.0	64.3
54.50	1.00	0.83	22.278	24.50	314.80	1.000	0.00	0.50	1.647	1.65	64.6	0.0	64.2
55.00	1.00	0.83	22.337	24.57	314.37	1.000	0.00	0.50	1.642	1.64	64.6	0.0	64.0
55.50	1.00	0.83	22.395	24.63	313.94	1.000	0.00	0.50	1.638	1.64	64.6	0.0	63.8
56.00	1.00	0.83	22.452	24.69	313.50	1.000	0.00	0.50	1.634	1.63	64.6	0.0	63.7
56.50	1.00	0.83	22.509	24.76	313.05	1.000	0.00	0.50	1.629	1.63	64.5	0.0	63.5
57.00	1.00	0.84	22.566	24.82	312.61	1.000	0.00	0.50	1.625	1.62	64.5	0.0	63.3
57.50	1.00	0.84	22.622	24.88	312.15	1.000	0.00	0.50	1.620	1.62	64.5	0.0	63.1
58.00	1.00	0.84	22.678	24.94	311.69	1.000	0.00	0.50	1.616	1.62	64.5	0.0	63.0
58.50	1.00	0.84	22.734	25.00	311.23	1.000	0.00	0.50	1.612	1.61	64.5	0.0	62.8
59.00	1.00	0.85	22.789	25.06	310.76	1.000	0.00	0.50	1.607	1.61	64.5	0.0	62.6
59.50	1.00	0.85	22.844	25.12	310.28	1.000	0.00	0.50	1.603	1.60	64.4	0.0	62.4
60.00	1.00	0.85	22.899	25.18	309.81	1.000	0.00	0.50	1.599	1.60	64.4	0.0	62.3
60.50	1.00	0.85	22.953	25.24	309.32	1.000	0.00	0.50	1.594	1.59	64.4	0.0	62.1
61.00	1.00	0.85	23.007	25.30	308.84	1.000	0.00	0.50	1.590	1.59	64.4	0.0	61.9
61.50	1.00	0.86	23.061	25.36	308.34	1.000	0.00	0.50	1.585	1.59	64.3	0.0	61.8
62.00	1.00	0.86	23.114	25.42	307.85	1.000	0.00	0.50	1.581	1.58	64.3	0.0	61.6
62.50	1.00	0.86	23.168	25.48	307.34	1.000	0.00	0.50	1.577	1.58	64.3	0.0	61.4
63.00	1.00	0.86	23.220	25.54	306.84	1.000	0.00	0.50	1.572	1.57	64.3	0.0	61.2
63.50	1.00	0.86	23.273	25.60	306.33	1.000	0.00	0.50	1.568	1.57	64.2	0.0	61.1
64.00	1.00	0.87	23.325	25.65	305.82	1.000	0.00	0.50	1.564	1.56	64.2	0.0	60.9
64.50	1.00	0.87	23.377	25.71	305.30	1.000	0.00	0.50	1.559	1.56	64.2	0.0	60.7
65.00	1.00	0.87	23.429	25.77	304.77	1.000	0.00	0.50	1.555	1.55	64.1	0.0	60.6
65.50	1.00	0.87	23.480	25.82	304.25	1.000	0.00	0.50	1.550	1.55	64.1	0.0	60.4
66.00	1.00	0.87	23.531	25.88	303.72	1.000	0.00	0.50	1.546	1.55	64.0	0.0	60.2
66.50	1.00	0.88	23.582	25.94	303.18	1.000	0.00	0.50	1.542	1.54	64.0	0.0	60.0
67.00	1.00	0.88	23.632	25.99	302.64	1.000	0.00	0.50	1.537	1.54	63.9	0.0	59.9
67.50	1.00	0.88	23.683	26.05	302.10	1.000	0.00	0.50	1.533	1.53	63.9	0.0	59.7
68.00	1.00	0.88	23.733	26.10	301.56	1.000	0.00	0.50	1.529	1.53	63.8	0.0	59.5
68.50	1.00	0.88	23.782	26.16	301.00	1.000	0.00	0.50	1.524	1.52	63.8	0.0	59.3
69.00	1.00	0.88	23.832	26.21	300.45	1.000	0.00	0.50	1.520	1.52	63.7	0.0	59.2
69.50	1.00	0.89	23.881	26.26	299.89	1.000	0.00	0.50	1.515	1.52	63.7	0.0	59.0
70.00	1.00	0.89	23.930	26.32	299.33	1.000	0.00	0.50	1.511	1.51	63.6	0.0	58.8
70.50	1.00	0.89	23.979	26.37	298.77	1.000	0.00	0.50	1.507	1.51	63.6	0.0	58.7
71.00	1.00	0.89	24.027	26.43	298.20	1.000	0.00	0.50	1.502	1.50	63.5	0.0	58.5
71.50	1.00	0.89	24.075	26.48	297.63	1.000	0.00	0.50	1.498	1.50	63.5	0.0	58.3
72.00	1.00	0.90	24.123	26.53	297.05	1.000	0.00	0.50	1.494	1.49	63.4	0.0	58.1
72.50	1.00	0.90	24.171	26.58	296.47	1.000	0.00	0.50	1.489	1.49	63.3	0.0	58.0
73.00	1.00	0.90	24.219	26.64	295.89	1.000	0.00	0.50	1.485	1.48	63.3	0.0	57.8
73.50	1.00	0.90	24.266	26.69	295.30	1.000	0.00	0.50	1.480	1.48	63.2	0.0	57.6
74.00	1.00	0.90	24.313	26.74	294.71	1.000	0.00	0.50	1.476	1.48	63.2	0.0	57.5
74.50	1.00	0.90	24.360	26.79	294.12	1.000	0.00	0.50	1.472	1.47	63.1	0.0	57.3
75.00	1.00	0.91	24.406	26.84	293.52	1.000	0.00	0.50	1.467	1.47	63.0	0.0	57.1
75.50	1.00	0.91	24.453	26.89	292.93	1.000	0.00	0.50	1.463	1.46	63.0	0.0	56.9
76.00	1.00	0.91	24.499	26.94	292.32	1.000	0.00	0.50	1.458	1.46	62.9	0.0	56.8
76.50	1.00	0.91	24.545	26.99	291.72	1.000	0.00	0.50	1.454	1.45	62.8	0.0	56.6
77.00	1.00	0.91	24.591	27.05	291.11	1.000	0.00	0.50	1.450	1.45	62.7	0.0	56.4
77.50	1.00	0.91	24.636	27.10	290.50	1.000	0.00	0.50	1.445	1.45	62.7	0.0	56.2
78.00	1.00	0.92	24.681	27.15	289.88	1.000	0.00	0.50	1.441	1.44	62.6	0.0	56.1
78.50	1.00	0.92	24.727	27.19	289.26	1.000	0.00	0.50	1.437	1.44	62.5	0.0	55.9
79.00	1.00	0.92	24.771	27.24	288.64	1.000	0.00	0.50	1.432	1.43	62.4	0.0	55.7
79.50	1.00	0.92	24.816	27.29	288.02	1.000	0.00	0.50	1.428	1.43	62.4	0.0	55.6
80.00	1.00	0.92	24.861	27.34	287.39	1.000	0.00	0.50	1.423	1.42	62.3	0.0	55.4
80.50	1.00	0.92	24.905	27.39	286.76	1.000	0.00	0.50	1.419	1.42	62.2	0.0	55.2
81.00	1.00	0.93	24.949	27.44	286.13	1.000	0.00	0.50	1.415	1.41	62.1	0.0	55.0
81.50	1.00	0.93	24.993	27.49	285.49	1.000	0.00	0.50	1.410	1.41	62.0	0.0	54.9

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

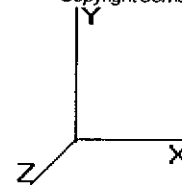
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

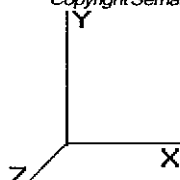
82.00		1.00	0.93	25.037	27.54	284.85	1.000	0.00	0.50	1.406	1.41	62.0	0.0	54.7
82.50		1.00	0.93	25.080	27.58	284.21	1.000	0.00	0.50	1.402	1.40	61.9	0.0	54.5
83.00		1.00	0.93	25.124	27.63	283.57	1.000	0.00	0.50	1.397	1.40	61.8	0.0	54.4
83.50		1.00	0.93	25.167	27.68	282.92	1.000	0.00	0.50	1.393	1.39	61.7	0.0	54.2
84.00		1.00	0.94	25.210	27.73	282.27	1.000	0.00	0.50	1.388	1.39	61.6	0.0	54.0
84.50		1.00	0.94	25.252	27.77	281.61	1.000	0.00	0.50	1.384	1.38	61.5	0.0	53.8
85.00		1.00	0.94	25.295	27.82	280.96	1.000	0.00	0.50	1.380	1.38	61.4	0.0	53.7
85.50		1.00	0.94	25.337	27.87	280.30	1.000	0.00	0.50	1.375	1.38	61.3	0.0	53.5
86.00		1.00	0.94	25.380	27.91	279.64	1.000	0.00	0.50	1.371	1.37	61.2	0.0	53.3
86.09	Bot - Section 3	1.00	0.94	25.387	27.92	279.53	1.000	0.00	0.09	0.237	0.24	10.6	0.0	9.2
86.50		1.00	0.94	25.422	27.96	278.98	1.000	0.00	0.41	1.149	1.15	51.4	0.0	80.5
87.00		1.00	0.95	25.464	28.01	278.31	1.000	0.00	0.50	1.386	1.39	62.1	0.0	97.1
87.50		1.00	0.95	25.505	28.05	277.64	1.000	0.00	0.50	1.382	1.38	62.0	0.0	96.8
88.00		1.00	0.95	25.547	28.10	276.97	1.000	0.00	0.50	1.378	1.38	61.9	0.0	96.5
88.50		1.00	0.95	25.588	28.14	276.30	1.000	0.00	0.50	1.373	1.37	61.8	0.0	96.2
89.00		1.00	0.95	25.630	28.19	275.62	1.000	0.00	0.50	1.369	1.37	61.7	0.0	95.9
89.50		1.00	0.95	25.671	28.23	274.94	1.000	0.00	0.50	1.365	1.36	61.6	0.0	95.6
90.00		1.00	0.95	25.711	28.28	274.26	1.000	0.00	0.50	1.360	1.36	61.5	0.0	95.2
90.50		1.00	0.96	25.752	28.32	273.58	1.000	0.00	0.50	1.356	1.36	61.4	0.0	94.9
91.00		1.00	0.96	25.793	28.37	272.89	1.000	0.00	0.50	1.351	1.35	61.3	0.0	94.6
91.00	Top - Section 2	1.00	0.96	25.793	28.37	272.88	1.000	0.00	0.00	0.009	0.01	0.4	0.0	0.6
91.50		1.00	0.96	25.833	28.41	272.20	1.000	0.00	0.50	1.338	1.34	60.8	0.0	42.6
92.00		1.00	0.96	25.873	28.46	276.51	1.000	0.00	0.50	1.343	1.34	61.1	0.0	42.7
92.50		1.00	0.96	25.914	28.50	275.82	1.000	0.00	0.50	1.338	1.34	61.0	0.0	42.6
93.00		1.00	0.96	25.953	28.54	275.13	1.000	0.00	0.50	1.334	1.33	60.9	0.0	42.5
93.50		1.00	0.96	25.993	28.59	274.43	1.000	0.00	0.50	1.329	1.33	60.8	0.0	42.3
94.00		1.00	0.97	26.033	28.63	273.74	1.000	0.00	0.50	1.325	1.33	60.7	0.0	42.2
94.50		1.00	0.97	26.072	28.68	273.04	1.000	0.00	0.50	1.321	1.32	60.6	0.0	42.0
95.00		1.00	0.97	26.112	28.72	272.34	1.000	0.00	0.50	1.316	1.32	60.5	0.0	41.9
95.50		1.00	0.97	26.151	28.76	271.63	1.000	0.00	0.50	1.312	1.31	60.4	0.0	41.7
96.00		1.00	0.97	26.190	28.80	270.93	1.000	0.00	0.50	1.308	1.31	60.3	0.0	41.6
96.50		1.00	0.97	26.229	28.85	270.22	1.000	0.00	0.50	1.303	1.30	60.2	0.0	41.5
97.00		1.00	0.98	26.268	28.89	269.51	1.000	0.00	0.50	1.299	1.30	60.0	0.0	41.3
97.50		1.00	0.98	26.306	28.93	268.79	1.000	0.00	0.50	1.294	1.29	59.9	0.0	41.2
98.00		1.00	0.98	26.345	28.97	268.08	1.000	0.00	0.50	1.290	1.29	59.8	0.0	41.0
98.50		1.00	0.98	26.383	29.02	267.36	1.000	0.00	0.50	1.286	1.29	59.7	0.0	40.9
99.00		1.00	0.98	26.421	29.06	266.64	1.000	0.00	0.50	1.281	1.28	59.6	0.0	40.8
99.50		1.00	0.98	26.459	29.10	265.92	1.000	0.00	0.50	1.277	1.28	59.5	0.0	40.6
100.0		1.00	0.98	26.497	29.14	265.20	1.000	0.00	0.50	1.273	1.27	59.3	0.0	40.5
100.5		1.00	0.99	26.535	29.18	264.47	1.000	0.00	0.50	1.268	1.27	59.2	0.0	40.3
101.0		1.00	0.99	26.573	29.23	263.75	1.000	0.00	0.50	1.264	1.26	59.1	0.0	40.2
101.5		1.00	0.99	26.610	29.27	263.02	1.000	0.00	0.50	1.259	1.26	59.0	0.0	40.1
102.0		1.00	0.99	26.648	29.31	262.28	1.000	0.00	0.50	1.255	1.26	58.9	0.0	39.9
102.5		1.00	0.99	26.685	29.35	261.55	1.000	0.00	0.50	1.251	1.25	58.7	0.0	39.8
103.0		1.00	0.99	26.722	29.39	260.81	1.000	0.00	0.50	1.246	1.25	58.6	0.0	39.6
103.5		1.00	0.99	26.759	29.43	260.08	1.000	0.00	0.50	1.242	1.24	58.5	0.0	39.5
104.0		1.00	0.99	26.796	29.47	259.34	1.000	0.00	0.50	1.238	1.24	58.4	0.0	39.4
104.5		1.00	1.00	26.833	29.51	258.59	1.000	0.00	0.50	1.233	1.23	58.2	0.0	39.2
105.0		1.00	1.00	26.869	29.55	257.85	1.000	0.00	0.50	1.229	1.23	58.1	0.0	39.1
105.5		1.00	1.00	26.906	29.59	257.10	1.000	0.00	0.50	1.224	1.22	58.0	0.0	38.9
106.0		1.00	1.00	26.942	29.63	256.36	1.000	0.00	0.50	1.220	1.22	57.9	0.0	38.8
106.5		1.00	1.00	26.978	29.67	255.61	1.000	0.00	0.50	1.216	1.22	57.7	0.0	38.7
107.0		1.00	1.00	27.014	29.71	254.85	1.000	0.00	0.50	1.211	1.21	57.6	0.0	38.5
107.5		1.00	1.00	27.050	29.75	254.10	1.000	0.00	0.50	1.207	1.21	57.5	0.0	38.4
108.0		1.00	1.01	27.086	29.79	253.34	1.000	0.00	0.50	1.203	1.20	57.3	0.0	38.2
108.5		1.00	1.01	27.122	29.83	252.59	1.000	0.00	0.50	1.198	1.20	57.2	0.0	38.1
109.0		1.00	1.01	27.158	29.87	251.83	1.000	0.00	0.50	1.194	1.19	57.1	0.0	38.0

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

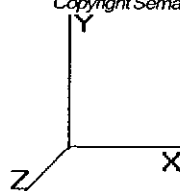
109.5	1.00	1.01	27.193	29.91	251.07	1.000	0.00	0.50	1.189	1.19	56.9	0.0	37.8
110.0	1.00	1.01	27.229	29.95	250.30	1.000	0.00	0.50	1.185	1.18	56.8	0.0	37.7
110.5	1.00	1.01	27.264	29.99	249.54	1.000	0.00	0.50	1.181	1.18	56.7	0.0	37.5
111.0	1.00	1.01	27.299	30.02	248.77	1.000	0.00	0.50	1.176	1.18	56.5	0.0	37.4
111.5	1.00	1.01	27.334	30.06	248.00	1.000	0.00	0.50	1.172	1.17	56.4	0.0	37.2
112.0	1.00	1.02	27.369	30.10	247.23	1.000	0.00	0.50	1.167	1.17	56.2	0.0	37.1
112.5	1.00	1.02	27.404	30.14	246.46	1.000	0.00	0.50	1.163	1.16	56.1	0.0	37.0
113.0	1.00	1.02	27.439	30.18	245.69	1.000	0.00	0.50	1.159	1.16	56.0	0.0	36.8
113.5	1.00	1.02	27.473	30.22	244.91	1.000	0.00	0.50	1.154	1.15	55.8	0.0	36.7
114.0	1.00	1.02	27.508	30.25	244.13	1.000	0.00	0.50	1.150	1.15	55.7	0.0	36.5
114.5	1.00	1.02	27.542	30.29	243.35	1.000	0.00	0.50	1.146	1.15	55.5	0.0	36.4
115.0	1.00	1.02	27.577	30.33	242.57	1.000	0.00	0.50	1.141	1.14	55.4	0.0	36.3
115.5	1.00	1.03	27.611	30.37	241.79	1.000	0.00	0.50	1.137	1.14	55.2	0.0	36.1
116.0	1.00	1.03	27.645	30.41	241.01	1.000	0.00	0.50	1.132	1.13	55.1	0.0	36.0
116.5	1.00	1.03	27.679	30.44	240.22	1.000	0.00	0.50	1.128	1.13	55.0	0.0	35.8
117.0	1.00	1.03	27.713	30.48	239.43	1.000	0.00	0.50	1.124	1.12	54.8	0.0	35.7
117.5	1.00	1.03	27.747	30.52	238.64	1.000	0.00	0.50	1.119	1.12	54.7	0.0	35.6
118.0	1.00	1.03	27.780	30.55	237.85	1.000	0.00	0.50	1.115	1.11	54.5	0.0	35.4
118.5	1.00	1.03	27.814	30.59	237.06	1.000	0.00	0.50	1.111	1.11	54.4	0.0	35.3
119.0	1.00	1.03	27.847	30.63	236.26	1.000	0.00	0.50	1.106	1.11	54.2	0.0	35.1
119.5	1.00	1.04	27.881	30.66	235.47	1.000	0.00	0.50	1.102	1.10	54.1	0.0	35.0
120.0	1.00	1.04	27.914	30.70	234.67	1.000	0.00	0.50	1.097	1.10	53.9	0.0	34.9
120.5	1.00	1.04	27.947	30.74	233.87	1.000	0.00	0.50	1.093	1.09	53.8	0.0	34.7
120.8 Bot - Section 4	1.00	1.04	27.969	30.76	233.34	1.000	0.00	0.33	0.719	0.72	35.4	0.0	22.8
121.0	1.00	1.04	27.980	30.77	233.07	1.000	0.00	0.17	0.375	0.38	18.5	0.0	19.8
121.5	1.00	1.04	28.013	30.81	232.27	1.000	0.00	0.50	1.101	1.10	54.3	0.0	57.9
122.0	1.00	1.04	28.046	30.85	231.46	1.000	0.00	0.50	1.096	1.10	54.1	0.0	57.7
122.5	1.00	1.04	28.079	30.88	230.66	1.000	0.00	0.50	1.092	1.09	54.0	0.0	57.4
123.0	1.00	1.04	28.112	30.92	229.85	1.000	0.00	0.50	1.087	1.09	53.8	0.0	57.2
123.5	1.00	1.05	28.144	30.95	229.04	1.000	0.00	0.50	1.083	1.08	53.6	0.0	57.0
124.0	1.00	1.05	28.177	30.99	228.23	1.000	0.00	0.50	1.079	1.08	53.5	0.0	56.7
124.5	1.00	1.05	28.209	31.03	227.42	1.000	0.00	0.50	1.074	1.07	53.3	0.0	56.5
125.0 Top - Section 3	1.00	1.05	28.241	31.06	226.61	1.000	0.00	0.50	1.063	1.06	52.8	0.0	55.9
125.0	1.00	1.05	28.242	31.06	230.10	1.000	0.00	0.00	0.007	0.01	0.4	0.0	0.2
125.5	1.00	1.05	28.274	31.10	229.29	1.000	0.00	0.50	1.065	1.07	53.0	0.0	22.7
126.0	1.00	1.05	28.306	31.13	228.48	1.000	0.00	0.50	1.061	1.06	52.9	0.0	22.6
126.5	1.00	1.05	28.338	31.17	227.66	1.000	0.00	0.50	1.057	1.06	52.7	0.0	22.5
127.0	1.00	1.05	28.370	31.20	226.84	1.000	0.00	0.50	1.052	1.05	52.5	0.0	22.4
127.5	1.00	1.05	28.402	31.24	226.02	1.000	0.00	0.50	1.048	1.05	52.4	0.0	22.3
128.0	1.00	1.06	28.434	31.27	225.20	1.000	0.00	0.50	1.044	1.04	52.2	0.0	22.3
128.5	1.00	1.06	28.465	31.31	224.38	1.000	0.00	0.50	1.039	1.04	52.1	0.0	22.2
129.0	1.00	1.06	28.497	31.34	223.56	1.000	0.00	0.50	1.035	1.03	51.9	0.0	22.1
129.5	1.00	1.06	28.528	31.38	222.73	1.000	0.00	0.50	1.030	1.03	51.7	0.0	22.0
130.0	1.00	1.06	28.560	31.41	221.91	1.000	0.00	0.50	1.026	1.03	51.6	0.0	21.9
130.5	1.00	1.06	28.591	31.45	221.08	1.000	0.00	0.50	1.022	1.02	51.4	0.0	21.8
131.0	1.00	1.06	28.622	31.48	220.25	1.000	0.00	0.50	1.017	1.02	51.2	0.0	21.7
131.5	1.00	1.06	28.654	31.51	219.42	1.000	0.00	0.50	1.013	1.01	51.1	0.0	21.6
132.0	1.00	1.07	28.685	31.55	218.59	1.000	0.00	0.50	1.009	1.01	50.9	0.0	21.5
132.5	1.00	1.07	28.716	31.58	217.75	1.000	0.00	0.50	1.004	1.00	50.8	0.0	21.4
133.0	1.00	1.07	28.747	31.62	216.92	1.000	0.00	0.50	1.000	1.00	50.6	0.0	21.3
133.5	1.00	1.07	28.777	31.65	216.08	1.000	0.00	0.50	0.995	1.00	50.4	0.0	21.2
134.0	1.00	1.07	28.808	31.68	215.24	1.000	0.00	0.50	0.991	0.99	50.2	0.0	21.1
134.5	1.00	1.07	28.839	31.72	214.41	1.000	0.00	0.50	0.987	0.99	50.1	0.0	21.0
135.0	1.00	1.07	28.869	31.75	213.57	1.000	0.00	0.50	0.982	0.98	49.9	0.0	20.9
135.5	1.00	1.07	28.900	31.79	212.72	1.000	0.00	0.50	0.978	0.98	49.7	0.0	20.8
136.0	1.00	1.07	28.930	31.82	211.88	1.000	0.00	0.50	0.974	0.97	49.6	0.0	20.7
136.5	1.00	1.08	28.961	31.85	211.04	1.000	0.00	0.50	0.969	0.97	49.4	0.0	20.7

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

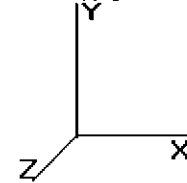
137.0		1.00	1.08	28.991	31.89	210.19	1.000	0.00	0.50	0.965	0.96	49.2	0.0	20.6
137.5	Appertunance(s)	1.00	1.08	29.021	31.92	209.34	1.000	0.00	0.50	0.960	0.96	49.1	0.0	20.5
138.0		1.00	1.08	29.051	31.95	208.49	1.000	0.00	0.50	0.956	0.96	48.9	0.0	20.4
138.5		1.00	1.08	29.081	31.99	207.64	1.000	0.00	0.50	0.952	0.95	48.7	0.0	20.3
139.0		1.00	1.08	29.111	32.02	206.79	1.000	0.00	0.50	0.947	0.95	48.5	0.0	20.2
139.5		1.00	1.08	29.141	32.05	205.94	1.000	0.00	0.50	0.943	0.94	48.4	0.0	20.1
140.0		1.00	1.08	29.171	32.08	205.09	1.000	0.00	0.50	0.939	0.94	48.2	0.0	20.0
140.5		1.00	1.08	29.201	32.12	204.23	1.000	0.00	0.50	0.934	0.93	48.0	0.0	19.9
141.0		1.00	1.09	29.230	32.15	203.38	1.000	0.00	0.50	0.930	0.93	47.8	0.0	19.8
141.5		1.00	1.09	29.260	32.18	202.52	1.000	0.00	0.50	0.925	0.93	47.7	0.0	19.7
142.0		1.00	1.09	29.289	32.21	201.66	1.000	0.00	0.50	0.921	0.92	47.5	0.0	19.6
142.5		1.00	1.09	29.319	32.25	200.80	1.000	0.00	0.50	0.917	0.92	47.3	0.0	19.5
143.0		1.00	1.09	29.348	32.28	199.94	1.000	0.00	0.50	0.912	0.91	47.1	0.0	19.4
143.5		1.00	1.09	29.378	32.31	199.08	1.000	0.00	0.50	0.908	0.91	46.9	0.0	19.3
144.0		1.00	1.09	29.407	32.34	198.21	1.000	0.00	0.50	0.903	0.90	46.8	0.0	19.2
144.5		1.00	1.09	29.436	32.37	197.35	1.000	0.00	0.50	0.899	0.90	46.6	0.0	19.1
145.0		1.00	1.09	29.465	32.41	196.48	1.000	0.00	0.50	0.895	0.89	46.4	0.0	19.1
145.5		1.00	1.10	29.494	32.44	195.61	1.000	0.00	0.50	0.890	0.89	46.2	0.0	19.0
146.0		1.00	1.10	29.523	32.47	194.74	1.000	0.00	0.50	0.886	0.89	46.0	0.0	18.9
146.5		1.00	1.10	29.552	32.50	193.87	1.000	0.00	0.50	0.882	0.88	45.9	0.0	18.8
147.0		1.00	1.10	29.581	32.53	193.00	1.000	0.00	0.50	0.877	0.88	45.7	0.0	18.7
147.5		1.00	1.10	29.609	32.57	192.13	1.000	0.00	0.50	0.873	0.87	45.5	0.0	18.6
148.0	Appertunance(s)	1.00	1.10	29.638	32.60	191.26	1.000	0.00	0.50	0.868	0.87	45.3	0.0	18.5
148.5		1.00	1.10	29.666	32.63	190.38	1.000	0.00	0.50	0.864	0.86	45.1	0.0	18.4
149.0		1.00	1.10	29.695	32.66	189.50	1.000	0.00	0.50	0.860	0.86	44.9	0.0	18.3
149.5		1.00	1.10	29.723	32.69	188.63	1.000	0.00	0.50	0.855	0.86	44.7	0.0	18.2
150.0		1.00	1.11	29.752	32.72	187.75	1.000	0.00	0.50	0.851	0.85	44.6	0.0	18.1
150.5		1.00	1.11	29.780	32.75	186.87	1.000	0.00	0.50	0.847	0.85	44.4	0.0	18.0
151.0		1.00	1.11	29.808	32.78	185.99	1.000	0.00	0.50	0.842	0.84	44.2	0.0	17.9
151.5		1.00	1.11	29.836	32.82	185.11	1.000	0.00	0.50	0.838	0.84	44.0	0.0	17.8
152.0		1.00	1.11	29.865	32.85	184.22	1.000	0.00	0.50	0.833	0.83	43.8	0.0	17.7
152.5		1.00	1.11	29.893	32.88	183.34	1.000	0.00	0.50	0.829	0.83	43.6	0.0	17.6
153.0		1.00	1.11	29.921	32.91	182.45	1.000	0.00	0.50	0.825	0.82	43.4	0.0	17.5
153.5		1.00	1.11	29.948	32.94	181.57	1.000	0.00	0.50	0.820	0.82	43.2	0.0	17.5
154.0		1.00	1.11	29.976	32.97	180.68	1.000	0.00	0.50	0.816	0.82	43.0	0.0	17.4
154.5		1.00	1.11	30.004	33.00	179.79	1.000	0.00	0.50	0.812	0.81	42.9	0.0	17.3
155.0		1.00	1.12	30.032	33.03	178.90	1.000	0.00	0.50	0.807	0.81	42.7	0.0	17.2
155.5		1.00	1.12	30.059	33.06	178.01	1.000	0.00	0.50	0.803	0.80	42.5	0.0	17.1
156.0		1.00	1.12	30.087	33.09	177.12	1.000	0.00	0.50	0.798	0.80	42.3	0.0	17.0
156.5		1.00	1.12	30.115	33.12	176.22	1.000	0.00	0.50	0.794	0.79	42.1	0.0	16.9
157.0		1.00	1.12	30.142	33.15	175.33	1.000	0.00	0.50	0.790	0.79	41.9	0.0	16.8
157.5		1.00	1.12	30.169	33.18	174.43	1.000	0.00	0.50	0.785	0.79	41.7	0.0	16.7
158.0		1.00	1.12	30.197	33.21	173.54	1.000	0.00	0.50	0.781	0.78	41.5	0.0	16.6
158.5		1.00	1.12	30.224	33.24	172.64	1.000	0.00	0.50	0.777	0.78	41.3	0.0	16.5
159.0		1.00	1.12	30.251	33.27	171.74	1.000	0.00	0.50	0.772	0.77	41.1	0.0	16.4
159.5		1.00	1.12	30.278	33.30	170.84	1.000	0.00	0.50	0.768	0.77	40.9	0.0	16.3
160.0	Top - Section 4	1.00	1.13	30.305	33.33	169.94	1.000	0.00	0.50	0.763	0.76	40.7	0.0	16.2
160.5		1.00	1.13	30.332	33.36	80.932	1.000	0.00	0.50	0.362	0.36	19.3	0.0	24.6
161.0		1.00	1.13	30.359	33.39	80.968	1.000	0.00	0.50	0.362	0.36	19.4	0.0	24.6
161.5		1.00	1.13	30.386	33.42	81.004	1.000	0.00	0.50	0.362	0.36	19.4	0.0	24.6
162.0	Appertunance(s)	1.00	1.13	30.413	33.45	81.040	1.000	0.00	0.50	0.362	0.36	19.4	0.0	24.6
162.5		1.00	1.13	30.440	33.48	81.075	1.000	0.00	0.50	0.362	0.36	19.4	0.0	24.6
163.0		1.00	1.13	30.467	33.51	81.111	1.000	0.00	0.50	0.362	0.36	19.4	0.0	24.6
163.5		1.00	1.13	30.493	33.54	81.147	1.000	0.00	0.50	0.362	0.36	19.4	0.0	24.6
164.0		1.00	1.13	30.520	33.57	81.182	1.000	0.00	0.50	0.362	0.36	19.5	0.0	24.6
164.5		1.00	1.13	30.547	33.60	81.217	1.000	0.00	0.50	0.362	0.36	19.5	0.0	24.6
165.0		1.00	1.14	30.573	33.63	81.253	1.000	0.00	0.50	0.362	0.36	19.5	0.0	24.6

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W	105.00 mph with No Ice (Reduced DL)	46 Iterations
Gust Response Factor : 1.10		Wind Importance Factor :1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

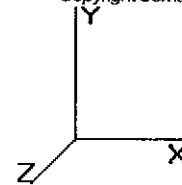
165.5		1.00	1.14	30.600	33.65	81.288	1.000	0.00	0.50	0.362	0.36	19.5	0.0	24.6
166.0		1.00	1.14	30.626	33.68	81.323	1.000	0.00	0.50	0.362	0.36	19.5	0.0	24.6
166.5		1.00	1.14	30.652	33.71	81.358	1.000	0.00	0.50	0.362	0.36	19.5	0.0	24.6
167.0		1.00	1.14	30.678	33.74	81.392	1.000	0.00	0.50	0.362	0.36	19.6	0.0	24.6
167.5		1.00	1.14	30.705	33.77	81.427	1.000	0.00	0.50	0.362	0.36	19.6	0.0	24.6
168.0		1.00	1.14	30.731	33.80	81.462	1.000	0.00	0.50	0.362	0.36	19.6	0.0	24.6
168.5		1.00	1.14	30.757	33.83	81.497	1.000	0.00	0.50	0.362	0.36	19.6	0.0	24.6
169.0		1.00	1.14	30.783	33.86	81.531	1.000	0.00	0.50	0.362	0.36	19.6	0.0	24.6
169.5		1.00	1.14	30.809	33.89	81.565	1.000	0.00	0.50	0.362	0.36	19.6	0.0	24.6
170.0	Appertunance(s)	1.00	1.15	30.835	33.91	81.600	1.000	0.00	0.50	0.362	0.36	19.7	0.0	24.6
170.5		1.00	1.15	30.861	33.94	81.634	1.000	0.00	0.50	0.362	0.36	19.7	0.0	24.6
171.0		1.00	1.15	30.887	33.97	81.668	1.000	0.00	0.50	0.362	0.36	19.7	0.0	24.6
171.5		1.00	1.15	30.912	34.00	81.702	1.000	0.00	0.50	0.362	0.36	19.7	0.0	24.6
172.0		1.00	1.15	30.938	34.03	81.736	1.000	0.00	0.50	0.362	0.36	19.7	0.0	24.6
172.5		1.00	1.15	30.964	34.06	81.770	1.000	0.00	0.50	0.362	0.36	19.7	0.0	24.6
173.0		1.00	1.15	30.989	34.08	81.804	1.000	0.00	0.50	0.362	0.36	19.8	0.0	24.6
Totals:								173.00				19,282.0	0.0	19,415.8

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

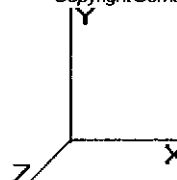
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
137.5	Flat Low Profile Pla	1	29.021	31.923	0.90	1.00	23.49	0.000	0.000	1,199.81	0.00	0.00	1,350.00
137.5	48" x 12" Panels	9	29.021	31.923	0.54	0.80	27.01	0.000	0.000	1,379.82	0.00	0.00	243.00
137.5	72" x 12" Panels	3	29.021	31.923	0.54	0.80	13.51	0.000	0.000	689.91	0.00	0.00	108.00
148.0	Andrew LNX-6514DS-	2	29.638	32.602	0.50	0.75	8.37	0.000	0.000	436.69	0.00	0.00	59.58
148.0	Powerwave P65-16-XL	1	29.638	32.602	0.47	0.75	3.97	0.000	0.000	207.03	0.00	0.00	29.70
148.0	Flat Platform with H	1	29.638	32.602	1.00	1.00	42.40	0.000	0.000	2,211.69	0.00	0.00	1,800.00
148.0	Decibel DB844H80E-	6	29.638	32.602	0.53	0.75	11.92	0.000	0.000	621.64	0.00	0.00	75.60
148.0	Decibel 948F85T2E-M	6	29.638	32.602	0.50	0.75	9.85	0.000	0.000	513.80	0.00	0.00	45.90
162.0	CSS DUO4-8670	6	30.413	33.455	0.47	0.75	18.39	0.000	0.000	984.16	0.00	0.00	151.20
162.0	ADC DD800	6	30.413	33.455	0.38	0.75	2.52	0.000	0.000	134.89	0.00	0.00	154.98
162.0	Flat Platform with H	1	30.413	33.455	1.00	1.00	42.40	0.000	0.000	2,269.55	0.00	0.00	1,800.00
170.0	Allgon 7250.02	3	30.835	33.918	0.64	1.00	7.35	0.000	0.000	399.08	0.00	0.00	40.50
										11,048.06			5,858.46

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
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 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
0.50	69.04	96.17	0.00	0.00
1.00	68.89	95.97	0.00	0.00
1.50	68.75	95.77	0.00	0.00
2.00	68.60	95.57	0.00	0.00
2.50	68.46	95.36	0.00	0.00
3.00	68.31	99.07	0.00	0.00
3.50	68.17	98.87	0.00	0.00
4.00	68.03	98.67	0.00	0.00
4.50	67.88	98.46	0.00	0.00
5.00	67.74	98.26	0.00	0.00
5.50	67.59	98.06	0.00	0.00
6.00	67.45	97.85	0.00	0.00
6.50	67.30	97.65	0.00	0.00
7.00	67.16	97.45	0.00	0.00
7.50	67.01	97.24	0.00	0.00
8.00	66.87	97.04	0.00	0.00
8.50	66.72	106.80	0.00	0.00
9.00	66.58	106.60	0.00	0.00
9.50	66.43	106.39	0.00	0.00
10.00	66.29	106.19	0.00	0.00
10.50	66.14	105.99	0.00	0.00
11.00	66.00	105.78	0.00	0.00
11.50	65.86	105.58	0.00	0.00
12.00	65.71	105.38	0.00	0.00
12.50	65.57	105.17	0.00	0.00
13.00	65.42	104.97	0.00	0.00
13.50	65.28	104.77	0.00	0.00
14.00	65.13	104.56	0.00	0.00
14.50	64.99	104.36	0.00	0.00
15.00	64.84	104.16	0.00	0.00
15.50	64.70	103.96	0.00	0.00
16.00	64.55	103.75	0.00	0.00
16.50	64.41	103.55	0.00	0.00
17.00	64.26	103.35	0.00	0.00
17.50	64.12	103.14	0.00	0.00
18.00	63.98	102.94	0.00	0.00
18.50	63.83	102.74	0.00	0.00
19.00	63.69	102.53	0.00	0.00
19.50	63.54	102.33	0.00	0.00
20.00	63.40	102.13	0.00	0.00
20.50	63.25	101.92	0.00	0.00
21.00	63.11	101.72	0.00	0.00
21.50	62.96	101.52	0.00	0.00
22.00	62.82	101.31	0.00	0.00
22.50	62.67	101.11	0.00	0.00
23.00	62.53	100.91	0.00	0.00
23.50	62.38	100.70	0.00	0.00
24.00	62.24	100.50	0.00	0.00
24.50	62.10	100.30	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
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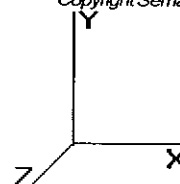
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

25.00	61.95	100.09	0.00	0.00
25.50	61.81	99.89	0.00	0.00
26.00	61.66	99.69	0.00	0.00
26.50	61.52	99.49	0.00	0.00
27.00	61.37	99.28	0.00	0.00
27.50	61.23	99.08	0.00	0.00
28.00	61.08	98.88	0.00	0.00
28.50	60.94	98.67	0.00	0.00
29.00	60.79	98.47	0.00	0.00
29.50	60.65	98.27	0.00	0.00
30.00	60.56	98.06	0.00	0.00
30.50	60.70	97.86	0.00	0.00
31.00	60.83	97.66	0.00	0.00
31.50	60.96	97.45	0.00	0.00
32.00	61.09	97.25	0.00	0.00
32.50	61.22	97.05	0.00	0.00
33.00	61.33	96.84	0.00	0.00
33.50	61.45	96.64	0.00	0.00
34.00	61.56	96.44	0.00	0.00
34.50	61.67	96.23	0.00	0.00
35.00	61.77	96.03	0.00	0.00
35.50	61.87	95.83	0.00	0.00
36.00	61.96	95.62	0.00	0.00
36.50	62.05	95.42	0.00	0.00
37.00	62.14	95.22	0.00	0.00
37.50	62.23	95.02	0.00	0.00
38.00	62.31	94.81	0.00	0.00
38.50	62.39	94.61	0.00	0.00
39.00	62.46	94.41	0.00	0.00
39.50	62.53	94.20	0.00	0.00
40.00	62.60	94.00	0.00	0.00
40.50	62.66	93.80	0.00	0.00
41.00	62.73	93.59	0.00	0.00
41.50	62.79	93.39	0.00	0.00
42.00	62.84	93.19	0.00	0.00
42.50	62.89	92.98	0.00	0.00
43.00	62.94	92.78	0.00	0.00
43.50	62.99	92.58	0.00	0.00
43.58	10.49	15.41	0.00	0.00
44.00	53.43	133.44	0.00	0.00
44.50	64.18	159.78	0.00	0.00
45.00	64.22	159.41	0.00	0.00
45.50	64.26	159.03	0.00	0.00
46.00	64.30	158.65	0.00	0.00
46.50	64.33	158.28	0.00	0.00
47.00	64.36	157.90	0.00	0.00
47.50	64.39	157.53	0.00	0.00
48.00	64.42	157.15	0.00	0.00
48.50	64.45	156.78	0.00	0.00
49.00	64.47	156.40	0.00	0.00
49.50	64.49	156.03	0.00	0.00
50.00	64.51	79.59	0.00	0.00
50.50	64.52	79.42	0.00	0.00
51.00	64.54	79.25	0.00	0.00
51.50	64.55	79.08	0.00	0.00
52.00	64.56	78.90	0.00	0.00
52.50	64.56	78.73	0.00	0.00

Pole : 302524
Location : Beacon Falls, CT
Height : 173.0 (ft)
Shape : 12 Sides
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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

53.00	64.57	78.56	0.00	0.00
53.50	64.57	78.39	0.00	0.00
54.00	64.57	78.22	0.00	0.00
54.50	64.57	78.04	0.00	0.00
55.00	64.57	77.87	0.00	0.00
55.50	64.56	77.70	0.00	0.00
56.00	64.55	77.53	0.00	0.00
56.50	64.54	77.35	0.00	0.00
57.00	64.53	77.18	0.00	0.00
57.50	64.52	77.01	0.00	0.00
58.00	64.50	76.84	0.00	0.00
58.50	64.49	76.67	0.00	0.00
59.00	64.47	76.49	0.00	0.00
59.50	64.45	76.32	0.00	0.00
60.00	64.43	76.15	0.00	0.00
60.50	64.40	75.98	0.00	0.00
61.00	64.38	75.81	0.00	0.00
61.50	64.35	75.63	0.00	0.00
62.00	64.32	75.46	0.00	0.00
62.50	64.29	75.29	0.00	0.00
63.00	64.26	75.12	0.00	0.00
63.50	64.22	74.94	0.00	0.00
64.00	64.19	74.77	0.00	0.00
64.50	64.15	74.60	0.00	0.00
65.00	64.11	74.43	0.00	0.00
65.50	64.07	74.26	0.00	0.00
66.00	64.03	74.08	0.00	0.00
66.50	63.99	73.91	0.00	0.00
67.00	63.94	73.74	0.00	0.00
67.50	63.89	73.57	0.00	0.00
68.00	63.85	73.39	0.00	0.00
68.50	63.80	73.22	0.00	0.00
69.00	63.75	73.05	0.00	0.00
69.50	63.69	72.88	0.00	0.00
70.00	63.64	72.71	0.00	0.00
70.50	63.58	72.53	0.00	0.00
71.00	63.53	72.36	0.00	0.00
71.50	63.47	72.19	0.00	0.00
72.00	63.41	72.02	0.00	0.00
72.50	63.35	71.85	0.00	0.00
73.00	63.29	71.67	0.00	0.00
73.50	63.22	71.50	0.00	0.00
74.00	63.16	71.33	0.00	0.00
74.50	63.09	71.16	0.00	0.00
75.00	63.03	70.98	0.00	0.00
75.50	62.96	70.81	0.00	0.00
76.00	62.89	70.64	0.00	0.00
76.50	62.82	70.47	0.00	0.00
77.00	62.74	70.30	0.00	0.00
77.50	62.67	70.12	0.00	0.00
78.00	62.59	69.95	0.00	0.00
78.50	62.52	69.78	0.00	0.00
79.00	62.44	69.61	0.00	0.00
79.50	62.36	69.44	0.00	0.00
80.00	62.28	69.26	0.00	0.00
80.50	62.20	69.09	0.00	0.00
81.00	62.12	68.92	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
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 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

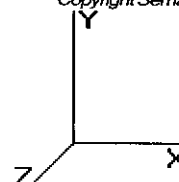
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

81.50	62.04	68.75	0.00	0.00
82.00	61.95	68.57	0.00	0.00
82.50	61.87	68.40	0.00	0.00
83.00	61.78	68.23	0.00	0.00
83.50	61.69	68.06	0.00	0.00
84.00	61.60	67.89	0.00	0.00
84.50	61.51	67.71	0.00	0.00
85.00	61.42	67.54	0.00	0.00
85.50	61.33	67.37	0.00	0.00
86.00	61.24	67.20	0.00	0.00
86.09	10.60	11.63	0.00	0.00
86.50	51.43	91.99	0.00	0.00
87.00	62.13	110.99	0.00	0.00
87.50	62.04	110.68	0.00	0.00
88.00	61.94	110.37	0.00	0.00
88.50	61.85	110.06	0.00	0.00
89.00	61.75	109.74	0.00	0.00
89.50	61.65	109.43	0.00	0.00
90.00	61.55	109.12	0.00	0.00
90.50	61.45	108.80	0.00	0.00
91.00	61.35	108.49	0.00	0.00
91.00	0.41	0.72	0.00	0.00
91.50	60.83	56.37	0.00	0.00
92.00	61.14	56.61	0.00	0.00
92.50	61.03	56.47	0.00	0.00
93.00	60.93	56.33	0.00	0.00
93.50	60.82	56.19	0.00	0.00
94.00	60.71	56.05	0.00	0.00
94.50	60.60	55.91	0.00	0.00
95.00	60.49	55.77	0.00	0.00
95.50	60.38	55.63	0.00	0.00
96.00	60.27	55.49	0.00	0.00
96.50	60.16	55.34	0.00	0.00
97.00	60.05	55.20	0.00	0.00
97.50	59.93	55.06	0.00	0.00
98.00	59.82	54.92	0.00	0.00
98.50	59.70	54.78	0.00	0.00
99.00	59.58	54.64	0.00	0.00
99.50	59.46	54.50	0.00	0.00
100.0	59.35	54.36	0.00	0.00
100.5	59.23	54.22	0.00	0.00
101.0	59.11	54.08	0.00	0.00
101.5	58.98	53.94	0.00	0.00
102.0	58.86	53.80	0.00	0.00
102.5	58.74	53.66	0.00	0.00
103.0	58.61	53.52	0.00	0.00
103.5	58.49	53.38	0.00	0.00
104.0	58.36	53.24	0.00	0.00
104.5	58.24	53.09	0.00	0.00
105.0	58.11	52.95	0.00	0.00
105.5	57.98	52.81	0.00	0.00
106.0	57.85	52.67	0.00	0.00
106.5	57.72	52.53	0.00	0.00
107.0	57.59	52.39	0.00	0.00
107.5	57.46	52.25	0.00	0.00
108.0	57.33	52.11	0.00	0.00
108.5	57.19	51.97	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

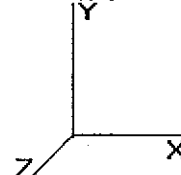
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

