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Also admitted in Massachusetts

February 26, 2014

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

Re: **Notice of Exempt Modification – Antenna Swap  
15 Oakdale Avenue, Winsted, Connecticut**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains twelve (12) wireless telecommunications antennas at the 125-foot level on an existing 180-foot tower at 15 Oakdale Avenue in Winsted, Connecticut (the “Property”). The tower is owned by American Tower Corporation. The Council approved Cellco’s shared use of this tower in 2003. Cellco now intends to replace one (1) of its antennas with one (1) model BXA-70040-6CF, 700 MHz antenna at the same 125-foot level. Included in Attachment 1 are the specifications for the replacement antenna.

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 Lisa R. Smith, Mayor of the Town of Winchester. A copy of this letter is also being sent to William P. and Richard D. Stow, the owners of the Property.

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 an increase in the height of the existing tower. Cellco’s replacement antenna will be located at the 125-foot level on the 180-foot tower.



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Melanie A. Bachman

February 26, 2014

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2. The proposed modifications will not involve any change to ground-mounted equipment and, therefore, will not require the extension of the site boundary.

3. The proposed modifications will not increase noise levels at the facility by six decibels or more, or to levels that exceed state and local criteria.

4. The operation of the replacement antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) adopted safety standard. A worst-case cumulative General Power Density table with Cellco's modified antennas is included in Attachment 2.

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

6. The tower and its foundation can support Cellco's proposed modifications. (See Structural Analysis Report included in Attachment 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:

Lisa R. Smith, Winchester Mayor

William P. and Richard D. Stow

Sandy M. Carter



# **ATTACHMENT 1**

## BXA-70040-6CF-EDIN-X

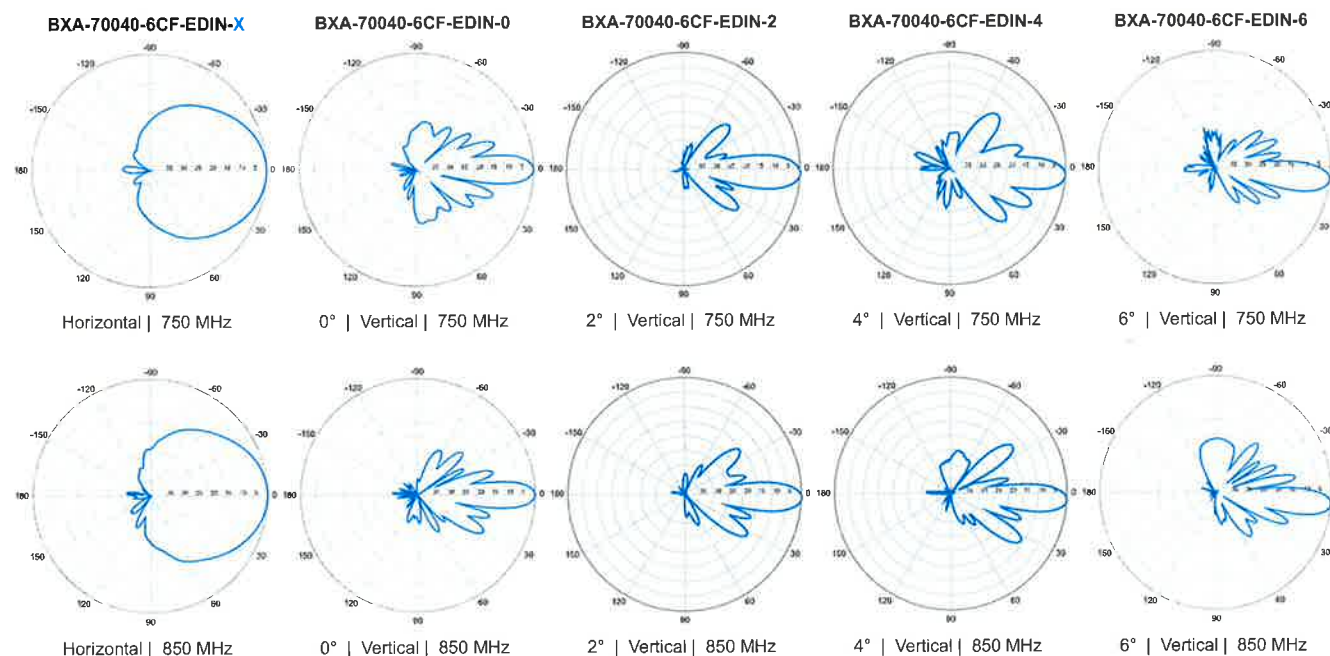
X-Pol | FET Panel | 40° | 16.0 dBd

Replace \*X\* with desired electrical downtilt.

Antenna is also available with NE connector(s). Replace 'EDIN' with 'NE' in the model number when ordering.



Electrical Characteristics	696-900 MHz		
Frequency bands	696-806 MHz	806-900 MHz	
Polarization	±45°		
Horizontal beamwidth	42°	40°	
Vertical beamwidth	12°	10°	
Gain	15.5 dBd (17.6 dBi)	16.0 dBd (18.1 dBi)	
Electrical downtilt (X)	0, 2, 4, 6, 8, 10		
Impedance	50Ω		
VSWR	≤1.35:1		
Upper sidelobe suppression (0°)	-12.1 dB	-13.4 dB	
Front-to-back ratio (+/-30°)	-35.8 dB	-38.0 dB	
Null fill	5% (-26.02 dB)		
Isolation between ports	< -25 dB		
Input power with EDIN connectors	500 W		
Input power with NE connectors	300 W		
Lightning protection	Direct Ground		
Connector(s)	2 Ports / EDIN or NE / Female / Center (Back)		
Mechanical Characteristics			
Dimensions Length x Width x Depth	1806 x 606 x 200 mm	71.1 x 23.9 x 7.9 in	
Depth with z-brackets	240 mm	9.4 in	
Weight without mounting brackets	17 kg	38 lbs	
Survival wind speed	> 201 km/hr		
Wind area	Front: 1.09 m <sup>2</sup> Side: 0.36 m <sup>2</sup>	Front: 11.8 ft <sup>2</sup> Side: 3.9 ft <sup>2</sup>	
Wind load @ 161 km/hr (100 mph)	Front: 1564 N Side: 547 N	Front: 350 lbf Side: 123 lbf	
Mounting Options	Part Number	Fits Pipe Diameter	Weight
3-Point Mounting & Downtilt Bracket Kit	36210008	40-115 mm 1.57-4.5 in	6.9 kg 15.2 lbs
Concealment Configurations	This model cannot be used in a standard FP concealment configuration		



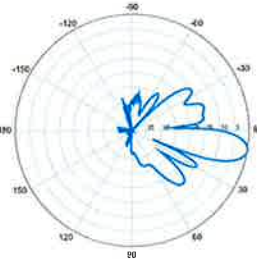
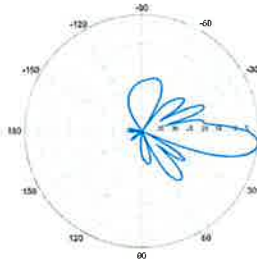
Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.

# BXA-70040-6CF-EDIN-X

X-Pol | FET Panel | 40° | 16.0 dBd

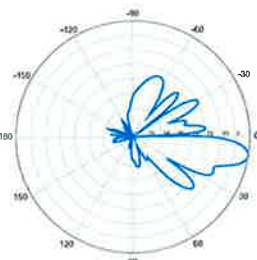
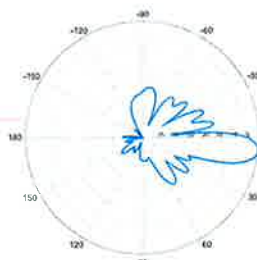
BXA-70040-6CF-EDIN-8

BXA-70040-6CF-EDIN-10



8° | Vertical | 750 MHz

10° | Vertical | 750 MHz



8° | Vertical | 850 MHz

10° | Vertical | 850 MHz

Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product. Improvements to product may be made without notice.