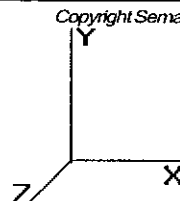
109.0	57.06	51.83	0.00	0.00
109.5	56.92	51.69	0.00	0.00
110.0	56.79	51.55	0.00	0.00
110.5	56.65	51.41	0.00	0.00
111.0	56.51	51.27	0.00	0.00
111.5	56.38	51.13	0.00	0.00
112.0	56.24	50.99	0.00	0.00
112.5	56.10	50.84	0.00	0.00
113.0	55.96	50.70	0.00	0.00
113.5	55.82	50.56	0.00	0.00
114.0	55.67	50.42	0.00	0.00
114.5	55.53	50.28	0.00	0.00
115.0	55.39	50.14	0.00	0.00
115.5	55.24	50.00	0.00	0.00
116.0	55.10	49.86	0.00	0.00
116.5	54.95	49.72	0.00	0.00
117.0	54.81	49.58	0.00	0.00
117.5	54.66	49.44	0.00	0.00
118.0	54.51	49.30	0.00	0.00
118.5	54.36	49.16	0.00	0.00
119.0	54.22	49.02	0.00	0.00
119.5	54.07	48.88	0.00	0.00
120.0	53.92	48.74	0.00	0.00
120.5	53.76	48.59	0.00	0.00
120.8	35.38	31.99	0.00	0.00
121.0	18.49	24.48	0.00	0.00
121.5	54.26	71.79	0.00	0.00
122.0	54.11	71.55	0.00	0.00
122.5	53.95	71.32	0.00	0.00
123.0	53.80	71.08	0.00	0.00
123.5	53.65	70.85	0.00	0.00
124.0	53.49	70.61	0.00	0.00
124.5	53.33	70.38	0.00	0.00
125.0	52.81	69.66	0.00	0.00
125.0	0.36	0.25	0.00	0.00
125.5	53.02	36.60	0.00	0.00
126.0	52.86	36.50	0.00	0.00
126.5	52.70	36.41	0.00	0.00
127.0	52.54	36.32	0.00	0.00
127.5	52.39	36.22	0.00	0.00
128.0	52.22	36.13	0.00	0.00
128.5	52.06	36.03	0.00	0.00
129.0	51.90	35.94	0.00	0.00
129.5	51.74	35.85	0.00	0.00
130.0	51.58	35.75	0.00	0.00
130.5	51.41	35.66	0.00	0.00
131.0	51.25	35.56	0.00	0.00
131.5	51.08	35.47	0.00	0.00
132.0	50.92	35.37	0.00	0.00
132.5	50.75	35.28	0.00	0.00
133.0	50.58	35.19	0.00	0.00
133.5	50.42	35.09	0.00	0.00
134.0	50.25	35.00	0.00	0.00
134.5	50.08	34.90	0.00	0.00
135.0	49.91	34.81	0.00	0.00
135.5	49.74	34.72	0.00	0.00
136.0	49.57	34.62	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

136.5	49.40	34.53	0.00	0.00
137.0	49.23	34.43	0.00	0.00
137.5	3.318.60	1.735.34	0.00	0.00
138.0	48.88	29.82	0.00	0.00
138.5	48.71	29.72	0.00	0.00
139.0	48.53	29.63	0.00	0.00
139.5	48.36	29.54	0.00	0.00
140.0	48.18	29.44	0.00	0.00
140.5	48.01	29.35	0.00	0.00
141.0	47.83	29.25	0.00	0.00
141.5	47.65	29.16	0.00	0.00
142.0	47.48	29.07	0.00	0.00
142.5	47.30	28.97	0.00	0.00
143.0	47.12	28.88	0.00	0.00
143.5	46.94	28.78	0.00	0.00
144.0	46.76	28.69	0.00	0.00
144.5	46.58	28.60	0.00	0.00
145.0	46.40	28.50	0.00	0.00
145.5	46.22	28.41	0.00	0.00
146.0	46.04	28.31	0.00	0.00
146.5	45.85	28.22	0.00	0.00
147.0	45.67	28.12	0.00	0.00
147.5	45.49	28.03	0.00	0.00
148.0	4.036.15	2.038.72	0.00	0.00
148.5	45.12	22.31	0.00	0.00
149.0	44.93	22.21	0.00	0.00
149.5	44.74	22.12	0.00	0.00
150.0	44.56	22.03	0.00	0.00
150.5	44.37	21.93	0.00	0.00
151.0	44.18	21.84	0.00	0.00
151.5	44.00	21.74	0.00	0.00
152.0	43.81	21.65	0.00	0.00
152.5	43.62	21.56	0.00	0.00
153.0	43.43	21.46	0.00	0.00
153.5	43.24	21.37	0.00	0.00
154.0	43.05	21.27	0.00	0.00
154.5	42.86	21.18	0.00	0.00
155.0	42.66	21.09	0.00	0.00
155.5	42.47	20.99	0.00	0.00
156.0	42.28	20.90	0.00	0.00
156.5	42.08	20.80	0.00	0.00
157.0	41.89	20.71	0.00	0.00
157.5	41.70	20.61	0.00	0.00
158.0	41.50	20.52	0.00	0.00
158.5	41.31	20.43	0.00	0.00
159.0	41.11	20.33	0.00	0.00
159.5	40.91	20.24	0.00	0.00
160.0	40.71	20.14	0.00	0.00
160.5	19.35	28.55	0.00	0.00
161.0	19.36	28.54	0.00	0.00
161.5	19.38	28.54	0.00	0.00
162.0	3.407.99	2.134.72	0.00	0.00
162.5	19.41	26.84	0.00	0.00
163.0	19.43	26.84	0.00	0.00
163.5	19.45	26.84	0.00	0.00
164.0	19.46	26.84	0.00	0.00
164.5	19.48	26.84	0.00	0.00

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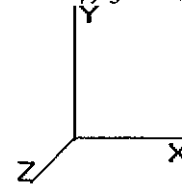
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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

165.0	19.50	26.84	0.00	0.00
165.5	19.51	26.84	0.00	0.00
166.0	19.53	26.84	0.00	0.00
166.5	19.55	26.84	0.00	0.00
167.0	19.56	26.84	0.00	0.00
167.5	19.58	26.84	0.00	0.00
168.0	19.60	26.84	0.00	0.00
168.5	19.61	26.84	0.00	0.00
169.0	19.63	26.84	0.00	0.00
169.5	19.65	26.84	0.00	0.00
170.0	418.74	67.34	0.00	0.00
170.5	19.68	24.63	0.00	0.00
171.0	19.70	24.63	0.00	0.00
171.5	19.71	24.63	0.00	0.00
172.0	19.73	24.63	0.00	0.00
172.5	19.75	24.63	0.00	0.00
173.0	19.76	24.63	0.00	0.00
Totals:	30,330.10	29,254.70	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
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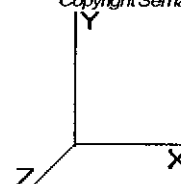
Code: ANSI/TIA-222 Rev G
 Struct Class : II
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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Calculated Forces

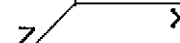
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-29.25	-30.34	0.00	-3,289.91	0.00	3,289.91	3,674.33	1,837.16	7,291.06	3,600.78	0.00	0.00	0.922
0.50	-29.14	-30.28	0.00	-3,274.74	0.00	3,274.74	3,670.29	1,835.14	7,267.54	3,589.16	0.00	-0.03	0.921
1.00	-29.03	-30.22	0.00	-3,259.60	0.00	3,259.60	3,662.62	1,831.31	7,236.89	3,574.03	0.01	-0.05	0.920
1.50	-28.92	-30.17	0.00	-3,244.49	0.00	3,244.49	3,654.86	1,827.43	7,206.12	3,558.83	0.01	-0.08	0.920
2.00	-28.81	-30.11	0.00	-3,229.41	0.00	3,229.41	3,647.09	1,823.55	7,175.41	3,543.67	0.02	-0.10	0.919
2.50	-28.70	-30.06	0.00	-3,214.35	0.00	3,214.35	3,639.33	1,819.67	7,144.77	3,528.53	0.03	-0.13	0.919
3.00	-28.59	-30.00	0.00	-3,199.33	0.00	3,199.33	3,631.57	1,815.78	7,114.19	3,513.43	0.05	-0.15	0.919
3.50	-28.48	-29.94	0.00	-3,184.33	0.00	3,184.33	3,623.81	1,811.90	7,083.68	3,498.37	0.07	-0.18	0.918
4.00	-28.37	-29.89	0.00	-3,169.35	0.00	3,169.35	3,616.04	1,808.02	7,053.24	3,483.33	0.09	-0.20	0.918
4.50	-28.25	-29.83	0.00	-3,154.41	0.00	3,154.41	3,608.28	1,804.14	7,022.86	3,468.33	0.11	-0.23	0.918
5.00	-28.14	-29.78	0.00	-3,139.49	0.00	3,139.49	3,600.52	1,800.26	6,992.55	3,453.36	0.13	-0.25	0.917
5.50	-28.03	-29.72	0.00	-3,124.61	0.00	3,124.61	3,592.76	1,796.38	6,962.30	3,438.42	0.16	-0.28	0.917
6.00	-27.92	-29.67	0.00	-3,109.75	0.00	3,109.75	3,584.99	1,792.50	6,932.12	3,423.51	0.19	-0.30	0.916
6.50	-27.81	-29.61	0.00	-3,094.91	0.00	3,094.91	3,577.23	1,788.62	6,902.00	3,408.64	0.23	-0.33	0.916
7.00	-27.70	-29.56	0.00	-3,080.11	0.00	3,080.11	3,569.47	1,784.73	6,871.95	3,393.80	0.26	-0.36	0.916
7.50	-27.59	-29.50	0.00	-3,065.33	0.00	3,065.33	3,561.71	1,780.85	6,841.97	3,378.99	0.30	-0.38	0.915
8.00	-27.48	-29.44	0.00	-3,050.58	0.00	3,050.58	3,553.94	1,776.97	6,812.05	3,364.21	0.34	-0.41	0.915
8.50	-27.36	-29.39	0.00	-3,035.86	0.00	3,035.86	3,546.18	1,773.09	6,782.20	3,349.47	0.39	-0.43	0.914
9.00	-27.24	-29.33	0.00	-3,021.16	0.00	3,021.16	3,538.42	1,769.21	6,752.41	3,334.76	0.43	-0.46	0.914
9.50	-27.12	-29.28	0.00	-3,006.50	0.00	3,006.50	3,530.65	1,765.33	6,722.68	3,320.08	0.48	-0.49	0.914
10.00	-27.00	-29.22	0.00	-2,991.86	0.00	2,991.86	3,522.89	1,761.45	6,693.03	3,305.43	0.54	-0.51	0.913
10.50	-26.89	-29.17	0.00	-2,977.24	0.00	2,977.24	3,515.13	1,757.56	6,663.43	3,290.82	0.59	-0.54	0.913
11.00	-26.77	-29.12	0.00	-2,962.66	0.00	2,962.66	3,507.37	1,753.68	6,633.91	3,276.24	0.65	-0.56	0.912
11.50	-26.65	-29.06	0.00	-2,948.10	0.00	2,948.10	3,499.60	1,749.80	6,604.45	3,261.69	0.71	-0.59	0.912
12.00	-26.53	-29.01	0.00	-2,933.57	0.00	2,933.57	3,491.84	1,745.92	6,575.05	3,247.17	0.77	-0.62	0.911
12.50	-26.41	-28.95	0.00	-2,919.07	0.00	2,919.07	3,484.08	1,742.04	6,545.72	3,232.69	0.84	-0.64	0.911
13.00	-26.30	-28.90	0.00	-2,904.60	0.00	2,904.60	3,476.32	1,738.16	6,516.46	3,218.23	0.91	-0.67	0.910
13.50	-26.18	-28.84	0.00	-2,890.15	0.00	2,890.15	3,468.55	1,734.28	6,487.26	3,203.81	0.98	-0.69	0.910
14.00	-26.06	-28.79	0.00	-2,875.73	0.00	2,875.73	3,460.79	1,730.40	6,458.13	3,189.43	1.05	-0.72	0.909
14.50	-25.94	-28.73	0.00	-2,861.33	0.00	2,861.33	3,453.03	1,726.51	6,429.06	3,175.07	1.13	-0.75	0.909
15.00	-25.83	-28.68	0.00	-2,846.97	0.00	2,846.97	3,445.27	1,722.63	6,400.06	3,160.75	1.21	-0.77	0.908
15.50	-25.71	-28.62	0.00	-2,832.63	0.00	2,832.63	3,437.50	1,718.75	6,371.12	3,146.46	1.29	-0.80	0.908
16.00	-25.60	-28.57	0.00	-2,818.32	0.00	2,818.32	3,429.74	1,714.87	6,342.25	3,132.20	1.38	-0.83	0.908
16.50	-25.48	-28.52	0.00	-2,804.03	0.00	2,804.03	3,421.98	1,710.99	6,313.45	3,117.98	1.47	-0.85	0.907
17.00	-25.36	-28.46	0.00	-2,789.77	0.00	2,789.77	3,414.22	1,707.11	6,284.71	3,103.78	1.56	-0.88	0.907
17.50	-25.25	-28.41	0.00	-2,775.54	0.00	2,775.54	3,406.45	1,703.23	6,256.04	3,089.62	1.65	-0.91	0.906
18.00	-25.13	-28.35	0.00	-2,761.34	0.00	2,761.34	3,398.69	1,699.35	6,227.43	3,075.49	1.75	-0.93	0.906
18.50	-25.02	-28.30	0.00	-2,747.16	0.00	2,747.16	3,390.93	1,695.46	6,198.88	3,061.40	1.85	-0.96	0.905
19.00	-24.90	-28.25	0.00	-2,733.01	0.00	2,733.01	3,383.17	1,691.58	6,170.41	3,047.33	1.95	-0.99	0.904
19.50	-24.79	-28.19	0.00	-2,718.89	0.00	2,718.89	3,375.40	1,687.70	6,142.00	3,033.30	2.05	-1.01	0.904
20.00	-24.68	-28.14	0.00	-2,704.79	0.00	2,704.79	3,367.64	1,683.82	6,113.65	3,019.30	2.16	-1.04	0.903
20.50	-24.56	-28.09	0.00	-2,690.72	0.00	2,690.72	3,359.88	1,679.94	6,085.37	3,005.34	2.27	-1.07	0.903
21.00	-24.45	-28.03	0.00	-2,676.68	0.00	2,676.68	3,352.12	1,676.06	6,057.16	2,991.40	2.39	-1.09	0.902
21.50	-24.33	-27.98	0.00	-2,662.66	0.00	2,662.66	3,344.35	1,672.18	6,029.01	2,977.50	2.50	-1.12	0.902
22.00	-24.22	-27.93	0.00	-2,648.67	0.00	2,648.67	3,336.59	1,668.30	6,000.92	2,963.63	2.62	-1.15	0.901
22.50	-24.11	-27.87	0.00	-2,634.71	0.00	2,634.71	3,328.83	1,664.41	5,972.90	2,949.79	2.74	-1.18	0.901
23.00	-24.00	-27.82	0.00	-2,620.77	0.00	2,620.77	3,321.07	1,660.53	5,944.95	2,935.99	2.87	-1.20	0.900
23.50	-23.88	-27.77	0.00	-2,606.86	0.00	2,606.86	3,313.30	1,656.65	5,917.07	2,922.22	3.00	-1.23	0.900
24.00	-23.77	-27.71	0.00	-2,592.98	0.00	2,592.98	3,305.54	1,652.77	5,889.24	2,908.48	3.13	-1.26	0.899
24.50	-23.66	-27.66	0.00	-2,579.13	0.00	2,579.13	3,297.78	1,648.89	5,861.49	2,894.77	3.26	-1.28	0.898
25.00	-23.55	-27.61	0.00	-2,565.30	0.00	2,565.30	3,290.02	1,645.01	5,833.80	2,881.09	3.40	-1.31	0.898

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

25.50	-23.44	-27.55	0.00	-2,551.49	0.00	2,551.49	3,282.25	1,641.13	5,806.17	2,867.45	3.53	-1.34	0.897
26.00	-23.32	-27.50	0.00	-2,537.72	0.00	2,537.72	3,274.49	1,637.25	5,778.61	2,853.84	3.68	-1.37	0.897
26.50	-23.21	-27.45	0.00	-2,523.97	0.00	2,523.97	3,266.73	1,633.36	5,751.12	2,840.26	3.82	-1.39	0.896
27.00	-23.10	-27.40	0.00	-2,510.24	0.00	2,510.24	3,258.97	1,629.48	5,723.69	2,826.72	3.97	-1.42	0.895
27.50	-22.99	-27.34	0.00	-2,496.54	0.00	2,496.54	3,251.20	1,625.60	5,696.33	2,813.20	4.12	-1.45	0.895
28.00	-22.88	-27.29	0.00	-2,482.87	0.00	2,482.87	3,243.44	1,621.72	5,669.03	2,799.72	4.27	-1.48	0.894
28.50	-22.77	-27.24	0.00	-2,469.23	0.00	2,469.23	3,235.68	1,617.84	5,641.80	2,786.27	4.43	-1.50	0.894
29.00	-22.66	-27.19	0.00	-2,455.61	0.00	2,455.61	3,227.92	1,613.96	5,614.64	2,772.86	4.59	-1.53	0.893
29.50	-22.55	-27.13	0.00	-2,442.02	0.00	2,442.02	3,220.15	1,610.08	5,587.54	2,759.47	4.75	-1.56	0.892
30.00	-22.44	-27.08	0.00	-2,428.45	0.00	2,428.45	3,212.39	1,606.20	5,560.50	2,746.12	4.92	-1.59	0.892
30.50	-22.33	-27.03	0.00	-2,414.91	0.00	2,414.91	3,204.63	1,602.31	5,533.53	2,732.80	5.08	-1.62	0.891
31.00	-22.22	-26.98	0.00	-2,401.39	0.00	2,401.39	3,196.87	1,598.43	5,506.63	2,719.52	5.25	-1.64	0.890
31.50	-22.11	-26.92	0.00	-2,387.91	0.00	2,387.91	3,189.10	1,594.55	5,479.79	2,706.26	5.43	-1.67	0.890
32.00	-22.01	-26.87	0.00	-2,374.45	0.00	2,374.45	3,181.34	1,590.67	5,453.02	2,693.04	5.60	-1.70	0.889
32.50	-21.90	-26.82	0.00	-2,361.01	0.00	2,361.01	3,173.58	1,586.79	5,426.31	2,679.85	5.78	-1.73	0.888
33.00	-21.79	-26.76	0.00	-2,347.60	0.00	2,347.60	3,165.82	1,582.91	5,399.67	2,666.69	5.97	-1.76	0.888
33.50	-21.68	-26.71	0.00	-2,334.22	0.00	2,334.22	3,158.05	1,579.03	5,373.09	2,653.57	6.15	-1.78	0.887
34.00	-21.57	-26.66	0.00	-2,320.87	0.00	2,320.87	3,150.29	1,575.15	5,346.58	2,640.48	6.34	-1.81	0.886
34.50	-21.47	-26.60	0.00	-2,307.54	0.00	2,307.54	3,142.53	1,571.26	5,320.14	2,627.42	6.53	-1.84	0.885
35.00	-21.36	-26.55	0.00	-2,294.24	0.00	2,294.24	3,134.77	1,567.38	5,293.76	2,614.39	6.73	-1.87	0.885
35.50	-21.25	-26.49	0.00	-2,280.97	0.00	2,280.97	3,127.00	1,563.50	5,267.45	2,601.39	6.92	-1.90	0.884
36.00	-21.15	-26.44	0.00	-2,267.72	0.00	2,267.72	3,119.24	1,559.62	5,241.20	2,588.43	7.12	-1.93	0.883
36.50	-21.04	-26.38	0.00	-2,254.50	0.00	2,254.50	3,111.48	1,555.74	5,215.02	2,575.50	7.33	-1.95	0.882
37.00	-20.93	-26.33	0.00	-2,241.31	0.00	2,241.31	3,103.72	1,551.86	5,188.90	2,562.60	7.53	-1.98	0.882
37.50	-20.83	-26.27	0.00	-2,228.15	0.00	2,228.15	3,095.95	1,547.98	5,162.85	2,549.74	7.74	-2.01	0.881
38.00	-20.72	-26.22	0.00	-2,215.01	0.00	2,215.01	3,088.19	1,544.10	5,136.86	2,536.90	7.96	-2.04	0.880
38.50	-20.62	-26.16	0.00	-2,201.90	0.00	2,201.90	3,080.43	1,540.21	5,110.94	2,524.10	8.17	-2.07	0.879
39.00	-20.51	-26.11	0.00	-2,188.82	0.00	2,188.82	3,072.67	1,536.33	5,085.09	2,511.33	8.39	-2.10	0.879
39.50	-20.41	-26.05	0.00	-2,175.77	0.00	2,175.77	3,064.90	1,532.45	5,059.30	2,498.60	8.61	-2.13	0.878
40.00	-20.30	-25.99	0.00	-2,162.74	0.00	2,162.74	3,057.14	1,528.57	5,033.58	2,485.89	8.83	-2.15	0.877
40.50	-20.20	-25.94	0.00	-2,149.75	0.00	2,149.75	3,049.38	1,524.69	5,007.92	2,473.22	9.06	-2.18	0.876
41.00	-20.09	-25.88	0.00	-2,136.78	0.00	2,136.78	3,041.62	1,520.81	4,982.33	2,460.58	9.29	-2.21	0.875
41.50	-19.99	-25.83	0.00	-2,123.84	0.00	2,123.84	3,033.85	1,516.93	4,956.80	2,447.98	9.52	-2.24	0.874
42.00	-19.89	-25.77	0.00	-2,110.92	0.00	2,110.92	3,026.09	1,513.04	4,931.34	2,435.40	9.76	-2.27	0.874
42.50	-19.78	-25.71	0.00	-2,098.04	0.00	2,098.04	3,018.33	1,509.16	4,905.94	2,422.86	10.00	-2.30	0.873
43.00	-19.68	-25.66	0.00	-2,085.18	0.00	2,085.18	3,010.56	1,505.28	4,880.61	2,410.35	10.24	-2.33	0.872
43.50	-19.58	-25.60	0.00	-2,072.35	0.00	2,072.35	3,002.80	1,501.40	4,855.35	2,397.87	10.49	-2.36	0.871
43.58	-19.56	-25.59	0.00	-2,070.22	0.00	2,070.22	3,001.51	1,500.75	4,851.15	2,395.80	10.53	-2.36	0.871
44.00	-19.42	-25.54	0.00	-2,059.56	0.00	2,059.56	2,995.04	1,497.52	4,830.15	2,385.43	10.74	-2.39	0.870
44.50	-19.25	-25.48	0.00	-2,046.79	0.00	2,046.79	2,987.28	1,493.64	4,805.02	2,373.02	10.99	-2.41	0.869
45.00	-19.08	-25.42	0.00	-2,034.05	0.00	2,034.05	2,979.51	1,489.76	4,779.95	2,360.64	11.24	-2.44	0.868
45.50	-18.91	-25.36	0.00	-2,021.34	0.00	2,021.34	2,971.75	1,485.88	4,754.95	2,348.29	11.50	-2.47	0.867
46.00	-18.74	-25.29	0.00	-2,008.66	0.00	2,008.66	2,963.99	1,481.99	4,730.01	2,335.97	11.76	-2.50	0.866
46.50	-18.57	-25.23	0.00	-1,996.02	0.00	1,996.02	2,956.23	1,478.11	4,705.14	2,323.69	12.02	-2.53	0.866
47.00	-18.40	-25.17	0.00	-1,983.40	0.00	1,983.40	2,948.46	1,474.23	4,680.34	2,311.44	12.29	-2.56	0.865
47.50	-18.24	-25.11	0.00	-1,970.81	0.00	1,970.81	2,940.70	1,470.35	4,655.60	2,299.22	12.56	-2.59	0.864
48.00	-18.07	-25.05	0.00	-1,958.26	0.00	1,958.26	2,932.94	1,466.47	4,630.92	2,287.04	12.83	-2.62	0.863
48.50	-17.90	-24.98	0.00	-1,945.74	0.00	1,945.74	2,925.18	1,462.59	4,606.31	2,274.88	13.11	-2.65	0.862
49.00	-17.74	-24.92	0.00	-1,933.24	0.00	1,933.24	2,917.41	1,458.71	4,581.77	2,262.76	13.39	-2.68	0.861
49.50	-17.57	-24.86	0.00	-1,920.78	0.00	1,920.78	2,513.92	1,256.96	4,022.27	2,986.45	13.67	-2.71	0.974
50.00	-17.48	-24.80	0.00	-1,908.35	0.00	1,908.35	2,507.34	1,253.67	4,001.16	1,976.02	13.96	-2.74	0.973
50.50	-17.39	-24.74	0.00	-1,895.95	0.00	1,895.95	2,500.77	1,250.38	3,980.10	1,965.62	14.24	-2.77	0.972
51.00	-17.30	-24.68	0.00	-1,883.58	0.00	1,883.58	2,494.19	1,247.09	3,959.11	1,955.25	14.54	-2.80	0.971
51.50	-17.21	-24.63	0.00	-1,871.24	0.00	1,871.24	2,487.61	1,243.81	3,938.16	1,944.91	14.83	-2.84	0.969
52.00	-17.12	-24.57	0.00	-1,858.93	0.00	1,858.93	2,481.03	1,240.52	3,917.27	1,934.59	15.13	-2.87	0.968
52.50	-17.03	-24.51	0.00	-1,846.64	0.00	1,846.64	2,474.46	1,237.23	3,896.44	1,924.30	15.43	-2.90	0.967
53.00	-16.94	-24.45	0.00	-1,834.39	0.00	1,834.39	2,467.88	1,233.94	3,875.66	1,914.04	15.74	-2.94	0.966

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

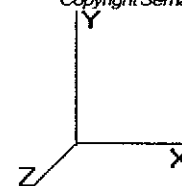
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

53.50	-16.85	-24.39	0.00	-1,822.17	0.00	1,822.17	2,461.30	1,230.65	3,854.94	1,903.81	16.05	-2.97	0.964
54.00	-16.76	-24.33	0.00	-1,809.97	0.00	1,809.97	2,454.73	1,227.36	3,834.27	1,893.60	16.36	-3.00	0.963
54.50	-16.67	-24.27	0.00	-1,797.80	0.00	1,797.80	2,448.15	1,224.07	3,813.66	1,883.42	16.68	-3.04	0.962
55.00	-16.59	-24.21	0.00	-1,785.67	0.00	1,785.67	2,441.57	1,220.79	3,793.10	1,873.27	17.00	-3.07	0.960
55.50	-16.50	-24.16	0.00	-1,773.56	0.00	1,773.56	2,434.99	1,217.50	3,772.60	1,863.15	17.32	-3.10	0.959
56.00	-16.41	-24.10	0.00	-1,761.48	0.00	1,761.48	2,428.42	1,214.21	3,752.16	1,853.05	17.65	-3.14	0.958
56.50	-16.32	-24.04	0.00	-1,749.43	0.00	1,749.43	2,421.84	1,210.92	3,731.77	1,842.98	17.98	-3.17	0.956
57.00	-16.23	-23.98	0.00	-1,737.42	0.00	1,737.42	2,415.26	1,207.63	3,711.43	1,832.94	18.31	-3.20	0.955
57.50	-16.15	-23.92	0.00	-1,725.43	0.00	1,725.43	2,408.69	1,204.34	3,691.15	1,822.92	18.65	-3.24	0.954
58.00	-16.06	-23.86	0.00	-1,713.47	0.00	1,713.47	2,402.11	1,201.05	3,670.93	1,812.94	18.99	-3.27	0.952
58.50	-15.97	-23.80	0.00	-1,701.54	0.00	1,701.54	2,395.53	1,197.77	3,650.76	1,802.98	19.34	-3.31	0.951
59.00	-15.89	-23.74	0.00	-1,689.64	0.00	1,689.64	2,388.96	1,194.48	3,630.65	1,793.04	19.68	-3.34	0.949
59.50	-15.80	-23.68	0.00	-1,677.77	0.00	1,677.77	2,382.38	1,191.19	3,610.60	1,783.14	20.04	-3.37	0.948
60.00	-15.71	-23.62	0.00	-1,665.93	0.00	1,665.93	2,375.80	1,187.90	3,590.60	1,773.26	20.39	-3.41	0.946
60.50	-15.63	-23.56	0.00	-1,654.12	0.00	1,654.12	2,369.22	1,184.61	3,570.65	1,763.41	20.75	-3.44	0.945
61.00	-15.54	-23.50	0.00	-1,642.33	0.00	1,642.33	2,362.65	1,181.32	3,550.76	1,753.59	21.11	-3.47	0.944
61.50	-15.46	-23.44	0.00	-1,630.58	0.00	1,630.58	2,356.07	1,178.03	3,530.93	1,743.79	21.48	-3.51	0.942
62.00	-15.37	-23.38	0.00	-1,618.86	0.00	1,618.86	2,349.49	1,174.75	3,511.15	1,734.03	21.85	-3.54	0.941
62.50	-15.29	-23.32	0.00	-1,607.17	0.00	1,607.17	2,342.92	1,171.46	3,491.43	1,724.28	22.22	-3.58	0.939
63.00	-15.20	-23.26	0.00	-1,595.51	0.00	1,595.51	2,336.34	1,168.17	3,471.76	1,714.57	22.59	-3.61	0.937
63.50	-15.12	-23.20	0.00	-1,583.88	0.00	1,583.88	2,329.76	1,164.88	3,452.15	1,704.89	22.97	-3.65	0.936
64.00	-15.03	-23.14	0.00	-1,572.28	0.00	1,572.28	2,323.18	1,161.59	3,432.59	1,695.23	23.36	-3.68	0.934
64.50	-14.95	-23.08	0.00	-1,560.70	0.00	1,560.70	2,316.61	1,158.30	3,413.09	1,685.60	23.75	-3.71	0.933
65.00	-14.87	-23.02	0.00	-1,549.16	0.00	1,549.16	2,310.03	1,155.01	3,393.65	1,675.99	24.14	-3.75	0.931
65.50	-14.78	-22.96	0.00	-1,537.65	0.00	1,537.65	2,303.45	1,151.73	3,374.26	1,666.42	24.53	-3.78	0.930
66.00	-14.70	-22.90	0.00	-1,526.17	0.00	1,526.17	2,296.88	1,148.44	3,354.92	1,656.87	24.93	-3.82	0.928
66.50	-14.62	-22.84	0.00	-1,514.71	0.00	1,514.71	2,290.30	1,145.15	3,335.65	1,647.35	25.33	-3.85	0.926
67.00	-14.53	-22.78	0.00	-1,503.29	0.00	1,503.29	2,283.72	1,141.86	3,316.42	1,637.86	25.73	-3.89	0.925
67.50	-14.45	-22.72	0.00	-1,491.90	0.00	1,491.90	2,277.14	1,138.57	3,297.26	1,628.39	26.14	-3.92	0.923
68.00	-14.37	-22.66	0.00	-1,480.54	0.00	1,480.54	2,270.57	1,135.28	3,278.14	1,618.95	26.56	-3.95	0.921
68.50	-14.29	-22.60	0.00	-1,469.21	0.00	1,469.21	2,263.99	1,131.99	3,259.09	1,609.54	26.97	-3.99	0.920
69.00	-14.20	-22.54	0.00	-1,457.91	0.00	1,457.91	2,257.41	1,128.71	3,240.09	1,600.16	27.39	-4.02	0.918
69.50	-14.12	-22.48	0.00	-1,446.63	0.00	1,446.63	2,250.84	1,125.42	3,221.14	1,590.80	27.81	-4.06	0.916
70.00	-14.04	-22.42	0.00	-1,435.39	0.00	1,435.39	2,244.26	1,122.13	3,202.25	1,581.47	28.24	-4.09	0.914
70.50	-13.96	-22.36	0.00	-1,424.18	0.00	1,424.18	2,237.68	1,118.84	3,183.42	1,572.17	28.67	-4.13	0.913
71.00	-13.88	-22.30	0.00	-1,413.00	0.00	1,413.00	2,231.10	1,115.55	3,164.64	1,562.90	29.10	-4.16	0.911
71.50	-13.80	-22.24	0.00	-1,401.85	0.00	1,401.85	2,224.53	1,112.26	3,145.92	1,553.65	29.54	-4.20	0.909
72.00	-13.72	-22.18	0.00	-1,390.73	0.00	1,390.73	2,217.95	1,108.97	3,127.25	1,544.43	29.98	-4.23	0.907
72.50	-13.64	-22.12	0.00	-1,379.63	0.00	1,379.63	2,211.37	1,105.69	3,108.64	1,535.24	30.43	-4.27	0.905
73.00	-13.56	-22.06	0.00	-1,368.57	0.00	1,368.57	2,204.80	1,102.40	3,090.08	1,526.08	30.88	-4.30	0.903
73.50	-13.48	-22.00	0.00	-1,357.54	0.00	1,357.54	2,198.22	1,099.11	3,071.58	1,516.94	31.33	-4.34	0.901
74.00	-13.40	-21.94	0.00	-1,346.54	0.00	1,346.54	2,191.64	1,095.82	3,053.14	1,507.83	31.78	-4.37	0.900
74.50	-13.32	-21.88	0.00	-1,335.57	0.00	1,335.57	2,185.06	1,092.53	3,034.75	1,498.75	32.24	-4.40	0.898
75.00	-13.24	-21.82	0.00	-1,324.63	0.00	1,324.63	2,178.49	1,089.24	3,016.41	1,489.69	32.70	-4.44	0.896
75.50	-13.16	-21.76	0.00	-1,313.72	0.00	1,313.72	2,171.91	1,085.95	2,998.14	1,480.67	33.17	-4.47	0.894
76.00	-13.08	-21.70	0.00	-1,302.84	0.00	1,302.84	2,165.33	1,082.67	2,979.91	1,471.67	33.64	-4.51	0.892
76.50	-13.00	-21.64	0.00	-1,291.99	0.00	1,291.99	2,158.76	1,079.38	2,961.75	1,462.70	34.12	-4.54	0.890
77.00	-12.92	-21.58	0.00	-1,281.17	0.00	1,281.17	2,152.18	1,076.09	2,943.64	1,453.75	34.59	-4.58	0.888
77.50	-12.84	-21.52	0.00	-1,270.38	0.00	1,270.38	2,145.60	1,072.80	2,925.58	1,444.83	35.07	-4.61	0.886
78.00	-12.77	-21.46	0.00	-1,259.62	0.00	1,259.62	2,139.02	1,069.51	2,907.58	1,435.94	35.56	-4.65	0.884
78.50	-12.69	-21.40	0.00	-1,248.89	0.00	1,248.89	2,132.45	1,066.22	2,889.63	1,427.08	36.05	-4.68	0.881
79.00	-12.61	-21.34	0.00	-1,238.19	0.00	1,238.19	2,125.87	1,062.94	2,871.74	1,418.25	36.54	-4.72	0.879
79.50	-12.53	-21.28	0.00	-1,227.52	0.00	1,227.52	2,119.29	1,059.65	2,853.91	1,409.44	37.04	-4.76	0.877
80.00	-12.46	-21.22	0.00	-1,216.88	0.00	1,216.88	2,112.72	1,056.36	2,836.13	1,400.66	37.53	-4.79	0.875
80.50	-12.38	-21.16	0.00	-1,206.27	0.00	1,206.27	2,106.14	1,053.07	2,818.41	1,391.91	38.04	-4.83	0.873
81.00	-12.30	-21.10	0.00	-1,195.69	0.00	1,195.69	2,099.56	1,049.78	2,800.74	1,383.18	38.54	-4.86	0.871
81.50	-12.23	-21.04	0.00	-1,185.14	0.00	1,185.14	2,092.98	1,046.49	2,783.13	1,374.48	39.06	-4.90	0.868

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

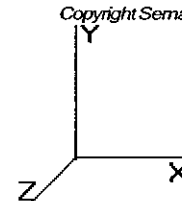
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

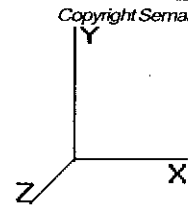
82.00	-12.15	-20.98	0.00	-1,174.62	0.00	1,174.62	2,086.41	1,043.20	2,765.57	1,365.81	39.57	-4.93	0.866
82.50	-12.08	-20.92	0.00	-1,164.13	0.00	1,164.13	2,079.83	1,039.92	2,748.07	1,357.17	40.09	-4.97	0.864
83.00	-12.00	-20.86	0.00	-1,153.67	0.00	1,153.67	2,073.25	1,036.63	2,730.63	1,348.55	40.61	-5.00	0.862
83.50	-11.93	-20.80	0.00	-1,143.24	0.00	1,143.24	2,066.68	1,033.34	2,713.24	1,339.97	41.13	-5.04	0.859
84.00	-11.85	-20.74	0.00	-1,132.84	0.00	1,132.84	2,060.10	1,030.05	2,695.90	1,331.41	41.66	-5.07	0.857
84.50	-11.78	-20.68	0.00	-1,122.47	0.00	1,122.47	2,053.52	1,026.76	2,678.63	1,322.87	42.20	-5.11	0.855
85.00	-11.70	-20.62	0.00	-1,112.14	0.00	1,112.14	2,046.94	1,023.47	2,661.40	1,314.37	42.73	-5.14	0.852
85.50	-11.63	-20.56	0.00	-1,101.83	0.00	1,101.83	2,040.37	1,020.18	2,644.24	1,305.89	43.27	-5.18	0.850
86.00	-11.56	-20.50	0.00	-1,091.55	0.00	1,091.55	2,033.79	1,016.90	2,627.12	1,297.44	43.81	-5.21	0.847
86.09	-11.54	-20.49	0.00	-1,089.77	0.00	1,089.77	2,032.65	1,016.33	2,624.16	1,295.98	43.91	-5.22	0.847
86.50	-11.44	-20.43	0.00	-1,081.30	0.00	1,081.30	2,027.21	1,013.61	2,610.07	1,289.01	44.36	-5.25	0.845
87.00	-11.33	-20.37	0.00	-1,071.09	0.00	1,071.09	2,020.64	1,010.32	2,593.07	1,280.62	44.91	-5.28	0.842
87.50	-11.21	-20.30	0.00	-1,060.90	0.00	1,060.90	2,014.06	1,007.03	2,576.12	1,272.25	45.47	-5.32	0.840
88.00	-11.09	-20.24	0.00	-1,050.75	0.00	1,050.75	2,007.48	1,003.74	2,559.23	1,263.91	46.03	-5.35	0.837
88.50	-10.98	-20.17	0.00	-1,040.63	0.00	1,040.63	2,000.90	1,000.45	2,542.40	1,255.60	46.59	-5.39	0.835
89.00	-10.86	-20.11	0.00	-1,030.54	0.00	1,030.54	1,994.33	997.16	2,525.62	1,247.31	47.15	-5.43	0.832
89.50	-10.75	-20.04	0.00	-1,020.49	0.00	1,020.49	1,987.75	993.88	2,508.90	1,239.05	47.72	-5.46	0.829
90.00	-10.63	-19.98	0.00	-1,010.47	0.00	1,010.47	1,981.17	990.59	2,492.23	1,230.82	48.30	-5.50	0.827
90.50	-10.52	-19.91	0.00	-1,000.48	0.00	1,000.48	1,974.60	987.30	2,475.62	1,222.61	48.87	-5.53	0.824
91.00	-10.41	-19.85	0.00	-990.52	0.00	990.52	1,968.02	984.01	2,459.06	1,214.44	49.45	-5.57	0.821
91.00	-10.40	-19.85	0.00	-990.45	0.00	990.45	1,640.64	820.32	2,096.83	1,035.55	49.46	-5.57	0.963
91.50	-10.34	-19.79	0.00	-980.60	0.00	980.60	1,635.31	817.65	2,083.15	1,028.79	50.04	-5.60	0.960
92.00	-10.27	-19.73	0.00	-970.70	0.00	970.70	1,629.93	814.97	2,069.42	1,022.01	50.63	-5.64	0.957
92.50	-10.21	-19.67	0.00	-960.84	0.00	960.84	1,624.56	812.28	2,055.74	1,015.25	51.22	-5.68	0.953
93.00	-10.14	-19.61	0.00	-951.00	0.00	951.00	1,619.19	809.59	2,042.11	1,008.52	51.82	-5.72	0.950
93.50	-10.08	-19.55	0.00	-941.20	0.00	941.20	1,613.82	806.91	2,028.52	1,001.81	52.42	-5.77	0.946
94.00	-10.02	-19.49	0.00	-931.42	0.00	931.42	1,608.44	804.22	2,014.97	995.12	53.02	-5.81	0.943
94.50	-9.95	-19.44	0.00	-921.67	0.00	921.67	1,603.07	801.54	2,001.47	988.45	53.63	-5.85	0.939
95.00	-9.89	-19.38	0.00	-911.96	0.00	911.96	1,597.70	798.85	1,988.02	981.81	54.24	-5.89	0.936
95.50	-9.83	-19.32	0.00	-902.27	0.00	902.27	1,592.33	796.16	1,974.61	975.18	54.86	-5.93	0.932
96.00	-9.77	-19.26	0.00	-892.61	0.00	892.61	1,586.95	793.48	1,961.24	968.58	55.48	-5.97	0.928
96.50	-9.70	-19.20	0.00	-882.98	0.00	882.98	1,581.58	790.79	1,947.92	962.01	56.11	-6.01	0.925
97.00	-9.64	-19.14	0.00	-873.38	0.00	873.38	1,576.21	788.10	1,934.65	955.45	56.74	-6.05	0.921
97.50	-9.58	-19.08	0.00	-863.81	0.00	863.81	1,570.84	785.42	1,921.42	948.92	57.38	-6.09	0.917
98.00	-9.52	-19.02	0.00	-854.27	0.00	854.27	1,565.46	782.73	1,908.24	942.41	58.01	-6.13	0.913
98.50	-9.46	-18.97	0.00	-844.76	0.00	844.76	1,560.09	780.05	1,895.10	935.92	58.66	-6.17	0.909
99.00	-9.40	-18.91	0.00	-835.27	0.00	835.27	1,554.72	777.36	1,882.01	929.46	59.31	-6.21	0.905
99.50	-9.33	-18.85	0.00	-825.82	0.00	825.82	1,549.35	774.67	1,868.97	923.01	59.96	-6.25	0.901
100.00	-9.27	-18.79	0.00	-816.40	0.00	816.40	1,543.97	771.99	1,855.97	916.59	60.61	-6.29	0.897
100.50	-9.21	-18.73	0.00	-807.00	0.00	807.00	1,538.60	769.30	1,843.01	910.19	61.27	-6.33	0.893
101.00	-9.15	-18.67	0.00	-797.64	0.00	797.64	1,533.23	766.61	1,830.10	903.82	61.94	-6.37	0.889
101.50	-9.09	-18.62	0.00	-788.30	0.00	788.30	1,527.85	763.93	1,817.24	897.46	62.61	-6.41	0.885
102.00	-9.03	-18.56	0.00	-778.99	0.00	778.99	1,522.48	761.24	1,804.42	891.13	63.28	-6.45	0.881
102.50	-8.97	-18.50	0.00	-769.71	0.00	769.71	1,517.11	758.55	1,791.64	884.82	63.95	-6.49	0.876
103.00	-8.91	-18.44	0.00	-760.46	0.00	760.46	1,511.74	755.87	1,778.91	878.54	64.64	-6.53	0.872
103.50	-8.85	-18.38	0.00	-751.24	0.00	751.24	1,506.36	753.18	1,766.23	872.27	65.32	-6.57	0.868
104.00	-8.80	-18.32	0.00	-742.05	0.00	742.05	1,500.99	750.50	1,753.59	866.03	66.01	-6.61	0.863
104.50	-8.74	-18.27	0.00	-732.89	0.00	732.89	1,495.62	747.81	1,741.00	859.81	66.70	-6.65	0.859
105.00	-8.68	-18.21	0.00	-723.76	0.00	723.76	1,490.25	745.12	1,728.45	853.62	67.40	-6.69	0.854
105.50	-8.62	-18.15	0.00	-714.65	0.00	714.65	1,484.87	742.44	1,715.95	847.44	68.10	-6.73	0.850
106.00	-8.56	-18.09	0.00	-705.58	0.00	705.58	1,479.50	739.75	1,703.50	841.29	68.81	-6.77	0.845
106.50	-8.50	-18.04	0.00	-696.53	0.00	696.53	1,474.13	737.06	1,691.08	835.16	69.52	-6.81	0.840
107.00	-8.45	-17.98	0.00	-687.51	0.00	687.51	1,468.76	734.38	1,678.72	829.06	70.23	-6.85	0.836
107.50	-8.39	-17.92	0.00	-678.52	0.00	678.52	1,463.38	731.69	1,666.40	822.97	70.95	-6.89	0.831
108.00	-8.33	-17.86	0.00	-669.56	0.00	669.56	1,458.01	729.01	1,654.12	816.91	71.67	-6.93	0.826
108.50	-8.28	-17.81	0.00	-660.63	0.00	660.63	1,452.64	726.32	1,641.89	810.87	72.40	-6.97	0.821
109.00	-8.22	-17.75	0.00	-651.73	0.00	651.73	1,447.27	723.63	1,629.71	804.85	73.13	-7.01	0.816

Pole : 302524
Location : Beacon Falls, CT
Height : 173.0 (ft)
Shape : 12 Sides
Base Dia : 48.50 (in)
Top Dia : 8.400 (in)
Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

109.50	-8.16	-17.69	0.00	-642.86	0.00	642.86	1,441.89	720.95	1,617.57	798.86	73.86	-7.05	0.811
110.00	-8.11	-17.63	0.00	-634.01	0.00	634.01	1,436.52	718.26	1,605.48	792.89	74.60	-7.09	0.806
110.50	-8.05	-17.58	0.00	-625.19	0.00	625.19	1,431.15	715.57	1,593.43	786.94	75.34	-7.12	0.801
111.00	-8.00	-17.52	0.00	-616.40	0.00	616.40	1,425.78	712.89	1,581.43	781.01	76.09	-7.16	0.795
111.50	-7.94	-17.46	0.00	-607.64	0.00	607.64	1,420.40	710.20	1,569.47	775.10	76.84	-7.20	0.790
112.00	-7.88	-17.41	0.00	-598.91	0.00	598.91	1,415.03	707.52	1,557.56	769.22	77.60	-7.24	0.785
112.50	-7.83	-17.35	0.00	-590.21	0.00	590.21	1,409.66	704.83	1,545.69	763.36	78.35	-7.28	0.779
113.00	-7.77	-17.29	0.00	-581.54	0.00	581.54	1,404.29	702.14	1,533.87	757.52	79.12	-7.32	0.774
113.50	-7.72	-17.24	0.00	-572.89	0.00	572.89	1,398.91	699.46	1,522.10	751.71	79.88	-7.36	0.768
114.00	-7.67	-17.18	0.00	-564.27	0.00	564.27	1,393.54	696.77	1,510.37	745.91	80.65	-7.39	0.763
114.50	-7.61	-17.12	0.00	-555.68	0.00	555.68	1,388.17	694.08	1,498.68	740.14	81.43	-7.43	0.757
115.00	-7.56	-17.07	0.00	-547.12	0.00	547.12	1,382.79	691.40	1,487.04	734.39	82.21	-7.47	0.751
115.50	-7.50	-17.01	0.00	-538.59	0.00	538.59	1,377.42	688.71	1,475.45	728.67	82.99	-7.51	0.745
116.00	-7.45	-16.95	0.00	-530.08	0.00	530.08	1,372.05	686.02	1,463.90	722.97	83.77	-7.54	0.739
116.50	-7.40	-16.90	0.00	-521.61	0.00	521.61	1,366.68	683.34	1,452.40	717.28	84.56	-7.58	0.733
117.00	-7.35	-16.84	0.00	-513.16	0.00	513.16	1,361.30	680.65	1,440.94	711.63	85.36	-7.62	0.727
117.50	-7.29	-16.79	0.00	-504.74	0.00	504.74	1,355.93	677.97	1,429.53	705.99	86.16	-7.65	0.721
118.00	-7.24	-16.73	0.00	-496.35	0.00	496.35	1,350.56	675.28	1,418.16	700.38	86.96	-7.69	0.715
118.50	-7.19	-16.67	0.00	-487.98	0.00	487.98	1,345.19	672.59	1,406.84	694.78	87.76	-7.73	0.708
119.00	-7.14	-16.62	0.00	-479.64	0.00	479.64	1,339.81	669.91	1,395.56	689.21	88.57	-7.76	0.702
119.50	-7.09	-16.56	0.00	-471.34	0.00	471.34	1,334.44	667.22	1,384.33	683.67	89.38	-7.80	0.695
120.00	-7.03	-16.51	0.00	-463.06	0.00	463.06	1,329.07	664.53	1,373.14	678.14	90.20	-7.84	0.689
120.50	-6.99	-16.45	0.00	-454.80	0.00	454.80	1,323.70	661.85	1,362.00	672.64	91.02	-7.87	0.682
120.83	-6.95	-16.41	0.00	-449.38	0.00	449.38	1,320.15	660.08	1,354.68	669.02	91.56	-7.90	0.678
121.00	-6.92	-16.39	0.00	-446.58	0.00	446.58	1,318.32	659.16	1,350.91	667.16	91.84	-7.91	0.675
121.50	-6.85	-16.33	0.00	-438.39	0.00	438.39	1,312.95	656.48	1,339.86	661.71	92.67	-7.94	0.668
122.00	-6.78	-16.27	0.00	-430.22	0.00	430.22	1,307.58	653.79	1,328.86	656.27	93.50	-7.98	0.661
122.50	-6.71	-16.22	0.00	-422.08	0.00	422.08	1,302.21	651.10	1,317.90	650.86	94.34	-8.01	0.654
123.00	-6.63	-16.16	0.00	-413.98	0.00	413.98	1,296.83	648.42	1,306.98	645.47	95.18	-8.05	0.647
123.50	-6.56	-16.10	0.00	-405.90	0.00	405.90	1,291.46	645.73	1,296.12	640.10	96.02	-8.08	0.640
124.00	-6.49	-16.04	0.00	-397.85	0.00	397.85	1,286.09	643.04	1,285.29	634.76	96.86	-8.12	0.632
124.50	-6.42	-15.98	0.00	-389.83	0.00	389.83	1,280.72	640.36	1,274.52	629.44	97.71	-8.15	0.625
125.00	-6.35	-15.92	0.00	-381.90	0.00	381.90	826.04	413.02	837.83	413.77	98.56	-8.18	0.932
125.00	-6.34	-15.92	0.00	-381.84	0.00	381.84	826.03	413.01	837.80	413.76	98.57	-8.18	0.932
125.50	-6.30	-15.87	0.00	-373.88	0.00	373.88	824.51	412.25	832.77	411.27	99.42	-8.23	0.918
126.00	-6.26	-15.82	0.00	-365.95	0.00	365.95	822.97	411.49	827.74	408.79	100.28	-8.28	0.904
126.50	-6.22	-15.76	0.00	-358.04	0.00	358.04	821.42	410.71	822.71	406.31	101.15	-8.32	0.890
127.00	-6.18	-15.71	0.00	-350.16	0.00	350.16	819.85	409.93	817.68	403.82	102.02	-8.37	0.876
127.50	-6.14	-15.66	0.00	-342.30	0.00	342.30	818.27	409.13	812.65	401.34	102.90	-8.41	0.862
128.00	-6.10	-15.61	0.00	-334.47	0.00	334.47	816.67	408.33	807.61	398.85	103.78	-8.46	0.848
128.50	-6.06	-15.55	0.00	-326.67	0.00	326.67	815.05	407.53	802.57	396.36	104.66	-8.50	0.833
129.00	-6.02	-15.50	0.00	-318.89	0.00	318.89	813.42	406.71	797.53	393.87	105.55	-8.55	0.818
129.50	-5.98	-15.45	0.00	-311.14	0.00	311.14	811.78	405.89	792.49	391.38	106.45	-8.59	0.804
130.00	-5.94	-15.40	0.00	-303.41	0.00	303.41	810.12	405.06	787.44	388.89	107.35	-8.63	0.789
130.50	-5.90	-15.35	0.00	-295.71	0.00	295.71	808.44	404.22	782.40	386.40	108.25	-8.67	0.774
131.00	-5.86	-15.30	0.00	-288.04	0.00	288.04	806.74	403.37	777.35	383.91	109.16	-8.72	0.759
131.50	-5.83	-15.24	0.00	-280.39	0.00	280.39	805.03	402.52	772.31	381.41	110.07	-8.76	0.744
132.00	-5.79	-15.19	0.00	-272.77	0.00	272.77	803.31	401.65	767.26	378.92	110.99	-8.80	0.728
132.50	-5.75	-15.14	0.00	-265.18	0.00	265.18	801.57	400.78	762.21	376.43	111.91	-8.84	0.713
133.00	-5.71	-15.09	0.00	-257.61	0.00	257.61	799.81	399.91	757.17	373.94	112.83	-8.88	0.697
133.50	-5.68	-15.04	0.00	-250.06	0.00	250.06	798.04	399.02	752.12	371.44	113.76	-8.92	0.682
134.00	-5.64	-14.99	0.00	-242.54	0.00	242.54	796.25	398.13	747.07	368.95	114.69	-8.95	0.666
134.50	-5.60	-14.93	0.00	-235.05	0.00	235.05	794.45	397.22	742.02	366.46	115.63	-8.99	0.650
135.00	-5.57	-14.88	0.00	-227.58	0.00	227.58	792.63	396.32	736.98	363.97	116.57	-9.03	0.634
135.50	-5.53	-14.83	0.00	-220.14	0.00	220.14	790.80	395.40	731.93	361.47	117.51	-9.06	0.617
136.00	-5.50	-14.78	0.00	-212.73	0.00	212.73	788.95	394.47	726.89	358.98	118.46	-9.10	0.601
136.50	-5.46	-14.73	0.00	-205.34	0.00	205.34	787.08	393.54	721.84	356.49	119.41	-9.13	0.584

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

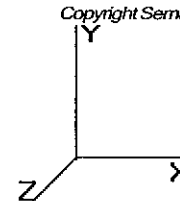
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

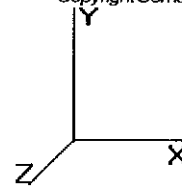
137.00	-5.43	-14.68	0.00	-197.97	0.00	197.97	783.60	391.80	715.34	353.28	120.36	-9.17	0.569
137.50	-4.24	-11.13	0.00	-190.63	0.00	190.63	780.00	390.00	708.77	350.03	121.32	-9.20	0.551
138.00	-4.21	-11.08	0.00	-185.07	0.00	185.07	776.41	388.20	702.22	346.80	122.28	-9.23	0.540
138.50	-4.18	-11.03	0.00	-179.53	0.00	179.53	772.81	386.41	695.71	343.58	123.25	-9.26	0.529
139.00	-4.15	-10.98	0.00	-174.01	0.00	174.01	769.22	384.61	689.22	340.38	124.22	-9.30	0.517
139.50	-4.13	-10.93	0.00	-168.53	0.00	168.53	765.62	382.81	682.77	337.19	125.19	-9.33	0.506
140.00	-4.10	-10.88	0.00	-163.06	0.00	163.06	762.03	381.01	676.34	334.02	126.16	-9.36	0.494
140.50	-4.07	-10.83	0.00	-157.62	0.00	157.62	758.43	379.22	669.95	330.86	127.14	-9.39	0.483
141.00	-4.05	-10.78	0.00	-152.21	0.00	152.21	754.84	377.42	663.59	327.72	128.12	-9.42	0.471
141.50	-4.02	-10.73	0.00	-146.82	0.00	146.82	751.25	375.62	657.26	324.59	129.10	-9.44	0.458
142.00	-3.99	-10.68	0.00	-141.46	0.00	141.46	747.65	373.83	650.95	321.48	130.09	-9.47	0.446
142.50	-3.97	-10.63	0.00	-136.12	0.00	136.12	744.06	372.03	644.68	318.38	131.08	-9.50	0.434
143.00	-3.94	-10.58	0.00	-130.81	0.00	130.81	740.46	370.23	638.44	315.30	132.07	-9.53	0.421
143.50	-3.92	-10.53	0.00	-125.52	0.00	125.52	736.87	368.43	632.23	312.23	133.06	-9.55	0.408
144.00	-3.89	-10.48	0.00	-120.25	0.00	120.25	733.27	366.64	626.05	309.18	134.06	-9.58	0.395
144.50	-3.87	-10.43	0.00	-115.01	0.00	115.01	729.68	364.84	619.90	306.15	135.06	-9.60	0.382
145.00	-3.84	-10.38	0.00	-109.80	0.00	109.80	726.08	363.04	613.78	303.12	136.06	-9.62	0.368
145.50	-3.82	-10.33	0.00	-104.61	0.00	104.61	722.49	361.24	607.69	300.12	137.07	-9.65	0.355
146.00	-3.79	-10.28	0.00	-99.44	0.00	99.44	718.90	359.45	601.63	297.12	138.08	-9.67	0.341
146.50	-3.77	-10.24	0.00	-94.30	0.00	94.30	715.30	357.65	595.60	294.15	139.09	-9.69	0.327
147.00	-3.75	-10.19	0.00	-89.18	0.00	89.18	711.71	355.85	589.60	291.18	140.10	-9.71	0.312
147.50	-3.72	-10.14	0.00	-84.09	0.00	84.09	708.11	354.06	583.64	288.24	141.11	-9.73	0.298
148.00	-2.40	-5.82	0.00	-79.02	0.00	79.02	704.52	352.26	577.70	285.30	142.13	-9.75	0.281
148.50	-2.38	-5.77	0.00	-76.11	0.00	76.11	700.92	350.46	571.79	282.39	143.14	-9.77	0.273
149.00	-2.36	-5.72	0.00	-73.23	0.00	73.23	697.33	348.66	565.91	279.48	144.16	-9.79	0.266
149.50	-2.35	-5.67	0.00	-70.37	0.00	70.37	693.73	346.87	560.07	276.60	145.18	-9.80	0.258
150.00	-2.33	-5.63	0.00	-67.53	0.00	67.53	690.14	345.07	554.25	273.72	146.21	-9.82	0.250
150.50	-2.32	-5.58	0.00	-64.71	0.00	64.71	686.54	343.27	548.47	270.87	147.23	-9.84	0.243
151.00	-2.30	-5.53	0.00	-61.92	0.00	61.92	682.95	341.48	542.71	268.02	148.26	-9.85	0.235
151.50	-2.29	-5.49	0.00	-59.16	0.00	59.16	679.36	339.68	536.99	265.20	149.28	-9.87	0.227
152.00	-2.27	-5.44	0.00	-56.41	0.00	56.41	675.76	337.88	531.29	262.38	150.31	-9.88	0.219
152.50	-2.26	-5.40	0.00	-53.69	0.00	53.69	672.17	336.08	525.63	259.59	151.34	-9.90	0.210
153.00	-2.24	-5.35	0.00	-50.99	0.00	50.99	668.57	334.29	519.99	256.80	152.38	-9.91	0.202
153.50	-2.23	-5.30	0.00	-48.32	0.00	48.32	664.98	332.49	514.39	254.04	153.41	-9.93	0.194
154.00	-2.21	-5.26	0.00	-45.67	0.00	45.67	661.38	330.69	508.81	251.28	154.44	-9.94	0.185
154.50	-2.20	-5.21	0.00	-43.04	0.00	43.04	657.79	328.89	503.27	248.55	155.48	-9.95	0.177
155.00	-2.18	-5.17	0.00	-40.43	0.00	40.43	654.19	327.10	497.76	245.82	156.52	-9.96	0.168
155.50	-2.17	-5.12	0.00	-37.85	0.00	37.85	650.60	325.30	492.28	243.12	157.56	-9.97	0.159
156.00	-2.15	-5.08	0.00	-35.29	0.00	35.29	647.01	323.50	486.83	240.42	158.60	-9.99	0.150
156.50	-2.14	-5.03	0.00	-32.75	0.00	32.75	643.41	321.71	481.40	237.75	159.64	-10.00	0.141
157.00	-2.13	-4.99	0.00	-30.23	0.00	30.23	639.82	319.91	476.01	235.08	160.68	-10.01	0.132
157.50	-2.11	-4.94	0.00	-27.74	0.00	27.74	636.22	318.11	470.65	232.44	161.72	-10.01	0.123
158.00	-2.10	-4.90	0.00	-25.27	0.00	25.27	632.63	316.31	465.32	229.80	162.77	-10.02	0.114
158.50	-2.08	-4.86	0.00	-22.82	0.00	22.82	629.03	314.52	460.02	227.19	163.81	-10.03	0.104
159.00	-2.07	-4.81	0.00	-20.39	0.00	20.39	625.44	312.72	454.75	224.58	164.86	-10.04	0.094
159.50	-2.06	-4.77	0.00	-17.98	0.00	17.98	621.84	310.92	449.51	222.00	165.90	-10.04	0.085
160.00	-2.04	-4.73	0.00	-15.60	0.00	15.60	618.25	309.13	444.30	219.43	166.95	-10.05	0.075
160.50	-2.04	-4.73	0.00	-15.60	0.00	15.60	618.25	309.13	444.30	219.43	166.95	-10.05	0.214
160.50	-2.02	-4.70	0.00	-13.24	0.00	13.24	506.62	253.31	150.95	74.55	168.00	-10.05	0.182
161.00	-1.99	-4.68	0.00	-10.88	0.00	10.88	506.62	253.31	150.95	74.55	169.05	-10.07	0.150
161.50	-1.97	-4.65	0.00	-8.55	0.00	8.55	506.62	253.31	150.95	74.55	170.10	-10.08	0.119
162.00	-0.46	-0.93	0.00	-6.22	0.00	6.22	506.62	253.31	150.95	74.55	171.15	-10.09	0.084
162.50	-0.44	-0.90	0.00	-5.76	0.00	5.76	506.62	253.31	150.95	74.55	172.20	-10.10	0.078
163.00	-0.42	-0.88	0.00	-5.31	0.00	5.31	506.62	253.31	150.95	74.55	173.25	-10.10	0.072
163.50	-0.39	-0.85	0.00	-4.87	0.00	4.87	506.62	253.31	150.95	74.55	174.30	-10.11	0.066
164.00	-0.37	-0.83	0.00	-4.44	0.00	4.44	506.62	253.31	150.95	74.55	175.36	-10.11	0.060
164.50	-0.35	-0.81	0.00	-4.02	0.00	4.02	506.62	253.31	150.95	74.55	176.41	-10.12	0.055

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

105.00 mph with No Ice (Reduced DL)

46 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

165.00	-0.32	-0.78	0.00	-3.62	0.00	3.62	506.62	253.31	150.95	74.55	177.46	-10.12	0.049
165.50	-0.30	-0.76	0.00	-3.23	0.00	3.23	506.62	253.31	150.95	74.55	178.52	-10.13	0.044
166.00	-0.28	-0.73	0.00	-2.85	0.00	2.85	506.62	253.31	150.95	74.55	179.57	-10.13	0.039
166.50	-0.26	-0.71	0.00	-2.48	0.00	2.48	506.62	253.31	150.95	74.55	180.63	-10.13	0.034
167.00	-0.23	-0.69	0.00	-2.13	0.00	2.13	506.62	253.31	150.95	74.55	181.69	-10.14	0.029
167.50	-0.21	-0.66	0.00	-1.79	0.00	1.79	506.62	253.31	150.95	74.55	182.74	-10.14	0.024
168.00	-0.19	-0.64	0.00	-1.45	0.00	1.45	506.62	253.31	150.95	74.55	183.80	-10.14	0.020
168.50	-0.16	-0.61	0.00	-1.14	0.00	1.14	506.62	253.31	150.95	74.55	184.85	-10.14	0.016
169.00	-0.14	-0.59	0.00	-0.83	0.00	0.83	506.62	253.31	150.95	74.55	185.91	-10.14	0.011
169.50	-0.12	-0.57	0.00	-0.53	0.00	0.53	506.62	253.31	150.95	74.55	186.97	-10.14	0.007
170.00	-0.12	-0.14	0.00	-0.25	0.00	0.25	506.62	253.31	150.95	74.55	188.02	-10.14	0.004
170.50	-0.10	-0.12	0.00	-0.18	0.00	0.18	506.62	253.31	150.95	74.55	189.08	-10.14	0.003
171.00	-0.08	-0.10	0.00	-0.12	0.00	0.12	506.62	253.31	150.95	74.55	190.14	-10.14	0.002
171.50	-0.06	-0.07	0.00	-0.07	0.00	0.07	506.62	253.31	150.95	74.55	191.19	-10.14	0.001
172.00	-0.04	-0.05	0.00	-0.04	0.00	0.04	506.62	253.31	150.95	74.55	192.25	-10.14	0.001
172.50	-0.02	-0.02	0.00	-0.01	0.00	0.01	506.62	253.31	150.95	74.55	193.31	-10.14	0.000
173.00	0.00	-0.02	0.00	0.00	0.00	0.00	506.62	253.31	150.95	74.55	194.36	-10.14	0.000

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

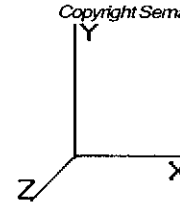
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi 45.00 mph with 1.00 in Radial Ice

44 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

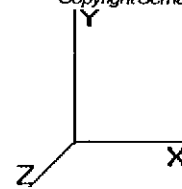
Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	3.447	3.792	0.000	1.200	0.00	0.00	0.000	0.00	0.0	0.0	0.0
0.50		1.00	0.70	3.447	3.792	0.000	1.200	1.31	0.50	2.200	2.64	10.0	42.4	170.6
1.00		1.00	0.70	3.447	3.792	0.000	1.200	1.41	0.50	2.203	2.64	10.0	45.4	173.3
1.50		1.00	0.70	3.447	3.792	0.000	1.200	1.46	0.50	2.204	2.64	10.0	47.2	174.9
2.00		1.00	0.70	3.447	3.792	0.000	1.200	1.51	0.50	2.203	2.64	10.0	48.5	176.0
2.50		1.00	0.70	3.447	3.792	0.000	1.200	1.54	0.50	2.201	2.64	10.0	49.6	176.7
3.00		1.00	0.70	3.447	3.792	0.000	1.200	1.57	0.50	2.199	2.64	10.0	50.4	177.3
3.50		1.00	0.70	3.447	3.792	0.000	1.200	1.59	0.50	2.197	2.64	10.0	51.1	177.7
4.00		1.00	0.70	3.447	3.792	0.000	1.200	1.62	0.50	2.194	2.63	10.0	51.7	178.0
4.50		1.00	0.70	3.447	3.792	0.000	1.200	1.63	0.50	2.191	2.63	10.0	52.2	178.3
5.00		1.00	0.70	3.447	3.792	0.000	1.200	1.65	0.50	2.189	2.63	10.0	52.7	178.5
5.50		1.00	0.70	3.447	3.792	0.000	1.200	1.67	0.50	2.185	2.62	9.9	53.1	178.6
6.00		1.00	0.70	3.447	3.792	0.000	1.200	1.68	0.50	2.182	2.62	9.9	53.5	178.7
6.50		1.00	0.70	3.447	3.792	0.000	1.200	1.70	0.50	2.179	2.61	9.9	53.8	178.8
7.00		1.00	0.70	3.447	3.792	0.000	1.200	1.71	0.50	2.176	2.61	9.9	54.1	178.8
7.50		1.00	0.70	3.447	3.792	0.000	1.200	1.72	0.50	2.172	2.61	9.9	54.4	178.8
8.00		1.00	0.70	3.447	3.792	0.000	1.200	1.73	0.50	2.169	2.60	9.9	54.6	178.8
8.50		1.00	0.70	3.447	3.792	0.000	1.200	1.74	0.50	2.165	2.60	9.9	54.9	178.8
9.00		1.00	0.70	3.447	3.792	0.000	1.200	1.75	0.50	2.162	2.59	9.8	55.1	178.7
9.50		1.00	0.70	3.447	3.792	0.000	1.200	1.76	0.50	2.158	2.59	9.8	55.3	178.6
10.00		1.00	0.70	3.447	3.792	0.000	1.200	1.77	0.50	2.155	2.59	9.8	55.4	178.5
10.50		1.00	0.70	3.447	3.792	0.000	1.200	1.78	0.50	2.151	2.58	9.8	55.6	178.4
11.00		1.00	0.70	3.447	3.792	0.000	1.200	1.79	0.50	2.147	2.58	9.8	55.8	178.3
11.50		1.00	0.70	3.447	3.792	0.000	1.200	1.80	0.50	2.144	2.57	9.8	55.9	178.2
12.00		1.00	0.70	3.447	3.792	0.000	1.200	1.80	0.50	2.140	2.57	9.7	56.0	178.0
12.50		1.00	0.70	3.447	3.792	0.000	1.200	1.81	0.50	2.136	2.56	9.7	56.1	177.9
13.00		1.00	0.70	3.447	3.792	0.000	1.200	1.82	0.50	2.132	2.56	9.7	56.2	177.7
13.50		1.00	0.70	3.447	3.792	0.000	1.200	1.82	0.50	2.129	2.55	9.7	56.3	177.5
14.00		1.00	0.70	3.447	3.792	0.000	1.200	1.83	0.50	2.125	2.55	9.7	56.4	177.4
14.50		1.00	0.70	3.447	3.792	0.000	1.200	1.84	0.50	2.121	2.55	9.7	56.5	177.2
15.00		1.00	0.70	3.447	3.792	0.000	1.200	1.84	0.50	2.117	2.54	9.6	56.6	177.0
15.50		1.00	0.70	3.447	3.792	0.000	1.200	1.85	0.50	2.113	2.54	9.6	56.7	176.8
16.00		1.00	0.70	3.447	3.792	0.000	1.200	1.86	0.50	2.109	2.53	9.6	56.7	176.6
16.50		1.00	0.70	3.447	3.792	0.000	1.200	1.86	0.50	2.105	2.53	9.6	56.8	176.4
17.00		1.00	0.70	3.447	3.792	0.000	1.200	1.87	0.50	2.101	2.52	9.6	56.8	176.1
17.50		1.00	0.70	3.447	3.792	0.000	1.200	1.87	0.50	2.097	2.52	9.5	56.9	175.9
18.00		1.00	0.70	3.447	3.792	0.000	1.200	1.88	0.50	2.094	2.51	9.5	56.9	175.7
18.50		1.00	0.70	3.447	3.792	0.000	1.200	1.88	0.50	2.090	2.51	9.5	57.0	175.5
19.00		1.00	0.70	3.447	3.792	0.000	1.200	1.89	0.50	2.086	2.50	9.5	57.0	175.2
19.50		1.00	0.70	3.447	3.792	0.000	1.200	1.89	0.50	2.082	2.50	9.5	57.0	175.0
20.00		1.00	0.70	3.447	3.792	0.000	1.200	1.90	0.50	2.078	2.49	9.5	57.1	174.7
20.50		1.00	0.70	3.447	3.792	0.000	1.200	1.90	0.50	2.074	2.49	9.4	57.1	174.5
21.00		1.00	0.70	3.447	3.792	0.000	1.200	1.91	0.50	2.070	2.48	9.4	57.1	174.2
21.50		1.00	0.70	3.447	3.792	0.000	1.200	1.91	0.50	2.066	2.48	9.4	57.1	174.0
22.00		1.00	0.70	3.447	3.792	0.000	1.200	1.92	0.50	2.062	2.47	9.4	57.1	173.7
22.50		1.00	0.70	3.447	3.792	0.000	1.200	1.92	0.50	2.058	2.47	9.4	57.1	173.4
23.00		1.00	0.70	3.447	3.792	0.000	1.200	1.92	0.50	2.054	2.46	9.3	57.1	173.2
23.50		1.00	0.70	3.447	3.792	0.000	1.200	1.93	0.50	2.050	2.46	9.3	57.1	172.9
24.00		1.00	0.70	3.447	3.792	0.000	1.200	1.93	0.50	2.046	2.45	9.3	57.1	172.6
24.50		1.00	0.70	3.447	3.792	0.000	1.200	1.94	0.50	2.042	2.45	9.3	57.1	172.4
25.00		1.00	0.70	3.447	3.792	0.000	1.200	1.94	0.50	2.037	2.44	9.3	57.1	172.1

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

25.50	1.00	0.70	3.447	3.792	0.000	1.200	1.94	0.50	2.033	2.44	9.3	57.1	171.8
26.00	1.00	0.70	3.447	3.792	0.000	1.200	1.95	0.50	2.029	2.44	9.2	57.1	171.5
26.50	1.00	0.70	3.447	3.792	0.000	1.200	1.95	0.50	2.025	2.43	9.2	57.1	171.2
27.00	1.00	0.70	3.447	3.792	0.000	1.200	1.96	0.50	2.021	2.43	9.2	57.1	170.9
27.50	1.00	0.70	3.447	3.792	0.000	1.200	1.96	0.50	2.017	2.42	9.2	57.0	170.7
28.00	1.00	0.70	3.447	3.792	0.000	1.200	1.96	0.50	2.013	2.42	9.2	57.0	170.4
28.50	1.00	0.70	3.447	3.792	0.000	1.200	1.97	0.50	2.009	2.41	9.1	57.0	170.1
29.00	1.00	0.70	3.447	3.792	0.000	1.200	1.97	0.50	2.005	2.41	9.1	57.0	169.8
29.50	1.00	0.70	3.447	3.792	0.000	1.200	1.97	0.50	2.001	2.40	9.1	56.9	169.5
30.00	1.00	0.70	3.450	3.795	0.000	1.200	1.98	0.50	1.997	2.40	9.1	56.9	169.2
30.50	1.00	0.70	3.467	3.813	0.000	1.200	1.98	0.50	1.993	2.39	9.1	56.9	168.9
31.00	1.00	0.70	3.483	3.831	0.000	1.200	1.98	0.50	1.988	2.39	9.1	56.8	168.6
31.50	1.00	0.71	3.499	3.849	0.000	1.200	1.99	0.50	1.984	2.38	9.2	56.8	168.2
32.00	1.00	0.71	3.514	3.866	0.000	1.200	1.99	0.50	1.980	2.38	9.2	56.8	167.9
32.50	1.00	0.71	3.530	3.883	0.000	1.200	1.99	0.50	1.976	2.37	9.2	56.7	167.6
33.00	1.00	0.72	3.546	3.900	0.000	1.200	2.00	0.50	1.972	2.37	9.2	56.7	167.3
33.50	1.00	0.72	3.561	3.917	0.000	1.200	2.00	0.50	1.968	2.36	9.2	56.7	167.0
34.00	1.00	0.72	3.576	3.933	0.000	1.200	2.00	0.50	1.964	2.36	9.3	56.6	166.7
34.50	1.00	0.72	3.591	3.950	0.000	1.200	2.00	0.50	1.960	2.35	9.3	56.6	166.4
35.00	1.00	0.73	3.606	3.966	0.000	1.200	2.01	0.50	1.955	2.35	9.3	56.5	166.1
35.50	1.00	0.73	3.620	3.982	0.000	1.200	2.01	0.50	1.951	2.34	9.3	56.5	165.7
36.00	1.00	0.73	3.635	3.998	0.000	1.200	2.01	0.50	1.947	2.34	9.3	56.4	165.4
36.50	1.00	0.74	3.649	4.014	0.000	1.200	2.02	0.50	1.943	2.33	9.4	56.4	165.1
37.00	1.00	0.74	3.663	4.030	0.000	1.200	2.02	0.50	1.939	2.33	9.4	56.3	164.8
37.50	1.00	0.74	3.677	4.045	0.000	1.200	2.02	0.50	1.935	2.32	9.4	56.3	164.4
38.00	1.00	0.75	3.691	4.060	0.000	1.200	2.02	0.50	1.931	2.32	9.4	56.2	164.1
38.50	1.00	0.75	3.705	4.076	0.000	1.200	2.03	0.50	1.926	2.31	9.4	56.1	163.8
39.00	1.00	0.75	3.719	4.091	0.000	1.200	2.03	0.50	1.922	2.31	9.4	56.1	163.5
39.50	1.00	0.75	3.732	4.106	0.000	1.200	2.03	0.50	1.918	2.30	9.5	56.0	163.1
40.00	1.00	0.76	3.746	4.120	0.000	1.200	2.03	0.50	1.914	2.30	9.5	56.0	162.8
40.50	1.00	0.76	3.759	4.135	0.000	1.200	2.04	0.50	1.910	2.29	9.5	55.9	162.5
41.00	1.00	0.76	3.772	4.150	0.000	1.200	2.04	0.50	1.906	2.29	9.5	55.8	162.1
41.50	1.00	0.76	3.785	4.164	0.000	1.200	2.04	0.50	1.901	2.28	9.5	55.8	161.8
42.00	1.00	0.77	3.798	4.178	0.000	1.200	2.04	0.50	1.897	2.28	9.5	55.7	161.5
42.50	1.00	0.77	3.811	4.192	0.000	1.200	2.05	0.50	1.893	2.27	9.5	55.6	161.1
43.00	1.00	0.77	3.824	4.206	0.000	1.200	2.05	0.50	1.889	2.27	9.5	55.6	160.8
43.50	1.00	0.77	3.837	4.220	0.000	1.200	2.05	0.50	1.885	2.26	9.5	55.5	160.4
43.58 Bot - Section 2	1.00	0.77	3.839	4.223	0.000	1.200	2.05	0.08	0.314	0.38	1.6	9.3	26.7
44.00	1.00	0.78	3.849	4.234	0.000	1.200	2.05	0.42	1.592	1.91	8.1	47.0	209.5
44.50	1.00	0.78	3.862	4.248	0.000	1.200	2.06	0.50	1.906	2.29	9.7	56.3	250.8
45.00	1.00	0.78	3.874	4.261	0.000	1.200	2.06	0.50	1.902	2.28	9.7	56.2	250.3
45.50	1.00	0.78	3.886	4.275	0.000	1.200	2.06	0.50	1.898	2.28	9.7	56.2	249.7
46.00	1.00	0.79	3.898	4.288	0.000	1.200	2.06	0.50	1.893	2.27	9.7	56.1	249.1
46.50	1.00	0.79	3.911	4.302	0.000	1.200	2.07	0.50	1.889	2.27	9.8	56.0	248.5
47.00	1.00	0.79	3.922	4.315	0.000	1.200	2.07	0.50	1.885	2.26	9.8	55.9	248.0
47.50	1.00	0.79	3.934	4.328	0.000	1.200	2.07	0.50	1.881	2.26	9.8	55.9	247.4
48.00	1.00	0.80	3.946	4.341	0.000	1.200	2.07	0.50	1.877	2.25	9.8	55.8	246.8
48.50	1.00	0.80	3.958	4.354	0.000	1.200	2.07	0.50	1.872	2.25	9.8	55.7	246.2
49.00	1.00	0.80	3.969	4.366	0.000	1.200	2.08	0.50	1.868	2.24	9.8	55.6	245.7
49.50 Top - Section 1	1.00	0.80	3.981	4.379	0.000	1.200	2.08	0.50	1.864	2.24	9.8	55.6	245.1
50.00	1.00	0.81	3.992	4.392	0.000	1.200	2.08	0.50	1.860	2.23	9.8	55.5	143.1
50.50	1.00	0.81	4.004	4.404	0.000	1.200	2.08	0.50	1.856	2.23	9.8	55.4	142.8
51.00	1.00	0.81	4.015	4.417	0.000	1.200	2.08	0.50	1.851	2.22	9.8	55.3	142.5
51.50	1.00	0.81	4.026	4.429	0.000	1.200	2.09	0.50	1.847	2.22	9.8	55.2	142.2
52.00	1.00	0.82	4.037	4.441	0.000	1.200	2.09	0.50	1.843	2.21	9.8	55.2	141.9
52.50	1.00	0.82	4.048	4.453	0.000	1.200	2.09	0.50	1.839	2.21	9.8	55.1	141.5
53.00	1.00	0.82	4.059	4.465	0.000	1.200	2.09	0.50	1.835	2.20	9.8	55.0	141.2

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

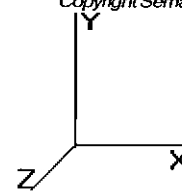
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi		45.00 mph with 1.00 in Radial Ice		44 Iterations	
Gust Response Factor : 1.10		Ice Dead Load Factor : 1.00		Wind Importance Factor : 1.00	
Dead Load Factor : 1.20				Ice Importance Factor : 1.00	
Wind Load Factor : 1.00					

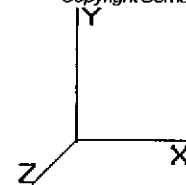
53.50	1.00	0.82	4.070	4.477	0.000	1.200	2.09	0.50	1.830	2.20	9.8	54.9	140.9
54.00	1.00	0.82	4.081	4.489	0.000	1.200	2.10	0.50	1.826	2.19	9.8	54.8	140.6
54.50	1.00	0.83	4.092	4.501	0.000	1.200	2.10	0.50	1.822	2.19	9.8	54.7	140.3
55.00	1.00	0.83	4.103	4.513	0.000	1.200	2.10	0.50	1.818	2.18	9.8	54.7	140.0
55.50	1.00	0.83	4.113	4.525	0.000	1.200	2.10	0.50	1.814	2.18	9.8	54.6	139.7
56.00	1.00	0.83	4.124	4.536	0.000	1.200	2.10	0.50	1.809	2.17	9.8	54.5	139.3
56.50	1.00	0.83	4.134	4.548	0.000	1.200	2.11	0.50	1.805	2.17	9.9	54.4	139.0
57.00	1.00	0.84	4.145	4.559	0.000	1.200	2.11	0.50	1.801	2.16	9.9	54.3	138.7
57.50	1.00	0.84	4.155	4.571	0.000	1.200	2.11	0.50	1.797	2.16	9.9	54.2	138.4
58.00	1.00	0.84	4.165	4.582	0.000	1.200	2.11	0.50	1.792	2.15	9.9	54.1	138.1
58.50	1.00	0.84	4.176	4.593	0.000	1.200	2.11	0.50	1.788	2.15	9.9	54.0	137.7
59.00	1.00	0.85	4.186	4.604	0.000	1.200	2.12	0.50	1.784	2.14	9.9	53.9	137.4
59.50	1.00	0.85	4.196	4.615	0.000	1.200	2.12	0.50	1.780	2.14	9.9	53.8	137.1
60.00	1.00	0.85	4.206	4.627	0.000	1.200	2.12	0.50	1.776	2.13	9.9	53.8	136.8
60.50	1.00	0.85	4.216	4.638	0.000	1.200	2.12	0.50	1.771	2.13	9.9	53.7	136.5
61.00	1.00	0.85	4.226	4.648	0.000	1.200	2.12	0.50	1.767	2.12	9.9	53.6	136.1
61.50	1.00	0.86	4.236	4.659	0.000	1.200	2.12	0.50	1.763	2.12	9.9	53.5	135.8
62.00	1.00	0.86	4.246	4.670	0.000	1.200	2.13	0.50	1.759	2.11	9.9	53.4	135.5
62.50	1.00	0.86	4.255	4.681	0.000	1.200	2.13	0.50	1.754	2.11	9.9	53.3	135.2
63.00	1.00	0.86	4.265	4.691	0.000	1.200	2.13	0.50	1.750	2.10	9.9	53.2	134.8
63.50	1.00	0.86	4.275	4.702	0.000	1.200	2.13	0.50	1.746	2.10	9.9	53.1	134.5
64.00	1.00	0.87	4.284	4.713	0.000	1.200	2.13	0.50	1.742	2.09	9.8	53.0	134.2
64.50	1.00	0.87	4.294	4.723	0.000	1.200	2.13	0.50	1.737	2.08	9.8	52.9	133.9
65.00	1.00	0.87	4.303	4.734	0.000	1.200	2.14	0.50	1.733	2.08	9.8	52.8	133.5
65.50	1.00	0.87	4.313	4.744	0.000	1.200	2.14	0.50	1.729	2.07	9.8	52.7	133.2
66.00	1.00	0.87	4.322	4.754	0.000	1.200	2.14	0.50	1.725	2.07	9.8	52.6	132.9
66.50	1.00	0.88	4.331	4.765	0.000	1.200	2.14	0.50	1.720	2.06	9.8	52.5	132.6
67.00	1.00	0.88	4.341	4.775	0.000	1.200	2.14	0.50	1.716	2.06	9.8	52.4	132.2
67.50	1.00	0.88	4.350	4.785	0.000	1.200	2.14	0.50	1.712	2.05	9.8	52.3	131.9
68.00	1.00	0.88	4.359	4.795	0.000	1.200	2.15	0.50	1.708	2.05	9.8	52.2	131.6
68.50	1.00	0.88	4.368	4.805	0.000	1.200	2.15	0.50	1.703	2.04	9.8	52.1	131.2
69.00	1.00	0.88	4.377	4.815	0.000	1.200	2.15	0.50	1.699	2.04	9.8	52.0	130.9
69.50	1.00	0.89	4.386	4.825	0.000	1.200	2.15	0.50	1.695	2.03	9.8	51.9	130.6
70.00	1.00	0.89	4.395	4.835	0.000	1.200	2.15	0.50	1.691	2.03	9.8	51.8	130.2
70.50	1.00	0.89	4.404	4.845	0.000	1.200	2.15	0.50	1.686	2.02	9.8	51.7	129.9
71.00	1.00	0.89	4.413	4.854	0.000	1.200	2.15	0.50	1.682	2.02	9.8	51.6	129.6
71.50	1.00	0.89	4.422	4.864	0.000	1.200	2.16	0.50	1.678	2.01	9.8	51.5	129.2
72.00	1.00	0.90	4.431	4.874	0.000	1.200	2.16	0.50	1.674	2.01	9.8	51.4	128.9
72.50	1.00	0.90	4.440	4.884	0.000	1.200	2.16	0.50	1.669	2.00	9.8	51.3	128.6
73.00	1.00	0.90	4.448	4.893	0.000	1.200	2.16	0.50	1.665	2.00	9.8	51.2	128.2
73.50	1.00	0.90	4.457	4.903	0.000	1.200	2.16	0.50	1.661	1.99	9.8	51.1	127.9
74.00	1.00	0.90	4.466	4.912	0.000	1.200	2.16	0.50	1.657	1.99	9.8	51.0	127.6
74.50	1.00	0.90	4.474	4.922	0.000	1.200	2.17	0.50	1.652	1.98	9.8	50.9	127.2
75.00	1.00	0.91	4.483	4.931	0.000	1.200	2.17	0.50	1.648	1.98	9.8	50.7	126.9
75.50	1.00	0.91	4.491	4.940	0.000	1.200	2.17	0.50	1.644	1.97	9.7	50.6	126.6
76.00	1.00	0.91	4.500	4.950	0.000	1.200	2.17	0.50	1.640	1.97	9.7	50.5	126.2
76.50	1.00	0.91	4.508	4.959	0.000	1.200	2.17	0.50	1.635	1.96	9.7	50.4	125.9
77.00	1.00	0.91	4.517	4.968	0.000	1.200	2.17	0.50	1.631	1.96	9.7	50.3	125.5
77.50	1.00	0.91	4.525	4.978	0.000	1.200	2.17	0.50	1.627	1.95	9.7	50.2	125.2
78.00	1.00	0.92	4.533	4.987	0.000	1.200	2.18	0.50	1.623	1.95	9.7	50.1	124.9
78.50	1.00	0.92	4.542	4.996	0.000	1.200	2.18	0.50	1.618	1.94	9.7	50.0	124.5
79.00	1.00	0.92	4.550	5.005	0.000	1.200	2.18	0.50	1.614	1.94	9.7	49.9	124.2
79.50	1.00	0.92	4.558	5.014	0.000	1.200	2.18	0.50	1.610	1.93	9.7	49.8	123.8
80.00	1.00	0.92	4.566	5.023	0.000	1.200	2.18	0.50	1.606	1.93	9.7	49.7	123.5
80.50	1.00	0.92	4.574	5.032	0.000	1.200	2.18	0.50	1.601	1.92	9.7	49.5	123.2
81.00	1.00	0.93	4.582	5.041	0.000	1.200	2.18	0.50	1.597	1.92	9.7	49.4	122.8
81.50	1.00	0.93	4.591	5.050	0.000	1.200	2.18	0.50	1.593	1.91	9.7	49.3	122.5

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi		45.00 mph with 1.00 in Radial Ice		44 Iterations	
Gust Response Factor : 1.10		Ice Dead Load Factor : 1.00		Wind Importance Factor : 1.00	
Dead Load Factor : 1.20				Ice Importance Factor : 1.00	
Wind Load Factor : 1.00					

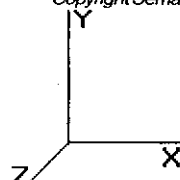
82.00		1.00	0.93	4.599	5.058	0.000	1.200	2.19	0.50	1.588	1.91	9.6	49.2	122.1
82.50		1.00	0.93	4.607	5.067	0.000	1.200	2.19	0.50	1.584	1.90	9.6	49.1	121.8
83.00		1.00	0.93	4.615	5.076	0.000	1.200	2.19	0.50	1.580	1.90	9.6	49.0	121.5
83.50		1.00	0.93	4.622	5.085	0.000	1.200	2.19	0.50	1.576	1.89	9.6	48.9	121.1
84.00		1.00	0.94	4.630	5.093	0.000	1.200	2.19	0.50	1.571	1.89	9.6	48.8	120.8
84.50		1.00	0.94	4.638	5.102	0.000	1.200	2.19	0.50	1.567	1.88	9.6	48.6	120.4
85.00		1.00	0.94	4.646	5.111	0.000	1.200	2.19	0.50	1.563	1.88	9.6	48.5	120.1
85.50		1.00	0.94	4.654	5.119	0.000	1.200	2.20	0.50	1.559	1.87	9.6	48.4	119.7
86.00		1.00	0.94	4.662	5.128	0.000	1.200	2.20	0.50	1.554	1.87	9.6	48.3	119.4
86.09	Bot - Section 3	1.00	0.94	4.663	5.129	0.000	1.200	2.20	0.09	0.269	0.32	1.7	8.4	20.7
86.50		1.00	0.94	4.669	5.136	0.000	1.200	2.20	0.41	1.301	1.56	8.0	40.5	147.9
87.00		1.00	0.95	4.677	5.145	0.000	1.200	2.20	0.50	1.570	1.88	9.7	48.9	178.4
87.50		1.00	0.95	4.685	5.153	0.000	1.200	2.20	0.50	1.566	1.88	9.7	48.8	177.8
88.00		1.00	0.95	4.692	5.162	0.000	1.200	2.20	0.50	1.561	1.87	9.7	48.6	177.3
88.50		1.00	0.95	4.700	5.170	0.000	1.200	2.20	0.50	1.557	1.87	9.7	48.5	176.8
89.00		1.00	0.95	4.707	5.178	0.000	1.200	2.20	0.50	1.553	1.86	9.6	48.4	176.2
89.50		1.00	0.95	4.715	5.187	0.000	1.200	2.21	0.50	1.549	1.86	9.6	48.3	175.7
90.00		1.00	0.95	4.723	5.195	0.000	1.200	2.21	0.50	1.544	1.85	9.6	48.2	175.2
90.50		1.00	0.96	4.730	5.203	0.000	1.200	2.21	0.50	1.540	1.85	9.6	48.1	174.6
91.00		1.00	0.96	4.737	5.211	0.000	1.200	2.21	0.50	1.536	1.84	9.6	47.9	174.1
91.00	Top - Section 2	1.00	0.96	4.738	5.211	0.000	1.200	2.21	0.00	0.010	0.01	0.1	0.3	1.2
91.50		1.00	0.96	4.745	5.219	0.000	1.200	2.21	0.50	1.521	1.83	9.5	47.5	104.3
92.00		1.00	0.96	4.752	5.227	0.000	1.200	2.21	0.50	1.527	1.83	9.6	47.7	104.7
92.50		1.00	0.96	4.760	5.236	0.000	1.200	2.21	0.50	1.523	1.83	9.6	47.6	104.4
93.00		1.00	0.96	4.767	5.244	0.000	1.200	2.21	0.50	1.519	1.82	9.6	47.5	104.1
93.50		1.00	0.96	4.774	5.252	0.000	1.200	2.22	0.50	1.514	1.82	9.5	47.4	103.8
94.00		1.00	0.97	4.782	5.260	0.000	1.200	2.22	0.50	1.510	1.81	9.5	47.2	103.5
94.50		1.00	0.97	4.789	5.268	0.000	1.200	2.22	0.50	1.506	1.81	9.5	47.1	103.2
95.00		1.00	0.97	4.796	5.276	0.000	1.200	2.22	0.50	1.502	1.80	9.5	47.0	102.8
95.50		1.00	0.97	4.803	5.284	0.000	1.200	2.22	0.50	1.497	1.80	9.5	46.9	102.5
96.00		1.00	0.97	4.810	5.291	0.000	1.200	2.22	0.50	1.493	1.79	9.5	46.8	102.2
96.50		1.00	0.97	4.818	5.299	0.000	1.200	2.22	0.50	1.489	1.79	9.5	46.6	101.9
97.00		1.00	0.98	4.825	5.307	0.000	1.200	2.22	0.50	1.484	1.78	9.5	46.5	101.6
97.50		1.00	0.98	4.832	5.315	0.000	1.200	2.22	0.50	1.480	1.78	9.4	46.4	101.3
98.00		1.00	0.98	4.839	5.323	0.000	1.200	2.23	0.50	1.476	1.77	9.4	46.3	101.0
98.50		1.00	0.98	4.846	5.330	0.000	1.200	2.23	0.50	1.472	1.77	9.4	46.1	100.7
99.00		1.00	0.98	4.853	5.338	0.000	1.200	2.23	0.50	1.467	1.76	9.4	46.0	100.4
99.50		1.00	0.98	4.860	5.346	0.000	1.200	2.23	0.50	1.463	1.76	9.4	45.9	100.1
100.0		1.00	0.98	4.867	5.354	0.000	1.200	2.23	0.50	1.459	1.75	9.4	45.8	99.8
100.5		1.00	0.99	4.874	5.361	0.000	1.200	2.23	0.50	1.454	1.75	9.4	45.7	99.4
101.0		1.00	0.99	4.881	5.369	0.000	1.200	2.23	0.50	1.450	1.74	9.3	45.5	99.1
101.5		1.00	0.99	4.888	5.376	0.000	1.200	2.23	0.50	1.446	1.74	9.3	45.4	98.8
102.0		1.00	0.99	4.894	5.384	0.000	1.200	2.23	0.50	1.442	1.73	9.3	45.3	98.5
102.5		1.00	0.99	4.901	5.391	0.000	1.200	2.24	0.50	1.437	1.72	9.3	45.2	98.2
103.0		1.00	0.99	4.908	5.399	0.000	1.200	2.24	0.50	1.433	1.72	9.3	45.0	97.9
103.5		1.00	0.99	4.915	5.406	0.000	1.200	2.24	0.50	1.429	1.71	9.3	44.9	97.6
104.0		1.00	0.99	4.922	5.414	0.000	1.200	2.24	0.50	1.424	1.71	9.3	44.8	97.3
104.5		1.00	1.00	4.928	5.421	0.000	1.200	2.24	0.50	1.420	1.70	9.2	44.7	97.0
105.0		1.00	1.00	4.935	5.429	0.000	1.200	2.24	0.50	1.416	1.70	9.2	44.5	96.6
105.5		1.00	1.00	4.942	5.436	0.000	1.200	2.24	0.50	1.412	1.69	9.2	44.4	96.3
106.0		1.00	1.00	4.949	5.443	0.000	1.200	2.24	0.50	1.407	1.69	9.2	44.3	96.0
106.5		1.00	1.00	4.955	5.451	0.000	1.200	2.24	0.50	1.403	1.68	9.2	44.2	95.7
107.0		1.00	1.00	4.962	5.458	0.000	1.200	2.25	0.50	1.399	1.68	9.2	44.0	95.4
107.5		1.00	1.00	4.968	5.465	0.000	1.200	2.25	0.50	1.394	1.67	9.1	43.9	95.1
108.0		1.00	1.01	4.975	5.473	0.000	1.200	2.25	0.50	1.390	1.67	9.1	43.8	94.8
108.5		1.00	1.01	4.982	5.480	0.000	1.200	2.25	0.50	1.386	1.66	9.1	43.7	94.5
109.0		1.00	1.01	4.988	5.487	0.000	1.200	2.25	0.50	1.382	1.66	9.1	43.5	94.1