# **ATTACHMENT 2**

		General		Power		Density							
Site Name: Winchester E (Winsted)													
Tower Height: Verizon @ 125t													
CARRIER	# OF CHAN.	WATTS ERP	HEIGHT	CALC. POWER DENS	FREQ.	MAX. PERMISS. EXP.	FRACTION MPE	Total					
*AT&T UMTS	2	565	147	0.0188	880	0.5867	3.21%						
*AT&T UMTS	2	875	147	0.0291	1900	1.0000	2.91%						
*AT&T GSM	1	283	147	0.0047	880	0.5867	0.80%						
*AT&T GSM	4	525	147	0.0349	1900	1.0000	3.49%						
*AT&T LTE	1	1313	147	0.0218	734	0.4893	4.46%						
*Pocket (now MetroPCS)	3	631	105	0.0617	2130	1.0000	6.17%						
*T-Mobile	8	145	166	0.0151	1945	1.0000	1.51%						
*CTPD	2	1080	160	0.0303	866	0.5773	5.25%						
*Sprint CDMA/LTE	4	778	131	0.0652	1900	1.0000	6.52%						
*Sprint CDMA/LTE	1	438	131	0.0092	850	0.5667	1.62%						
*Nextel	9	100	115	0.0245	851	0.5673	4.31%						
*Northeast Utilities	2	120	91	0.0104	939	0.6260	1.66%						
<b>Verizon</b>	<b>11</b>	<b>433</b>	<b>125</b>	<b>0.1096</b>	<b>1970</b>	<b>1.0000</b>	<b>10.96%</b>						
<b>Verizon</b>	<b>9</b>	<b>400</b>	<b>125</b>	<b>0.0828</b>	<b>869</b>	<b>0.5793</b>	<b>14.30%</b>						
<b>Verizon</b>	<b>0</b>	<b>1750</b>	<b>125</b>	<b>0.0000</b>	<b>2145</b>	<b>1.0000</b>	<b>0.00%</b>						
<b>Verizon</b>	<b>1</b>	<b>1050</b>	<b>125</b>	<b>0.0242</b>	<b>698</b>	<b>0.4973</b>	<b>4.86%</b>						
								<b>72.06%</b>					
* Source: Siting Council													

# **ATTACHMENT 3**





**AMERICAN TOWER®**  
CORPORATION

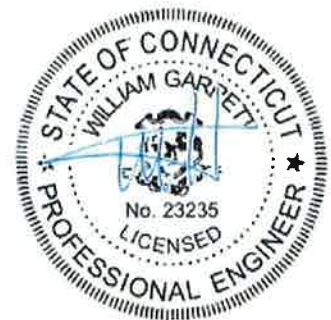
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## Structural Analysis Report

**Structure** : 180 ft Monopole  
**ATC Site Name** : Winchester CT 3, CT  
**ATC Site Number** : 302506  
**Engineering Number** : 54519923  
**Proposed Carrier** : Verizon  
**Carrier Site Name** : Winchester  
**Carrier Site Number** : N/A  
**Site Location** : 15 Oakdale Avenue  
Winsted, CT 06098-1862  
41.921694,-73.049500  
**County** : Litchfield  
**Date** : January 7, 2014  
**Max Usage** : 96%  
**Result** : Pass

Andrew D. Vargo, E.I.

*Andrew Vargo*



Jan 8 2014 11:50 AM



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## Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 180 ft monopole to reflect the change in loading by Verizon.

## Supporting Documents

<b>Tower Drawings</b>	EI Job #7676, dated August 21, 2000
<b>Foundation Drawing</b>	SNET Project #F301804.10/F04, dated August 23, 2000
<b>Geotechnical Report</b>	Wolti Project: Whalen's Hill, dated February 8, 2000
<b>Modifications</b>	ATC Job #42523432, dated October 24, 2008 ATC Job #50492933, dated October 15, 2012

## Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/EIA-222.