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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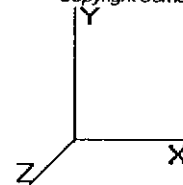
Load Case: 1.2D + 1.0Di + 1.0Wi 45.00 mph with 1.00 in Radial Ice										44 Iterations			
Gust Response Factor : 1.10					Ice Dead Load Factor : 1.00					Wind Importance Factor : 1.00			
Dead Load Factor : 1.20										Ice Importance Factor : 1.00			
Wind Load Factor : 1.00													
109.5	1.00	1.01	4.995	5.494	0.000	1.200	2.25	0.50	1.377	1.65	9.1	43.4	93.8
110.0	1.00	1.01	5.001	5.501	0.000	1.200	2.25	0.50	1.373	1.65	9.1	43.3	93.5
110.5	1.00	1.01	5.008	5.508	0.000	1.200	2.25	0.50	1.369	1.64	9.0	43.2	93.2
111.0	1.00	1.01	5.014	5.516	0.000	1.200	2.25	0.50	1.364	1.64	9.0	43.0	92.9
111.5	1.00	1.01	5.021	5.523	0.000	1.200	2.25	0.50	1.360	1.63	9.0	42.9	92.6
112.0	1.00	1.02	5.027	5.530	0.000	1.200	2.26	0.50	1.356	1.63	9.0	42.8	92.2
112.5	1.00	1.02	5.033	5.537	0.000	1.200	2.26	0.50	1.352	1.62	9.0	42.6	91.9
113.0	1.00	1.02	5.040	5.544	0.000	1.200	2.26	0.50	1.347	1.62	9.0	42.5	91.6
113.5	1.00	1.02	5.046	5.551	0.000	1.200	2.26	0.50	1.343	1.61	8.9	42.4	91.3
114.0	1.00	1.02	5.052	5.558	0.000	1.200	2.26	0.50	1.339	1.61	8.9	42.3	91.0
114.5	1.00	1.02	5.059	5.565	0.000	1.200	2.26	0.50	1.334	1.60	8.9	42.1	90.7
115.0	1.00	1.02	5.065	5.572	0.000	1.200	2.26	0.50	1.330	1.60	8.9	42.0	90.4
115.5	1.00	1.03	5.071	5.579	0.000	1.200	2.26	0.50	1.326	1.59	8.9	41.9	90.0
116.0	1.00	1.03	5.078	5.585	0.000	1.200	2.26	0.50	1.321	1.59	8.9	41.7	89.7
116.5	1.00	1.03	5.084	5.592	0.000	1.200	2.26	0.50	1.317	1.58	8.8	41.6	89.4
117.0	1.00	1.03	5.090	5.599	0.000	1.200	2.27	0.50	1.313	1.58	8.8	41.5	89.1
117.5	1.00	1.03	5.096	5.606	0.000	1.200	2.27	0.50	1.309	1.57	8.8	41.3	88.8
118.0	1.00	1.03	5.103	5.613	0.000	1.200	2.27	0.50	1.304	1.57	8.8	41.2	88.4
118.5	1.00	1.03	5.109	5.620	0.000	1.200	2.27	0.50	1.300	1.56	8.8	41.1	88.1
119.0	1.00	1.03	5.115	5.626	0.000	1.200	2.27	0.50	1.296	1.55	8.7	41.0	87.8
119.5	1.00	1.04	5.121	5.633	0.000	1.200	2.27	0.50	1.291	1.55	8.7	40.8	87.5
120.0	1.00	1.04	5.127	5.640	0.000	1.200	2.27	0.50	1.287	1.54	8.7	40.7	87.2
120.5	1.00	1.04	5.133	5.646	0.000	1.200	2.27	0.50	1.283	1.54	8.7	40.6	86.9
120.8 Bot - Section 4	1.00	1.04	5.137	5.651	0.000	1.200	2.27	0.33	0.844	1.01	5.7	26.7	57.1
121.0	1.00	1.04	5.139	5.653	0.000	1.200	2.27	0.17	0.440	0.53	3.0	13.9	40.3
121.5	1.00	1.04	5.145	5.660	0.000	1.200	2.27	0.50	1.290	1.55	8.8	40.9	118.1
122.0	1.00	1.04	5.151	5.666	0.000	1.200	2.27	0.50	1.286	1.54	8.7	40.7	117.6
122.5	1.00	1.04	5.157	5.673	0.000	1.200	2.28	0.50	1.282	1.54	8.7	40.6	117.2
123.0	1.00	1.04	5.163	5.680	0.000	1.200	2.28	0.50	1.277	1.53	8.7	40.5	116.7
123.5	1.00	1.05	5.169	5.686	0.000	1.200	2.28	0.50	1.273	1.53	8.7	40.3	116.3
124.0	1.00	1.05	5.175	5.693	0.000	1.200	2.28	0.50	1.269	1.52	8.7	40.2	115.8
124.5	1.00	1.05	5.181	5.699	0.000	1.200	2.28	0.50	1.265	1.52	8.6	40.1	115.4
125.0 Top - Section 3	1.00	1.05	5.187	5.706	0.000	1.200	2.28	0.50	1.252	1.50	8.6	39.7	114.2
125.0	1.00	1.05	5.187	5.706	0.000	1.200	2.28	0.00	0.009	0.01	0.1	0.3	0.5
125.5	1.00	1.05	5.193	5.712	0.000	1.200	2.28	0.50	1.256	1.51	8.6	39.8	70.1
126.0	1.00	1.05	5.199	5.719	0.000	1.200	2.28	0.50	1.252	1.50	8.6	39.7	69.8
126.5	1.00	1.05	5.205	5.725	0.000	1.200	2.28	0.50	1.247	1.50	8.6	39.5	69.6
127.0	1.00	1.05	5.211	5.732	0.000	1.200	2.28	0.50	1.243	1.49	8.6	39.4	69.3
127.5	1.00	1.05	5.217	5.738	0.000	1.200	2.28	0.50	1.239	1.49	8.5	39.3	69.1
128.0	1.00	1.06	5.223	5.745	0.000	1.200	2.29	0.50	1.234	1.48	8.5	39.1	68.8
128.5	1.00	1.06	5.228	5.751	0.000	1.200	2.29	0.50	1.230	1.48	8.5	39.0	68.5
129.0	1.00	1.06	5.234	5.758	0.000	1.200	2.29	0.50	1.226	1.47	8.5	38.9	68.3
129.5	1.00	1.06	5.240	5.764	0.000	1.200	2.29	0.50	1.222	1.47	8.4	38.7	68.0
130.0	1.00	1.06	5.246	5.770	0.000	1.200	2.29	0.50	1.217	1.46	8.4	38.6	67.8
130.5	1.00	1.06	5.251	5.777	0.000	1.200	2.29	0.50	1.213	1.46	8.4	38.5	67.5
131.0	1.00	1.06	5.257	5.783	0.000	1.200	2.29	0.50	1.209	1.45	8.4	38.3	67.2
131.5	1.00	1.06	5.263	5.789	0.000	1.200	2.29	0.50	1.204	1.45	8.4	38.2	67.0
132.0	1.00	1.07	5.269	5.795	0.000	1.200	2.29	0.50	1.200	1.44	8.3	38.0	66.7
132.5	1.00	1.07	5.274	5.802	0.000	1.200	2.29	0.50	1.196	1.43	8.3	37.9	66.5
133.0	1.00	1.07	5.280	5.808	0.000	1.200	2.29	0.50	1.191	1.43	8.3	37.8	66.2
133.5	1.00	1.07	5.286	5.814	0.000	1.200	2.30	0.50	1.187	1.42	8.3	37.6	65.9
134.0	1.00	1.07	5.291	5.820	0.000	1.200	2.30	0.50	1.183	1.42	8.3	37.5	65.7
134.5	1.00	1.07	5.297	5.827	0.000	1.200	2.30	0.50	1.178	1.41	8.2	37.4	65.4
135.0	1.00	1.07	5.303	5.833	0.000	1.200	2.30	0.50	1.174	1.41	8.2	37.2	65.1
135.5	1.00	1.07	5.308	5.839	0.000	1.200	2.30	0.50	1.170	1.40	8.2	37.1	64.9
136.0	1.00	1.07	5.314	5.845	0.000	1.200	2.30	0.50	1.166	1.40	8.2	37.0	64.6
136.5	1.00	1.08	5.319	5.851	0.000	1.200	2.30	0.50	1.161	1.39	8.2	36.8	64.4

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi		45.00 mph with 1.00 in Radial Ice		44 Iterations	
Gust Response Factor : 1.10		Ice Dead Load Factor : 1.00		Wind Importance Factor : 1.00	
Dead Load Factor : 1.20				Ice Importance Factor : 1.00	
Wind Load Factor : 1.00					

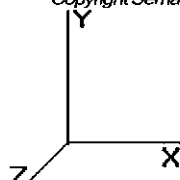
137.0		1.00	1.08	5.325	5.857	0.000	1.200	2.30	0.50	1.157	1.39	8.1	36.7	64.1
137.5	Appertunance(s)	1.00	1.08	5.330	5.863	0.000	1.200	2.30	0.50	1.153	1.38	8.1	36.5	63.8
138.0		1.00	1.08	5.336	5.870	0.000	1.200	2.30	0.50	1.148	1.38	8.1	36.4	63.6
138.5		1.00	1.08	5.341	5.876	0.000	1.200	2.30	0.50	1.144	1.37	8.1	36.3	63.3
139.0		1.00	1.08	5.347	5.882	0.000	1.200	2.30	0.50	1.140	1.37	8.0	36.1	63.0
139.5		1.00	1.08	5.352	5.888	0.000	1.200	2.31	0.50	1.135	1.36	8.0	36.0	62.8
140.0		1.00	1.08	5.358	5.894	0.000	1.200	2.31	0.50	1.131	1.36	8.0	35.9	62.5
140.5		1.00	1.08	5.363	5.900	0.000	1.200	2.31	0.50	1.127	1.35	8.0	35.7	62.3
141.0		1.00	1.09	5.369	5.906	0.000	1.200	2.31	0.50	1.122	1.35	8.0	35.6	62.0
141.5		1.00	1.09	5.374	5.912	0.000	1.200	2.31	0.50	1.118	1.34	7.9	35.4	61.7
142.0		1.00	1.09	5.380	5.918	0.000	1.200	2.31	0.50	1.114	1.34	7.9	35.3	61.5
142.5		1.00	1.09	5.385	5.924	0.000	1.200	2.31	0.50	1.110	1.33	7.9	35.2	61.2
143.0		1.00	1.09	5.390	5.930	0.000	1.200	2.31	0.50	1.105	1.33	7.9	35.0	60.9
143.5		1.00	1.09	5.396	5.935	0.000	1.200	2.31	0.50	1.101	1.32	7.8	34.9	60.7
144.0		1.00	1.09	5.401	5.941	0.000	1.200	2.31	0.50	1.097	1.32	7.8	34.7	60.4
144.5		1.00	1.09	5.407	5.947	0.000	1.200	2.31	0.50	1.092	1.31	7.8	34.6	60.1
145.0		1.00	1.09	5.412	5.953	0.000	1.200	2.31	0.50	1.088	1.31	7.8	34.5	59.9
145.5		1.00	1.10	5.417	5.959	0.000	1.200	2.32	0.50	1.084	1.30	7.7	34.3	59.6
146.0		1.00	1.10	5.423	5.965	0.000	1.200	2.32	0.50	1.079	1.30	7.7	34.2	59.3
146.5		1.00	1.10	5.428	5.971	0.000	1.200	2.32	0.50	1.075	1.29	7.7	34.1	59.1
147.0		1.00	1.10	5.433	5.976	0.000	1.200	2.32	0.50	1.071	1.28	7.7	33.9	58.8
147.5		1.00	1.10	5.438	5.982	0.000	1.200	2.32	0.50	1.066	1.28	7.7	33.8	58.5
148.0	Appertunance(s)	1.00	1.10	5.444	5.988	0.000	1.200	2.32	0.50	1.062	1.27	7.6	33.6	58.3
148.5		1.00	1.10	5.449	5.994	0.000	1.200	2.32	0.50	1.058	1.27	7.6	33.5	58.0
149.0		1.00	1.10	5.454	6.000	0.000	1.200	2.32	0.50	1.053	1.26	7.6	33.3	57.7
149.5		1.00	1.10	5.459	6.005	0.000	1.200	2.32	0.50	1.049	1.26	7.6	33.2	57.5
150.0		1.00	1.11	5.465	6.011	0.000	1.200	2.32	0.50	1.045	1.25	7.5	33.1	57.2
150.5		1.00	1.11	5.470	6.017	0.000	1.200	2.32	0.50	1.041	1.25	7.5	32.9	57.0
151.0		1.00	1.11	5.475	6.022	0.000	1.200	2.32	0.50	1.036	1.24	7.5	32.8	56.7
151.5		1.00	1.11	5.480	6.028	0.000	1.200	2.32	0.50	1.032	1.24	7.5	32.6	56.4
152.0		1.00	1.11	5.485	6.034	0.000	1.200	2.33	0.50	1.028	1.23	7.4	32.5	56.2
152.5		1.00	1.11	5.490	6.040	0.000	1.200	2.33	0.50	1.023	1.23	7.4	32.4	55.9
153.0		1.00	1.11	5.496	6.045	0.000	1.200	2.33	0.50	1.019	1.22	7.4	32.2	55.6
153.5		1.00	1.11	5.501	6.051	0.000	1.200	2.33	0.50	1.015	1.22	7.4	32.1	55.3
154.0		1.00	1.11	5.506	6.056	0.000	1.200	2.33	0.50	1.010	1.21	7.3	31.9	55.1
154.5		1.00	1.11	5.511	6.062	0.000	1.200	2.33	0.50	1.006	1.21	7.3	31.8	54.8
155.0		1.00	1.12	5.516	6.068	0.000	1.200	2.33	0.50	1.002	1.20	7.3	31.7	54.5
155.5		1.00	1.12	5.521	6.073	0.000	1.200	2.33	0.50	0.997	1.20	7.3	31.5	54.3
156.0		1.00	1.12	5.526	6.079	0.000	1.200	2.33	0.50	0.993	1.19	7.2	31.4	54.0
156.5		1.00	1.12	5.531	6.084	0.000	1.200	2.33	0.50	0.989	1.19	7.2	31.2	53.7
157.0		1.00	1.12	5.536	6.090	0.000	1.200	2.33	0.50	0.984	1.18	7.2	31.1	53.5
157.5		1.00	1.12	5.541	6.095	0.000	1.200	2.33	0.50	0.980	1.18	7.2	30.9	53.2
158.0		1.00	1.12	5.546	6.101	0.000	1.200	2.33	0.50	0.976	1.17	7.1	30.8	52.9
158.5		1.00	1.12	5.551	6.106	0.000	1.200	2.34	0.50	0.971	1.17	7.1	30.7	52.7
159.0		1.00	1.12	5.556	6.112	0.000	1.200	2.34	0.50	0.967	1.16	7.1	30.5	52.4
159.5		1.00	1.12	5.561	6.117	0.000	1.200	2.34	0.50	0.963	1.16	7.1	30.4	52.1
160.0	Top - Section 4	1.00	1.13	5.566	6.123	0.000	1.200	2.34	0.50	0.958	1.15	7.0	30.2	51.9
160.5		1.00	1.13	5.571	6.128	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.0
161.0		1.00	1.13	5.576	6.134	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.0
161.5		1.00	1.13	5.581	6.139	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.0
162.0	Appertunance(s)	1.00	1.13	5.586	6.145	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.0
162.5		1.00	1.13	5.591	6.150	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.1
163.0		1.00	1.13	5.596	6.156	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.1
163.5		1.00	1.13	5.601	6.161	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.1
164.0		1.00	1.13	5.606	6.166	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.1
164.5		1.00	1.13	5.611	6.172	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.1
165.0		1.00	1.14	5.615	6.177	0.000	1.200	2.34	0.50	0.958	0.67	4.1	16.2	49.1

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

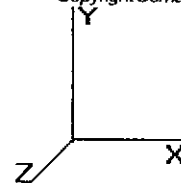
165.5		1.00	1.14	5.620	6.182	0.000	1.200	2.35	0.50	0.558	0.67	4.1	16.3	49.1
166.0		1.00	1.14	5.625	6.188	0.000	1.200	2.35	0.50	0.558	0.67	4.1	16.3	49.1
166.5		1.00	1.14	5.630	6.193	0.000	1.200	2.35	0.50	0.558	0.67	4.1	16.3	49.1
167.0		1.00	1.14	5.635	6.198	0.000	1.200	2.35	0.50	0.558	0.67	4.2	16.3	49.1
167.5		1.00	1.14	5.640	6.204	0.000	1.200	2.35	0.50	0.558	0.67	4.2	16.3	49.1
168.0		1.00	1.14	5.644	6.209	0.000	1.200	2.35	0.50	0.558	0.67	4.2	16.3	49.1
168.5		1.00	1.14	5.649	6.214	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.1
169.0		1.00	1.14	5.654	6.219	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.1
169.5		1.00	1.14	5.659	6.225	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.1
170.0	Appertunance(s)	1.00	1.15	5.664	6.230	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.1
170.5		1.00	1.15	5.668	6.235	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.1
171.0		1.00	1.15	5.673	6.240	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.2
171.5		1.00	1.15	5.678	6.246	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.2
172.0		1.00	1.15	5.683	6.251	0.000	1.200	2.35	0.50	0.559	0.67	4.2	16.3	49.2
172.5		1.00	1.15	5.687	6.256	0.000	1.200	2.36	0.50	0.559	0.67	4.2	16.3	49.2
173.0		1.00	1.15	5.692	6.261	0.000	1.200	2.36	0.50	0.559	0.67	4.2	16.3	49.2
Totals:								173.00				3,034.2	15,638.5	41,526.2

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Discrete Appurtenance Segment Forces (Factored)

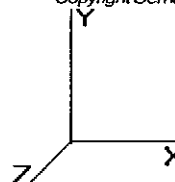
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
137.5	Flat Low Profile Pla	1	5.330	5.863	0.90	1.00	46.25	0.000	0.000	271.18	0.00	0.00	2,458.13
137.5	48" x 12" Panels	9	5.330	5.863	0.54	0.80	30.87	0.000	0.000	180.98	0.00	0.00	2,021.89
137.5	72" x 12" Panels	3	5.330	5.863	0.54	0.80	15.89	0.000	0.000	93.19	0.00	0.00	953.40
148.0	Andrew LNX-6514DS-	2	5.444	5.988	0.62	0.75	12.10	0.000	0.000	72.47	0.00	0.00	650.90
148.0	Powerwave P65-16-XL	1	5.444	5.988	0.57	0.75	5.64	0.000	0.000	33.78	0.00	0.00	298.55
148.0	Flat Platform with H	1	5.444	5.988	1.00	1.00	70.38	0.000	0.000	421.45	0.00	0.00	3,846.21
148.0	Decibel DB844H80E-	6	5.444	5.988	0.67	0.75	19.38	0.000	0.000	116.06	0.00	0.00	1,058.81
148.0	Decibel 948F85T2E-M	6	5.444	5.988	0.61	0.75	16.20	0.000	0.000	96.99	0.00	0.00	804.04
162.0	CSS DUO4-8670	6	5.586	6.145	0.56	0.75	24.17	0.000	0.000	148.51	0.00	0.00	1,656.06
162.0	ADC DD800	6	5.586	6.145	0.38	0.75	4.88	0.000	0.000	30.01	0.00	0.00	329.76
162.0	Flat Platform with H	1	5.586	6.145	1.00	1.00	70.64	0.000	0.000	434.04	0.00	0.00	3,863.45
170.0	Allgon 7250.02	3	5.664	6.230	0.77	1.00	12.65	0.000	0.000	78.82	0.00	0.00	460.08
										1,977.48			18,401.26

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Applied Segment Forces Summary

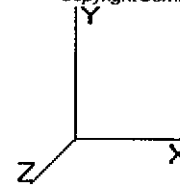
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
0.50	10.01	170.58	0.00	0.00
1.00	10.02	173.34	0.00	0.00
1.50	10.03	174.91	0.00	0.00
2.00	10.02	175.96	0.00	0.00
2.50	10.02	176.71	0.00	0.00
3.00	10.01	182.50	0.00	0.00
3.50	10.00	182.93	0.00	0.00
4.00	9.98	183.26	0.00	0.00
4.50	9.97	183.51	0.00	0.00
5.00	9.96	183.70	0.00	0.00
5.50	9.95	183.84	0.00	0.00
6.00	9.93	183.94	0.00	0.00
6.50	9.92	184.00	0.00	0.00
7.00	9.90	184.03	0.00	0.00
7.50	9.89	184.04	0.00	0.00
8.00	9.87	184.02	0.00	0.00
8.50	9.85	197.26	0.00	0.00
9.00	9.84	197.19	0.00	0.00
9.50	9.82	197.12	0.00	0.00
10.00	9.80	197.02	0.00	0.00
10.50	9.79	196.92	0.00	0.00
11.00	9.77	196.80	0.00	0.00
11.50	9.75	196.66	0.00	0.00
12.00	9.74	196.52	0.00	0.00
12.50	9.72	196.37	0.00	0.00
13.00	9.70	196.21	0.00	0.00
13.50	9.69	196.04	0.00	0.00
14.00	9.67	195.86	0.00	0.00
14.50	9.65	195.67	0.00	0.00
15.00	9.63	195.48	0.00	0.00
15.50	9.62	195.28	0.00	0.00
16.00	9.60	195.07	0.00	0.00
16.50	9.58	194.86	0.00	0.00
17.00	9.56	194.64	0.00	0.00
17.50	9.54	194.42	0.00	0.00
18.00	9.53	194.19	0.00	0.00
18.50	9.51	193.96	0.00	0.00
19.00	9.49	193.72	0.00	0.00
19.50	9.47	193.48	0.00	0.00
20.00	9.45	193.23	0.00	0.00
20.50	9.44	192.98	0.00	0.00
21.00	9.42	192.73	0.00	0.00
21.50	9.40	192.47	0.00	0.00
22.00	9.38	192.21	0.00	0.00
22.50	9.36	191.95	0.00	0.00
23.00	9.35	191.68	0.00	0.00
23.50	9.33	191.41	0.00	0.00
24.00	9.31	191.14	0.00	0.00
24.50	9.29	190.86	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

25.00	9.27	190.58	0.00	0.00
25.50	9.25	190.30	0.00	0.00
26.00	9.23	190.02	0.00	0.00
26.50	9.22	189.73	0.00	0.00
27.00	9.20	189.44	0.00	0.00
27.50	9.18	189.15	0.00	0.00
28.00	9.16	188.86	0.00	0.00
28.50	9.14	188.56	0.00	0.00
29.00	9.12	188.27	0.00	0.00
29.50	9.10	187.97	0.00	0.00
30.00	9.09	187.67	0.00	0.00
30.50	9.12	187.36	0.00	0.00
31.00	9.14	187.06	0.00	0.00
31.50	9.16	186.75	0.00	0.00
32.00	9.19	186.44	0.00	0.00
32.50	9.21	186.13	0.00	0.00
33.00	9.23	185.82	0.00	0.00
33.50	9.25	185.51	0.00	0.00
34.00	9.27	185.19	0.00	0.00
34.50	9.29	184.87	0.00	0.00
35.00	9.31	184.56	0.00	0.00
35.50	9.32	184.24	0.00	0.00
36.00	9.34	183.92	0.00	0.00
36.50	9.36	183.59	0.00	0.00
37.00	9.38	183.27	0.00	0.00
37.50	9.39	182.94	0.00	0.00
38.00	9.41	182.62	0.00	0.00
38.50	9.42	182.29	0.00	0.00
39.00	9.44	181.96	0.00	0.00
39.50	9.45	181.63	0.00	0.00
40.00	9.46	181.30	0.00	0.00
40.50	9.48	180.97	0.00	0.00
41.00	9.49	180.63	0.00	0.00
41.50	9.50	180.30	0.00	0.00
42.00	9.51	179.96	0.00	0.00
42.50	9.52	179.63	0.00	0.00
43.00	9.53	179.29	0.00	0.00
43.50	9.55	178.95	0.00	0.00
43.58	1.59	29.80	0.00	0.00
44.00	8.09	224.88	0.00	0.00
44.50	9.72	269.34	0.00	0.00
45.00	9.73	268.77	0.00	0.00
45.50	9.73	268.19	0.00	0.00
46.00	9.74	267.62	0.00	0.00
46.50	9.75	267.05	0.00	0.00
47.00	9.76	266.47	0.00	0.00
47.50	9.77	265.90	0.00	0.00
48.00	9.78	265.32	0.00	0.00
48.50	9.78	264.75	0.00	0.00
49.00	9.79	264.17	0.00	0.00
49.50	9.80	263.59	0.00	0.00
50.00	9.80	161.60	0.00	0.00
50.50	9.81	161.29	0.00	0.00
51.00	9.81	160.98	0.00	0.00
51.50	9.82	160.67	0.00	0.00
52.00	9.82	160.36	0.00	0.00
52.50	9.83	160.05	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

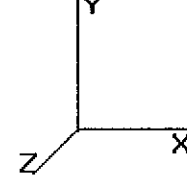
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi		45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00		Wind Importance Factor : 1.00
Dead Load Factor : 1.20			Ice Importance Factor : 1.00
Wind Load Factor : 1.00			

53.00	9.83	159.74	0.00	0.00
53.50	9.83	159.42	0.00	0.00
54.00	9.84	159.11	0.00	0.00
54.50	9.84	158.79	0.00	0.00
55.00	9.84	158.48	0.00	0.00
55.50	9.85	158.16	0.00	0.00
56.00	9.85	157.85	0.00	0.00
56.50	9.85	157.53	0.00	0.00
57.00	9.85	157.21	0.00	0.00
57.50	9.85	156.89	0.00	0.00
58.00	9.86	156.57	0.00	0.00
58.50	9.86	156.25	0.00	0.00
59.00	9.86	155.93	0.00	0.00
59.50	9.86	155.61	0.00	0.00
60.00	9.86	155.29	0.00	0.00
60.50	9.86	154.97	0.00	0.00
61.00	9.86	154.64	0.00	0.00
61.50	9.86	154.32	0.00	0.00
62.00	9.86	153.99	0.00	0.00
62.50	9.85	153.67	0.00	0.00
63.00	9.85	153.35	0.00	0.00
63.50	9.85	153.02	0.00	0.00
64.00	9.85	152.69	0.00	0.00
64.50	9.85	152.37	0.00	0.00
65.00	9.84	152.04	0.00	0.00
65.50	9.84	151.71	0.00	0.00
66.00	9.84	151.38	0.00	0.00
66.50	9.84	151.05	0.00	0.00
67.00	9.83	150.72	0.00	0.00
67.50	9.83	150.40	0.00	0.00
68.00	9.83	150.06	0.00	0.00
68.50	9.82	149.73	0.00	0.00
69.00	9.82	149.40	0.00	0.00
69.50	9.81	149.07	0.00	0.00
70.00	9.81	148.74	0.00	0.00
70.50	9.80	148.41	0.00	0.00
71.00	9.80	148.07	0.00	0.00
71.50	9.79	147.74	0.00	0.00
72.00	9.79	147.41	0.00	0.00
72.50	9.78	147.07	0.00	0.00
73.00	9.78	146.74	0.00	0.00
73.50	9.77	146.40	0.00	0.00
74.00	9.77	146.07	0.00	0.00
74.50	9.76	145.73	0.00	0.00
75.00	9.75	145.39	0.00	0.00
75.50	9.75	145.06	0.00	0.00
76.00	9.74	144.72	0.00	0.00
76.50	9.73	144.38	0.00	0.00
77.00	9.72	144.04	0.00	0.00
77.50	9.72	143.71	0.00	0.00
78.00	9.71	143.37	0.00	0.00
78.50	9.70	143.03	0.00	0.00
79.00	9.69	142.69	0.00	0.00
79.50	9.69	142.35	0.00	0.00
80.00	9.68	142.01	0.00	0.00
80.50	9.67	141.67	0.00	0.00
81.00	9.66	141.33	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

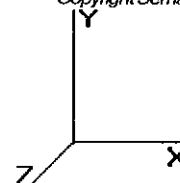
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

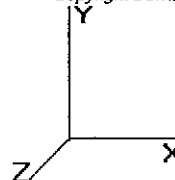
81.50	9.65	140.99	0.00	0.00
82.00	9.64	140.64	0.00	0.00
82.50	9.63	140.30	0.00	0.00
83.00	9.62	139.96	0.00	0.00
83.50	9.61	139.62	0.00	0.00
84.00	9.60	139.27	0.00	0.00
84.50	9.59	138.93	0.00	0.00
85.00	9.58	138.59	0.00	0.00
85.50	9.57	138.24	0.00	0.00
86.00	9.56	137.90	0.00	0.00
86.09	1.66	23.88	0.00	0.00
86.50	8.02	163.15	0.00	0.00
87.00	9.69	196.87	0.00	0.00
87.50	9.68	196.33	0.00	0.00
88.00	9.67	195.80	0.00	0.00
88.50	9.66	195.27	0.00	0.00
89.00	9.65	194.73	0.00	0.00
89.50	9.64	194.20	0.00	0.00
90.00	9.63	193.67	0.00	0.00
90.50	9.62	193.13	0.00	0.00
91.00	9.60	192.60	0.00	0.00
91.00	0.06	1.28	0.00	0.00
91.50	9.53	122.67	0.00	0.00
92.00	9.58	123.19	0.00	0.00
92.50	9.57	122.88	0.00	0.00
93.00	9.56	122.58	0.00	0.00
93.50	9.54	122.27	0.00	0.00
94.00	9.53	121.96	0.00	0.00
94.50	9.52	121.66	0.00	0.00
95.00	9.51	121.35	0.00	0.00
95.50	9.49	121.04	0.00	0.00
96.00	9.48	120.73	0.00	0.00
96.50	9.47	120.43	0.00	0.00
97.00	9.45	120.12	0.00	0.00
97.50	9.44	119.81	0.00	0.00
98.00	9.43	119.50	0.00	0.00
98.50	9.41	119.19	0.00	0.00
99.00	9.40	118.88	0.00	0.00
99.50	9.39	118.57	0.00	0.00
100.0	9.37	118.26	0.00	0.00
100.5	9.36	117.95	0.00	0.00
101.0	9.34	117.64	0.00	0.00
101.5	9.33	117.33	0.00	0.00
102.0	9.31	117.02	0.00	0.00
102.5	9.30	116.71	0.00	0.00
103.0	9.28	116.40	0.00	0.00
103.5	9.27	116.09	0.00	0.00
104.0	9.25	115.77	0.00	0.00
104.5	9.24	115.46	0.00	0.00
105.0	9.22	115.15	0.00	0.00
105.5	9.21	114.84	0.00	0.00
106.0	9.19	114.52	0.00	0.00
106.5	9.18	114.21	0.00	0.00
107.0	9.16	113.90	0.00	0.00
107.5	9.15	113.58	0.00	0.00
108.0	9.13	113.27	0.00	0.00
108.5	9.11	112.96	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

109.0	9.10	112.64	0.00	0.00
109.5	9.08	112.33	0.00	0.00
110.0	9.06	112.01	0.00	0.00
110.5	9.05	111.70	0.00	0.00
111.0	9.03	111.38	0.00	0.00
111.5	9.01	111.07	0.00	0.00
112.0	9.00	110.75	0.00	0.00
112.5	8.98	110.44	0.00	0.00
113.0	8.96	110.12	0.00	0.00
113.5	8.95	109.80	0.00	0.00
114.0	8.93	109.49	0.00	0.00
114.5	8.91	109.17	0.00	0.00
115.0	8.89	108.85	0.00	0.00
115.5	8.87	108.54	0.00	0.00
116.0	8.86	108.22	0.00	0.00
116.5	8.84	107.90	0.00	0.00
117.0	8.82	107.58	0.00	0.00
117.5	8.80	107.27	0.00	0.00
118.0	8.78	106.95	0.00	0.00
118.5	8.77	106.63	0.00	0.00
119.0	8.75	106.31	0.00	0.00
119.5	8.73	105.99	0.00	0.00
120.0	8.71	105.67	0.00	0.00
120.5	8.69	105.35	0.00	0.00
120.8	5.72	69.35	0.00	0.00
121.0	2.98	46.58	0.00	0.00
121.5	8.76	136.57	0.00	0.00
122.0	8.75	136.13	0.00	0.00
122.5	8.73	135.68	0.00	0.00
123.0	8.71	135.24	0.00	0.00
123.5	8.69	134.79	0.00	0.00
124.0	8.67	134.35	0.00	0.00
124.5	8.65	133.90	0.00	0.00
125.0	8.57	132.54	0.00	0.00
125.0	0.06	0.61	0.00	0.00
125.5	8.61	88.59	0.00	0.00
126.0	8.59	88.33	0.00	0.00
126.5	8.57	88.07	0.00	0.00
127.0	8.55	87.81	0.00	0.00
127.5	8.53	87.56	0.00	0.00
128.0	8.51	87.30	0.00	0.00
128.5	8.49	87.04	0.00	0.00
129.0	8.47	86.78	0.00	0.00
129.5	8.45	86.52	0.00	0.00
130.0	8.43	86.26	0.00	0.00
130.5	8.41	86.00	0.00	0.00
131.0	8.39	85.74	0.00	0.00
131.5	8.37	85.47	0.00	0.00
132.0	8.35	85.21	0.00	0.00
132.5	8.32	84.95	0.00	0.00
133.0	8.30	84.69	0.00	0.00
133.5	8.28	84.43	0.00	0.00
134.0	8.26	84.17	0.00	0.00
134.5	8.24	83.91	0.00	0.00
135.0	8.22	83.64	0.00	0.00
135.5	8.20	83.38	0.00	0.00
136.0	8.18	83.12	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
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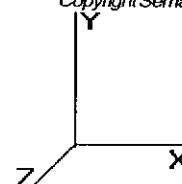
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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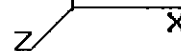
Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

136.5	8.15	82.86	0.00	0.00
137.0	8.13	82.60	0.00	0.00
137.5	553.45	5,515.75	0.00	0.00
138.0	8.09	76.17	0.00	0.00
138.5	8.07	75.90	0.00	0.00
139.0	8.04	75.64	0.00	0.00
139.5	8.02	75.38	0.00	0.00
140.0	8.00	75.11	0.00	0.00
140.5	7.98	74.85	0.00	0.00
141.0	7.95	74.59	0.00	0.00
141.5	7.93	74.32	0.00	0.00
142.0	7.91	74.06	0.00	0.00
142.5	7.89	73.80	0.00	0.00
143.0	7.86	73.53	0.00	0.00
143.5	7.84	73.27	0.00	0.00
144.0	7.82	73.00	0.00	0.00
144.5	7.80	72.74	0.00	0.00
145.0	7.77	72.47	0.00	0.00
145.5	7.75	72.21	0.00	0.00
146.0	7.73	71.94	0.00	0.00
146.5	7.70	71.68	0.00	0.00
147.0	7.68	71.41	0.00	0.00
147.5	7.66	71.15	0.00	0.00
148.0	748.39	6,729.39	0.00	0.00
148.5	7.61	63.23	0.00	0.00
149.0	7.58	62.97	0.00	0.00
149.5	7.56	62.70	0.00	0.00
150.0	7.54	62.44	0.00	0.00
150.5	7.51	62.17	0.00	0.00
151.0	7.49	61.90	0.00	0.00
151.5	7.46	61.64	0.00	0.00
152.0	7.44	61.37	0.00	0.00
152.5	7.42	61.10	0.00	0.00
153.0	7.39	60.84	0.00	0.00
153.5	7.37	60.57	0.00	0.00
154.0	7.34	60.30	0.00	0.00
154.5	7.32	60.03	0.00	0.00
155.0	7.29	59.77	0.00	0.00
155.5	7.27	59.50	0.00	0.00
156.0	7.24	59.23	0.00	0.00
156.5	7.22	58.96	0.00	0.00
157.0	7.19	58.69	0.00	0.00
157.5	7.17	58.43	0.00	0.00
158.0	7.14	58.16	0.00	0.00
158.5	7.12	57.89	0.00	0.00
159.0	7.09	57.62	0.00	0.00
159.5	7.07	57.35	0.00	0.00
160.0	7.04	57.07	0.00	0.00
160.5	4.10	54.26	0.00	0.00
161.0	4.10	54.25	0.00	0.00
161.5	4.11	54.26	0.00	0.00
162.0	616.67	5,903.53	0.00	0.00
162.5	4.12	52.00	0.00	0.00
163.0	4.12	52.01	0.00	0.00
163.5	4.12	52.02	0.00	0.00
164.0	4.13	52.02	0.00	0.00
164.5	4.13	52.03	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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Base Elev : 0.000 (ft)

Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

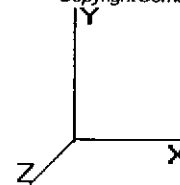
165.0	4.14	52.03	0.00	0.00
165.5	4.14	52.04	0.00	0.00
166.0	4.14	52.05	0.00	0.00
166.5	4.15	52.05	0.00	0.00
167.0	4.15	52.06	0.00	0.00
167.5	4.16	52.06	0.00	0.00
168.0	4.16	52.07	0.00	0.00
168.5	4.16	52.08	0.00	0.00
169.0	4.17	52.08	0.00	0.00
169.5	4.17	52.09	0.00	0.00
170.0	83.00	512.17	0.00	0.00
170.5	4.18	49.15	0.00	0.00
171.0	4.18	49.15	0.00	0.00
171.5	4.19	49.16	0.00	0.00
172.0	4.19	49.17	0.00	0.00
172.5	4.20	49.17	0.00	0.00
173.0	4.20	49.18	0.00	0.00
Totals:		5,011.64 65,234.72	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-65.23	-5.01	0.00	-618.01	0.00	618.01	3,674.33	1,837.16	7,291.06	3,600.78	0.00	0.00	0.189
0.50	-65.06	-5.01	0.00	-615.51	0.00	615.51	3,670.29	1,835.14	7,267.54	3,589.16	0.00	0.00	0.189
1.00	-64.89	-5.00	0.00	-613.00	0.00	613.00	3,662.62	1,831.31	7,236.89	3,574.03	0.00	-0.01	0.189
1.50	-64.71	-5.00	0.00	-610.50	0.00	610.50	3,654.86	1,827.43	7,206.12	3,558.83	0.00	-0.01	0.189
2.00	-64.54	-4.99	0.00	-608.00	0.00	608.00	3,647.09	1,823.55	7,175.41	3,543.67	0.00	-0.02	0.189
2.50	-64.36	-4.99	0.00	-605.51	0.00	605.51	3,639.33	1,819.67	7,144.77	3,528.53	0.01	-0.02	0.189
3.00	-64.18	-4.98	0.00	-603.01	0.00	603.01	3,631.57	1,815.78	7,114.19	3,513.43	0.01	-0.03	0.189
3.50	-63.99	-4.98	0.00	-600.52	0.00	600.52	3,623.81	1,811.90	7,083.68	3,498.37	0.01	-0.03	0.189
4.00	-63.81	-4.97	0.00	-598.03	0.00	598.03	3,616.04	1,808.02	7,053.24	3,483.33	0.02	-0.04	0.189
4.50	-63.63	-4.97	0.00	-595.54	0.00	595.54	3,608.28	1,804.14	7,022.86	3,468.33	0.02	-0.04	0.189
5.00	-63.44	-4.97	0.00	-593.06	0.00	593.06	3,600.52	1,800.26	6,992.55	3,453.36	0.03	-0.05	0.189
5.50	-63.26	-4.96	0.00	-590.58	0.00	590.58	3,592.76	1,796.38	6,962.30	3,438.42	0.03	-0.05	0.189
6.00	-63.07	-4.96	0.00	-588.10	0.00	588.10	3,584.99	1,792.50	6,932.12	3,423.51	0.04	-0.06	0.189
6.50	-62.89	-4.95	0.00	-585.62	0.00	585.62	3,577.23	1,788.62	6,902.00	3,408.64	0.04	-0.06	0.189
7.00	-62.71	-4.95	0.00	-583.14	0.00	583.14	3,569.47	1,784.73	6,871.95	3,393.80	0.05	-0.07	0.189
7.50	-62.52	-4.94	0.00	-580.67	0.00	580.67	3,561.71	1,780.85	6,841.97	3,378.99	0.06	-0.07	0.189
8.00	-62.34	-4.94	0.00	-578.20	0.00	578.20	3,553.94	1,776.97	6,812.05	3,364.21	0.06	-0.08	0.189
8.50	-62.14	-4.93	0.00	-575.73	0.00	575.73	3,546.18	1,773.09	6,782.20	3,349.47	0.07	-0.08	0.189
9.00	-61.94	-4.93	0.00	-573.27	0.00	573.27	3,538.42	1,769.21	6,752.41	3,334.76	0.08	-0.09	0.189
9.50	-61.74	-4.92	0.00	-570.80	0.00	570.80	3,530.65	1,765.33	6,722.68	3,320.08	0.09	-0.09	0.189
10.00	-61.55	-4.92	0.00	-568.34	0.00	568.34	3,522.89	1,761.45	6,693.03	3,305.43	0.10	-0.10	0.189
10.50	-61.35	-4.91	0.00	-565.88	0.00	565.88	3,515.13	1,757.56	6,663.43	3,290.82	0.11	-0.10	0.189
11.00	-61.15	-4.91	0.00	-563.43	0.00	563.43	3,507.37	1,753.68	6,633.91	3,276.24	0.12	-0.11	0.189
11.50	-60.95	-4.90	0.00	-560.97	0.00	560.97	3,499.60	1,749.80	6,604.45	3,261.69	0.13	-0.11	0.189
12.00	-60.76	-4.90	0.00	-558.52	0.00	558.52	3,491.84	1,745.92	6,575.05	3,247.17	0.15	-0.12	0.189
12.50	-60.56	-4.89	0.00	-556.07	0.00	556.07	3,484.08	1,742.04	6,545.72	3,232.69	0.16	-0.12	0.189
13.00	-60.36	-4.89	0.00	-553.63	0.00	553.63	3,476.32	1,738.16	6,516.46	3,218.23	0.17	-0.13	0.189
13.50	-60.17	-4.88	0.00	-551.18	0.00	551.18	3,468.55	1,734.28	6,487.26	3,203.81	0.18	-0.13	0.189
14.00	-59.97	-4.88	0.00	-548.74	0.00	548.74	3,460.79	1,730.40	6,458.13	3,189.43	0.20	-0.14	0.189
14.50	-59.78	-4.87	0.00	-546.30	0.00	546.30	3,453.03	1,726.51	6,429.06	3,175.07	0.21	-0.14	0.189
15.00	-59.58	-4.87	0.00	-543.86	0.00	543.86	3,445.27	1,722.63	6,400.06	3,160.75	0.23	-0.15	0.189
15.50	-59.38	-4.86	0.00	-541.43	0.00	541.43	3,437.50	1,718.75	6,371.12	3,146.46	0.24	-0.15	0.189
16.00	-59.19	-4.86	0.00	-539.00	0.00	539.00	3,429.74	1,714.87	6,342.25	3,132.20	0.26	-0.16	0.189
16.50	-58.99	-4.85	0.00	-536.57	0.00	536.57	3,421.98	1,710.99	6,313.45	3,117.98	0.28	-0.16	0.189
17.00	-58.80	-4.85	0.00	-534.14	0.00	534.14	3,414.22	1,707.11	6,284.71	3,103.78	0.29	-0.17	0.189
17.50	-58.60	-4.84	0.00	-531.72	0.00	531.72	3,406.45	1,703.23	6,256.04	3,089.62	0.31	-0.17	0.189
18.00	-58.41	-4.84	0.00	-529.30	0.00	529.30	3,398.69	1,699.35	6,227.43	3,075.49	0.33	-0.18	0.189
18.50	-58.21	-4.83	0.00	-526.88	0.00	526.88	3,390.93	1,695.46	6,198.88	3,061.40	0.35	-0.18	0.189
19.00	-58.02	-4.83	0.00	-524.46	0.00	524.46	3,383.17	1,691.58	6,170.41	3,047.33	0.37	-0.19	0.189
19.50	-57.83	-4.82	0.00	-522.04	0.00	522.04	3,375.40	1,687.70	6,142.00	3,033.30	0.39	-0.19	0.189
20.00	-57.63	-4.82	0.00	-519.63	0.00	519.63	3,367.64	1,683.82	6,113.65	3,019.30	0.41	-0.20	0.189
20.50	-57.44	-4.81	0.00	-517.22	0.00	517.22	3,359.88	1,679.94	6,085.37	3,005.34	0.43	-0.20	0.189
21.00	-57.25	-4.81	0.00	-514.81	0.00	514.81	3,352.12	1,676.06	6,057.16	2,991.40	0.45	-0.21	0.189
21.50	-57.05	-4.81	0.00	-512.41	0.00	512.41	3,344.35	1,672.18	6,029.01	2,977.50	0.47	-0.21	0.189
22.00	-56.86	-4.80	0.00	-510.01	0.00	510.01	3,336.59	1,668.30	6,000.92	2,963.63	0.50	-0.22	0.189
22.50	-56.67	-4.80	0.00	-507.61	0.00	507.61	3,328.83	1,664.41	5,972.90	2,949.79	0.52	-0.22	0.189
23.00	-56.48	-4.79	0.00	-505.21	0.00	505.21	3,321.07	1,660.53	5,944.95	2,935.99	0.54	-0.23	0.189
23.50	-56.28	-4.79	0.00	-502.81	0.00	502.81	3,313.30	1,656.65	5,917.07	2,922.22	0.57	-0.23	0.189
24.00	-56.09	-4.78	0.00	-500.42	0.00	500.42	3,305.54	1,652.77	5,889.24	2,908.48	0.59	-0.24	0.189
24.50	-55.90	-4.78	0.00	-498.03	0.00	498.03	3,297.78	1,648.89	5,861.49	2,894.77	0.62	-0.24	0.189
25.00	-55.71	-4.77	0.00	-495.64	0.00	495.64	3,290.02	1,645.01	5,833.80	2,881.09	0.64	-0.25	0.189

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

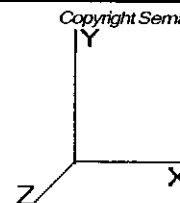
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi

45.00 mph with 1.00 in Radial Ice

44 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

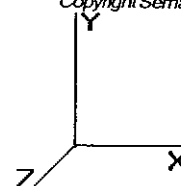
25.50	-55.52	-4.77	0.00	-493.26	0.00	493.26	3,282.25	1,641.13	5,806.17	2,867.45	0.67	-0.26	0.189
26.00	-55.33	-4.76	0.00	-490.88	0.00	490.88	3,274.49	1,637.25	5,778.61	2,853.84	0.70	-0.26	0.189
26.50	-55.14	-4.76	0.00	-488.50	0.00	488.50	3,266.73	1,633.36	5,751.12	2,840.26	0.72	-0.27	0.189
27.00	-54.95	-4.75	0.00	-486.12	0.00	486.12	3,258.97	1,629.48	5,723.69	2,826.72	0.75	-0.27	0.189
27.50	-54.76	-4.75	0.00	-483.74	0.00	483.74	3,251.20	1,625.60	5,696.33	2,813.20	0.78	-0.28	0.189
28.00	-54.57	-4.74	0.00	-481.37	0.00	481.37	3,243.44	1,621.72	5,669.03	2,799.72	0.81	-0.28	0.189
28.50	-54.38	-4.74	0.00	-479.00	0.00	479.00	3,235.68	1,617.84	5,641.80	2,786.27	0.84	-0.29	0.189
29.00	-54.19	-4.73	0.00	-476.63	0.00	476.63	3,227.92	1,613.96	5,614.64	2,772.86	0.87	-0.29	0.189
29.50	-54.01	-4.73	0.00	-474.27	0.00	474.27	3,220.15	1,610.08	5,587.54	2,759.47	0.90	-0.30	0.189
30.00	-53.82	-4.72	0.00	-471.90	0.00	471.90	3,212.39	1,606.20	5,560.50	2,746.12	0.93	-0.30	0.189
30.50	-53.63	-4.72	0.00	-469.54	0.00	469.54	3,204.63	1,602.31	5,533.53	2,732.80	0.97	-0.31	0.189
31.00	-53.44	-4.71	0.00	-467.19	0.00	467.19	3,196.87	1,598.43	5,506.63	2,719.52	1.00	-0.31	0.189
31.50	-53.25	-4.71	0.00	-464.83	0.00	464.83	3,189.10	1,594.55	5,479.79	2,706.26	1.03	-0.32	0.188
32.00	-53.07	-4.70	0.00	-462.48	0.00	462.48	3,181.34	1,590.67	5,453.02	2,693.04	1.07	-0.33	0.188
32.50	-52.88	-4.70	0.00	-460.13	0.00	460.13	3,173.58	1,586.79	5,426.31	2,679.85	1.10	-0.33	0.188
33.00	-52.70	-4.69	0.00	-457.78	0.00	457.78	3,165.82	1,582.91	5,399.67	2,666.69	1.13	-0.34	0.188
33.50	-52.51	-4.68	0.00	-455.44	0.00	455.44	3,158.05	1,579.03	5,373.09	2,653.57	1.17	-0.34	0.188
34.00	-52.32	-4.68	0.00	-453.09	0.00	453.09	3,150.29	1,575.15	5,346.58	2,640.48	1.21	-0.35	0.188
34.50	-52.14	-4.67	0.00	-450.75	0.00	450.75	3,142.53	1,571.26	5,320.14	2,627.42	1.24	-0.35	0.188
35.00	-51.95	-4.67	0.00	-448.42	0.00	448.42	3,134.77	1,567.38	5,293.76	2,614.39	1.28	-0.36	0.188
35.50	-51.77	-4.66	0.00	-446.08	0.00	446.08	3,127.00	1,563.50	5,267.45	2,601.39	1.32	-0.36	0.188
36.00	-51.58	-4.66	0.00	-443.75	0.00	443.75	3,119.24	1,559.62	5,241.20	2,588.43	1.36	-0.37	0.188
36.50	-51.40	-4.65	0.00	-441.42	0.00	441.42	3,111.48	1,555.74	5,215.02	2,575.50	1.40	-0.37	0.188
37.00	-51.22	-4.65	0.00	-439.10	0.00	439.10	3,103.72	1,551.86	5,188.90	2,562.60	1.44	-0.38	0.188
37.50	-51.03	-4.64	0.00	-436.77	0.00	436.77	3,095.95	1,547.98	5,162.85	2,549.74	1.48	-0.39	0.188
38.00	-50.85	-4.63	0.00	-434.45	0.00	434.45	3,088.19	1,544.10	5,136.86	2,536.90	1.52	-0.39	0.188
38.50	-50.67	-4.63	0.00	-432.14	0.00	432.14	3,080.43	1,540.21	5,110.94	2,524.10	1.56	-0.40	0.188
39.00	-50.49	-4.62	0.00	-429.82	0.00	429.82	3,072.67	1,536.33	5,085.09	2,511.33	1.60	-0.40	0.188
39.50	-50.30	-4.62	0.00	-427.51	0.00	427.51	3,064.90	1,532.45	5,059.30	2,498.60	1.64	-0.41	0.188
40.00	-50.12	-4.61	0.00	-425.20	0.00	425.20	3,057.14	1,528.57	5,033.58	2,485.89	1.69	-0.41	0.187
40.50	-49.94	-4.61	0.00	-422.90	0.00	422.90	3,049.38	1,524.69	5,007.92	2,473.22	1.73	-0.42	0.187
41.00	-49.76	-4.60	0.00	-420.59	0.00	420.59	3,041.62	1,520.81	4,982.33	2,460.58	1.77	-0.43	0.187
41.50	-49.58	-4.59	0.00	-418.29	0.00	418.29	3,033.85	1,516.93	4,956.80	2,447.98	1.82	-0.43	0.187
42.00	-49.40	-4.59	0.00	-416.00	0.00	416.00	3,026.09	1,513.04	4,931.34	2,435.40	1.86	-0.44	0.187
42.50	-49.22	-4.58	0.00	-413.70	0.00	413.70	3,018.33	1,509.16	4,905.94	2,422.86	1.91	-0.44	0.187
43.00	-49.04	-4.58	0.00	-411.41	0.00	411.41	3,010.56	1,505.28	4,880.61	2,410.35	1.96	-0.45	0.187
43.50	-48.86	-4.57	0.00	-409.12	0.00	409.12	3,002.80	1,501.40	4,855.35	2,397.87	2.00	-0.45	0.187
43.58	-48.83	-4.57	0.00	-408.74	0.00	408.74	3,001.51	1,500.75	4,851.15	2,395.80	2.01	-0.45	0.187
44.00	-48.60	-4.56	0.00	-406.84	0.00	406.84	2,995.04	1,497.52	4,830.15	2,385.43	2.05	-0.46	0.187
44.50	-48.33	-4.56	0.00	-404.56	0.00	404.56	2,987.28	1,493.64	4,805.02	2,373.02	2.10	-0.47	0.187
45.00	-48.07	-4.55	0.00	-402.28	0.00	402.28	2,979.51	1,489.76	4,779.95	2,360.64	2.15	-0.47	0.187
45.50	-47.80	-4.54	0.00	-400.00	0.00	400.00	2,971.75	1,485.88	4,754.95	2,348.29	2.20	-0.48	0.186
46.00	-47.53	-4.53	0.00	-397.73	0.00	397.73	2,963.99	1,481.99	4,730.01	2,335.97	2.25	-0.48	0.186
46.50	-47.26	-4.53	0.00	-395.47	0.00	395.47	2,956.23	1,478.11	4,705.14	2,323.69	2.30	-0.49	0.186
47.00	-46.99	-4.52	0.00	-393.20	0.00	393.20	2,948.46	1,474.23	4,680.34	2,311.44	2.35	-0.49	0.186
47.50	-46.73	-4.51	0.00	-390.94	0.00	390.94	2,940.70	1,470.35	4,655.60	2,299.22	2.40	-0.50	0.186
48.00	-46.46	-4.51	0.00	-388.69	0.00	388.69	2,932.94	1,466.47	4,630.92	2,287.04	2.46	-0.51	0.186
48.50	-46.20	-4.50	0.00	-386.43	0.00	386.43	2,925.18	1,462.59	4,606.31	2,274.88	2.51	-0.51	0.186
49.00	-45.93	-4.49	0.00	-384.18	0.00	384.18	2,917.41	1,458.71	4,581.77	2,262.76	2.56	-0.52	0.186
49.50	-45.67	-4.48	0.00	-381.94	0.00	381.94	2,513.92	1,256.96	4,022.27	1,986.45	2.62	-0.52	0.210
50.00	-45.51	-4.48	0.00	-379.70	0.00	379.70	2,507.34	1,253.67	4,001.16	1,976.02	2.67	-0.53	0.210
50.50	-45.35	-4.47	0.00	-377.46	0.00	377.46	2,500.77	1,250.38	3,980.10	1,965.62	2.73	-0.54	0.210
51.00	-45.18	-4.46	0.00	-375.22	0.00	375.22	2,494.19	1,247.09	3,959.11	1,955.25	2.79	-0.54	0.210
51.50	-45.02	-4.46	0.00	-372.99	0.00	372.99	2,487.61	1,243.81	3,938.16	1,944.91	2.84	-0.55	0.210
52.00	-44.86	-4.45	0.00	-370.76	0.00	370.76	2,481.03	1,240.52	3,917.27	1,934.59	2.90	-0.56	0.210
52.50	-44.70	-4.45	0.00	-368.53	0.00	368.53	2,474.46	1,237.23	3,896.44	1,924.30	2.96	-0.56	0.210
53.00	-44.54	-4.44	0.00	-366.31	0.00	366.31	2,467.88	1,233.94	3,875.66	1,914.04	3.02	-0.57	0.209

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi 45.00 mph with 1.00 in Radial Ice 44 Iterations

Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

53.50	-44.38	-4.43	0.00	-364.09	0.00	364.09	2,461.30	1,230.65	3,854.94	1,903.81	3.08	-0.58	0.209
54.00	-44.22	-4.43	0.00	-361.88	0.00	361.88	2,454.73	1,227.36	3,834.27	1,893.60	3.14	-0.58	0.209
54.50	-44.06	-4.42	0.00	-359.66	0.00	359.66	2,448.15	1,224.07	3,813.66	1,883.42	3.20	-0.59	0.209
55.00	-43.90	-4.41	0.00	-357.45	0.00	357.45	2,441.57	1,220.79	3,793.10	1,873.27	3.26	-0.60	0.209
55.50	-43.75	-4.41	0.00	-355.24	0.00	355.24	2,434.99	1,217.50	3,772.60	1,863.15	3.33	-0.60	0.209
56.00	-43.59	-4.40	0.00	-353.04	0.00	353.04	2,428.42	1,214.21	3,752.16	1,853.05	3.39	-0.61	0.208
56.50	-43.43	-4.40	0.00	-350.84	0.00	350.84	2,421.84	1,210.92	3,731.77	1,842.98	3.45	-0.62	0.208
57.00	-43.27	-4.39	0.00	-348.64	0.00	348.64	2,415.26	1,207.63	3,711.43	1,832.94	3.52	-0.62	0.208
57.50	-43.11	-4.38	0.00	-346.45	0.00	346.45	2,408.69	1,204.34	3,691.15	1,822.92	3.58	-0.63	0.208
58.00	-42.96	-4.38	0.00	-344.26	0.00	344.26	2,402.11	1,201.05	3,670.93	1,812.94	3.65	-0.64	0.208
58.50	-42.80	-4.37	0.00	-342.07	0.00	342.07	2,395.53	1,197.77	3,650.76	1,802.98	3.72	-0.64	0.208
59.00	-42.64	-4.36	0.00	-339.88	0.00	339.88	2,388.96	1,194.48	3,630.65	1,793.04	3.78	-0.65	0.207
59.50	-42.49	-4.36	0.00	-337.70	0.00	337.70	2,382.38	1,191.19	3,610.60	1,783.14	3.85	-0.66	0.207
60.00	-42.33	-4.35	0.00	-335.52	0.00	335.52	2,375.80	1,187.90	3,590.60	1,773.26	3.92	-0.66	0.207
60.50	-42.18	-4.34	0.00	-333.35	0.00	333.35	2,369.22	1,184.61	3,570.65	1,763.41	3.99	-0.67	0.207
61.00	-42.02	-4.34	0.00	-331.18	0.00	331.18	2,362.65	1,181.32	3,550.76	1,753.59	4.06	-0.68	0.207
61.50	-41.87	-4.33	0.00	-329.01	0.00	329.01	2,356.07	1,178.03	3,530.93	1,743.79	4.13	-0.68	0.206
62.00	-41.71	-4.32	0.00	-326.84	0.00	326.84	2,349.49	1,174.75	3,511.15	1,734.03	4.21	-0.69	0.206
62.50	-41.56	-4.32	0.00	-324.68	0.00	324.68	2,342.92	1,171.46	3,491.43	1,724.28	4.28	-0.70	0.206
63.00	-41.41	-4.31	0.00	-322.52	0.00	322.52	2,336.34	1,168.17	3,471.76	1,714.57	4.35	-0.70	0.206
63.50	-41.25	-4.30	0.00	-320.37	0.00	320.37	2,329.76	1,164.88	3,452.15	1,704.89	4.43	-0.71	0.206
64.00	-41.10	-4.30	0.00	-318.22	0.00	318.22	2,323.18	1,161.59	3,432.59	1,695.23	4.50	-0.72	0.205
64.50	-40.95	-4.29	0.00	-316.07	0.00	316.07	2,316.61	1,158.30	3,413.09	1,685.60	4.58	-0.73	0.205
65.00	-40.79	-4.28	0.00	-313.92	0.00	313.92	2,310.03	1,155.01	3,393.65	1,675.99	4.65	-0.73	0.205
65.50	-40.64	-4.28	0.00	-311.78	0.00	311.78	2,303.45	1,151.73	3,374.26	1,666.42	4.73	-0.74	0.205
66.00	-40.49	-4.27	0.00	-309.65	0.00	309.65	2,296.88	1,148.44	3,354.92	1,656.87	4.81	-0.75	0.205
66.50	-40.34	-4.26	0.00	-307.51	0.00	307.51	2,290.30	1,145.15	3,335.65	1,647.35	4.89	-0.75	0.204
67.00	-40.19	-4.26	0.00	-305.38	0.00	305.38	2,283.72	1,141.86	3,316.42	1,637.86	4.97	-0.76	0.204
67.50	-40.04	-4.25	0.00	-303.25	0.00	303.25	2,277.14	1,138.57	3,297.26	1,628.39	5.05	-0.77	0.204
68.00	-39.89	-4.24	0.00	-301.13	0.00	301.13	2,270.57	1,135.28	3,278.14	1,618.95	5.13	-0.77	0.204
68.50	-39.74	-4.23	0.00	-299.01	0.00	299.01	2,263.99	1,131.99	3,259.09	1,609.54	5.21	-0.78	0.203
69.00	-39.59	-4.23	0.00	-296.89	0.00	296.89	2,257.41	1,128.71	3,240.09	1,600.16	5.29	-0.79	0.203
69.50	-39.44	-4.22	0.00	-294.78	0.00	294.78	2,250.84	1,125.42	3,221.14	1,590.80	5.37	-0.80	0.203
70.00	-39.29	-4.21	0.00	-292.67	0.00	292.67	2,244.26	1,122.13	3,202.25	1,581.47	5.46	-0.80	0.203
70.50	-39.14	-4.21	0.00	-290.56	0.00	290.56	2,237.68	1,118.84	3,183.42	1,572.17	5.54	-0.81	0.202
71.00	-38.99	-4.20	0.00	-288.46	0.00	288.46	2,231.10	1,115.55	3,164.64	1,562.90	5.63	-0.82	0.202
71.50	-38.84	-4.19	0.00	-286.36	0.00	286.36	2,224.53	1,112.26	3,145.92	1,553.65	5.71	-0.82	0.202
72.00	-38.69	-4.18	0.00	-284.26	0.00	284.26	2,217.95	1,108.97	3,127.25	1,544.43	5.80	-0.83	0.202
72.50	-38.55	-4.18	0.00	-282.17	0.00	282.17	2,211.37	1,105.69	3,108.64	1,535.24	5.89	-0.84	0.201
73.00	-38.40	-4.17	0.00	-280.08	0.00	280.08	2,204.80	1,102.40	3,090.08	1,526.08	5.98	-0.84	0.201
73.50	-38.25	-4.16	0.00	-278.00	0.00	278.00	2,198.22	1,099.11	3,071.58	1,516.94	6.06	-0.85	0.201
74.00	-38.11	-4.16	0.00	-275.92	0.00	275.92	2,191.64	1,095.82	3,053.14	1,507.83	6.15	-0.86	0.200
74.50	-37.96	-4.15	0.00	-273.84	0.00	273.84	2,185.06	1,092.53	3,034.75	1,498.75	6.24	-0.87	0.200
75.00	-37.82	-4.14	0.00	-271.76	0.00	271.76	2,178.49	1,089.24	3,016.41	1,489.69	6.34	-0.87	0.200
75.50	-37.67	-4.13	0.00	-269.69	0.00	269.69	2,171.91	1,085.95	2,998.14	1,480.67	6.43	-0.88	0.200
76.00	-37.52	-4.13	0.00	-267.63	0.00	267.63	2,165.33	1,082.67	2,979.91	1,471.67	6.52	-0.89	0.199
76.50	-37.38	-4.12	0.00	-265.56	0.00	265.56	2,158.76	1,079.38	2,961.75	1,462.70	6.61	-0.90	0.199
77.00	-37.24	-4.11	0.00	-263.50	0.00	263.50	2,152.18	1,076.09	2,943.64	1,453.75	6.71	-0.90	0.199
77.50	-37.09	-4.11	0.00	-261.45	0.00	261.45	2,145.60	1,072.80	2,925.58	1,444.83	6.80	-0.91	0.198
78.00	-36.95	-4.10	0.00	-259.39	0.00	259.39	2,139.02	1,069.51	2,907.58	1,435.94	6.90	-0.92	0.198
78.50	-36.80	-4.09	0.00	-257.34	0.00	257.34	2,132.45	1,066.22	2,889.63	1,427.08	6.99	-0.92	0.198
79.00	-36.66	-4.08	0.00	-255.30	0.00	255.30	2,125.87	1,062.94	2,871.74	1,418.25	7.09	-0.93	0.197
79.50	-36.52	-4.08	0.00	-253.26	0.00	253.26	2,119.29	1,059.65	2,853.91	1,409.44	7.19	-0.94	0.197
80.00	-36.38	-4.07	0.00	-251.22	0.00	251.22	2,112.72	1,056.36	2,836.13	1,400.66	7.29	-0.95	0.197
80.50	-36.23	-4.06	0.00	-249.19	0.00	249.19	2,106.14	1,053.07	2,818.41	1,391.91	7.39	-0.95	0.196
81.00	-36.09	-4.05	0.00	-247.16	0.00	247.16	2,099.56	1,049.78	2,800.74	1,383.18	7.49	-0.96	0.196
81.50	-35.95	-4.05	0.00	-245.13	0.00	245.13	2,092.98	1,046.49	2,783.13	1,374.48	7.59	-0.97	0.196

Pole: 302524
 Location: Beacon Falls, CT
 Height: 173.0 (ft)
 Shape: 12 Sides
 Base Dia: 48.50 (in)
 Top Dia: 8.400 (in)
 Taper: 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class: II
 Exposure Category: B
 Topographic Category: 1

Base Elev: 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi

45.00 mph with 1.00 in Radial Ice

44 Iterations

Gust Response Factor: 1.10

Ice Dead Load Factor: 1.00

Wind Importance Factor: 1.00

Dead Load Factor: 1.20

Ice Importance Factor: 1.00

Wind Load Factor: 1.00

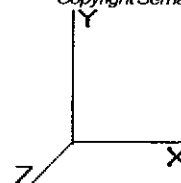
82.00	-35.81	-4.04	0.00	-243.11	0.00	243.11	2,086.41	1,043.20	2,765.57	1,365.81	7.69	-0.97	0.195
82.50	-35.67	-4.03	0.00	-241.09	0.00	241.09	2,079.83	1,039.92	2,748.07	1,357.17	7.79	-0.98	0.195
83.00	-35.53	-4.02	0.00	-239.07	0.00	239.07	2,073.25	1,036.63	2,730.63	1,348.55	7.90	-0.99	0.194
83.50	-35.39	-4.02	0.00	-237.06	0.00	237.06	2,066.68	1,033.34	2,713.24	1,339.97	8.00	-1.00	0.194
84.00	-35.25	-4.01	0.00	-235.05	0.00	235.05	2,060.10	1,030.05	2,695.90	1,331.41	8.11	-1.00	0.194
84.50	-35.11	-4.00	0.00	-233.05	0.00	233.05	2,053.52	1,026.76	2,678.63	1,322.87	8.21	-1.01	0.193
85.00	-34.97	-3.99	0.00	-231.05	0.00	231.05	2,046.94	1,023.47	2,661.40	1,314.37	8.32	-1.02	0.193
85.50	-34.83	-3.99	0.00	-229.05	0.00	229.05	2,040.37	1,020.18	2,644.24	1,305.89	8.42	-1.03	0.192
86.00	-34.70	-3.98	0.00	-227.06	0.00	227.06	2,033.79	1,016.90	2,627.12	1,297.44	8.53	-1.03	0.192
86.09	-34.67	-3.98	0.00	-226.71	0.00	226.71	2,032.65	1,016.33	2,624.16	1,295.98	8.55	-1.03	0.192
86.50	-34.51	-3.97	0.00	-225.07	0.00	225.07	2,027.21	1,013.61	2,610.07	1,289.01	8.64	-1.04	0.192
87.00	-34.31	-3.96	0.00	-223.08	0.00	223.08	2,020.64	1,010.32	2,593.07	1,280.62	8.75	-1.05	0.191
87.50	-34.11	-3.95	0.00	-221.10	0.00	221.10	2,014.06	1,007.03	2,576.12	1,272.25	8.86	-1.06	0.191
88.00	-33.92	-3.94	0.00	-219.13	0.00	219.13	2,007.48	1,003.74	2,559.23	1,263.91	8.97	-1.06	0.190
88.50	-33.72	-3.93	0.00	-217.16	0.00	217.16	2,000.90	1,000.45	2,542.40	1,255.60	9.08	-1.07	0.190
89.00	-33.53	-3.93	0.00	-215.19	0.00	215.19	1,994.33	997.16	2,525.62	1,247.31	9.20	-1.08	0.189
89.50	-33.33	-3.92	0.00	-213.23	0.00	213.23	1,987.75	993.88	2,508.90	1,239.05	9.31	-1.08	0.189
90.00	-33.14	-3.91	0.00	-211.27	0.00	211.27	1,981.17	990.59	2,492.23	1,230.82	9.42	-1.09	0.188
90.50	-32.95	-3.90	0.00	-209.32	0.00	209.32	1,974.60	987.30	2,475.62	1,222.61	9.54	-1.10	0.188
91.00	-32.75	-3.89	0.00	-207.37	0.00	207.37	1,968.02	984.01	2,459.06	1,214.44	9.65	-1.11	0.187
91.00	-32.75	-3.89	0.00	-207.35	0.00	207.35	1,640.64	820.32	2,096.83	1,035.55	9.65	-1.11	0.220
91.50	-32.63	-3.88	0.00	-205.42	0.00	205.42	1,635.31	817.65	2,083.15	1,028.79	9.77	-1.11	0.220
92.00	-32.50	-3.87	0.00	-203.48	0.00	203.48	1,629.93	814.97	2,069.42	1,022.01	9.89	-1.12	0.219
92.50	-32.38	-3.87	0.00	-201.54	0.00	201.54	1,624.56	812.28	2,055.74	1,015.25	10.00	-1.13	0.218
93.00	-32.26	-3.86	0.00	-199.61	0.00	199.61	1,619.19	809.59	2,042.11	1,008.52	10.12	-1.14	0.218
93.50	-32.14	-3.85	0.00	-197.68	0.00	197.68	1,613.82	806.91	2,028.52	1,001.81	10.24	-1.15	0.217
94.00	-32.01	-3.85	0.00	-195.75	0.00	195.75	1,608.44	804.22	2,014.97	995.12	10.36	-1.16	0.217
94.50	-31.89	-3.84	0.00	-193.83	0.00	193.83	1,603.07	801.54	2,001.47	988.45	10.49	-1.17	0.216
95.00	-31.77	-3.83	0.00	-191.91	0.00	191.91	1,597.70	798.85	1,988.02	981.81	10.61	-1.17	0.215
95.50	-31.65	-3.82	0.00	-190.00	0.00	190.00	1,592.33	796.16	1,974.61	975.18	10.73	-1.18	0.215
96.00	-31.53	-3.82	0.00	-188.08	0.00	188.08	1,586.95	793.48	1,961.24	968.58	10.86	-1.19	0.214
96.50	-31.41	-3.81	0.00	-186.18	0.00	186.18	1,581.58	790.79	1,947.92	962.01	10.98	-1.20	0.213
97.00	-31.29	-3.80	0.00	-184.27	0.00	184.27	1,576.21	788.10	1,934.65	955.45	11.11	-1.21	0.213
97.50	-31.17	-3.80	0.00	-182.37	0.00	182.37	1,570.84	785.42	1,921.42	948.92	11.23	-1.22	0.212
98.00	-31.05	-3.79	0.00	-180.47	0.00	180.47	1,565.46	782.73	1,908.24	942.41	11.36	-1.23	0.211
98.50	-30.93	-3.78	0.00	-178.58	0.00	178.58	1,560.09	780.05	1,895.10	935.92	11.49	-1.23	0.211
99.00	-30.81	-3.77	0.00	-176.69	0.00	176.69	1,554.72	777.36	1,882.01	929.46	11.62	-1.24	0.210
99.50	-30.69	-3.77	0.00	-174.80	0.00	174.80	1,549.35	774.67	1,868.97	923.01	11.75	-1.25	0.209
100.00	-30.57	-3.76	0.00	-172.92	0.00	172.92	1,543.97	771.99	1,855.97	916.59	11.88	-1.26	0.208
100.50	-30.45	-3.75	0.00	-171.04	0.00	171.04	1,538.60	769.30	1,843.01	910.19	12.02	-1.27	0.208
101.00	-30.33	-3.74	0.00	-169.17	0.00	169.17	1,533.23	766.61	1,830.10	903.82	12.15	-1.28	0.207
101.50	-30.22	-3.74	0.00	-167.29	0.00	167.29	1,527.85	763.93	1,817.24	897.46	12.28	-1.29	0.206
102.00	-30.10	-3.73	0.00	-165.43	0.00	165.43	1,522.48	761.24	1,804.42	891.13	12.42	-1.29	0.205
102.50	-29.98	-3.72	0.00	-163.56	0.00	163.56	1,517.11	758.55	1,791.64	884.82	12.55	-1.30	0.205
103.00	-29.87	-3.71	0.00	-161.70	0.00	161.70	1,511.74	755.87	1,778.91	878.54	12.69	-1.31	0.204
103.50	-29.75	-3.71	0.00	-159.84	0.00	159.84	1,506.36	753.18	1,766.23	872.27	12.83	-1.32	0.203
104.00	-29.63	-3.70	0.00	-157.99	0.00	157.99	1,500.99	750.50	1,753.59	866.03	12.97	-1.33	0.202
104.50	-29.52	-3.69	0.00	-156.14	0.00	156.14	1,495.62	747.81	1,741.00	859.81	13.11	-1.34	0.201
105.00	-29.40	-3.68	0.00	-154.30	0.00	154.30	1,490.25	745.12	1,728.45	853.62	13.25	-1.34	0.201
105.50	-29.29	-3.68	0.00	-152.46	0.00	152.46	1,484.87	742.44	1,715.95	847.44	13.39	-1.35	0.200
106.00	-29.17	-3.67	0.00	-150.62	0.00	150.62	1,479.50	739.75	1,703.50	841.29	13.53	-1.36	0.199
106.50	-29.06	-3.66	0.00	-148.78	0.00	148.78	1,474.13	737.06	1,691.08	835.16	13.67	-1.37	0.198
107.00	-28.94	-3.65	0.00	-146.95	0.00	146.95	1,468.76	734.38	1,678.72	829.06	13.82	-1.38	0.197
107.50	-28.83	-3.65	0.00	-145.13	0.00	145.13	1,463.38	731.69	1,666.40	822.97	13.96	-1.39	0.196
108.00	-28.72	-3.64	0.00	-143.31	0.00	143.31	1,458.01	729.01	1,654.12	816.91	14.11	-1.40	0.195
108.50	-28.60	-3.63	0.00	-141.49	0.00	141.49	1,452.64	726.32	1,641.89	810.87	14.26	-1.40	0.194
109.00	-28.49	-3.62	0.00	-139.67	0.00	139.67	1,447.27	723.63	1,629.71	804.85	14.40	-1.41	0.193

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi			45.00 mph with 1.00 in Radial Ice			44 Iterations		
Gust Response Factor : 1.10			Ice Dead Load Factor : 1.00			Wind Importance Factor : 1.00		
Dead Load Factor : 1.20						Ice Importance Factor : 1.00		
Wind Load Factor : 1.00								

109.50	-28.38	-3.61	0.00	-137.86	0.00	137.86	1,441.89	720.95	1,617.57	798.86	14.55	-1.42	0.192
110.00	-28.26	-3.61	0.00	-136.05	0.00	136.05	1,436.52	718.26	1,605.48	792.89	14.70	-1.43	0.191
110.50	-28.15	-3.60	0.00	-134.25	0.00	134.25	1,431.15	715.57	1,593.43	786.94	14.85	-1.44	0.190
111.00	-28.04	-3.59	0.00	-132.45	0.00	132.45	1,425.78	712.89	1,581.43	781.01	15.00	-1.45	0.189
111.50	-27.93	-3.58	0.00	-130.66	0.00	130.66	1,420.40	710.20	1,569.47	775.10	15.15	-1.45	0.188
112.00	-27.82	-3.58	0.00	-128.86	0.00	128.86	1,415.03	707.52	1,557.56	769.22	15.31	-1.46	0.187
112.50	-27.71	-3.57	0.00	-127.08	0.00	127.08	1,409.66	704.83	1,545.69	763.36	15.46	-1.47	0.186
113.00	-27.60	-3.56	0.00	-125.29	0.00	125.29	1,404.29	702.14	1,533.87	757.52	15.61	-1.48	0.185
113.50	-27.49	-3.55	0.00	-123.51	0.00	123.51	1,398.91	699.46	1,522.10	751.71	15.77	-1.49	0.184
114.00	-27.38	-3.54	0.00	-121.74	0.00	121.74	1,393.54	696.77	1,510.37	745.91	15.93	-1.50	0.183
114.50	-27.27	-3.54	0.00	-119.96	0.00	119.96	1,388.17	694.08	1,498.68	740.14	16.08	-1.50	0.182
115.00	-27.16	-3.53	0.00	-118.20	0.00	118.20	1,382.79	691.40	1,487.04	734.39	16.24	-1.51	0.181
115.50	-27.05	-3.52	0.00	-116.43	0.00	116.43	1,377.42	688.71	1,475.45	728.67	16.40	-1.52	0.179
116.00	-26.94	-3.51	0.00	-114.67	0.00	114.67	1,372.05	686.02	1,463.90	722.97	16.56	-1.53	0.178
116.50	-26.83	-3.50	0.00	-112.92	0.00	112.92	1,366.68	683.34	1,452.40	717.28	16.72	-1.54	0.177
117.00	-26.73	-3.50	0.00	-111.16	0.00	111.16	1,361.30	680.65	1,440.94	711.63	16.88	-1.54	0.176
117.50	-26.62	-3.49	0.00	-109.41	0.00	109.41	1,355.93	677.97	1,429.53	705.99	17.04	-1.55	0.175
118.00	-26.51	-3.48	0.00	-107.67	0.00	107.67	1,350.56	675.28	1,418.16	700.38	17.21	-1.56	0.173
118.50	-26.40	-3.47	0.00	-105.93	0.00	105.93	1,345.19	672.59	1,406.84	694.78	17.37	-1.57	0.172
119.00	-26.30	-3.46	0.00	-104.19	0.00	104.19	1,339.81	669.91	1,395.56	689.21	17.53	-1.58	0.171
119.50	-26.19	-3.46	0.00	-102.46	0.00	102.46	1,334.44	667.22	1,384.33	683.67	17.70	-1.58	0.170
120.00	-26.09	-3.45	0.00	-100.73	0.00	100.73	1,329.07	664.53	1,373.14	678.14	17.87	-1.59	0.168
120.50	-25.98	-3.44	0.00	-99.01	0.00	99.01	1,323.70	661.85	1,362.00	672.64	18.03	-1.60	0.167
120.83	-25.91	-3.43	0.00	-97.87	0.00	97.87	1,320.15	660.08	1,354.68	669.02	18.14	-1.60	0.166
121.00	-25.86	-3.43	0.00	-97.29	0.00	97.29	1,318.32	659.16	1,350.91	667.16	18.20	-1.61	0.165
121.50	-25.73	-3.42	0.00	-95.57	0.00	95.57	1,312.95	656.48	1,339.86	661.71	18.37	-1.61	0.164
122.00	-25.59	-3.41	0.00	-93.86	0.00	93.86	1,307.58	653.79	1,328.86	656.27	18.54	-1.62	0.163
122.50	-25.46	-3.40	0.00	-92.16	0.00	92.16	1,302.21	651.10	1,317.90	650.86	18.71	-1.63	0.161
123.00	-25.32	-3.40	0.00	-90.45	0.00	90.45	1,296.83	648.42	1,306.98	645.47	18.88	-1.64	0.160
123.50	-25.19	-3.39	0.00	-88.76	0.00	88.76	1,291.46	645.73	1,296.12	640.10	19.05	-1.64	0.158
124.00	-25.05	-3.38	0.00	-87.06	0.00	87.06	1,286.09	643.04	1,285.29	634.76	19.23	-1.65	0.157
124.50	-24.92	-3.37	0.00	-85.38	0.00	85.38	1,280.72	640.36	1,274.52	629.44	19.40	-1.66	0.155
125.00	-24.78	-3.36	0.00	-83.70	0.00	83.70	826.04	413.02	837.83	413.77	19.57	-1.67	0.232
125.00	-24.78	-3.36	0.00	-83.69	0.00	83.69	826.03	413.01	837.80	413.76	19.57	-1.67	0.232
125.50	-24.69	-3.35	0.00	-82.01	0.00	82.01	824.51	412.25	832.77	411.27	19.75	-1.68	0.229
126.00	-24.61	-3.35	0.00	-80.34	0.00	80.34	822.97	411.49	827.74	408.79	19.92	-1.69	0.226
126.50	-24.52	-3.34	0.00	-78.66	0.00	78.66	821.42	410.71	822.71	406.31	20.10	-1.70	0.224
127.00	-24.43	-3.33	0.00	-76.99	0.00	76.99	819.85	409.93	817.68	403.82	20.28	-1.71	0.221
127.50	-24.34	-3.32	0.00	-75.33	0.00	75.33	818.27	409.13	812.65	401.34	20.46	-1.72	0.218
128.00	-24.25	-3.32	0.00	-73.67	0.00	73.67	816.67	408.33	807.61	398.85	20.64	-1.73	0.214
128.50	-24.17	-3.31	0.00	-72.01	0.00	72.01	815.05	407.53	802.57	396.36	20.82	-1.74	0.211
129.00	-24.08	-3.30	0.00	-70.35	0.00	70.35	813.42	406.71	797.53	393.87	21.00	-1.75	0.208
129.50	-23.99	-3.30	0.00	-68.70	0.00	68.70	811.78	405.89	792.49	391.38	21.19	-1.76	0.205
130.00	-23.91	-3.29	0.00	-67.05	0.00	67.05	810.12	405.06	787.44	388.89	21.37	-1.77	0.202
130.50	-23.82	-3.28	0.00	-65.41	0.00	65.41	808.44	404.22	782.40	386.40	21.56	-1.77	0.199
131.00	-23.73	-3.28	0.00	-63.77	0.00	63.77	806.74	403.37	777.35	383.91	21.74	-1.78	0.196
131.50	-23.65	-3.27	0.00	-62.13	0.00	62.13	805.03	402.52	772.31	381.41	21.93	-1.79	0.192
132.00	-23.56	-3.26	0.00	-60.50	0.00	60.50	803.31	401.65	767.26	378.92	22.12	-1.80	0.189
132.50	-23.48	-3.25	0.00	-58.87	0.00	58.87	801.57	400.78	762.21	376.43	22.31	-1.81	0.186
133.00	-23.39	-3.25	0.00	-57.24	0.00	57.24	799.81	399.91	757.17	373.94	22.50	-1.82	0.182
133.50	-23.31	-3.24	0.00	-55.62	0.00	55.62	798.04	399.02	752.12	371.44	22.69	-1.83	0.179
134.00	-23.22	-3.23	0.00	-54.00	0.00	54.00	796.25	398.13	747.07	368.95	22.88	-1.84	0.176
134.50	-23.14	-3.22	0.00	-52.38	0.00	52.38	794.45	397.22	742.02	366.46	23.07	-1.85	0.172
135.00	-23.06	-3.22	0.00	-50.77	0.00	50.77	792.63	396.32	736.98	363.97	23.27	-1.85	0.169
135.50	-22.97	-3.21	0.00	-49.16	0.00	49.16	790.80	395.40	731.93	361.47	23.46	-1.86	0.165
136.00	-22.89	-3.20	0.00	-47.56	0.00	47.56	788.95	394.47	726.89	358.98	23.66	-1.87	0.162
136.50	-22.81	-3.19	0.00	-45.96	0.00	45.96	787.08	393.54	721.84	356.49	23.85	-1.88	0.158

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

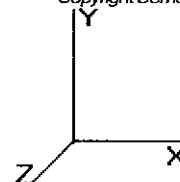
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi				45.00 mph with 1.00 in Radial Ice				44 Iterations			
Gust Response Factor : 1.10				Ice Dead Load Factor : 1.00				Wind Importance Factor : 1.00			
Dead Load Factor : 1.20								Ice Importance Factor : 1.00			
Wind Load Factor : 1.00											

137.00	-22.72	-3.18	0.00	-44.36	0.00	44.36	783.60	391.80	715.34	353.28	24.05	-1.88	0.155
137.50	-17.23	-2.45	0.00	-42.77	0.00	42.77	780.00	390.00	708.77	350.03	24.25	-1.89	0.144
138.00	-17.15	-2.44	0.00	-41.55	0.00	41.55	776.41	388.20	702.22	346.80	24.45	-1.90	0.142
138.50	-17.08	-2.43	0.00	-40.32	0.00	40.32	772.81	386.41	695.71	343.58	24.65	-1.91	0.140
139.00	-17.00	-2.43	0.00	-39.11	0.00	39.11	769.22	384.61	689.22	340.38	24.85	-1.91	0.137
139.50	-16.93	-2.42	0.00	-37.89	0.00	37.89	765.62	382.81	682.77	337.19	25.05	-1.92	0.135
140.00	-16.85	-2.41	0.00	-36.69	0.00	36.69	762.03	381.01	676.34	334.02	25.25	-1.93	0.132
140.50	-16.78	-2.40	0.00	-35.48	0.00	35.48	758.43	379.22	669.95	330.86	25.45	-1.93	0.129
141.00	-16.70	-2.39	0.00	-34.28	0.00	34.28	754.84	377.42	663.59	327.72	25.65	-1.94	0.127
141.50	-16.63	-2.38	0.00	-33.09	0.00	33.09	751.25	375.62	657.26	324.59	25.86	-1.95	0.124
142.00	-16.55	-2.37	0.00	-31.89	0.00	31.89	747.65	373.83	650.95	321.48	26.06	-1.95	0.121
142.50	-16.48	-2.37	0.00	-30.71	0.00	30.71	744.06	372.03	644.68	318.38	26.27	-1.96	0.119
143.00	-16.41	-2.36	0.00	-29.52	0.00	29.52	740.46	370.23	638.44	315.30	26.47	-1.97	0.116
143.50	-16.33	-2.35	0.00	-28.35	0.00	28.35	736.87	368.43	632.23	312.23	26.68	-1.97	0.113
144.00	-16.26	-2.34	0.00	-27.17	0.00	27.17	733.27	366.64	626.05	309.18	26.89	-1.98	0.110
144.50	-16.19	-2.33	0.00	-26.00	0.00	26.00	729.68	364.84	619.90	306.15	27.09	-1.98	0.107
145.00	-16.11	-2.32	0.00	-24.84	0.00	24.84	726.08	363.04	613.78	303.12	27.30	-1.99	0.104
145.50	-16.04	-2.31	0.00	-23.67	0.00	23.67	722.49	361.24	607.69	300.12	27.51	-1.99	0.101
146.00	-15.97	-2.30	0.00	-22.52	0.00	22.52	718.90	359.45	601.63	297.12	27.72	-2.00	0.098
146.50	-15.90	-2.30	0.00	-21.37	0.00	21.37	715.30	357.65	595.60	294.15	27.93	-2.00	0.095
147.00	-15.83	-2.29	0.00	-20.22	0.00	20.22	711.71	355.85	589.60	291.18	28.14	-2.01	0.092
147.50	-15.76	-2.28	0.00	-19.07	0.00	19.07	708.11	354.06	583.64	288.24	28.35	-2.01	0.088
148.00	-9.06	-1.29	0.00	-17.94	0.00	17.94	704.52	352.26	577.70	285.30	28.56	-2.02	0.076
148.50	-9.00	-1.29	0.00	-17.29	0.00	17.29	700.92	350.46	571.79	282.39	28.77	-2.02	0.074
149.00	-8.93	-1.28	0.00	-16.65	0.00	16.65	697.33	348.66	565.91	279.48	28.98	-2.02	0.072
149.50	-8.87	-1.27	0.00	-16.01	0.00	16.01	693.73	346.87	560.07	276.60	29.19	-2.03	0.071
150.00	-8.81	-1.26	0.00	-15.37	0.00	15.37	690.14	345.07	554.25	273.72	29.41	-2.03	0.069
150.50	-8.75	-1.25	0.00	-14.75	0.00	14.75	686.54	343.27	548.47	270.87	29.62	-2.04	0.067
151.00	-8.68	-1.24	0.00	-14.12	0.00	14.12	682.95	341.48	542.71	268.02	29.83	-2.04	0.065
151.50	-8.62	-1.23	0.00	-13.50	0.00	13.50	679.36	339.68	536.99	265.20	30.05	-2.04	0.064
152.00	-8.56	-1.22	0.00	-12.89	0.00	12.89	675.76	337.88	531.29	262.38	30.26	-2.05	0.062
152.50	-8.50	-1.21	0.00	-12.28	0.00	12.28	672.17	336.08	525.63	259.59	30.48	-2.05	0.060
153.00	-8.44	-1.20	0.00	-11.67	0.00	11.67	668.57	334.29	519.99	256.80	30.69	-2.05	0.058
153.50	-8.38	-1.19	0.00	-11.07	0.00	11.07	664.98	332.49	514.39	254.04	30.91	-2.06	0.056
154.00	-8.32	-1.18	0.00	-10.47	0.00	10.47	661.38	330.69	508.81	251.28	31.12	-2.06	0.054
154.50	-8.26	-1.18	0.00	-9.88	0.00	9.88	657.79	328.89	503.27	248.55	31.34	-2.06	0.052
155.00	-8.20	-1.17	0.00	-9.29	0.00	9.29	654.19	327.10	497.76	245.82	31.55	-2.06	0.050
155.50	-8.14	-1.16	0.00	-8.71	0.00	8.71	650.60	325.30	492.28	243.12	31.77	-2.07	0.048
156.00	-8.08	-1.15	0.00	-8.13	0.00	8.13	647.01	323.50	486.83	240.42	31.99	-2.07	0.046
156.50	-8.02	-1.14	0.00	-7.56	0.00	7.56	643.41	321.71	481.40	237.75	32.20	-2.07	0.044
157.00	-7.96	-1.13	0.00	-6.99	0.00	6.99	639.82	319.91	476.01	235.08	32.42	-2.07	0.042
157.50	-7.91	-1.12	0.00	-6.42	0.00	6.42	636.22	318.11	470.65	232.44	32.64	-2.08	0.040
158.00	-7.85	-1.11	0.00	-5.86	0.00	5.86	632.63	316.31	465.32	229.80	32.85	-2.08	0.038
158.50	-7.79	-1.10	0.00	-5.30	0.00	5.30	629.03	314.52	460.02	227.19	33.07	-2.08	0.036
159.00	-7.73	-1.09	0.00	-4.75	0.00	4.75	625.44	312.72	454.75	224.58	33.29	-2.08	0.034
159.50	-7.68	-1.09	0.00	-4.20	0.00	4.20	621.84	310.92	449.51	222.00	33.51	-2.08	0.031
160.00	-7.62	-1.08	0.00	-3.66	0.00	3.66	618.25	309.13	444.30	219.43	33.73	-2.08	0.029
160.50	-7.62	-1.08	0.00	-3.66	0.00	3.66	618.25	309.13	444.30	219.43	33.73	-2.08	0.064
160.50	-7.57	-1.07	0.00	-3.12	0.00	3.12	506.62	253.31	150.95	74.55	33.94	-2.09	0.057
161.00	-7.51	-1.07	0.00	-2.59	0.00	2.59	506.62	253.31	150.95	74.55	34.16	-2.09	0.050
161.50	-7.46	-1.06	0.00	-2.06	0.00	2.06	506.62	253.31	150.95	74.55	34.38	-2.09	0.042
162.00	-1.58	-0.23	0.00	-1.53	0.00	1.53	506.62	253.31	150.95	74.55	34.60	-2.09	0.024
162.50	-1.53	-0.22	0.00	-1.41	0.00	1.41	506.62	253.31	150.95	74.55	34.82	-2.10	0.022
163.00	-1.48	-0.22	0.00	-1.30	0.00	1.30	506.62	253.31	150.95	74.55	35.04	-2.10	0.020
163.50	-1.42	-0.21	0.00	-1.19	0.00	1.19	506.62	253.31	150.95	74.55	35.26	-2.10	0.019
164.00	-1.37	-0.20	0.00	-1.09	0.00	1.09	506.62	253.31	150.95	74.55	35.48	-2.10	0.017
164.50	-1.32	-0.20	0.00	-0.99	0.00	0.99	506.62	253.31	150.95	74.55	35.70	-2.10	0.016

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

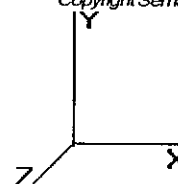
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi	45.00 mph with 1.00 in Radial Ice	44 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

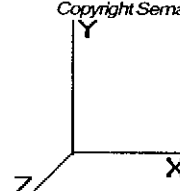
165.00	-1.27	-0.19	0.00	-0.89	0.00	0.89	506.62	253.31	150.95	74.55	35.92	-2.10	0.014
165.50	-1.22	-0.19	0.00	-0.79	0.00	0.79	506.62	253.31	150.95	74.55	36.14	-2.10	0.013
166.00	-1.17	-0.18	0.00	-0.70	0.00	0.70	506.62	253.31	150.95	74.55	36.36	-2.10	0.012
166.50	-1.11	-0.17	0.00	-0.61	0.00	0.61	506.62	253.31	150.95	74.55	36.58	-2.10	0.010
167.00	-1.06	-0.17	0.00	-0.52	0.00	0.52	506.62	253.31	150.95	74.55	36.80	-2.11	0.009
167.50	-1.01	-0.16	0.00	-0.44	0.00	0.44	506.62	253.31	150.95	74.55	37.02	-2.11	0.008
168.00	-0.96	-0.16	0.00	-0.36	0.00	0.36	506.62	253.31	150.95	74.55	37.24	-2.11	0.007
168.50	-0.91	-0.15	0.00	-0.28	0.00	0.28	506.62	253.31	150.95	74.55	37.46	-2.11	0.006
169.00	-0.85	-0.14	0.00	-0.20	0.00	0.20	506.62	253.31	150.95	74.55	37.68	-2.11	0.004
169.50	-0.80	-0.14	0.00	-0.13	0.00	0.13	506.62	253.31	150.95	74.55	37.90	-2.11	0.003
170.00	-0.29	-0.04	0.00	-0.06	0.00	0.06	506.62	253.31	150.95	74.55	38.12	-2.11	0.001
170.50	-0.24	-0.03	0.00	-0.04	0.00	0.04	506.62	253.31	150.95	74.55	38.34	-2.11	0.001
171.00	-0.20	-0.02	0.00	-0.03	0.00	0.03	506.62	253.31	150.95	74.55	38.57	-2.11	0.001
171.50	-0.15	-0.02	0.00	-0.02	0.00	0.02	506.62	253.31	150.95	74.55	38.79	-2.11	0.001
172.00	-0.10	-0.01	0.00	-0.01	0.00	0.01	506.62	253.31	150.95	74.55	39.01	-2.11	0.000
172.50	-0.05	-0.01	0.00	0.00	0.00	0.00	506.62	253.31	150.95	74.55	39.23	-2.11	0.000
173.00	0.00	0.00	0.00	0.00	0.00	0.00	506.62	253.31	150.95	74.55	39.45	-2.11	0.000

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

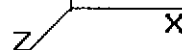
Seg Top Elev (ft)	Description	Kzt	Kz	αz (psf)	$\alpha z G_h$ (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	210.04	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
0.50		1.00	0.70	6.129	6.742	209.60	1.000	0.00	0.50	2.090	2.09	14.1	0.0	106.9
1.00		1.00	0.70	6.129	6.742	209.16	1.000	0.00	0.50	2.086	2.09	14.1	0.0	106.6
1.50		1.00	0.70	6.129	6.742	208.72	1.000	0.00	0.50	2.081	2.08	14.0	0.0	106.4
2.00		1.00	0.70	6.129	6.742	208.28	1.000	0.00	0.50	2.077	2.08	14.0	0.0	106.2
2.50		1.00	0.70	6.129	6.742	207.84	1.000	0.00	0.50	2.072	2.07	14.0	0.0	106.0
3.00		1.00	0.70	6.129	6.742	207.41	1.000	0.00	0.50	2.068	2.07	13.9	0.0	105.7
3.50		1.00	0.70	6.129	6.742	206.97	1.000	0.00	0.50	2.064	2.06	13.9	0.0	105.5
4.00		1.00	0.70	6.129	6.742	206.53	1.000	0.00	0.50	2.059	2.06	13.9	0.0	105.3
4.50		1.00	0.70	6.129	6.742	206.09	1.000	0.00	0.50	2.055	2.05	13.9	0.0	105.1
5.00		1.00	0.70	6.129	6.742	205.65	1.000	0.00	0.50	2.051	2.05	13.8	0.0	104.8
5.50		1.00	0.70	6.129	6.742	205.21	1.000	0.00	0.50	2.046	2.05	13.8	0.0	104.6
6.00		1.00	0.70	6.129	6.742	204.77	1.000	0.00	0.50	2.042	2.04	13.8	0.0	104.4
6.50		1.00	0.70	6.129	6.742	204.33	1.000	0.00	0.50	2.037	2.04	13.7	0.0	104.2
7.00		1.00	0.70	6.129	6.742	203.89	1.000	0.00	0.50	2.033	2.03	13.7	0.0	103.9
7.50		1.00	0.70	6.129	6.742	203.45	1.000	0.00	0.50	2.029	2.03	13.7	0.0	103.7
8.00		1.00	0.70	6.129	6.742	203.01	1.000	0.00	0.50	2.024	2.02	13.6	0.0	103.5
8.50		1.00	0.70	6.129	6.742	202.57	1.000	0.00	0.50	2.020	2.02	13.6	0.0	103.2
9.00		1.00	0.70	6.129	6.742	202.13	1.000	0.00	0.50	2.015	2.02	13.6	0.0	103.0
9.50		1.00	0.70	6.129	6.742	201.69	1.000	0.00	0.50	2.011	2.01	13.6	0.0	102.8
10.00		1.00	0.70	6.129	6.742	201.25	1.000	0.00	0.50	2.007	2.01	13.5	0.0	102.6
10.50		1.00	0.70	6.129	6.742	200.81	1.000	0.00	0.50	2.002	2.00	13.5	0.0	102.3
11.00		1.00	0.70	6.129	6.742	200.37	1.000	0.00	0.50	1.998	2.00	13.5	0.0	102.1
11.50		1.00	0.70	6.129	6.742	199.93	1.000	0.00	0.50	1.994	1.99	13.4	0.0	101.9
12.00		1.00	0.70	6.129	6.742	199.49	1.000	0.00	0.50	1.989	1.99	13.4	0.0	101.7
12.50		1.00	0.70	6.129	6.742	199.05	1.000	0.00	0.50	1.985	1.98	13.4	0.0	101.4
13.00		1.00	0.70	6.129	6.742	198.61	1.000	0.00	0.50	1.980	1.98	13.4	0.0	101.2
13.50		1.00	0.70	6.129	6.742	198.17	1.000	0.00	0.50	1.976	1.98	13.3	0.0	101.0
14.00		1.00	0.70	6.129	6.742	197.73	1.000	0.00	0.50	1.972	1.97	13.3	0.0	100.8
14.50		1.00	0.70	6.129	6.742	197.29	1.000	0.00	0.50	1.967	1.97	13.3	0.0	100.5
15.00		1.00	0.70	6.129	6.742	196.86	1.000	0.00	0.50	1.963	1.96	13.2	0.0	100.3
15.50		1.00	0.70	6.129	6.742	196.42	1.000	0.00	0.50	1.959	1.96	13.2	0.0	100.1
16.00		1.00	0.70	6.129	6.742	195.98	1.000	0.00	0.50	1.954	1.95	13.2	0.0	99.9
16.50		1.00	0.70	6.129	6.742	195.54	1.000	0.00	0.50	1.950	1.95	13.1	0.0	99.6
17.00		1.00	0.70	6.129	6.742	195.10	1.000	0.00	0.50	1.945	1.95	13.1	0.0	99.4
17.50		1.00	0.70	6.129	6.742	194.66	1.000	0.00	0.50	1.941	1.94	13.1	0.0	99.2
18.00		1.00	0.70	6.129	6.742	194.22	1.000	0.00	0.50	1.937	1.94	13.1	0.0	99.0
18.50		1.00	0.70	6.129	6.742	193.78	1.000	0.00	0.50	1.932	1.93	13.0	0.0	98.7
19.00		1.00	0.70	6.129	6.742	193.34	1.000	0.00	0.50	1.928	1.93	13.0	0.0	98.5
19.50		1.00	0.70	6.129	6.742	192.90	1.000	0.00	0.50	1.924	1.92	13.0	0.0	98.3
20.00		1.00	0.70	6.129	6.742	192.46	1.000	0.00	0.50	1.919	1.92	12.9	0.0	98.1
20.50		1.00	0.70	6.129	6.742	192.02	1.000	0.00	0.50	1.915	1.91	12.9	0.0	97.8
21.00		1.00	0.70	6.129	6.742	191.58	1.000	0.00	0.50	1.910	1.91	12.9	0.0	97.6
21.50		1.00	0.70	6.129	6.742	191.14	1.000	0.00	0.50	1.906	1.91	12.8	0.0	97.4
22.00		1.00	0.70	6.129	6.742	190.70	1.000	0.00	0.50	1.902	1.90	12.8	0.0	97.2
22.50		1.00	0.70	6.129	6.742	190.26	1.000	0.00	0.50	1.897	1.90	12.8	0.0	96.9
23.00		1.00	0.70	6.129	6.742	189.82	1.000	0.00	0.50	1.893	1.89	12.8	0.0	96.7
23.50		1.00	0.70	6.129	6.742	189.38	1.000	0.00	0.50	1.889	1.89	12.7	0.0	96.5
24.00		1.00	0.70	6.129	6.742	188.94	1.000	0.00	0.50	1.884	1.88	12.7	0.0	96.2
24.50		1.00	0.70	6.129	6.742	188.50	1.000	0.00	0.50	1.880	1.88	12.7	0.0	96.0
25.00		1.00	0.70	6.129	6.742	188.06	1.000	0.00	0.50	1.875	1.88	12.6	0.0	95.8

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
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 Struct Class : II
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

Wind Importance Factor : 1.00

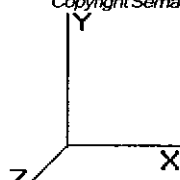
25.50	1.00	0.70	6.129	6.742	187.62	1.000	0.00	0.50	1.871	1.87	12.6	0.0	95.6
26.00	1.00	0.70	6.129	6.742	187.18	1.000	0.00	0.50	1.867	1.87	12.6	0.0	95.3
26.50	1.00	0.70	6.129	6.742	186.74	1.000	0.00	0.50	1.862	1.86	12.6	0.0	95.1
27.00	1.00	0.70	6.129	6.742	186.31	1.000	0.00	0.50	1.858	1.86	12.5	0.0	94.9
27.50	1.00	0.70	6.129	6.742	185.87	1.000	0.00	0.50	1.854	1.85	12.5	0.0	94.7
28.00	1.00	0.70	6.129	6.742	185.43	1.000	0.00	0.50	1.849	1.85	12.5	0.0	94.4
28.50	1.00	0.70	6.129	6.742	184.99	1.000	0.00	0.50	1.845	1.84	12.4	0.0	94.2
29.00	1.00	0.70	6.129	6.742	184.55	1.000	0.00	0.50	1.840	1.84	12.4	0.0	94.0
29.50	1.00	0.70	6.129	6.742	184.11	1.000	0.00	0.50	1.836	1.84	12.4	0.0	93.8
30.00	1.00	0.70	6.134	6.747	183.75	1.000	0.00	0.50	1.832	1.83	12.4	0.0	93.5
30.50	1.00	0.70	6.163	6.779	183.74	1.000	0.00	0.50	1.827	1.83	12.4	0.0	93.3
31.00	1.00	0.70	6.192	6.811	183.72	1.000	0.00	0.50	1.823	1.82	12.4	0.0	93.1
31.50	1.00	0.71	6.220	6.842	183.70	1.000	0.00	0.50	1.818	1.82	12.4	0.0	92.9
32.00	1.00	0.71	6.248	6.873	183.67	1.000	0.00	0.50	1.814	1.81	12.5	0.0	92.6
32.50	1.00	0.71	6.276	6.903	183.63	1.000	0.00	0.50	1.810	1.81	12.5	0.0	92.4
33.00	1.00	0.72	6.303	6.933	183.59	1.000	0.00	0.50	1.805	1.81	12.5	0.0	92.2
33.50	1.00	0.72	6.330	6.963	183.54	1.000	0.00	0.50	1.801	1.80	12.5	0.0	92.0
34.00	1.00	0.72	6.357	6.993	183.48	1.000	0.00	0.50	1.797	1.80	12.6	0.0	91.7
34.50	1.00	0.72	6.384	7.022	183.41	1.000	0.00	0.50	1.792	1.79	12.6	0.0	91.5
35.00	1.00	0.73	6.410	7.051	183.34	1.000	0.00	0.50	1.788	1.79	12.6	0.0	91.3
35.50	1.00	0.73	6.436	7.080	183.26	1.000	0.00	0.50	1.783	1.78	12.6	0.0	91.1
36.00	1.00	0.73	6.462	7.108	183.18	1.000	0.00	0.50	1.779	1.78	12.6	0.0	90.8
36.50	1.00	0.74	6.487	7.136	183.09	1.000	0.00	0.50	1.775	1.77	12.7	0.0	90.6
37.00	1.00	0.74	6.513	7.164	182.99	1.000	0.00	0.50	1.770	1.77	12.7	0.0	90.4
37.50	1.00	0.74	6.538	7.191	182.89	1.000	0.00	0.50	1.766	1.77	12.7	0.0	90.2
38.00	1.00	0.75	6.562	7.219	182.78	1.000	0.00	0.50	1.762	1.76	12.7	0.0	89.9
38.50	1.00	0.75	6.587	7.246	182.66	1.000	0.00	0.50	1.757	1.76	12.7	0.0	89.7
39.00	1.00	0.75	6.611	7.272	182.54	1.000	0.00	0.50	1.753	1.75	12.7	0.0	89.5
39.50	1.00	0.75	6.635	7.299	182.42	1.000	0.00	0.50	1.748	1.75	12.8	0.0	89.3
40.00	1.00	0.76	6.659	7.325	182.29	1.000	0.00	0.50	1.744	1.74	12.8	0.0	89.0
40.50	1.00	0.76	6.683	7.351	182.15	1.000	0.00	0.50	1.740	1.74	12.8	0.0	88.8
41.00	1.00	0.76	6.706	7.377	182.01	1.000	0.00	0.50	1.735	1.74	12.8	0.0	88.6
41.50	1.00	0.76	6.730	7.403	181.87	1.000	0.00	0.50	1.731	1.73	12.8	0.0	88.3
42.00	1.00	0.77	6.753	7.428	181.72	1.000	0.00	0.50	1.727	1.73	12.8	0.0	88.1
42.50	1.00	0.77	6.776	7.453	181.56	1.000	0.00	0.50	1.722	1.72	12.8	0.0	87.9
43.00	1.00	0.77	6.798	7.478	181.41	1.000	0.00	0.50	1.718	1.72	12.8	0.0	87.7
43.50	1.00	0.77	6.821	7.503	181.24	1.000	0.00	0.50	1.713	1.71	12.9	0.0	87.4
43.58 Bot - Section 2	1.00	0.77	6.825	7.507	181.21	1.000	0.00	0.08	0.285	0.29	2.1	0.0	14.6
44.00	1.00	0.78	6.843	7.527	181.07	1.000	0.00	0.42	1.449	1.45	10.9	0.0	135.4
44.50	1.00	0.78	6.865	7.552	180.90	1.000	0.00	0.50	1.734	1.73	13.1	0.0	162.1
45.00	1.00	0.78	6.887	7.576	180.72	1.000	0.00	0.50	1.730	1.73	13.1	0.0	161.7
45.50	1.00	0.78	6.909	7.600	180.54	1.000	0.00	0.50	1.726	1.73	13.1	0.0	161.3
46.00	1.00	0.79	6.931	7.624	180.36	1.000	0.00	0.50	1.721	1.72	13.1	0.0	160.9
46.50	1.00	0.79	6.952	7.647	180.17	1.000	0.00	0.50	1.717	1.72	13.1	0.0	160.4
47.00	1.00	0.79	6.973	7.671	179.97	1.000	0.00	0.50	1.712	1.71	13.1	0.0	160.0
47.50	1.00	0.79	6.994	7.694	179.78	1.000	0.00	0.50	1.708	1.71	13.1	0.0	159.6
48.00	1.00	0.80	7.015	7.717	179.58	1.000	0.00	0.50	1.704	1.70	13.1	0.0	159.2
48.50	1.00	0.80	7.036	7.740	179.37	1.000	0.00	0.50	1.699	1.70	13.2	0.0	158.8
49.00	1.00	0.80	7.057	7.763	179.16	1.000	0.00	0.50	1.695	1.69	13.2	0.0	158.4
49.50 Top - Section 1	1.00	0.80	7.077	7.785	178.95	1.000	0.00	0.50	1.691	1.69	13.2	0.0	157.9
50.00	1.00	0.81	7.098	7.807	181.94	1.000	0.00	0.50	1.686	1.69	13.2	0.0	73.0
50.50	1.00	0.81	7.118	7.830	181.73	1.000	0.00	0.50	1.682	1.68	13.2	0.0	72.8
51.00	1.00	0.81	7.138	7.852	181.51	1.000	0.00	0.50	1.677	1.68	13.2	0.0	72.6
51.50	1.00	0.81	7.158	7.874	181.28	1.000	0.00	0.50	1.673	1.67	13.2	0.0	72.4
52.00	1.00	0.82	7.178	7.895	181.06	1.000	0.00	0.50	1.669	1.67	13.2	0.0	72.3
52.50	1.00	0.82	7.197	7.917	180.83	1.000	0.00	0.50	1.664	1.66	13.2	0.0	72.1
53.00	1.00	0.82	7.217	7.939	180.60	1.000	0.00	0.50	1.660	1.66	13.2	0.0	71.9

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

Wind Importance Factor : 1.00

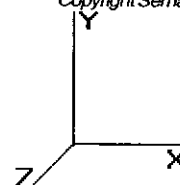
53.50	1.00	0.82	7.236	7.960	180.36	1.000	0.00	0.50	1.656	1.66	13.2	0.0	71.7
54.00	1.00	0.82	7.255	7.981	180.13	1.000	0.00	0.50	1.651	1.65	13.2	0.0	71.5
54.50	1.00	0.83	7.275	8.002	179.88	1.000	0.00	0.50	1.647	1.65	13.2	0.0	71.3
55.00	1.00	0.83	7.294	8.023	179.64	1.000	0.00	0.50	1.642	1.64	13.2	0.0	71.1
55.50	1.00	0.83	7.312	8.044	179.39	1.000	0.00	0.50	1.638	1.64	13.2	0.0	70.9
56.00	1.00	0.83	7.331	8.064	179.14	1.000	0.00	0.50	1.634	1.63	13.2	0.0	70.7
56.50	1.00	0.83	7.350	8.085	178.89	1.000	0.00	0.50	1.629	1.63	13.2	0.0	70.5
57.00	1.00	0.84	7.368	8.105	178.63	1.000	0.00	0.50	1.625	1.62	13.2	0.0	70.3
57.50	1.00	0.84	7.387	8.126	178.37	1.000	0.00	0.50	1.620	1.62	13.2	0.0	70.1
58.00	1.00	0.84	7.405	8.146	178.11	1.000	0.00	0.50	1.616	1.62	13.2	0.0	70.0
58.50	1.00	0.84	7.423	8.166	177.84	1.000	0.00	0.50	1.612	1.61	13.2	0.0	69.8
59.00	1.00	0.85	7.441	8.186	177.57	1.000	0.00	0.50	1.607	1.61	13.2	0.0	69.6
59.50	1.00	0.85	7.459	8.205	177.30	1.000	0.00	0.50	1.603	1.60	13.2	0.0	69.4
60.00	1.00	0.85	7.477	8.225	177.03	1.000	0.00	0.50	1.599	1.60	13.1	0.0	69.2
60.50	1.00	0.85	7.495	8.244	176.75	1.000	0.00	0.50	1.594	1.59	13.1	0.0	69.0
61.00	1.00	0.85	7.513	8.264	176.48	1.000	0.00	0.50	1.590	1.59	13.1	0.0	68.8
61.50	1.00	0.86	7.530	8.283	176.19	1.000	0.00	0.50	1.585	1.59	13.1	0.0	68.6
62.00	1.00	0.86	7.548	8.302	175.91	1.000	0.00	0.50	1.581	1.58	13.1	0.0	68.4
62.50	1.00	0.86	7.565	8.321	175.62	1.000	0.00	0.50	1.577	1.58	13.1	0.0	68.2
63.00	1.00	0.86	7.582	8.340	175.33	1.000	0.00	0.50	1.572	1.57	13.1	0.0	68.0
63.50	1.00	0.86	7.599	8.359	175.04	1.000	0.00	0.50	1.568	1.57	13.1	0.0	67.9
64.00	1.00	0.87	7.616	8.378	174.75	1.000	0.00	0.50	1.564	1.56	13.1	0.0	67.7
64.50	1.00	0.87	7.633	8.397	174.45	1.000	0.00	0.50	1.559	1.56	13.1	0.0	67.5
65.00	1.00	0.87	7.650	8.415	174.15	1.000	0.00	0.50	1.555	1.55	13.1	0.0	67.3
65.50	1.00	0.87	7.667	8.434	173.85	1.000	0.00	0.50	1.550	1.55	13.1	0.0	67.1
66.00	1.00	0.87	7.684	8.452	173.55	1.000	0.00	0.50	1.546	1.55	13.1	0.0	66.9
66.50	1.00	0.88	7.700	8.470	173.25	1.000	0.00	0.50	1.542	1.54	13.1	0.0	66.7
67.00	1.00	0.88	7.717	8.488	172.94	1.000	0.00	0.50	1.537	1.54	13.0	0.0	66.5
67.50	1.00	0.88	7.733	8.506	172.63	1.000	0.00	0.50	1.533	1.53	13.0	0.0	66.3
68.00	1.00	0.88	7.749	8.524	172.32	1.000	0.00	0.50	1.529	1.53	13.0	0.0	66.1
68.50	1.00	0.88	7.766	8.542	172.00	1.000	0.00	0.50	1.524	1.52	13.0	0.0	65.9
69.00	1.00	0.88	7.782	8.560	171.68	1.000	0.00	0.50	1.520	1.52	13.0	0.0	65.7
69.50	1.00	0.89	7.798	8.578	171.37	1.000	0.00	0.50	1.515	1.52	13.0	0.0	65.6
70.00	1.00	0.89	7.814	8.595	171.04	1.000	0.00	0.50	1.511	1.51	13.0	0.0	65.4
70.50	1.00	0.89	7.830	8.613	170.72	1.000	0.00	0.50	1.507	1.51	13.0	0.0	65.2
71.00	1.00	0.89	7.846	8.630	170.40	1.000	0.00	0.50	1.502	1.50	13.0	0.0	65.0
71.50	1.00	0.89	7.861	8.647	170.07	1.000	0.00	0.50	1.498	1.50	13.0	0.0	64.8
72.00	1.00	0.90	7.877	8.665	169.74	1.000	0.00	0.50	1.494	1.49	12.9	0.0	64.6
72.50	1.00	0.90	7.893	8.682	169.41	1.000	0.00	0.50	1.489	1.49	12.9	0.0	64.4
73.00	1.00	0.90	7.908	8.699	169.08	1.000	0.00	0.50	1.485	1.48	12.9	0.0	64.2
73.50	1.00	0.90	7.924	8.716	168.74	1.000	0.00	0.50	1.480	1.48	12.9	0.0	64.0
74.00	1.00	0.90	7.939	8.733	168.41	1.000	0.00	0.50	1.476	1.48	12.9	0.0	63.8
74.50	1.00	0.90	7.954	8.750	168.07	1.000	0.00	0.50	1.472	1.47	12.9	0.0	63.6
75.00	1.00	0.91	7.969	8.766	167.73	1.000	0.00	0.50	1.467	1.47	12.9	0.0	63.5
75.50	1.00	0.91	7.985	8.783	167.38	1.000	0.00	0.50	1.463	1.46	12.8	0.0	63.3
76.00	1.00	0.91	8.000	8.800	167.04	1.000	0.00	0.50	1.458	1.46	12.8	0.0	63.1
76.50	1.00	0.91	8.015	8.816	166.69	1.000	0.00	0.50	1.454	1.45	12.8	0.0	62.9
77.00	1.00	0.91	8.030	8.833	166.35	1.000	0.00	0.50	1.450	1.45	12.8	0.0	62.7
77.50	1.00	0.91	8.044	8.849	166.00	1.000	0.00	0.50	1.445	1.45	12.8	0.0	62.5
78.00	1.00	0.92	8.059	8.865	165.64	1.000	0.00	0.50	1.441	1.44	12.8	0.0	62.3
78.50	1.00	0.92	8.074	8.881	165.29	1.000	0.00	0.50	1.437	1.44	12.8	0.0	62.1
79.00	1.00	0.92	8.089	8.897	164.94	1.000	0.00	0.50	1.432	1.43	12.7	0.0	61.9
79.50	1.00	0.92	8.103	8.914	164.58	1.000	0.00	0.50	1.428	1.43	12.7	0.0	61.7
80.00	1.00	0.92	8.118	8.930	164.22	1.000	0.00	0.50	1.423	1.42	12.7	0.0	61.5
80.50	1.00	0.92	8.132	8.945	163.86	1.000	0.00	0.50	1.419	1.42	12.7	0.0	61.3
81.00	1.00	0.93	8.147	8.961	163.50	1.000	0.00	0.50	1.415	1.41	12.7	0.0	61.2
81.50	1.00	0.93	8.161	8.977	163.14	1.000	0.00	0.50	1.410	1.41	12.7	0.0	61.0

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

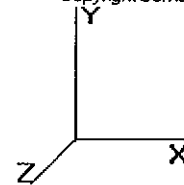
82.00		1.00	0.93	8.175	8.993	162.77	1.000	0.00	0.50	1.406	1.41	12.6	0.0	60.8
82.50		1.00	0.93	8.189	9.008	162.40	1.000	0.00	0.50	1.402	1.40	12.6	0.0	60.6
83.00		1.00	0.93	8.204	9.024	162.04	1.000	0.00	0.50	1.397	1.40	12.6	0.0	60.4
83.50		1.00	0.93	8.218	9.039	161.67	1.000	0.00	0.50	1.393	1.39	12.6	0.0	60.2
84.00		1.00	0.94	8.232	9.055	161.29	1.000	0.00	0.50	1.388	1.39	12.6	0.0	60.0
84.50		1.00	0.94	8.246	9.070	160.92	1.000	0.00	0.50	1.384	1.38	12.6	0.0	59.8
85.00		1.00	0.94	8.260	9.086	160.55	1.000	0.00	0.50	1.380	1.38	12.5	0.0	59.6
85.50		1.00	0.94	8.273	9.101	160.17	1.000	0.00	0.50	1.375	1.38	12.5	0.0	59.4
86.00		1.00	0.94	8.287	9.116	159.79	1.000	0.00	0.50	1.371	1.37	12.5	0.0	59.2
86.09	Bot - Section 3	1.00	0.94	8.290	9.119	159.73	1.000	0.00	0.09	0.237	0.24	2.2	0.0	10.3
86.50		1.00	0.94	8.301	9.131	159.41	1.000	0.00	0.41	1.149	1.15	10.5	0.0	89.5
87.00		1.00	0.95	8.315	9.146	159.03	1.000	0.00	0.50	1.386	1.39	12.7	0.0	107.9
87.50		1.00	0.95	8.328	9.161	158.65	1.000	0.00	0.50	1.382	1.38	12.7	0.0	107.6
88.00		1.00	0.95	8.342	9.176	158.27	1.000	0.00	0.50	1.378	1.38	12.6	0.0	107.2
88.50		1.00	0.95	8.355	9.191	157.88	1.000	0.00	0.50	1.373	1.37	12.6	0.0	106.9
89.00		1.00	0.95	8.369	9.206	157.49	1.000	0.00	0.50	1.369	1.37	12.6	0.0	106.5
89.50		1.00	0.95	8.382	9.220	157.11	1.000	0.00	0.50	1.365	1.36	12.6	0.0	106.2
90.00		1.00	0.95	8.396	9.235	156.72	1.000	0.00	0.50	1.360	1.36	12.6	0.0	105.8
90.50		1.00	0.96	8.409	9.250	156.33	1.000	0.00	0.50	1.356	1.36	12.5	0.0	105.5
91.00		1.00	0.96	8.422	9.264	155.93	1.000	0.00	0.50	1.351	1.35	12.5	0.0	105.1
91.00	Top - Section 2	1.00	0.96	8.422	9.264	155.93	1.000	0.00	0.00	0.009	0.01	0.1	0.0	0.7
91.50		1.00	0.96	8.435	9.279	155.40	1.000	0.00	0.50	1.338	1.34	12.4	0.0	47.3
92.00		1.00	0.96	8.448	9.293	154.90	1.000	0.00	0.50	1.343	1.34	12.5	0.0	47.5
92.50		1.00	0.96	8.462	9.308	154.41	1.000	0.00	0.50	1.338	1.34	12.5	0.0	47.3
93.00		1.00	0.96	8.475	9.322	153.91	1.000	0.00	0.50	1.334	1.33	12.4	0.0	47.2
93.50		1.00	0.96	8.488	9.336	153.42	1.000	0.00	0.50	1.329	1.33	12.4	0.0	47.0
94.00		1.00	0.97	8.501	9.351	152.92	1.000	0.00	0.50	1.325	1.33	12.4	0.0	46.9
94.50		1.00	0.97	8.513	9.365	152.43	1.000	0.00	0.50	1.321	1.32	12.4	0.0	46.7
95.00		1.00	0.97	8.526	9.379	151.94	1.000	0.00	0.50	1.316	1.32	12.3	0.0	46.5
95.50		1.00	0.97	8.539	9.393	151.45	1.000	0.00	0.50	1.312	1.31	12.3	0.0	46.4
96.00		1.00	0.97	8.552	9.407	150.96	1.000	0.00	0.50	1.308	1.31	12.3	0.0	46.2
96.50		1.00	0.97	8.565	9.421	150.47	1.000	0.00	0.50	1.303	1.30	12.3	0.0	46.1
97.00		1.00	0.98	8.577	9.435	150.00	1.000	0.00	0.50	1.299	1.30	12.3	0.0	45.9
97.50		1.00	0.98	8.590	9.449	149.51	1.000	0.00	0.50	1.294	1.29	12.2	0.0	45.8
98.00		1.00	0.98	8.602	9.463	149.03	1.000	0.00	0.50	1.290	1.29	12.2	0.0	45.6
98.50		1.00	0.98	8.615	9.476	148.54	1.000	0.00	0.50	1.286	1.29	12.2	0.0	45.5
99.00		1.00	0.98	8.627	9.490	148.06	1.000	0.00	0.50	1.281	1.28	12.2	0.0	45.3
99.50		1.00	0.98	8.640	9.504	147.57	1.000	0.00	0.50	1.277	1.28	12.1	0.0	45.1
100.0		1.00	0.98	8.652	9.517	147.09	1.000	0.00	0.50	1.273	1.27	12.1	0.0	45.0
100.5		1.00	0.99	8.665	9.531	146.60	1.000	0.00	0.50	1.268	1.27	12.1	0.0	44.8
101.0		1.00	0.99	8.677	9.544	146.11	1.000	0.00	0.50	1.264	1.26	12.1	0.0	44.7
101.5		1.00	0.99	8.689	9.558	145.62	1.000	0.00	0.50	1.259	1.26	12.0	0.0	44.5
102.0		1.00	0.99	8.701	9.571	145.13	1.000	0.00	0.50	1.255	1.26	12.0	0.0	44.4
102.5		1.00	0.99	8.713	9.585	144.64	1.000	0.00	0.50	1.251	1.25	12.0	0.0	44.2
103.0		1.00	0.99	8.726	9.598	144.15	1.000	0.00	0.50	1.246	1.25	12.0	0.0	44.0
103.5		1.00	0.99	8.738	9.611	143.66	1.000	0.00	0.50	1.242	1.24	11.9	0.0	43.9
104.0		1.00	0.99	8.750	9.625	143.17	1.000	0.00	0.50	1.238	1.24	11.9	0.0	43.7
104.5		1.00	1.00	8.762	9.638	142.68	1.000	0.00	0.50	1.233	1.23	11.9	0.0	43.6
105.0		1.00	1.00	8.774	9.651	142.19	1.000	0.00	0.50	1.229	1.23	11.9	0.0	43.4
105.5		1.00	1.00	8.786	9.664	141.70	1.000	0.00	0.50	1.224	1.22	11.8	0.0	43.3
106.0		1.00	1.00	8.797	9.677	141.21	1.000	0.00	0.50	1.220	1.22	11.8	0.0	43.1
106.5		1.00	1.00	8.809	9.690	140.72	1.000	0.00	0.50	1.216	1.22	11.8	0.0	43.0
107.0		1.00	1.00	8.821	9.703	140.23	1.000	0.00	0.50	1.211	1.21	11.8	0.0	42.8
107.5		1.00	1.00	8.833	9.716	139.74	1.000	0.00	0.50	1.207	1.21	11.7	0.0	42.6
108.0		1.00	1.01	8.845	9.729	139.25	1.000	0.00	0.50	1.203	1.20	11.7	0.0	42.5
108.5		1.00	1.01	8.856	9.742	138.76	1.000	0.00	0.50	1.198	1.20	11.7	0.0	42.3
109.0		1.00	1.01	8.868	9.755	138.27	1.000	0.00	0.50	1.194	1.19	11.6	0.0	42.2

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

Wind Importance Factor : 1.00

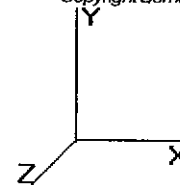
109.5	1.00	1.01	8.879	9.767	143.46	1.000	0.00	0.50	1.189	1.19	11.6	0.0	42.0
110.0	1.00	1.01	8.891	9.780	143.03	1.000	0.00	0.50	1.185	1.18	11.6	0.0	41.9
110.5	1.00	1.01	8.903	9.793	142.59	1.000	0.00	0.50	1.181	1.18	11.6	0.0	41.7
111.0	1.00	1.01	8.914	9.805	142.15	1.000	0.00	0.50	1.176	1.18	11.5	0.0	41.5
111.5	1.00	1.01	8.925	9.818	141.71	1.000	0.00	0.50	1.172	1.17	11.5	0.0	41.4
112.0	1.00	1.02	8.937	9.831	141.27	1.000	0.00	0.50	1.167	1.17	11.5	0.0	41.2
112.5	1.00	1.02	8.948	9.843	140.83	1.000	0.00	0.50	1.163	1.16	11.4	0.0	41.1
113.0	1.00	1.02	8.960	9.856	140.39	1.000	0.00	0.50	1.159	1.16	11.4	0.0	40.9
113.5	1.00	1.02	8.971	9.868	139.95	1.000	0.00	0.50	1.154	1.15	11.4	0.0	40.8
114.0	1.00	1.02	8.982	9.880	139.50	1.000	0.00	0.50	1.150	1.15	11.4	0.0	40.6
114.5	1.00	1.02	8.993	9.893	139.06	1.000	0.00	0.50	1.146	1.15	11.3	0.0	40.5
115.0	1.00	1.02	9.005	9.905	138.61	1.000	0.00	0.50	1.141	1.14	11.3	0.0	40.3
115.5	1.00	1.03	9.016	9.917	138.16	1.000	0.00	0.50	1.137	1.14	11.3	0.0	40.1
116.0	1.00	1.03	9.027	9.930	137.72	1.000	0.00	0.50	1.132	1.13	11.2	0.0	40.0
116.5	1.00	1.03	9.038	9.942	137.27	1.000	0.00	0.50	1.128	1.13	11.2	0.0	39.8
117.0	1.00	1.03	9.049	9.954	136.82	1.000	0.00	0.50	1.124	1.12	11.2	0.0	39.7
117.5	1.00	1.03	9.060	9.966	136.37	1.000	0.00	0.50	1.119	1.12	11.2	0.0	39.5
118.0	1.00	1.03	9.071	9.978	135.91	1.000	0.00	0.50	1.115	1.11	11.1	0.0	39.4
118.5	1.00	1.03	9.082	9.990	135.46	1.000	0.00	0.50	1.111	1.11	11.1	0.0	39.2
119.0	1.00	1.03	9.093	10.00	135.01	1.000	0.00	0.50	1.106	1.11	11.1	0.0	39.0
119.5	1.00	1.04	9.104	10.01	134.55	1.000	0.00	0.50	1.102	1.10	11.0	0.0	38.9
120.0	1.00	1.04	9.115	10.02	134.10	1.000	0.00	0.50	1.097	1.10	11.0	0.0	38.7
120.5	1.00	1.04	9.126	10.03	133.64	1.000	0.00	0.50	1.093	1.09	11.0	0.0	38.6
120.8 Bot - Section 4	1.00	1.04	9.133	10.04	133.34	1.000	0.00	0.33	0.719	0.72	7.2	0.0	25.4
121.0	1.00	1.04	9.136	10.05	133.18	1.000	0.00	0.17	0.375	0.38	3.8	0.0	22.0
121.5	1.00	1.04	9.147	10.06	132.72	1.000	0.00	0.50	1.101	1.10	11.1	0.0	64.3
122.0	1.00	1.04	9.158	10.07	132.26	1.000	0.00	0.50	1.096	1.10	11.0	0.0	64.1
122.5	1.00	1.04	9.169	10.08	131.80	1.000	0.00	0.50	1.092	1.09	11.0	0.0	63.8
123.0	1.00	1.04	9.179	10.09	131.34	1.000	0.00	0.50	1.087	1.09	11.0	0.0	63.6
123.5	1.00	1.05	9.190	10.10	130.88	1.000	0.00	0.50	1.083	1.08	10.9	0.0	63.3
124.0	1.00	1.05	9.201	10.12	130.42	1.000	0.00	0.50	1.079	1.08	10.9	0.0	63.0
124.5	1.00	1.05	9.211	10.13	129.95	1.000	0.00	0.50	1.074	1.07	10.9	0.0	62.8
125.0 Top - Section 3	1.00	1.05	9.222	10.14	129.49	1.000	0.00	0.50	1.063	1.06	10.8	0.0	62.1
125.0	1.00	1.05	9.222	10.14	131.49	1.000	0.00	0.00	0.007	0.01	0.1	0.0	0.2
125.5	1.00	1.05	9.232	10.15	131.02	1.000	0.00	0.50	1.065	1.07	10.8	0.0	25.2
126.0	1.00	1.05	9.243	10.16	130.56	1.000	0.00	0.50	1.061	1.06	10.8	0.0	25.1
126.5	1.00	1.05	9.253	10.17	130.09	1.000	0.00	0.50	1.057	1.06	10.8	0.0	25.0
127.0	1.00	1.05	9.264	10.19	129.62	1.000	0.00	0.50	1.052	1.05	10.7	0.0	24.9
127.5	1.00	1.05	9.274	10.20	129.15	1.000	0.00	0.50	1.048	1.05	10.7	0.0	24.8
128.0	1.00	1.06	9.284	10.21	128.69	1.000	0.00	0.50	1.044	1.04	10.7	0.0	24.7
128.5	1.00	1.06	9.295	10.22	128.22	1.000	0.00	0.50	1.039	1.04	10.6	0.0	24.6
129.0	1.00	1.06	9.305	10.23	127.75	1.000	0.00	0.50	1.035	1.03	10.6	0.0	24.5
129.5	1.00	1.06	9.315	10.24	127.27	1.000	0.00	0.50	1.030	1.03	10.6	0.0	24.4
130.0	1.00	1.06	9.326	10.25	126.80	1.000	0.00	0.50	1.026	1.03	10.5	0.0	24.3
130.5	1.00	1.06	9.336	10.26	126.33	1.000	0.00	0.50	1.022	1.02	10.5	0.0	24.2
131.0	1.00	1.06	9.346	10.28	125.85	1.000	0.00	0.50	1.017	1.02	10.5	0.0	24.1
131.5	1.00	1.06	9.356	10.29	125.38	1.000	0.00	0.50	1.013	1.01	10.4	0.0	24.0
132.0	1.00	1.07	9.366	10.30	124.90	1.000	0.00	0.50	1.009	1.01	10.4	0.0	23.9
132.5	1.00	1.07	9.377	10.31	124.43	1.000	0.00	0.50	1.004	1.00	10.4	0.0	23.8
133.0	1.00	1.07	9.387	10.32	123.95	1.000	0.00	0.50	1.000	1.00	10.3	0.0	23.7
133.5	1.00	1.07	9.397	10.33	123.47	1.000	0.00	0.50	0.995	1.00	10.3	0.0	23.6
134.0	1.00	1.07	9.407	10.34	123.00	1.000	0.00	0.50	0.991	0.99	10.3	0.0	23.5
134.5	1.00	1.07	9.417	10.35	122.52	1.000	0.00	0.50	0.987	0.99	10.2	0.0	23.4
135.0	1.00	1.07	9.427	10.36	122.04	1.000	0.00	0.50	0.982	0.98	10.2	0.0	23.3
135.5	1.00	1.07	9.437	10.38	121.55	1.000	0.00	0.50	0.978	0.98	10.2	0.0	23.2
136.0	1.00	1.07	9.447	10.39	121.07	1.000	0.00	0.50	0.974	0.97	10.1	0.0	23.1
136.5	1.00	1.08	9.457	10.40	120.59	1.000	0.00	0.50	0.969	0.97	10.1	0.0	22.9

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

137.0		1.00	1.08	9.466	10.41	120.11	1.000	0.00	0.50	0.965	0.96	10.0	0.0	22.8
137.5	Appertunance(s)	1.00	1.08	9.476	10.42	119.62	1.000	0.00	0.50	0.960	0.96	10.0	0.0	22.7
138.0		1.00	1.08	9.486	10.43	119.14	1.000	0.00	0.50	0.956	0.96	10.0	0.0	22.6
138.5		1.00	1.08	9.496	10.44	118.65	1.000	0.00	0.50	0.952	0.95	9.9	0.0	22.5
139.0		1.00	1.08	9.506	10.45	118.17	1.000	0.00	0.50	0.947	0.95	9.9	0.0	22.4
139.5		1.00	1.08	9.515	10.46	117.68	1.000	0.00	0.50	0.943	0.94	9.9	0.0	22.3
140.0		1.00	1.08	9.525	10.47	117.19	1.000	0.00	0.50	0.939	0.94	9.8	0.0	22.2
140.5		1.00	1.08	9.535	10.48	116.70	1.000	0.00	0.50	0.934	0.93	9.8	0.0	22.1
141.0		1.00	1.09	9.545	10.49	116.21	1.000	0.00	0.50	0.930	0.93	9.8	0.0	22.0
141.5		1.00	1.09	9.554	10.51	115.72	1.000	0.00	0.50	0.925	0.93	9.7	0.0	21.9
142.0		1.00	1.09	9.564	10.52	115.23	1.000	0.00	0.50	0.921	0.92	9.7	0.0	21.8
142.5		1.00	1.09	9.574	10.53	114.74	1.000	0.00	0.50	0.917	0.92	9.7	0.0	21.7
143.0		1.00	1.09	9.583	10.54	114.25	1.000	0.00	0.50	0.912	0.91	9.6	0.0	21.6
143.5		1.00	1.09	9.593	10.55	113.76	1.000	0.00	0.50	0.908	0.91	9.6	0.0	21.5
144.0		1.00	1.09	9.602	10.56	113.26	1.000	0.00	0.50	0.903	0.90	9.5	0.0	21.4
144.5		1.00	1.09	9.612	10.57	112.77	1.000	0.00	0.50	0.899	0.90	9.5	0.0	21.3
145.0		1.00	1.09	9.621	10.58	112.27	1.000	0.00	0.50	0.895	0.89	9.5	0.0	21.2
145.5		1.00	1.10	9.631	10.59	111.78	1.000	0.00	0.50	0.890	0.89	9.4	0.0	21.1
146.0		1.00	1.10	9.640	10.60	111.28	1.000	0.00	0.50	0.886	0.89	9.4	0.0	21.0
146.5		1.00	1.10	9.650	10.61	110.78	1.000	0.00	0.50	0.882	0.88	9.4	0.0	20.9
147.0		1.00	1.10	9.659	10.62	110.28	1.000	0.00	0.50	0.877	0.88	9.3	0.0	20.8
147.5	Appertunance(s)	1.00	1.10	9.668	10.63	109.79	1.000	0.00	0.50	0.873	0.87	9.3	0.0	20.6
148.0		1.00	1.10	9.678	10.64	109.29	1.000	0.00	0.50	0.868	0.87	9.2	0.0	20.5
148.5		1.00	1.10	9.687	10.65	108.79	1.000	0.00	0.50	0.864	0.86	9.2	0.0	20.4
149.0		1.00	1.10	9.696	10.66	108.29	1.000	0.00	0.50	0.860	0.86	9.2	0.0	20.3
149.5		1.00	1.10	9.706	10.67	107.78	1.000	0.00	0.50	0.855	0.86	9.1	0.0	20.2
150.0		1.00	1.11	9.715	10.68	107.28	1.000	0.00	0.50	0.851	0.85	9.1	0.0	20.1
150.5		1.00	1.11	9.724	10.69	106.78	1.000	0.00	0.50	0.847	0.85	9.1	0.0	20.0
151.0		1.00	1.11	9.733	10.70	106.28	1.000	0.00	0.50	0.842	0.84	9.0	0.0	19.9
151.5		1.00	1.11	9.743	10.71	105.77	1.000	0.00	0.50	0.838	0.84	9.0	0.0	19.8
152.0		1.00	1.11	9.752	10.72	105.27	1.000	0.00	0.50	0.833	0.83	8.9	0.0	19.7
152.5		1.00	1.11	9.761	10.73	104.76	1.000	0.00	0.50	0.829	0.83	8.9	0.0	19.6
153.0		1.00	1.11	9.770	10.74	104.26	1.000	0.00	0.50	0.825	0.82	8.9	0.0	19.5
153.5		1.00	1.11	9.779	10.75	103.75	1.000	0.00	0.50	0.820	0.82	8.8	0.0	19.4
154.0		1.00	1.11	9.788	10.76	103.24	1.000	0.00	0.50	0.816	0.82	8.8	0.0	19.3
154.5		1.00	1.11	9.797	10.77	102.73	1.000	0.00	0.50	0.812	0.81	8.7	0.0	19.2
155.0		1.00	1.12	9.806	10.78	102.23	1.000	0.00	0.50	0.807	0.81	8.7	0.0	19.1
155.5		1.00	1.12	9.815	10.79	101.72	1.000	0.00	0.50	0.803	0.80	8.7	0.0	19.0
156.0		1.00	1.12	9.824	10.80	101.21	1.000	0.00	0.50	0.798	0.80	8.6	0.0	18.9
156.5		1.00	1.12	9.833	10.81	100.70	1.000	0.00	0.50	0.794	0.79	8.6	0.0	18.8
157.0		1.00	1.12	9.842	10.82	100.19	1.000	0.00	0.50	0.790	0.79	8.5	0.0	18.7
157.5		1.00	1.12	9.851	10.83	99.678	1.000	0.00	0.50	0.785	0.79	8.5	0.0	18.6
158.0		1.00	1.12	9.860	10.84	99.165	1.000	0.00	0.50	0.781	0.78	8.5	0.0	18.5
158.5		1.00	1.12	9.869	10.85	98.652	1.000	0.00	0.50	0.777	0.78	8.4	0.0	18.3
159.0		1.00	1.12	9.878	10.86	98.139	1.000	0.00	0.50	0.772	0.77	8.4	0.0	18.2
159.5		1.00	1.12	9.887	10.87	97.624	1.000	0.00	0.50	0.768	0.77	8.3	0.0	18.1
160.0	Top - Section 4	1.00	1.13	9.896	10.88	97.110	1.000	0.00	0.50	0.763	0.76	8.3	0.0	18.0
160.5		1.00	1.13	9.904	10.89	46.247	1.091	0.00	0.50	0.362	0.40	4.3	0.0	27.4
161.0		1.00	1.13	9.913	10.90	46.268	1.091	0.00	0.50	0.362	0.40	4.3	0.0	27.4
161.5		1.00	1.13	9.922	10.91	46.288	1.091	0.00	0.50	0.362	0.40	4.3	0.0	27.4
162.0	Appertunance(s)	1.00	1.13	9.931	10.92	46.308	1.090	0.00	0.50	0.362	0.40	4.3	0.0	27.4
162.5		1.00	1.13	9.940	10.93	46.329	1.090	0.00	0.50	0.362	0.40	4.3	0.0	27.4
163.0		1.00	1.13	9.948	10.94	46.349	1.090	0.00	0.50	0.362	0.40	4.3	0.0	27.4
163.5		1.00	1.13	9.957	10.95	46.369	1.090	0.00	0.50	0.362	0.39	4.3	0.0	27.4
164.0		1.00	1.13	9.966	10.96	46.390	1.090	0.00	0.50	0.362	0.39	4.3	0.0	27.4
164.5		1.00	1.13	9.974	10.97	46.410	1.090	0.00	0.50	0.362	0.39	4.3	0.0	27.4
165.0		1.00	1.14	9.983	10.98	46.430	1.090	0.00	0.50	0.362	0.39	4.3	0.0	27.4

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
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 Taper : 0.203000 (in/ft)

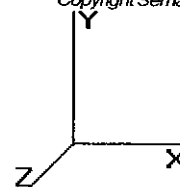
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

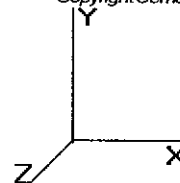
165.5		1.00	1.14	9.992	10.99	46.450	1.090	0.00	0.50	0.362	0.39	4.3	0.0	27.4
166.0		1.00	1.14	10.000	11.00	46.470	1.089	0.00	0.50	0.362	0.39	4.3	0.0	27.4
166.5		1.00	1.14	10.009	11.01	46.490	1.089	0.00	0.50	0.362	0.39	4.3	0.0	27.4
167.0		1.00	1.14	10.017	11.01	46.510	1.089	0.00	0.50	0.362	0.39	4.3	0.0	27.4
167.5		1.00	1.14	10.026	11.02	46.530	1.089	0.00	0.50	0.362	0.39	4.4	0.0	27.4
168.0		1.00	1.14	10.035	11.03	46.550	1.089	0.00	0.50	0.362	0.39	4.4	0.0	27.4
168.5		1.00	1.14	10.043	11.04	46.569	1.089	0.00	0.50	0.362	0.39	4.4	0.0	27.4
169.0		1.00	1.14	10.052	11.05	46.589	1.089	0.00	0.50	0.362	0.39	4.4	0.0	27.4
169.5		1.00	1.14	10.060	11.06	46.609	1.089	0.00	0.50	0.362	0.39	4.4	0.0	27.4
170.0	Appertunance(s)	1.00	1.15	10.069	11.07	46.628	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
170.5		1.00	1.15	10.077	11.08	46.648	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
171.0		1.00	1.15	10.085	11.09	46.668	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
171.5		1.00	1.15	10.094	11.10	46.687	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
172.0		1.00	1.15	10.102	11.11	46.706	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
172.5		1.00	1.15	10.111	11.12	46.726	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
173.0		1.00	1.15	10.119	11.13	46.745	1.088	0.00	0.50	0.362	0.39	4.4	0.0	27.4
Totals:								173.00				3,944.4	0.0	21,573.1

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
137.5	Flat Low Profile Pla	1	9.476	10.424	0.90	1.00	23.49	0.000	0.000	244.86	0.00	0.00	1,500.00
137.5	48" x 12" Panels	9	9.476	10.424	0.54	0.80	27.01	0.000	0.000	281.60	0.00	0.00	270.00
137.5	72" x 12" Panels	3	9.476	10.424	0.54	0.80	13.51	0.000	0.000	140.80	0.00	0.00	120.00
148.0	Andrew LNX-6514DS-	2	9.678	10.645	0.50	0.75	8.37	0.000	0.000	89.12	0.00	0.00	66.20
148.0	Powerwave P65-16-XL	1	9.678	10.645	0.47	0.75	3.97	0.000	0.000	42.25	0.00	0.00	33.00
148.0	Flat Platform with H	1	9.678	10.645	1.00	1.00	42.40	0.000	0.000	451.36	0.00	0.00	2,000.00
148.0	Decibel DB844H80E-	6	9.678	10.645	0.53	0.75	11.92	0.000	0.000	126.87	0.00	0.00	84.00
148.0	Decibel 948F85T2E-M	6	9.678	10.645	0.50	0.75	9.85	0.000	0.000	104.86	0.00	0.00	51.00
162.0	CSS DUO4-8670	6	9.931	10.924	0.47	0.75	18.39	0.000	0.000	200.85	0.00	0.00	168.00
162.0	ADC DD800	6	9.931	10.924	0.38	0.75	2.52	0.000	0.000	27.53	0.00	0.00	172.20
162.0	Flat Platform with H	1	9.931	10.924	1.00	1.00	42.40	0.000	0.000	463.17	0.00	0.00	2,000.00
170.0	Allqon 7250.02	3	10.069	11.075	0.64	1.00	7.35	0.000	0.000	81.44	0.00	0.00	45.00
										2,254.71			6,509.40

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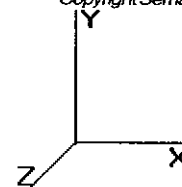
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 Struct Class : II
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Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
0.50	14.09	106.86	0.00	0.00
1.00	14.06	106.63	0.00	0.00
1.50	14.03	106.41	0.00	0.00
2.00	14.00	106.18	0.00	0.00
2.50	13.97	105.96	0.00	0.00
3.00	13.94	110.08	0.00	0.00
3.50	13.91	109.86	0.00	0.00
4.00	13.88	109.63	0.00	0.00
4.50	13.85	109.40	0.00	0.00
5.00	13.82	109.18	0.00	0.00
5.50	13.79	108.95	0.00	0.00
6.00	13.76	108.73	0.00	0.00
6.50	13.74	108.50	0.00	0.00
7.00	13.71	108.28	0.00	0.00
7.50	13.68	108.05	0.00	0.00
8.00	13.65	107.82	0.00	0.00
8.50	13.62	118.67	0.00	0.00
9.00	13.59	118.44	0.00	0.00
9.50	13.56	118.21	0.00	0.00
10.00	13.53	117.99	0.00	0.00
10.50	13.50	117.76	0.00	0.00
11.00	13.47	117.54	0.00	0.00
11.50	13.44	117.31	0.00	0.00
12.00	13.41	117.09	0.00	0.00
12.50	13.38	116.86	0.00	0.00
13.00	13.35	116.63	0.00	0.00
13.50	13.32	116.41	0.00	0.00
14.00	13.29	116.18	0.00	0.00
14.50	13.26	115.96	0.00	0.00
15.00	13.23	115.73	0.00	0.00
15.50	13.20	115.51	0.00	0.00
16.00	13.17	115.28	0.00	0.00
16.50	13.14	115.05	0.00	0.00
17.00	13.12	114.83	0.00	0.00
17.50	13.09	114.60	0.00	0.00
18.00	13.06	114.38	0.00	0.00
18.50	13.03	114.15	0.00	0.00
19.00	13.00	113.93	0.00	0.00
19.50	12.97	113.70	0.00	0.00
20.00	12.94	113.47	0.00	0.00
20.50	12.91	113.25	0.00	0.00
21.00	12.88	113.02	0.00	0.00
21.50	12.85	112.80	0.00	0.00
22.00	12.82	112.57	0.00	0.00
22.50	12.79	112.35	0.00	0.00
23.00	12.76	112.12	0.00	0.00
23.50	12.73	111.89	0.00	0.00
24.00	12.70	111.67	0.00	0.00
24.50	12.67	111.44	0.00	0.00

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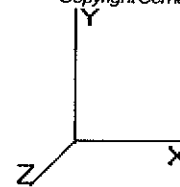
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

25.00	12.64	111.22	0.00	0.00
25.50	12.61	110.99	0.00	0.00
26.00	12.58	110.76	0.00	0.00
26.50	12.55	110.54	0.00	0.00
27.00	12.52	110.31	0.00	0.00
27.50	12.50	110.09	0.00	0.00
28.00	12.47	109.86	0.00	0.00
28.50	12.44	109.64	0.00	0.00
29.00	12.41	109.41	0.00	0.00
29.50	12.38	109.18	0.00	0.00
30.00	12.36	108.96	0.00	0.00
30.50	12.39	108.73	0.00	0.00
31.00	12.41	108.51	0.00	0.00
31.50	12.44	108.28	0.00	0.00
32.00	12.47	108.06	0.00	0.00
32.50	12.49	107.83	0.00	0.00
33.00	12.52	107.60	0.00	0.00
33.50	12.54	107.38	0.00	0.00
34.00	12.56	107.15	0.00	0.00
34.50	12.58	106.93	0.00	0.00
35.00	12.61	106.70	0.00	0.00
35.50	12.63	106.48	0.00	0.00
36.00	12.65	106.25	0.00	0.00
36.50	12.66	106.02	0.00	0.00
37.00	12.68	105.80	0.00	0.00
37.50	12.70	105.57	0.00	0.00
38.00	12.72	105.35	0.00	0.00
38.50	12.73	105.12	0.00	0.00
39.00	12.75	104.90	0.00	0.00
39.50	12.76	104.67	0.00	0.00
40.00	12.78	104.44	0.00	0.00
40.50	12.79	104.22	0.00	0.00
41.00	12.80	103.99	0.00	0.00
41.50	12.81	103.77	0.00	0.00
42.00	12.82	103.54	0.00	0.00
42.50	12.84	103.31	0.00	0.00
43.00	12.85	103.09	0.00	0.00
43.50	12.86	102.86	0.00	0.00
43.58	2.14	17.12	0.00	0.00
44.00	10.90	148.26	0.00	0.00
44.50	13.10	177.53	0.00	0.00
45.00	13.11	177.12	0.00	0.00
45.50	13.11	176.70	0.00	0.00
46.00	13.12	176.28	0.00	0.00
46.50	13.13	175.87	0.00	0.00
47.00	13.14	175.45	0.00	0.00
47.50	13.14	175.03	0.00	0.00
48.00	13.15	174.61	0.00	0.00
48.50	13.15	174.20	0.00	0.00
49.00	13.16	173.78	0.00	0.00
49.50	13.16	173.36	0.00	0.00
50.00	13.16	88.44	0.00	0.00
50.50	13.17	88.24	0.00	0.00
51.00	13.17	88.05	0.00	0.00
51.50	13.17	87.86	0.00	0.00
52.00	13.17	87.67	0.00	0.00
52.50	13.18	87.48	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

53.00	13.18	87.29	0.00	0.00
53.50	13.18	87.10	0.00	0.00
54.00	13.18	86.91	0.00	0.00
54.50	13.18	86.71	0.00	0.00
55.00	13.18	86.52	0.00	0.00
55.50	13.18	86.33	0.00	0.00
56.00	13.17	86.14	0.00	0.00
56.50	13.17	85.95	0.00	0.00
57.00	13.17	85.76	0.00	0.00
57.50	13.17	85.57	0.00	0.00
58.00	13.16	85.38	0.00	0.00
58.50	13.16	85.18	0.00	0.00
59.00	13.16	84.99	0.00	0.00
59.50	13.15	84.80	0.00	0.00
60.00	13.15	84.61	0.00	0.00
60.50	13.14	84.42	0.00	0.00
61.00	13.14	84.23	0.00	0.00
61.50	13.13	84.04	0.00	0.00
62.00	13.13	83.85	0.00	0.00
62.50	13.12	83.65	0.00	0.00
63.00	13.11	83.46	0.00	0.00
63.50	13.11	83.27	0.00	0.00
64.00	13.10	83.08	0.00	0.00
64.50	13.09	82.89	0.00	0.00
65.00	13.08	82.70	0.00	0.00
65.50	13.08	82.51	0.00	0.00
66.00	13.07	82.32	0.00	0.00
66.50	13.06	82.12	0.00	0.00
67.00	13.05	81.93	0.00	0.00
67.50	13.04	81.74	0.00	0.00
68.00	13.03	81.55	0.00	0.00
68.50	13.02	81.36	0.00	0.00
69.00	13.01	81.17	0.00	0.00
69.50	13.00	80.98	0.00	0.00
70.00	12.99	80.78	0.00	0.00
70.50	12.98	80.59	0.00	0.00
71.00	12.96	80.40	0.00	0.00
71.50	12.95	80.21	0.00	0.00
72.00	12.94	80.02	0.00	0.00
72.50	12.93	79.83	0.00	0.00
73.00	12.92	79.64	0.00	0.00
73.50	12.90	79.45	0.00	0.00
74.00	12.89	79.25	0.00	0.00
74.50	12.88	79.06	0.00	0.00
75.00	12.86	78.87	0.00	0.00
75.50	12.85	78.68	0.00	0.00
76.00	12.83	78.49	0.00	0.00
76.50	12.82	78.30	0.00	0.00
77.00	12.80	78.11	0.00	0.00
77.50	12.79	77.92	0.00	0.00
78.00	12.77	77.72	0.00	0.00
78.50	12.76	77.53	0.00	0.00
79.00	12.74	77.34	0.00	0.00
79.50	12.73	77.15	0.00	0.00
80.00	12.71	76.96	0.00	0.00
80.50	12.69	76.77	0.00	0.00
81.00	12.68	76.58	0.00	0.00

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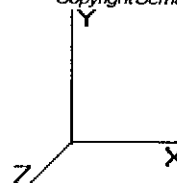
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

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Gust Response Factor : 1.10

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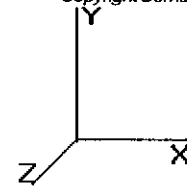
81.50	12.66	76.39	0.00	0.00
82.00	12.64	76.19	0.00	0.00
82.50	12.63	76.00	0.00	0.00
83.00	12.61	75.81	0.00	0.00
83.50	12.59	75.62	0.00	0.00
84.00	12.57	75.43	0.00	0.00
84.50	12.55	75.24	0.00	0.00
85.00	12.54	75.05	0.00	0.00
85.50	12.52	74.85	0.00	0.00
86.00	12.50	74.66	0.00	0.00
86.09	2.16	12.92	0.00	0.00
86.50	10.50	102.21	0.00	0.00
87.00	12.68	123.33	0.00	0.00
87.50	12.66	122.98	0.00	0.00
88.00	12.64	122.63	0.00	0.00
88.50	12.62	122.28	0.00	0.00
89.00	12.60	121.94	0.00	0.00
89.50	12.58	121.59	0.00	0.00
90.00	12.56	121.24	0.00	0.00
90.50	12.54	120.89	0.00	0.00
91.00	12.52	120.55	0.00	0.00
91.00	0.08	0.80	0.00	0.00
91.50	12.42	62.64	0.00	0.00
92.00	12.48	62.90	0.00	0.00
92.50	12.46	62.74	0.00	0.00
93.00	12.43	62.59	0.00	0.00
93.50	12.41	62.43	0.00	0.00
94.00	12.39	62.28	0.00	0.00
94.50	12.37	62.12	0.00	0.00
95.00	12.35	61.96	0.00	0.00
95.50	12.32	61.81	0.00	0.00
96.00	12.30	61.65	0.00	0.00
96.50	12.28	61.49	0.00	0.00
97.00	12.25	61.34	0.00	0.00
97.50	12.23	61.18	0.00	0.00
98.00	12.21	61.03	0.00	0.00
98.50	12.18	60.87	0.00	0.00
99.00	12.16	60.71	0.00	0.00
99.50	12.14	60.56	0.00	0.00
100.0	12.11	60.40	0.00	0.00
100.5	12.09	60.24	0.00	0.00
101.0	12.06	60.09	0.00	0.00
101.5	12.04	59.93	0.00	0.00
102.0	12.01	59.78	0.00	0.00
102.5	11.99	59.62	0.00	0.00
103.0	11.96	59.46	0.00	0.00
103.5	11.94	59.31	0.00	0.00
104.0	11.91	59.15	0.00	0.00
104.5	11.88	58.99	0.00	0.00
105.0	11.86	58.84	0.00	0.00
105.5	11.83	58.68	0.00	0.00
106.0	11.81	58.53	0.00	0.00
106.5	11.78	58.37	0.00	0.00
107.0	11.75	58.21	0.00	0.00
107.5	11.73	58.06	0.00	0.00
108.0	11.70	57.90	0.00	0.00
108.5	11.67	57.74	0.00	0.00

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Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

109.0	11.64	57.59	0.00	0.00
109.5	11.62	57.43	0.00	0.00
110.0	11.59	57.28	0.00	0.00
110.5	11.56	57.12	0.00	0.00
111.0	11.53	56.96	0.00	0.00
111.5	11.51	56.81	0.00	0.00
112.0	11.48	56.65	0.00	0.00
112.5	11.45	56.49	0.00	0.00
113.0	11.42	56.34	0.00	0.00
113.5	11.39	56.18	0.00	0.00
114.0	11.36	56.03	0.00	0.00
114.5	11.33	55.87	0.00	0.00
115.0	11.30	55.71	0.00	0.00
115.5	11.27	55.56	0.00	0.00
116.0	11.24	55.40	0.00	0.00
116.5	11.22	55.24	0.00	0.00
117.0	11.19	55.09	0.00	0.00
117.5	11.16	54.93	0.00	0.00
118.0	11.13	54.78	0.00	0.00
118.5	11.09	54.62	0.00	0.00
119.0	11.06	54.46	0.00	0.00
119.5	11.03	54.31	0.00	0.00
120.0	11.00	54.15	0.00	0.00
120.5	10.97	53.99	0.00	0.00
120.8	7.22	35.54	0.00	0.00
121.0	3.77	27.20	0.00	0.00
121.5	11.07	79.76	0.00	0.00
122.0	11.04	79.50	0.00	0.00
122.5	11.01	79.24	0.00	0.00
123.0	10.98	78.98	0.00	0.00
123.5	10.95	78.72	0.00	0.00
124.0	10.92	78.46	0.00	0.00
124.5	10.88	78.20	0.00	0.00
125.0	10.78	77.40	0.00	0.00
125.0	0.07	0.28	0.00	0.00
125.5	10.82	40.66	0.00	0.00
126.0	10.79	40.56	0.00	0.00
126.5	10.76	40.46	0.00	0.00
127.0	10.72	40.35	0.00	0.00
127.5	10.69	40.25	0.00	0.00
128.0	10.66	40.14	0.00	0.00
128.5	10.63	40.04	0.00	0.00
129.0	10.59	39.93	0.00	0.00
129.5	10.56	39.83	0.00	0.00
130.0	10.53	39.72	0.00	0.00
130.5	10.49	39.62	0.00	0.00
131.0	10.46	39.51	0.00	0.00
131.5	10.43	39.41	0.00	0.00
132.0	10.39	39.31	0.00	0.00
132.5	10.36	39.20	0.00	0.00
133.0	10.32	39.10	0.00	0.00
133.5	10.29	38.99	0.00	0.00
134.0	10.25	38.89	0.00	0.00
134.5	10.22	38.78	0.00	0.00
135.0	10.19	38.68	0.00	0.00
135.5	10.15	38.57	0.00	0.00
136.0	10.12	38.47	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

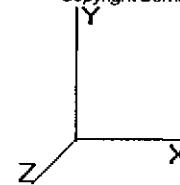
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

136.5	10.08	38.36	0.00	0.00
137.0	10.05	38.26	0.00	0.00
137.5	677.26	1.928.16	0.00	0.00
138.0	9.98	33.13	0.00	0.00
138.5	9.94	33.03	0.00	0.00
139.0	9.90	32.92	0.00	0.00
139.5	9.87	32.82	0.00	0.00
140.0	9.83	32.71	0.00	0.00
140.5	9.80	32.61	0.00	0.00
141.0	9.76	32.50	0.00	0.00
141.5	9.73	32.40	0.00	0.00
142.0	9.69	32.30	0.00	0.00
142.5	9.65	32.19	0.00	0.00
143.0	9.62	32.09	0.00	0.00
143.5	9.58	31.98	0.00	0.00
144.0	9.54	31.88	0.00	0.00
144.5	9.51	31.77	0.00	0.00
145.0	9.47	31.67	0.00	0.00
145.5	9.43	31.56	0.00	0.00
146.0	9.39	31.46	0.00	0.00
146.5	9.36	31.35	0.00	0.00
147.0	9.32	31.25	0.00	0.00
147.5	9.28	31.15	0.00	0.00
148.0	823.70	2.265.24	0.00	0.00
148.5	9.21	24.79	0.00	0.00
149.0	9.17	24.68	0.00	0.00
149.5	9.13	24.58	0.00	0.00
150.0	9.09	24.47	0.00	0.00
150.5	9.06	24.37	0.00	0.00
151.0	9.02	24.26	0.00	0.00
151.5	8.98	24.16	0.00	0.00
152.0	8.94	24.06	0.00	0.00
152.5	8.90	23.95	0.00	0.00
153.0	8.86	23.85	0.00	0.00
153.5	8.82	23.74	0.00	0.00
154.0	8.78	23.64	0.00	0.00
154.5	8.75	23.53	0.00	0.00
155.0	8.71	23.43	0.00	0.00
155.5	8.67	23.32	0.00	0.00
156.0	8.63	23.22	0.00	0.00
156.5	8.59	23.11	0.00	0.00
157.0	8.55	23.01	0.00	0.00
157.5	8.51	22.91	0.00	0.00
158.0	8.47	22.80	0.00	0.00
158.5	8.43	22.70	0.00	0.00
159.0	8.39	22.59	0.00	0.00
159.5	8.35	22.49	0.00	0.00
160.0	8.31	22.38	0.00	0.00
160.5	4.31	31.72	0.00	0.00
161.0	4.31	31.71	0.00	0.00
161.5	4.31	31.71	0.00	0.00
162.0	695.87	2.371.91	0.00	0.00
162.5	4.32	29.82	0.00	0.00
163.0	4.32	29.82	0.00	0.00
163.5	4.33	29.82	0.00	0.00
164.0	4.33	29.82	0.00	0.00
164.5	4.33	29.82	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
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 Taper : 0.203000 (in/ft)

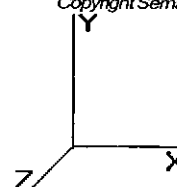
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

165.0	4.34	29.82	0.00	0.00
165.5	4.34	29.82	0.00	0.00
166.0	4.34	29.82	0.00	0.00
166.5	4.35	29.82	0.00	0.00
167.0	4.35	29.82	0.00	0.00
167.5	4.35	29.82	0.00	0.00
168.0	4.36	29.82	0.00	0.00
168.5	4.36	29.82	0.00	0.00
169.0	4.36	29.82	0.00	0.00
169.5	4.36	29.82	0.00	0.00
170.0	85.81	74.82	0.00	0.00
170.5	4.37	27.36	0.00	0.00
171.0	4.37	27.36	0.00	0.00
171.5	4.38	27.36	0.00	0.00
172.0	4.38	27.36	0.00	0.00
172.5	4.38	27.36	0.00	0.00
173.0	4.39	27.36	0.00	0.00
Totals:	6,199.08	32,505.23	0.00	0.00

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
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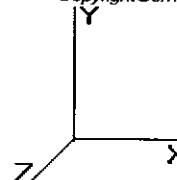
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-32.50	-6.20	0.00	-678.88	0.00	678.88	3,674.33	1,837.16	7,291.06	3,600.78	0.00	0.00	0.197
0.50	-32.40	-6.19	0.00	-675.78	0.00	675.78	3,670.29	1,835.14	7,267.54	3,589.16	0.00	-0.01	0.197
1.00	-32.29	-6.18	0.00	-672.69	0.00	672.69	3,662.62	1,831.31	7,236.89	3,574.03	0.00	-0.01	0.197
1.50	-32.18	-6.17	0.00	-669.60	0.00	669.60	3,654.86	1,827.43	7,206.12	3,558.83	0.00	-0.02	0.197
2.00	-32.08	-6.15	0.00	-666.52	0.00	666.52	3,647.09	1,823.55	7,175.41	3,543.67	0.00	-0.02	0.197
2.50	-31.97	-6.14	0.00	-663.44	0.00	663.44	3,639.33	1,819.67	7,144.77	3,528.53	0.01	-0.03	0.197
3.00	-31.86	-6.13	0.00	-660.37	0.00	660.37	3,631.57	1,815.78	7,114.19	3,513.43	0.01	-0.03	0.197
3.50	-31.75	-6.12	0.00	-657.30	0.00	657.30	3,623.81	1,811.90	7,083.68	3,498.37	0.01	-0.04	0.197
4.00	-31.64	-6.11	0.00	-654.24	0.00	654.24	3,616.04	1,808.02	7,053.24	3,483.33	0.02	-0.04	0.197
4.50	-31.53	-6.10	0.00	-651.19	0.00	651.19	3,608.28	1,804.14	7,022.86	3,468.33	0.02	-0.05	0.197
5.00	-31.42	-6.09	0.00	-648.14	0.00	648.14	3,600.52	1,800.26	6,992.55	3,453.36	0.03	-0.05	0.196
5.50	-31.31	-6.08	0.00	-645.09	0.00	645.09	3,592.76	1,796.38	6,962.30	3,438.42	0.03	-0.06	0.196
6.00	-31.20	-6.07	0.00	-642.06	0.00	642.06	3,584.99	1,792.50	6,932.12	3,423.51	0.04	-0.06	0.196
6.50	-31.09	-6.05	0.00	-639.02	0.00	639.02	3,577.23	1,788.62	6,902.00	3,408.64	0.05	-0.07	0.196
7.00	-30.98	-6.04	0.00	-636.00	0.00	636.00	3,569.47	1,784.73	6,871.95	3,393.80	0.05	-0.07	0.196
7.50	-30.87	-6.03	0.00	-632.97	0.00	632.97	3,561.71	1,780.85	6,841.97	3,378.99	0.06	-0.08	0.196
8.00	-30.77	-6.02	0.00	-629.96	0.00	629.96	3,553.94	1,776.97	6,812.05	3,364.21	0.07	-0.08	0.196
8.50	-30.65	-6.01	0.00	-626.95	0.00	626.95	3,546.18	1,773.09	6,782.20	3,349.47	0.08	-0.09	0.196
9.00	-30.53	-6.00	0.00	-623.94	0.00	623.94	3,538.42	1,769.21	6,752.41	3,334.76	0.09	-0.09	0.196
9.50	-30.41	-5.99	0.00	-620.94	0.00	620.94	3,530.65	1,765.33	6,722.68	3,320.08	0.10	-0.10	0.196
10.00	-30.29	-5.98	0.00	-617.95	0.00	617.95	3,522.89	1,761.45	6,693.03	3,305.43	0.11	-0.11	0.196
10.50	-30.17	-5.97	0.00	-614.96	0.00	614.96	3,515.13	1,757.56	6,663.43	3,290.82	0.12	-0.11	0.195
11.00	-30.05	-5.96	0.00	-611.97	0.00	611.97	3,507.37	1,753.68	6,633.91	3,276.24	0.13	-0.12	0.195
11.50	-29.94	-5.95	0.00	-609.00	0.00	609.00	3,499.60	1,749.80	6,604.45	3,261.69	0.15	-0.12	0.195
12.00	-29.82	-5.93	0.00	-606.02	0.00	606.02	3,491.84	1,745.92	6,575.05	3,247.17	0.16	-0.13	0.195
12.50	-29.70	-5.92	0.00	-603.06	0.00	603.06	3,484.08	1,742.04	6,545.72	3,232.69	0.17	-0.13	0.195
13.00	-29.58	-5.91	0.00	-600.09	0.00	600.09	3,476.32	1,738.16	6,516.46	3,218.23	0.19	-0.14	0.195
13.50	-29.47	-5.90	0.00	-597.14	0.00	597.14	3,468.55	1,734.28	6,487.26	3,203.81	0.20	-0.14	0.195
14.00	-29.35	-5.89	0.00	-594.19	0.00	594.19	3,460.79	1,730.40	6,458.13	3,189.43	0.22	-0.15	0.195
14.50	-29.23	-5.88	0.00	-591.24	0.00	591.24	3,453.03	1,726.51	6,429.06	3,175.07	0.23	-0.15	0.195
15.00	-29.12	-5.87	0.00	-588.30	0.00	588.30	3,445.27	1,722.63	6,400.06	3,160.75	0.25	-0.16	0.195
15.50	-29.00	-5.86	0.00	-585.37	0.00	585.37	3,437.50	1,718.75	6,371.12	3,146.46	0.27	-0.17	0.194
16.00	-28.89	-5.85	0.00	-582.44	0.00	582.44	3,429.74	1,714.87	6,342.25	3,132.20	0.28	-0.17	0.194
16.50	-28.77	-5.84	0.00	-579.51	0.00	579.51	3,421.98	1,710.99	6,313.45	3,117.98	0.30	-0.18	0.194
17.00	-28.65	-5.83	0.00	-576.59	0.00	576.59	3,414.22	1,707.11	6,284.71	3,103.78	0.32	-0.18	0.194
17.50	-28.54	-5.82	0.00	-573.68	0.00	573.68	3,406.45	1,703.23	6,256.04	3,089.62	0.34	-0.19	0.194
18.00	-28.42	-5.81	0.00	-570.77	0.00	570.77	3,398.69	1,699.35	6,227.43	3,075.49	0.36	-0.19	0.194
18.50	-28.31	-5.79	0.00	-567.87	0.00	567.87	3,390.93	1,695.46	6,198.88	3,061.40	0.38	-0.20	0.194
19.00	-28.20	-5.78	0.00	-564.97	0.00	564.97	3,383.17	1,691.58	6,170.41	3,047.33	0.40	-0.20	0.194
19.50	-28.08	-5.77	0.00	-562.08	0.00	562.08	3,375.40	1,687.70	6,142.00	3,033.30	0.42	-0.21	0.194
20.00	-27.97	-5.76	0.00	-559.19	0.00	559.19	3,367.64	1,683.82	6,113.65	3,019.30	0.45	-0.21	0.194
20.50	-27.85	-5.75	0.00	-556.31	0.00	556.31	3,359.88	1,679.94	6,085.37	3,005.34	0.47	-0.22	0.193
21.00	-27.74	-5.74	0.00	-553.44	0.00	553.44	3,352.12	1,676.06	6,057.16	2,991.40	0.49	-0.23	0.193
21.50	-27.63	-5.73	0.00	-550.57	0.00	550.57	3,344.35	1,672.18	6,029.01	2,977.50	0.52	-0.23	0.193
22.00	-27.51	-5.72	0.00	-547.70	0.00	547.70	3,336.59	1,668.30	6,000.92	2,963.63	0.54	-0.24	0.193
22.50	-27.40	-5.71	0.00	-544.84	0.00	544.84	3,328.83	1,664.41	5,972.90	2,949.79	0.57	-0.24	0.193
23.00	-27.29	-5.70	0.00	-541.99	0.00	541.99	3,321.07	1,660.53	5,944.95	2,935.99	0.59	-0.25	0.193
23.50	-27.18	-5.69	0.00	-539.14	0.00	539.14	3,313.30	1,656.65	5,917.07	2,922.22	0.62	-0.25	0.193
24.00	-27.06	-5.68	0.00	-536.29	0.00	536.29	3,305.54	1,652.77	5,889.24	2,908.48	0.65	-0.26	0.193
24.50	-26.95	-5.67	0.00	-533.45	0.00	533.45	3,297.78	1,648.89	5,861.49	2,894.77	0.67	-0.27	0.192
25.00	-26.84	-5.66	0.00	-530.62	0.00	530.62	3,290.02	1,645.01	5,833.80	2,881.09	0.70	-0.27	0.192

Pole : 302524
 Location : Beacon Falls, CT
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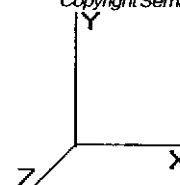
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor: 1.10

Wind Importance Factor: 1.00

Dead Load Factor: 1.00

Wind Load Factor: 1.00

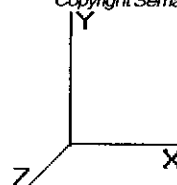
25.50	-26.73	-5.65	0.00	-527.79	0.00	527.79	3,282.25	1,641.13	5,806.17	2,867.45	0.73	-0.28	0.192
26.00	-26.62	-5.64	0.00	-524.97	0.00	524.97	3,274.49	1,637.25	5,778.61	2,853.84	0.76	-0.28	0.192
26.50	-26.51	-5.63	0.00	-522.15	0.00	522.15	3,266.73	1,633.36	5,751.12	2,840.26	0.79	-0.29	0.192
27.00	-26.40	-5.62	0.00	-519.34	0.00	519.34	3,258.97	1,629.48	5,723.69	2,826.72	0.82	-0.29	0.192
27.50	-26.28	-5.60	0.00	-516.53	0.00	516.53	3,251.20	1,625.60	5,696.33	2,813.20	0.85	-0.30	0.192
28.00	-26.17	-5.59	0.00	-513.73	0.00	513.73	3,243.44	1,621.72	5,669.03	2,799.72	0.88	-0.31	0.192
28.50	-26.06	-5.58	0.00	-510.93	0.00	510.93	3,235.68	1,617.84	5,641.80	2,786.27	0.91	-0.31	0.191
29.00	-25.95	-5.57	0.00	-508.14	0.00	508.14	3,227.92	1,613.96	5,614.64	2,772.86	0.95	-0.32	0.191
29.50	-25.84	-5.56	0.00	-505.35	0.00	505.35	3,220.15	1,610.08	5,587.54	2,759.47	0.98	-0.32	0.191
30.00	-25.74	-5.55	0.00	-502.57	0.00	502.57	3,212.39	1,606.20	5,560.50	2,746.12	1.02	-0.33	0.191
30.50	-25.63	-5.54	0.00	-499.79	0.00	499.79	3,204.63	1,602.31	5,533.53	2,732.80	1.05	-0.33	0.191
31.00	-25.52	-5.53	0.00	-497.02	0.00	497.02	3,196.87	1,598.43	5,506.63	2,719.52	1.09	-0.34	0.191
31.50	-25.41	-5.52	0.00	-494.26	0.00	494.26	3,189.10	1,594.55	5,479.79	2,706.26	1.12	-0.35	0.191
32.00	-25.30	-5.51	0.00	-491.50	0.00	491.50	3,181.34	1,590.67	5,453.02	2,693.04	1.16	-0.35	0.190
32.50	-25.19	-5.50	0.00	-488.74	0.00	488.74	3,173.58	1,586.79	5,426.31	2,679.85	1.19	-0.36	0.190
33.00	-25.08	-5.49	0.00	-485.99	0.00	485.99	3,165.82	1,582.91	5,399.67	2,666.69	1.23	-0.36	0.190
33.50	-24.98	-5.48	0.00	-483.25	0.00	483.25	3,158.05	1,579.03	5,373.09	2,653.57	1.27	-0.37	0.190
34.00	-24.87	-5.47	0.00	-480.51	0.00	480.51	3,150.29	1,575.15	5,346.58	2,640.48	1.31	-0.37	0.190
34.50	-24.76	-5.46	0.00	-477.77	0.00	477.77	3,142.53	1,571.26	5,320.14	2,627.42	1.35	-0.38	0.190
35.00	-24.65	-5.45	0.00	-475.04	0.00	475.04	3,134.77	1,567.38	5,293.76	2,614.39	1.39	-0.39	0.190
35.50	-24.55	-5.44	0.00	-472.32	0.00	472.32	3,127.00	1,563.50	5,267.45	2,601.39	1.43	-0.39	0.189
36.00	-24.44	-5.42	0.00	-469.60	0.00	469.60	3,119.24	1,559.62	5,241.20	2,588.43	1.47	-0.40	0.189
36.50	-24.33	-5.41	0.00	-466.89	0.00	466.89	3,111.48	1,555.74	5,215.02	2,575.50	1.51	-0.40	0.189
37.00	-24.23	-5.40	0.00	-464.18	0.00	464.18	3,103.72	1,551.86	5,188.90	2,562.60	1.56	-0.41	0.189
37.50	-24.12	-5.39	0.00	-461.48	0.00	461.48	3,095.95	1,547.98	5,162.85	2,549.74	1.60	-0.42	0.189
38.00	-24.01	-5.38	0.00	-458.79	0.00	458.79	3,088.19	1,544.10	5,136.86	2,536.90	1.64	-0.42	0.189
38.50	-23.91	-5.37	0.00	-456.10	0.00	456.10	3,080.43	1,540.21	5,110.94	2,524.10	1.69	-0.43	0.188
39.00	-23.80	-5.36	0.00	-453.41	0.00	453.41	3,072.67	1,536.33	5,085.09	2,511.33	1.73	-0.43	0.188
39.50	-23.70	-5.35	0.00	-450.73	0.00	450.73	3,064.90	1,532.45	5,059.30	2,498.60	1.78	-0.44	0.188
40.00	-23.59	-5.34	0.00	-448.06	0.00	448.06	3,057.14	1,528.57	5,033.58	2,485.89	1.83	-0.45	0.188
40.50	-23.49	-5.33	0.00	-445.39	0.00	445.39	3,049.38	1,524.69	5,007.92	2,473.22	1.87	-0.45	0.188
41.00	-23.38	-5.31	0.00	-442.73	0.00	442.73	3,041.62	1,520.81	4,982.33	2,460.58	1.92	-0.46	0.188
41.50	-23.28	-5.30	0.00	-440.07	0.00	440.07	3,033.85	1,516.93	4,956.80	2,447.98	1.97	-0.46	0.187
42.00	-23.18	-5.29	0.00	-437.42	0.00	437.42	3,026.09	1,513.04	4,931.34	2,435.40	2.02	-0.47	0.187
42.50	-23.07	-5.28	0.00	-434.77	0.00	434.77	3,018.33	1,509.16	4,905.94	2,422.86	2.07	-0.48	0.187
43.00	-22.97	-5.27	0.00	-432.13	0.00	432.13	3,010.56	1,505.28	4,880.61	2,410.35	2.12	-0.48	0.187
43.50	-22.87	-5.26	0.00	-429.50	0.00	429.50	3,002.80	1,501.40	4,855.35	2,397.87	2.17	-0.49	0.187
43.58	-22.85	-5.26	0.00	-429.06	0.00	429.06	3,001.51	1,500.75	4,851.15	2,395.80	2.18	-0.49	0.187
44.00	-22.70	-5.25	0.00	-426.87	0.00	426.87	2,995.04	1,497.52	4,830.15	2,385.43	2.22	-0.49	0.187
44.50	-22.52	-5.23	0.00	-424.25	0.00	424.25	2,987.28	1,493.64	4,805.02	2,373.02	2.27	-0.50	0.186
45.00	-22.34	-5.22	0.00	-421.63	0.00	421.63	2,979.51	1,489.76	4,779.95	2,360.64	2.32	-0.51	0.186
45.50	-22.17	-5.21	0.00	-419.02	0.00	419.02	2,971.75	1,485.88	4,754.95	2,348.29	2.38	-0.51	0.186
46.00	-21.99	-5.20	0.00	-416.42	0.00	416.42	2,963.99	1,481.99	4,730.01	2,335.97	2.43	-0.52	0.186
46.50	-21.81	-5.18	0.00	-413.82	0.00	413.82	2,956.23	1,478.11	4,705.14	2,323.69	2.49	-0.52	0.185
47.00	-21.64	-5.17	0.00	-411.23	0.00	411.23	2,948.46	1,474.23	4,680.34	2,311.44	2.54	-0.53	0.185
47.50	-21.46	-5.16	0.00	-408.64	0.00	408.64	2,940.70	1,470.35	4,655.60	2,299.22	2.60	-0.54	0.185
48.00	-21.29	-5.15	0.00	-406.06	0.00	406.06	2,932.94	1,466.47	4,630.92	2,287.04	2.65	-0.54	0.185
48.50	-21.11	-5.13	0.00	-403.49	0.00	403.49	2,925.18	1,462.59	4,606.31	2,274.88	2.71	-0.55	0.185
49.00	-20.94	-5.12	0.00	-400.92	0.00	400.92	2,917.41	1,458.71	4,581.77	2,262.76	2.77	-0.55	0.184
49.50	-20.77	-5.11	0.00	-398.36	0.00	398.36	2,513.92	1,256.96	4,022.27	1,986.45	2.83	-0.56	0.209
50.00	-20.68	-5.10	0.00	-395.80	0.00	395.80	2,507.34	1,253.67	4,001.16	1,976.02	2.89	-0.57	0.209
50.50	-20.59	-5.09	0.00	-393.26	0.00	393.26	2,500.77	1,250.38	3,980.10	1,965.62	2.94	-0.57	0.208
51.00	-20.50	-5.07	0.00	-390.71	0.00	390.71	2,494.19	1,247.09	3,959.11	1,955.25	3.01	-0.58	0.208
51.50	-20.41	-5.06	0.00	-388.18	0.00	388.18	2,487.61	1,243.81	3,938.16	1,944.91	3.07	-0.59	0.208
52.00	-20.32	-5.05	0.00	-385.64	0.00	385.64	2,481.03	1,240.52	3,917.27	1,934.59	3.13	-0.59	0.208
52.50	-20.24	-5.04	0.00	-383.12	0.00	383.12	2,474.46	1,237.23	3,896.44	1,924.30	3.19	-0.60	0.207
53.00	-20.15	-5.03	0.00	-380.60	0.00	380.60	2,467.88	1,233.94	3,875.66	1,914.04	3.25	-0.61	0.207

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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Base Elev : 0.000 (ft)



Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor: 1.10

Wind Importance Factor: 1.00

Dead Load Factor: 1.00

Wind Load Factor: 1.00

53.50	-20.06	-5.02	0.00	-378.09	0.00	378.09	2,461.30	1,230.65	3,854.94	1,903.81	3.32	-0.61	0.207
54.00	-19.97	-5.00	0.00	-375.58	0.00	375.58	2,454.73	1,227.36	3,834.27	1,893.60	3.38	-0.62	0.206
54.50	-19.89	-4.99	0.00	-373.08	0.00	373.08	2,448.15	1,224.07	3,813.66	1,883.42	3.45	-0.63	0.206
55.00	-19.80	-4.98	0.00	-370.58	0.00	370.58	2,441.57	1,220.79	3,793.10	1,873.27	3.51	-0.64	0.206
55.50	-19.71	-4.97	0.00	-368.09	0.00	368.09	2,434.99	1,217.50	3,772.60	1,863.15	3.58	-0.64	0.206
56.00	-19.62	-4.96	0.00	-365.61	0.00	365.61	2,428.42	1,214.21	3,752.16	1,853.05	3.65	-0.65	0.205
56.50	-19.54	-4.95	0.00	-363.13	0.00	363.13	2,421.84	1,210.92	3,731.77	1,842.98	3.72	-0.66	0.205
57.00	-19.45	-4.93	0.00	-360.65	0.00	360.65	2,415.26	1,207.63	3,711.43	1,832.94	3.79	-0.66	0.205
57.50	-19.37	-4.92	0.00	-358.19	0.00	358.19	2,408.69	1,204.34	3,691.15	1,822.92	3.86	-0.67	0.205
58.00	-19.28	-4.91	0.00	-355.73	0.00	355.73	2,402.11	1,201.05	3,670.93	1,812.94	3.93	-0.68	0.204
58.50	-19.19	-4.90	0.00	-353.27	0.00	353.27	2,395.53	1,197.77	3,650.76	1,802.98	4.00	-0.68	0.204
59.00	-19.11	-4.89	0.00	-350.82	0.00	350.82	2,388.96	1,194.48	3,630.65	1,793.04	4.07	-0.69	0.204
59.50	-19.02	-4.87	0.00	-348.38	0.00	348.38	2,382.38	1,191.19	3,610.60	1,783.14	4.14	-0.70	0.203
60.00	-18.94	-4.86	0.00	-345.94	0.00	345.94	2,375.80	1,187.90	3,590.60	1,773.26	4.22	-0.71	0.203
60.50	-18.85	-4.85	0.00	-343.51	0.00	343.51	2,369.22	1,184.61	3,570.65	1,763.41	4.29	-0.71	0.203
61.00	-18.77	-4.84	0.00	-341.09	0.00	341.09	2,362.65	1,181.32	3,550.76	1,753.59	4.37	-0.72	0.202
61.50	-18.69	-4.83	0.00	-338.67	0.00	338.67	2,356.07	1,178.03	3,530.93	1,743.79	4.44	-0.73	0.202
62.00	-18.60	-4.82	0.00	-336.25	0.00	336.25	2,349.49	1,174.75	3,511.15	1,734.03	4.52	-0.73	0.202
62.50	-18.52	-4.80	0.00	-333.84	0.00	333.84	2,342.92	1,171.46	3,491.43	1,724.28	4.60	-0.74	0.202
63.00	-18.43	-4.79	0.00	-331.44	0.00	331.44	2,336.34	1,168.17	3,471.76	1,714.57	4.67	-0.75	0.201
63.50	-18.35	-4.78	0.00	-329.05	0.00	329.05	2,329.76	1,164.88	3,452.15	1,704.89	4.75	-0.75	0.201
64.00	-18.27	-4.77	0.00	-326.66	0.00	326.66	2,323.18	1,161.59	3,432.59	1,695.23	4.83	-0.76	0.201
64.50	-18.18	-4.76	0.00	-324.27	0.00	324.27	2,316.61	1,158.30	3,413.09	1,685.60	4.91	-0.77	0.200
65.00	-18.10	-4.74	0.00	-321.90	0.00	321.90	2,310.03	1,155.01	3,393.65	1,675.99	4.99	-0.78	0.200
65.50	-18.02	-4.73	0.00	-319.52	0.00	319.52	2,303.45	1,151.73	3,374.26	1,666.42	5.07	-0.78	0.200
66.00	-17.93	-4.72	0.00	-317.16	0.00	317.16	2,296.88	1,148.44	3,354.92	1,656.87	5.16	-0.79	0.199
66.50	-17.85	-4.71	0.00	-314.80	0.00	314.80	2,290.30	1,145.15	3,335.65	1,647.35	5.24	-0.80	0.199
67.00	-17.77	-4.70	0.00	-312.45	0.00	312.45	2,283.72	1,141.86	3,316.42	1,637.86	5.32	-0.80	0.199
67.50	-17.69	-4.68	0.00	-310.10	0.00	310.10	2,277.14	1,138.57	3,297.26	1,628.39	5.41	-0.81	0.198
68.00	-17.60	-4.67	0.00	-307.76	0.00	307.76	2,270.57	1,135.28	3,278.14	1,618.95	5.49	-0.82	0.198
68.50	-17.52	-4.66	0.00	-305.42	0.00	305.42	2,263.99	1,131.99	3,259.09	1,609.54	5.58	-0.83	0.198
69.00	-17.44	-4.65	0.00	-303.09	0.00	303.09	2,257.41	1,128.71	3,240.09	1,600.16	5.67	-0.83	0.197
69.50	-17.36	-4.64	0.00	-300.77	0.00	300.77	2,250.84	1,125.42	3,221.14	1,590.80	5.76	-0.84	0.197
70.00	-17.28	-4.62	0.00	-298.45	0.00	298.45	2,244.26	1,122.13	3,202.25	1,581.47	5.84	-0.85	0.196
70.50	-17.20	-4.61	0.00	-296.14	0.00	296.14	2,237.68	1,118.84	3,183.42	1,572.17	5.93	-0.85	0.196
71.00	-17.12	-4.60	0.00	-293.83	0.00	293.83	2,231.10	1,115.55	3,164.64	1,562.90	6.02	-0.86	0.196
71.50	-17.04	-4.59	0.00	-291.53	0.00	291.53	2,224.53	1,112.26	3,145.92	1,553.65	6.11	-0.87	0.195
72.00	-16.96	-4.58	0.00	-289.24	0.00	289.24	2,217.95	1,108.97	3,127.25	1,544.43	6.20	-0.88	0.195
72.50	-16.88	-4.56	0.00	-286.95	0.00	286.95	2,211.37	1,105.69	3,108.64	1,535.24	6.30	-0.88	0.195
73.00	-16.80	-4.55	0.00	-284.67	0.00	284.67	2,204.80	1,102.40	3,090.08	1,526.08	6.39	-0.89	0.194
73.50	-16.72	-4.54	0.00	-282.39	0.00	282.39	2,198.22	1,099.11	3,071.58	1,516.94	6.48	-0.90	0.194
74.00	-16.64	-4.53	0.00	-280.12	0.00	280.12	2,191.64	1,095.82	3,053.14	1,507.83	6.58	-0.91	0.193
74.50	-16.56	-4.52	0.00	-277.86	0.00	277.86	2,185.06	1,092.53	3,034.75	1,498.75	6.67	-0.91	0.193
75.00	-16.48	-4.50	0.00	-275.60	0.00	275.60	2,178.49	1,089.24	3,016.41	1,489.69	6.77	-0.92	0.193
75.50	-16.40	-4.49	0.00	-273.35	0.00	273.35	2,171.91	1,085.95	2,998.14	1,480.67	6.87	-0.93	0.192
76.00	-16.32	-4.48	0.00	-271.10	0.00	271.10	2,165.33	1,082.67	2,979.91	1,471.67	6.96	-0.93	0.192
76.50	-16.24	-4.47	0.00	-268.86	0.00	268.86	2,158.76	1,079.38	2,961.75	1,462.70	7.06	-0.94	0.191
77.00	-16.16	-4.46	0.00	-266.63	0.00	266.63	2,152.18	1,076.09	2,943.64	1,453.75	7.16	-0.95	0.191
77.50	-16.08	-4.44	0.00	-264.40	0.00	264.40	2,145.60	1,072.80	2,925.58	1,444.83	7.26	-0.96	0.191
78.00	-16.01	-4.43	0.00	-262.18	0.00	262.18	2,139.02	1,069.51	2,907.58	1,435.94	7.36	-0.96	0.190
78.50	-15.93	-4.42	0.00	-259.96	0.00	259.96	2,132.45	1,066.22	2,889.63	1,427.08	7.46	-0.97	0.190
79.00	-15.85	-4.41	0.00	-257.75	0.00	257.75	2,125.87	1,062.94	2,871.74	1,418.25	7.56	-0.98	0.189
79.50	-15.77	-4.40	0.00	-255.55	0.00	255.55	2,119.29	1,059.65	2,853.91	1,409.44	7.67	-0.99	0.189
80.00	-15.70	-4.38	0.00	-253.35	0.00	253.35	2,112.72	1,056.36	2,836.13	1,400.66	7.77	-0.99	0.188
80.50	-15.62	-4.37	0.00	-251.16	0.00	251.16	2,106.14	1,053.07	2,818.41	1,391.91	7.88	-1.00	0.188
81.00	-15.54	-4.36	0.00	-248.98	0.00	248.98	2,099.56	1,049.78	2,800.74	1,383.18	7.98	-1.01	0.187
81.50	-15.47	-4.35	0.00	-246.80	0.00	246.80	2,092.98	1,046.49	2,783.13	1,374.48	8.09	-1.01	0.187

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

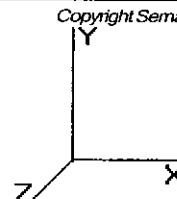
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

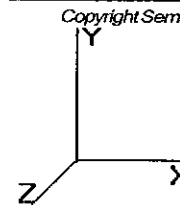
82.00	-15.39	-4.34	0.00	-244.62	0.00	244.62	2,086.41	1,043.20	2,765.57	1,365.81	8.19	-1.02	0.186
82.50	-15.31	-4.32	0.00	-242.46	0.00	242.46	2,079.83	1,039.92	2,748.07	1,357.17	8.30	-1.03	0.186
83.00	-15.24	-4.31	0.00	-240.29	0.00	240.29	2,073.25	1,036.63	2,730.63	1,348.55	8.41	-1.04	0.186
83.50	-15.16	-4.30	0.00	-238.14	0.00	238.14	2,066.68	1,033.34	2,713.24	1,339.97	8.52	-1.04	0.185
84.00	-15.09	-4.29	0.00	-235.99	0.00	235.99	2,060.10	1,030.05	2,695.90	1,331.41	8.63	-1.05	0.185
84.50	-15.01	-4.28	0.00	-233.85	0.00	233.85	2,053.52	1,026.76	2,678.63	1,322.87	8.74	-1.06	0.184
85.00	-14.93	-4.26	0.00	-231.71	0.00	231.71	2,046.94	1,023.47	2,661.40	1,314.37	8.85	-1.07	0.184
85.50	-14.86	-4.25	0.00	-229.58	0.00	229.58	2,040.37	1,020.18	2,644.24	1,305.89	8.96	-1.07	0.183
86.00	-14.78	-4.24	0.00	-227.45	0.00	227.45	2,033.79	1,016.90	2,627.12	1,297.44	9.07	-1.08	0.183
86.09	-14.77	-4.24	0.00	-227.08	0.00	227.08	2,032.65	1,016.33	2,624.16	1,295.98	9.09	-1.08	0.183
86.50	-14.67	-4.23	0.00	-225.33	0.00	225.33	2,027.21	1,013.61	2,610.07	1,289.01	9.19	-1.09	0.182
87.00	-14.55	-4.21	0.00	-223.22	0.00	223.22	2,020.64	1,010.32	2,593.07	1,280.62	9.30	-1.10	0.182
87.50	-14.42	-4.20	0.00	-221.11	0.00	221.11	2,014.06	1,007.03	2,576.12	1,272.25	9.42	-1.10	0.181
88.00	-14.30	-4.19	0.00	-219.01	0.00	219.01	2,007.48	1,003.74	2,559.23	1,263.91	9.53	-1.11	0.180
88.50	-14.18	-4.17	0.00	-216.92	0.00	216.92	2,000.90	1,000.45	2,542.40	1,255.60	9.65	-1.12	0.180
89.00	-14.05	-4.16	0.00	-214.83	0.00	214.83	1,994.33	997.16	2,525.62	1,247.31	9.77	-1.13	0.179
89.50	-13.93	-4.15	0.00	-212.75	0.00	212.75	1,987.75	993.88	2,508.90	1,239.05	9.89	-1.13	0.179
90.00	-13.81	-4.13	0.00	-210.68	0.00	210.68	1,981.17	990.59	2,492.23	1,230.82	10.01	-1.14	0.178
90.50	-13.69	-4.12	0.00	-208.61	0.00	208.61	1,974.60	987.30	2,475.62	1,222.61	10.13	-1.15	0.178
91.00	-13.57	-4.11	0.00	-206.55	0.00	206.55	1,968.02	984.01	2,459.06	1,214.44	10.25	-1.15	0.177
91.00	-13.57	-4.11	0.00	-206.54	0.00	206.54	1,640.64	820.32	2,096.83	1,035.55	10.25	-1.15	0.208
91.50	-13.51	-4.10	0.00	-204.50	0.00	204.50	1,635.31	817.65	2,083.15	1,028.79	10.37	-1.16	0.207
92.00	-13.44	-4.08	0.00	-202.45	0.00	202.45	1,629.93	814.97	2,069.42	1,022.01	10.49	-1.17	0.206
92.50	-13.38	-4.07	0.00	-200.41	0.00	200.41	1,624.56	812.28	2,055.74	1,015.25	10.61	-1.18	0.206
93.00	-13.32	-4.06	0.00	-198.37	0.00	198.37	1,619.19	809.59	2,042.11	1,008.52	10.74	-1.19	0.205
93.50	-13.25	-4.05	0.00	-196.34	0.00	196.34	1,613.82	806.91	2,028.52	1,001.81	10.86	-1.20	0.204
94.00	-13.19	-4.04	0.00	-194.32	0.00	194.32	1,608.44	804.22	2,014.97	995.12	10.99	-1.20	0.203
94.50	-13.13	-4.03	0.00	-192.30	0.00	192.30	1,603.07	801.54	2,001.47	988.45	11.11	-1.21	0.203
95.00	-13.07	-4.01	0.00	-190.29	0.00	190.29	1,597.70	798.85	1,988.02	981.81	11.24	-1.22	0.202
95.50	-13.00	-4.00	0.00	-188.28	0.00	188.28	1,592.33	796.16	1,974.61	975.18	11.37	-1.23	0.201
96.00	-12.94	-3.99	0.00	-186.28	0.00	186.28	1,586.95	793.48	1,961.24	968.58	11.50	-1.24	0.201
96.50	-12.88	-3.98	0.00	-184.28	0.00	184.28	1,581.58	790.79	1,947.92	962.01	11.63	-1.25	0.200
97.00	-12.82	-3.97	0.00	-182.29	0.00	182.29	1,576.21	788.10	1,934.65	955.45	11.76	-1.26	0.199
97.50	-12.76	-3.96	0.00	-180.31	0.00	180.31	1,570.84	785.42	1,921.42	948.92	11.89	-1.26	0.198
98.00	-12.70	-3.94	0.00	-178.33	0.00	178.33	1,565.46	782.73	1,908.24	942.41	12.03	-1.27	0.197
98.50	-12.63	-3.93	0.00	-176.36	0.00	176.36	1,560.09	780.05	1,895.10	935.92	12.16	-1.28	0.197
99.00	-12.57	-3.92	0.00	-174.40	0.00	174.40	1,554.72	777.36	1,882.01	929.46	12.29	-1.29	0.196
99.50	-12.51	-3.91	0.00	-172.44	0.00	172.44	1,549.35	774.67	1,868.97	923.01	12.43	-1.30	0.195
100.00	-12.45	-3.90	0.00	-170.48	0.00	170.48	1,543.97	771.99	1,855.97	916.59	12.57	-1.31	0.194
100.50	-12.39	-3.89	0.00	-168.53	0.00	168.53	1,538.60	769.30	1,843.01	910.19	12.70	-1.31	0.193
101.00	-12.33	-3.87	0.00	-166.59	0.00	166.59	1,533.23	766.61	1,830.10	903.82	12.84	-1.32	0.192
101.50	-12.27	-3.86	0.00	-164.65	0.00	164.65	1,527.85	763.93	1,817.24	897.46	12.98	-1.33	0.192
102.00	-12.21	-3.85	0.00	-162.72	0.00	162.72	1,522.48	761.24	1,804.42	891.13	13.12	-1.34	0.191
102.50	-12.15	-3.84	0.00	-160.80	0.00	160.80	1,517.11	758.55	1,791.64	884.82	13.26	-1.35	0.190
103.00	-12.09	-3.83	0.00	-158.88	0.00	158.88	1,511.74	755.87	1,778.91	878.54	13.40	-1.36	0.189
103.50	-12.03	-3.82	0.00	-156.97	0.00	156.97	1,506.36	753.18	1,766.23	872.27	13.54	-1.36	0.188
104.00	-11.97	-3.80	0.00	-155.06	0.00	155.06	1,500.99	750.50	1,753.59	866.03	13.69	-1.37	0.187
104.50	-11.91	-3.79	0.00	-153.16	0.00	153.16	1,495.62	747.81	1,741.00	859.81	13.83	-1.38	0.186
105.00	-11.85	-3.78	0.00	-151.26	0.00	151.26	1,490.25	745.12	1,728.45	853.62	13.98	-1.39	0.185
105.50	-11.79	-3.77	0.00	-149.37	0.00	149.37	1,484.87	742.44	1,715.95	847.44	14.12	-1.40	0.184
106.00	-11.74	-3.76	0.00	-147.49	0.00	147.49	1,479.50	739.75	1,703.50	841.29	14.27	-1.41	0.183
106.50	-11.68	-3.75	0.00	-145.61	0.00	145.61	1,474.13	737.06	1,691.08	835.16	14.42	-1.41	0.182
107.00	-11.62	-3.73	0.00	-143.73	0.00	143.73	1,468.76	734.38	1,678.72	829.06	14.57	-1.42	0.181
107.50	-11.56	-3.72	0.00	-141.87	0.00	141.87	1,463.38	731.69	1,666.40	822.97	14.72	-1.43	0.180
108.00	-11.50	-3.71	0.00	-140.00	0.00	140.00	1,458.01	729.01	1,654.12	816.91	14.87	-1.44	0.179
108.50	-11.44	-3.70	0.00	-138.15	0.00	138.15	1,452.64	726.32	1,641.89	810.87	15.02	-1.45	0.178
109.00	-11.39	-3.69	0.00	-136.30	0.00	136.30	1,447.27	723.63	1,629.71	804.85	15.17	-1.46	0.177

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

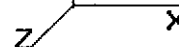
109.50	-11.33	-3.68	0.00	-134.45	0.00	134.45	1,441.89	720.95	1,617.57	798.86	15.32	-1.46	0.176
110.00	-11.27	-3.67	0.00	-132.62	0.00	132.62	1,436.52	718.26	1,605.48	792.89	15.48	-1.47	0.175
110.50	-11.21	-3.65	0.00	-130.78	0.00	130.78	1,431.15	715.57	1,593.43	786.94	15.63	-1.48	0.174
111.00	-11.16	-3.64	0.00	-128.96	0.00	128.96	1,425.78	712.89	1,581.43	781.01	15.79	-1.49	0.173
111.50	-11.10	-3.63	0.00	-127.13	0.00	127.13	1,420.40	710.20	1,569.47	775.10	15.94	-1.50	0.172
112.00	-11.04	-3.62	0.00	-125.32	0.00	125.32	1,415.03	707.52	1,557.56	769.22	16.10	-1.50	0.171
112.50	-10.99	-3.61	0.00	-123.51	0.00	123.51	1,409.66	704.83	1,545.69	763.36	16.26	-1.51	0.170
113.00	-10.93	-3.60	0.00	-121.70	0.00	121.70	1,404.29	702.14	1,533.87	757.52	16.42	-1.52	0.168
113.50	-10.87	-3.59	0.00	-119.91	0.00	119.91	1,398.91	699.46	1,522.10	751.71	16.58	-1.53	0.167
114.00	-10.82	-3.57	0.00	-118.11	0.00	118.11	1,393.54	696.77	1,510.37	745.91	16.74	-1.54	0.166
114.50	-10.76	-3.56	0.00	-116.33	0.00	116.33	1,388.17	694.08	1,498.68	740.14	16.90	-1.54	0.165
115.00	-10.71	-3.55	0.00	-114.54	0.00	114.54	1,382.79	691.40	1,487.04	734.39	17.06	-1.55	0.164
115.50	-10.65	-3.54	0.00	-112.77	0.00	112.77	1,377.42	688.71	1,475.45	728.67	17.22	-1.56	0.163
116.00	-10.59	-3.53	0.00	-111.00	0.00	111.00	1,372.05	686.02	1,463.90	722.97	17.39	-1.57	0.161
116.50	-10.54	-3.52	0.00	-109.23	0.00	109.23	1,366.68	683.34	1,452.40	717.28	17.55	-1.58	0.160
117.00	-10.48	-3.51	0.00	-107.47	0.00	107.47	1,361.30	680.65	1,440.94	711.63	17.72	-1.58	0.159
117.50	-10.43	-3.50	0.00	-105.72	0.00	105.72	1,355.93	677.97	1,429.53	705.99	17.88	-1.59	0.157
118.00	-10.37	-3.48	0.00	-103.97	0.00	103.97	1,350.56	675.28	1,418.16	700.38	18.05	-1.60	0.156
118.50	-10.32	-3.47	0.00	-102.23	0.00	102.23	1,345.19	672.59	1,406.84	694.78	18.22	-1.61	0.155
119.00	-10.26	-3.46	0.00	-100.49	0.00	100.49	1,339.81	669.91	1,395.56	689.21	18.39	-1.61	0.153
119.50	-10.21	-3.45	0.00	-98.76	0.00	98.76	1,334.44	667.22	1,384.33	683.67	18.56	-1.62	0.152
120.00	-10.16	-3.44	0.00	-97.04	0.00	97.04	1,329.07	664.53	1,373.14	678.14	18.73	-1.63	0.151
120.50	-10.10	-3.43	0.00	-95.32	0.00	95.32	1,323.70	661.85	1,362.00	672.64	18.90	-1.64	0.149
120.83	-10.07	-3.42	0.00	-94.19	0.00	94.19	1,320.15	660.08	1,354.68	669.02	19.01	-1.64	0.148
121.00	-10.04	-3.42	0.00	-93.61	0.00	93.61	1,318.32	659.16	1,350.91	667.16	19.07	-1.64	0.148
121.50	-9.96	-3.40	0.00	-91.90	0.00	91.90	1,312.95	656.48	1,339.86	661.71	19.24	-1.65	0.146
122.00	-9.88	-3.39	0.00	-90.19	0.00	90.19	1,307.58	653.79	1,328.86	656.27	19.42	-1.66	0.145
122.50	-9.80	-3.38	0.00	-88.50	0.00	88.50	1,302.21	651.10	1,317.90	650.86	19.59	-1.67	0.144
123.00	-9.72	-3.37	0.00	-86.81	0.00	86.81	1,296.83	648.42	1,306.98	645.47	19.76	-1.67	0.142
123.50	-9.64	-3.36	0.00	-85.12	0.00	85.12	1,291.46	645.73	1,296.12	640.10	19.94	-1.68	0.140
124.00	-9.56	-3.34	0.00	-83.45	0.00	83.45	1,286.09	643.04	1,285.29	634.76	20.12	-1.69	0.139
124.50	-9.49	-3.33	0.00	-81.77	0.00	81.77	1,280.72	640.36	1,274.52	629.44	20.29	-1.69	0.137
125.00	-9.41	-3.32	0.00	-80.12	0.00	80.12	826.04	413.02	837.83	413.77	20.47	-1.70	0.205
125.00	-9.41	-3.32	0.00	-80.11	0.00	80.11	826.03	413.01	837.80	413.76	20.47	-1.70	0.205
125.50	-9.37	-3.31	0.00	-78.45	0.00	78.45	824.51	412.25	832.77	411.27	20.65	-1.71	0.202
126.00	-9.33	-3.30	0.00	-76.79	0.00	76.79	822.97	411.49	827.74	408.79	20.83	-1.72	0.199
126.50	-9.29	-3.29	0.00	-75.14	0.00	75.14	821.42	410.71	822.71	406.31	21.01	-1.73	0.196
127.00	-9.24	-3.28	0.00	-73.50	0.00	73.50	819.85	409.93	817.68	403.82	21.19	-1.74	0.193
127.50	-9.20	-3.27	0.00	-71.86	0.00	71.86	818.27	409.13	812.65	401.34	21.38	-1.75	0.190
128.00	-9.16	-3.26	0.00	-70.22	0.00	70.22	816.67	408.33	807.61	398.85	21.56	-1.76	0.187
128.50	-9.12	-3.25	0.00	-68.59	0.00	68.59	815.05	407.53	802.57	396.36	21.74	-1.77	0.184
129.00	-9.08	-3.24	0.00	-66.97	0.00	66.97	813.42	406.71	797.53	393.87	21.93	-1.78	0.181
129.50	-9.04	-3.23	0.00	-65.35	0.00	65.35	811.78	405.89	792.49	391.38	22.12	-1.79	0.178
130.00	-9.00	-3.22	0.00	-63.74	0.00	63.74	810.12	405.06	787.44	388.89	22.30	-1.80	0.175
130.50	-8.96	-3.21	0.00	-62.13	0.00	62.13	808.44	404.22	782.40	386.40	22.49	-1.80	0.172
131.00	-8.92	-3.20	0.00	-60.52	0.00	60.52	806.74	403.37	777.35	383.91	22.68	-1.81	0.169
131.50	-8.89	-3.19	0.00	-58.93	0.00	58.93	805.03	402.52	772.31	381.41	22.87	-1.82	0.166
132.00	-8.85	-3.18	0.00	-57.33	0.00	57.33	803.31	401.65	767.26	378.92	23.06	-1.83	0.162
132.50	-8.81	-3.17	0.00	-55.75	0.00	55.75	801.57	400.78	762.21	376.43	23.26	-1.84	0.159
133.00	-8.77	-3.16	0.00	-54.16	0.00	54.16	799.81	399.91	757.17	373.94	23.45	-1.85	0.156
133.50	-8.73	-3.14	0.00	-52.59	0.00	52.59	798.04	399.02	752.12	371.44	23.64	-1.86	0.153
134.00	-8.69	-3.13	0.00	-51.01	0.00	51.01	796.25	398.13	747.07	368.95	23.84	-1.86	0.149
134.50	-8.65	-3.12	0.00	-49.45	0.00	49.45	794.45	397.22	742.02	366.46	24.03	-1.87	0.146
135.00	-8.61	-3.11	0.00	-47.88	0.00	47.88	792.63	396.32	736.98	363.97	24.23	-1.88	0.142
135.50	-8.57	-3.10	0.00	-46.33	0.00	46.33	790.80	395.40	731.93	361.47	24.43	-1.89	0.139
136.00	-8.53	-3.09	0.00	-44.78	0.00	44.78	788.95	394.47	726.89	358.98	24.63	-1.89	0.136
136.50	-8.50	-3.08	0.00	-43.23	0.00	43.23	787.08	393.54	721.84	356.49	24.82	-1.90	0.132

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

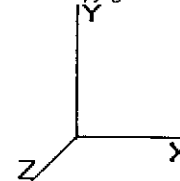
137.00	-8.46	-3.07	0.00	-41.69	0.00	41.69	783.60	391.80	715.34	353.28	25.02	-1.91	0.129
137.50	-6.55	-2.33	0.00	-40.15	0.00	40.15	780.00	390.00	708.77	350.03	25.22	-1.92	0.123
138.00	-6.52	-2.32	0.00	-38.98	0.00	38.98	776.41	388.20	702.22	346.80	25.43	-1.92	0.121
138.50	-6.49	-2.31	0.00	-37.82	0.00	37.82	772.81	386.41	695.71	343.58	25.63	-1.93	0.119
139.00	-6.45	-2.30	0.00	-36.67	0.00	36.67	769.22	384.61	689.22	340.38	25.83	-1.94	0.116
139.50	-6.42	-2.29	0.00	-35.52	0.00	35.52	765.62	382.81	682.77	337.19	26.03	-1.94	0.114
140.00	-6.39	-2.28	0.00	-34.37	0.00	34.37	762.03	381.01	676.34	334.02	26.24	-1.95	0.111
140.50	-6.36	-2.27	0.00	-33.23	0.00	33.23	758.43	379.22	669.95	330.86	26.44	-1.95	0.109
141.00	-6.32	-2.26	0.00	-32.10	0.00	32.10	754.84	377.42	663.59	327.72	26.65	-1.96	0.106
141.50	-6.29	-2.25	0.00	-30.97	0.00	30.97	751.25	375.62	657.26	324.59	26.85	-1.97	0.104
142.00	-6.26	-2.24	0.00	-29.84	0.00	29.84	747.65	373.83	650.95	321.48	27.06	-1.97	0.101
142.50	-6.23	-2.23	0.00	-28.72	0.00	28.72	744.06	372.03	644.68	318.38	27.26	-1.98	0.099
143.00	-6.20	-2.22	0.00	-27.61	0.00	27.61	740.46	370.23	638.44	315.30	27.47	-1.98	0.096
143.50	-6.16	-2.21	0.00	-26.50	0.00	26.50	736.87	368.43	632.23	312.23	27.68	-1.99	0.093
144.00	-6.13	-2.20	0.00	-25.39	0.00	25.39	733.27	366.64	626.05	309.18	27.89	-1.99	0.091
144.50	-6.10	-2.19	0.00	-24.29	0.00	24.29	729.68	364.84	619.90	306.15	28.10	-2.00	0.088
145.00	-6.07	-2.18	0.00	-23.20	0.00	23.20	726.08	363.04	613.78	303.12	28.31	-2.00	0.085
145.50	-6.04	-2.17	0.00	-22.11	0.00	22.11	722.49	361.24	607.69	300.12	28.52	-2.01	0.082
146.00	-6.01	-2.16	0.00	-21.02	0.00	21.02	718.90	359.45	601.63	297.12	28.73	-2.01	0.079
146.50	-5.97	-2.15	0.00	-19.94	0.00	19.94	715.30	357.65	595.60	294.15	28.94	-2.02	0.076
147.00	-5.94	-2.14	0.00	-18.87	0.00	18.87	711.71	355.85	589.60	291.18	29.15	-2.02	0.073
147.50	-5.91	-2.13	0.00	-17.80	0.00	17.80	708.11	354.06	583.64	288.24	29.36	-2.03	0.070
148.00	-3.68	-1.23	0.00	-16.73	0.00	16.73	704.52	352.26	577.70	285.30	29.58	-2.03	0.064
148.50	-3.65	-1.22	0.00	-16.12	0.00	16.12	700.92	350.46	571.79	282.39	29.79	-2.04	0.062
149.00	-3.63	-1.21	0.00	-15.51	0.00	15.51	697.33	348.66	565.91	279.48	30.00	-2.04	0.061
149.50	-3.60	-1.20	0.00	-14.91	0.00	14.91	693.73	346.87	560.07	276.60	30.22	-2.04	0.059
150.00	-3.58	-1.19	0.00	-14.31	0.00	14.31	690.14	345.07	554.25	273.72	30.43	-2.05	0.057
150.50	-3.56	-1.18	0.00	-13.71	0.00	13.71	686.54	343.27	548.47	270.87	30.64	-2.05	0.056
151.00	-3.53	-1.17	0.00	-13.12	0.00	13.12	682.95	341.48	542.71	268.02	30.86	-2.05	0.054
151.50	-3.51	-1.16	0.00	-12.54	0.00	12.54	679.36	339.68	536.99	265.20	31.07	-2.06	0.052
152.00	-3.48	-1.15	0.00	-11.96	0.00	11.96	675.76	337.88	531.29	262.38	31.29	-2.06	0.051
152.50	-3.46	-1.14	0.00	-11.39	0.00	11.39	672.17	336.08	525.63	259.59	31.51	-2.06	0.049
153.00	-3.44	-1.13	0.00	-10.82	0.00	10.82	668.57	334.29	519.99	256.80	31.72	-2.07	0.047
153.50	-3.41	-1.12	0.00	-10.25	0.00	10.25	664.98	332.49	514.39	254.04	31.94	-2.07	0.045
154.00	-3.39	-1.11	0.00	-9.69	0.00	9.69	661.38	330.69	508.81	251.28	32.16	-2.07	0.044
154.50	-3.37	-1.10	0.00	-9.14	0.00	9.14	657.79	328.89	503.27	248.55	32.37	-2.07	0.042
155.00	-3.34	-1.09	0.00	-8.58	0.00	8.58	654.19	327.10	497.76	245.82	32.59	-2.08	0.040
155.50	-3.32	-1.08	0.00	-8.04	0.00	8.04	650.60	325.30	492.28	243.12	32.81	-2.08	0.038
156.00	-3.30	-1.07	0.00	-7.50	0.00	7.50	647.01	323.50	486.83	240.42	33.03	-2.08	0.036
156.50	-3.28	-1.06	0.00	-6.96	0.00	6.96	643.41	321.71	481.40	237.75	33.24	-2.08	0.034
157.00	-3.25	-1.06	0.00	-6.43	0.00	6.43	639.82	319.91	476.01	235.08	33.46	-2.09	0.032
157.50	-3.23	-1.05	0.00	-5.90	0.00	5.90	636.22	318.11	470.65	232.44	33.68	-2.09	0.030
158.00	-3.21	-1.04	0.00	-5.38	0.00	5.38	632.63	316.31	465.32	229.80	33.90	-2.09	0.028
158.50	-3.19	-1.03	0.00	-4.86	0.00	4.86	629.03	314.52	460.02	227.19	34.12	-2.09	0.026
159.00	-3.16	-1.02	0.00	-4.35	0.00	4.35	625.44	312.72	454.75	224.58	34.34	-2.09	0.024
159.50	-3.14	-1.01	0.00	-3.84	0.00	3.84	621.84	310.92	449.51	222.00	34.56	-2.09	0.022
160.00	-3.12	-1.00	0.00	-3.33	0.00	3.33	618.25	309.13	444.30	219.43	34.78	-2.10	0.020
160.50	-3.12	-1.00	0.00	-3.33	0.00	3.33	618.25	309.13	444.30	219.43	34.78	-2.10	0.051
160.50	-3.09	-0.99	0.00	-2.83	0.00	2.83	506.62	253.31	150.95	74.55	34.99	-2.10	0.044
161.00	-3.06	-0.99	0.00	-2.33	0.00	2.33	506.62	253.31	150.95	74.55	35.21	-2.10	0.037
161.50	-3.02	-0.98	0.00	-1.84	0.00	1.84	506.62	253.31	150.95	74.55	35.43	-2.10	0.031
162.00	-0.68	-0.20	0.00	-1.35	0.00	1.35	506.62	253.31	150.95	74.55	35.65	-2.10	0.019
162.50	-0.65	-0.20	0.00	-1.25	0.00	1.25	506.62	253.31	150.95	74.55	35.87	-2.10	0.018
163.00	-0.62	-0.19	0.00	-1.15	0.00	1.15	506.62	253.31	150.95	74.55	36.10	-2.11	0.017
163.50	-0.59	-0.19	0.00	-1.05	0.00	1.05	506.62	253.31	150.95	74.55	36.32	-2.11	0.015
164.00	-0.56	-0.18	0.00	-0.96	0.00	0.96	506.62	253.31	150.95	74.55	36.54	-2.11	0.014
164.50	-0.53	-0.17	0.00	-0.87	0.00	0.87	506.62	253.31	150.95	74.55	36.76	-2.11	0.013

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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 Page: 95



Load Case: 1.0D + 1.0W

60.00 mph Serviceability

43 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

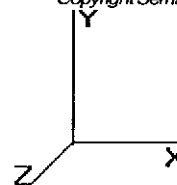
165.00	-0.50	-0.17	0.00	-0.78	0.00	0.78	506.62	253.31	150.95	74.55	36.98	-2.11	0.011
165.50	-0.47	-0.16	0.00	-0.70	0.00	0.70	506.62	253.31	150.95	74.55	37.20	-2.11	0.010
166.00	-0.44	-0.16	0.00	-0.62	0.00	0.62	506.62	253.31	150.95	74.55	37.42	-2.11	0.009
166.50	-0.41	-0.15	0.00	-0.54	0.00	0.54	506.62	253.31	150.95	74.55	37.64	-2.11	0.008
167.00	-0.38	-0.15	0.00	-0.46	0.00	0.46	506.62	253.31	150.95	74.55	37.86	-2.11	0.007
167.50	-0.35	-0.14	0.00	-0.39	0.00	0.39	506.62	253.31	150.95	74.55	38.08	-2.11	0.006
168.00	-0.32	-0.14	0.00	-0.31	0.00	0.31	506.62	253.31	150.95	74.55	38.31	-2.11	0.005
168.50	-0.29	-0.13	0.00	-0.25	0.00	0.25	506.62	253.31	150.95	74.55	38.53	-2.11	0.004
169.00	-0.26	-0.13	0.00	-0.18	0.00	0.18	506.62	253.31	150.95	74.55	38.75	-2.11	0.003
169.50	-0.23	-0.12	0.00	-0.12	0.00	0.12	506.62	253.31	150.95	74.55	38.97	-2.12	0.002
170.00	-0.16	-0.03	0.00	-0.06	0.00	0.06	506.62	253.31	150.95	74.55	39.19	-2.12	0.001
170.50	-0.14	-0.03	0.00	-0.04	0.00	0.04	506.62	253.31	150.95	74.55	39.41	-2.12	0.001
171.00	-0.11	-0.02	0.00	-0.03	0.00	0.03	506.62	253.31	150.95	74.55	39.63	-2.12	0.001
171.50	-0.08	-0.02	0.00	-0.02	0.00	0.02	506.62	253.31	150.95	74.55	39.86	-2.12	0.000
172.00	-0.05	-0.01	0.00	-0.01	0.00	0.01	506.62	253.31	150.95	74.55	40.08	-2.12	0.000
172.50	-0.03	-0.01	0.00	0.00	0.00	0.00	506.62	253.31	150.95	74.55	40.30	-2.12	0.000
173.00	0.00	0.00	0.00	0.00	0.00	0.00	506.62	253.31	150.95	74.55	40.52	-2.12	0.000

Pole : 302524
 Location : Beacon Falls, CT
 Height : 173.0 (ft)
 Shape : 12 Sides
 Base Dia : 48.50 (in)
 Top Dia : 8.400 (in)
 Taper : 0.203000 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	30.34	0.00	39.00	0.00	0.00	3342.64	49.50	1.00
0.9D + 1.6W	30.34	0.00	29.25	0.00	0.00	3289.91	49.50	0.97
1.2D + 1.0Di + 1.0Wi	5.01	0.00	65.25	0.00	0.00	618.01	125.00	0.23
1.0D + 1.0W	6.20	0.00	32.50	0.00	0.00	678.88	49.50	0.21

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	48.5 in
	Pole Thickness	0.406 in
	Plate Diameter	62.71 in
	Plate Thickness	2.75 in
	Plate Fy	60 ksi
	Weld Length	0.25 in
	ϕ_s Resistance	972.23 k-in
	Applied	448.36 k-in
Stiffeners	#	0

Bolts	#	16
	Bolt Circle (R)adial / (S)quare	56.71 in R
	Diameter	2.25 in
	Hole Diameter	2.75 in
	Type	#18J
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	259.82 k
	Applied	180.79 k
Reinforcement	#	0
Extra Bolts	#	0

Code Rev. **G**

Date **12/3/2009**
 Engineer **JOEJ**
 Site # **302524**
 Carrier **Verizon**

Moment **3342.6 k-ft**
 Axial **65.2 k**

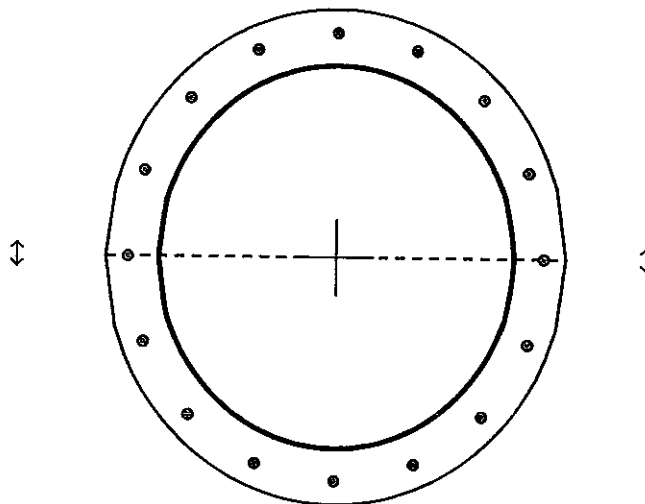


Plate Stress Ratio:
0.46 (Pass)

Bolt Stress Ratio:
0.70 (Pass)



STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

January 19, 2010

The Honorable Susan Ann Cable
First Selectman
Town of Beacon Falls
10 Maple Avenue
Beacon Falls, CT 06403

RE: **EM-VER-006-100107** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 644 Rimmon Hill Road, Beacon Falls, Connecticut.

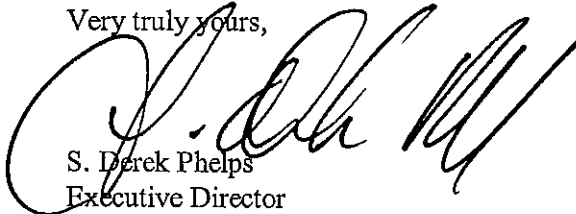
Dear First Selectman Cable:

The Connecticut Siting Council (Council) received this request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72.

If you have any questions or comments regarding this proposal, please call me or inform the Council by February 2, 2010.

Thank you for your cooperation and consideration.

Very truly yours,



S. Derek Phelps
Executive Director

SDP/jbw

Enclosure: Notice of Intent

c: Brian Herb, Zoning Enforcement Officer, Town of Beacon Falls

ROBINSON & COLE_{LLP}

KENNETH C. BALDWIN

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

ORIGINAL

February 17, 2011

RECEIVED
FEB 22 2011

CONNECTICUT
SITING COUNCIL

Michael Perrone
Siting Analyst
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Cellco Partnership d/b/a Verizon Wireless**
EM-VER-006-100107 – 644 Rimmon Hill Road, Beacon Falls,
Connecticut

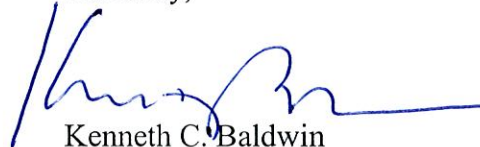
Dear Mr. Perrone:

On February 18, 2010, the Siting Council acknowledged receipt of Cellco's notice of intent to modify the above-referenced telecommunications facility. This modification involved the removal of six (6) of Cellco's existing antennas and the installation of six (6) new cellular antennas, and three (3) new LTE antennas.

In addition to the antenna modifications, Cellco now intends to install six (6) coax cable diplexers on its antenna mounting platform. Attached to this letter is an updated Structural Evaluation for the previously approved antenna modifications including the coax diplexers and a copy of the diplexer specifications. This analysis confirms that the tower can support all of Cellco's proposed modifications.

If you have any questions regarding any of these materials, please do not hesitate to contact me or Rachel Mayo.

Sincerely,



Kenneth C. Baldwin



Law Offices

BOSTON

PROVIDENCE

HARTFORD

NEW LONDON

STAMFORD

WHITE PLAINS

NEW YORK CITY

ALBANY

SARASOTA

www.rc.com

Attachment

Copy to:

Sandy M. Carter
Brian Ragozzine
Mark Gauger

10908862-v1



302524-CB
11/3/2010

AMERICAN TOWER[®]
CORPORATION

Level 1 Structural Evaluation ¹		
ATC Site Number & Name	302524, Beacon Falls	Engineering ID: 45977711
Carrier Site Number & Name	NHV29, Beacon Falls, CT	
Site Address	664 Rimmon Hill Road Seymour, CT 06483-2722, New Haven County	
Tower Description	173 ft Valmont Monopole	
Standards & Codes ²	Basic Wind Speed: 105 mph (3-Second Gust) Radial Ice: 45 mph (3-Second Gust) w/ 1" radial ice Code: TIA-222-G / 2003 IBC / 2005 Connecticut Supplements and 2008 Connecticut Amendments	

Table 1: Existing Antenna Configuration

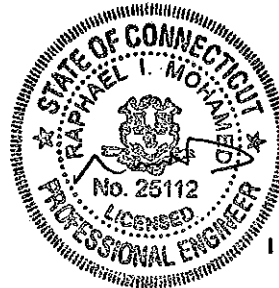
EL. (ft)	QTY	ANTENNAS	MOUNT	COAX (In.)	CARRIER
169.0	3	48" X 6" Panel	Flush	(6) 1 5/8	AT&T Mobility
157.0	6	Powerwave TT08-19DB111-001	Platform w/ Handrails	(12) 1 1/4	
	6	Powerwave P65-15-XLH-RR			
137.5	3	72" x 12" Panel	Low Profile Platform	(12) 1 5/8	Sprint Nextel
	9	48" x 12" Panel			

Table 2: Proposed Antenna Configuration

EL. (ft)	QTY	ANTENNAS	MOUNT	COAX (in)	CARRIER
146	2	Andrew LNX-6514DS-T4M	Platform w/ Handrails	(15) 1 5/8	Verizon Wireless
	6	Decibel 948F85T2E-M 2			
	6	RFS FD9R6004/2C-3L			
	6	Andrew DB844H80-XY			
	1	Powerwave P65-16-XL-4			

Proposed coax to be installed inside monopole.

The subject tower and foundation *are adequate* to support the above stated loads in conformance with specified requirements. ³



11/4/2010

I hereby certify that this engineering document was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Connecticut.

¹ The existing and proposed loads of Table 1 and Table 2 are compared to the tower's current design capacity or previous analysis.

² The design wind criteria are compared to the current code requirements.

³ The tower should be re-evaluated as future loads are added or if actual loads are found different from those mentioned in the above tables.



ShareLite Wideband Diplexer – In-line 698-960 MHz/1710-2200 MHz, DC pass in high frequency path

Product Description

The ShareLite FD9R6004 Series of diplexers are designed to enable feeder sharing between systems in the 698-960 MHz range and in the 1710-2200 MHz range. The diplexer is equipped with in-line connector placement so it can be installed in the BTS cabinet or at the tower top. This is especially valuable in crowded sites or when the feeders are not easily accessible. Due to its wideband design, the FD9R6004 Series can accommodate many combining solutions between 698-960 MHz and 1710-2200 MHz systems such as LTE 700 MHz, Cellular 800 MHz with PCS, GSM900 with GSM1800, or GSM900 with UMTS. This diplexer features a highly selective filter. It provides a high level of isolation between ports, while keeping the insertion loss on both paths at an extremely low level. The FD9R6004 diplexers are available with various DC pass options, helpful in configurations with or without the Tower Mount Amplifiers installed.



Features/Benefits

- LTE ready design
- Extremely Low Insertion Loss
- High level of Rejection between bands – Protection against interferences
- Extremely High Power Handling Capability
- Integrated DC block/bypass versions available
- Very compact & small size design – Easy installation and reduced tower load
- In-line long-neck connectors for easy connection & waterproofing
- Exceptional reliability & environmental protection (IP 67)
- Equipped with 1 * Breathable Vent – Prevent any humidity inside the product
- Mounting hardware for Wall and Pole mount provided (P/N SEM2-1A)
- Grounding already provided through the mounting bracket
- Kit available for easy dual mount

Technical Specifications

Product Type	Diplexer/Cross Band Coupler
Frequency Band, MHz	698-2200
Configuration	Sharelite Single diplexer, outdoor, DC pass in the 1710-2170MHz path, with mounting hardware SEM2-1A
Mounting	Wall Mounting: With 4 screws (maximum 6mm diameter); Pole Mounting: With included clamp set 40-110mm (1.57-4.33)
Frequency Range Low Frequency Path, MHz	698-960
Frequency Range High Frequency Path, MHz	1710-2200
Return Loss All Ports Min/Typ, dB	19/23
Power Handling Continuous, Max, W	1250 at common port; 750 in low frequency path & 500 in high frequency path
Power Handling Peak, Max, W	15000 in low frequency path & 8000 in high frequency path
Impedance, Ohms	50
Insertion Loss 698-960 MHz Path, Typ, dB	0.07
Insertion Loss 1710-2200MHz path, Typ, dB	0.13
Rejection Between Bands Min/Typ, dB	58/64@698-960MHz; 60/70@1710-2200MHz
IMP Level at the COM Port, Typ, dBm	-112 @ 2x43
DC Pass in Low Frequency Path	No
DC Pass in High Frequency Path	Yes
Temperature Range, °C (°F)	-40 to +60 (-40 to +140)
Environmental	ETSI 300-019-2-4 Class 4.1E
Ingress Protection	IP 67
Lightning Protection	EN/IEC61000-4-5 Level 4
Connectors	In-line long-neck 7-16-Female
Weight, kg (lb)	1.2 (2.6)
Shipping Weight, kg (lb)	3.2 (7) for 2 * single units in 1 * box, 9.8 (21.6) for 6 * units = 3 * Boxes in 1 * overwrap
Application	LTE 700MHz, GSM900/3G/UMTS, GSM900/GSM1800, Cellular 800/PCS
Dimensions, H x W x D, mm (in)	147 x 164 x 37 (5.8 x 6.5 x 1.5)
Shipping Dimensions, H x W x D, mm (in)	254 x 406 x 82 (10 x 16 x 3.2) for 2 * Single Units in 1 * box, 280 x 406 x 241 (11 x 16 x 9.5) for 6 * units = 3 * Boxes in 1 * overwrap
Volume, L	0.43
Housing	Aluminum

Notes

RFS The Clear Choice ®

FD9R6004/2C-3L

Rev: --

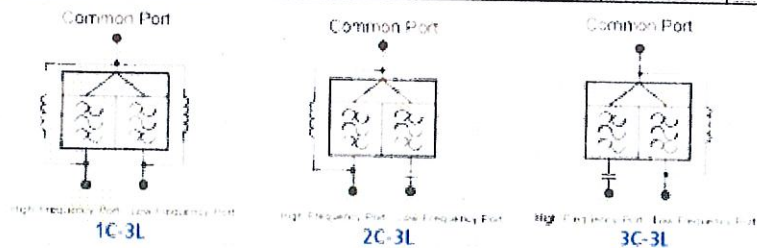
Print Date: 28.01.2011

Please visit us on the internet at <http://www.rfsworld.com/>

Radio Frequency Systems

ShareLite Wideband Diplexer – In-line 698-960 MHz/1710-2200 MHz, DC pass in high frequency path

Selection Guide Diplexer 698-960 / 1710-2200MHz					
	Model Number	Full DC Pass	DC Pass High Band	DC Pass Low Band	Mounting Hardware Included
Single	FD9R6004/1C-3L				X
	FD9R6004/2C-3L				X
	FD9R6004/3C-3L				X
Dual	KIT-FD9R6004/1C-DL				X
	KIT-FD9R6004/2C-DL				X
	KIT-FD9R6004/3C-DL				X



The FD9R6004 Series is upgradeable to a Dual Diplexer kit by means of 2 diplexers and mounting hardware kits SEM2-1A and SEM2-3

Mounting Hardware and Ground Cable Ordering Information		
Model Number	Description	
SEM2-1A	Mounting Hardware, Pole mount ø40-110mm (Included with the Single and Dual Diplexer) Wall Screws M6 (Not included with the product)	
SEM2-3	Assembly kit for 2 pcs of FT9DW/xC-3L (Can be ordered separately but included with the Dual Diplexer Kit)	
CA020-2	Ground Cable, 2m, includes lugs (Optional)	
CA030-2	Ground Cable, 2m, includes lugs (Optional)	
SEM6	Mounting Hardware for 6 Diplexers, Tower Base (Optional)	



Daniel F. Caruso
Chairman

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

February 18, 2010

Kenneth C. Baldwin, Esq.
Robinson & Cole LLP
280 Trumbull Street
Hartford, CT 06103-3597

RE: **EM-VER-006-100107** - Cellco Partnership d/b/a Verizon Wireless notice of intent to modify an existing telecommunications facility located at 644 Rimmon Hill Road, Beacon Falls, Connecticut.

Dear Attorney Baldwin:

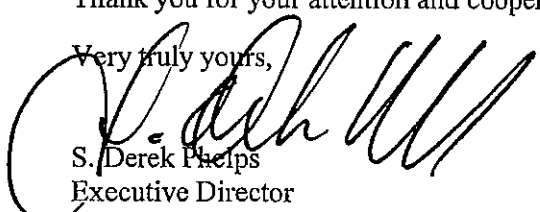
The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies.

The proposed modifications are to be implemented as specified here and in your notice dated January 7, 2010, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,


S. Derek Phelps
Executive Director

SDP/MP/laf

c: The Honorable Susan Ann Cable, First Selectman, Town of Beacon Falls
Brian Herb, Zoning Enforcement Officer, Town of Beacon Falls
American Tower Corporation

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

ORIGINAL

April 27, 2011

Linda Roberts
Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

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APR 29 2011

CONNECTICUT
SITING COUNCIL

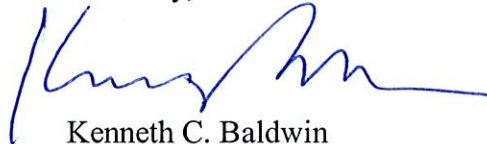
Re: **Notice of Completion of Construction Activity**
EM-VER-006-100107 – 664 Rimmon Hill Road, Beacon Falls, CT
EM-VER-025-091218 – 705 West Johnson Road, Cheshire, CT

Dear Ms. Roberts:

The purpose of this letter is to notify you and the Council that construction activity associated with the above-referenced facility modifications has been completed.

If you have any questions or need any additional information regarding any of these facilities, please do not hesitate to contact me.

Sincerely,



Kenneth C. Baldwin



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