<b>Basic Wind Speed:</b>	80 mph (Fastest Mile)
<b>Basic Wind Speed w/ Ice:</b>	69 mph (Fastest Mile)w/ 1/2" radial ice concurrent
<b>Code:</b>	ANSI/TIA/EIA-222-F / 2003 IBC , Sec. 1609.1.1, Exception (4) & Sec. 3108.4 w/ 2005 CT Supplement & 2009 CT Amendment

## Conclusion

Based on the analysis results, the structure meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

If you have any questions or require additional information, please contact American Tower via email at [Engineering@americantower.com](mailto:Engineering@americantower.com). Please include the American Tower site name, site number, and engineering number in the subject line for any questions.



**Existing and Reserved Equipment**

Mount Elev. <sup>1</sup> (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
180.0	6	Powerwave Allgon LGP21401	Low Profile Platform	(12) 1 5/8" Coax (2) 0.78" 8 AWG 6 (1) 0.40" Fiber (1) 3" Conduit	AT&T Mobility
	6	Powerwave Allgon 7770.00			
	6	Ericsson RRUS 11			
	1	Andrew ABT-DMDF-ADBH			
	3	KMW AM-X-CD-16-65-00T-RET			
	1	10' Omni		(1) 7/8" Coax	USA Mobility
166.0	6	CCI DTMA-1819-DD-12	T-Arms	(18) 1 5/8" Coax	T-Mobile
	9	RFS APX16PV-16PVL-E-00			
150.0	1	Sinclair SD210C2-SF2P4SNM	Side Arm	(1) 1 5/8" Coax	Litchfield County Dispatch
140.0	1	Telewave ANT150D	Side Arms	(6) 1 5/8" Coax (2) 1/2" Coax (2) 3/8" Coax (1) 7/8" Coax	CT Police Dept.
	1	Sinclair SC432D-HF6LDF (I40-G0			
	3	Decibel DB809K-XT			
	2	Bird 432-83H-01-T			
134.0	3	RFS APXVSP18-C-A20	Platform w/ Handrails	(6) 1 5/8" Coax (3) 1 1/4" Hybriflex	Sprint Nextel
	6	Andrew DB980H90E-M			
132.0	3	Alcatel-Lucent 1900MHz RRH	Platform w/ Handrails	-	Sprint Nextel
	3	Alcatel-Lucent 800 MHz RRH w/ Notch Filter			
125.0	4	Antel LPA-80080/6CF	Low Profile Platform	(12) 1 5/8" Coax	Verizon
	2	Amphenol Antel BXA-70063/6CF-EDIN-2			
	2	Amphenol Antel BXA-171085-12BF-EDIN-X			
	1	Amphenol Antel BXA-171063-12BF-EDIN-X			
	6	RFS FD9R6004/2C-3L			
	2	Antel LPA-80063/6CF			
114.5	12	Decibel DB844H90E-XY	Low Profile Platform	(12) 1 1/4" Coax	Sprint Nextel
105.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	Metro PCS
95.0	1	Bird 429-83H-01-T	Side Arms	(2) 7/8" Coax (1) 1/2" Coax	Connecticut Light & Power CO.
	2	Andrew DB586			
78.0	1	PCTEL GPS-TMG-HR-26N	Flush	(1) 1/2" Coax	Sprint Nextel
30.0	1	GPS	Flush	(1) 7/8" Coax	Verizon

**Proposed Equipment**

Elevation <sup>1</sup> (ft)		Qty.	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
125.0	125.0	1	Amphenol Antel BXA-70040/6CF	Low Profile Platform	-	Verizon

<sup>1</sup>Mount elevation is defined as height above bottom of steel structure to the bottom of mount, RAD elevation is defined as center of antenna above ground level (AGL).



**Structure Usages**

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	79%	Pass
Shaft	96%	Pass
Base Plate	25%	Pass
Reinforcement	83%	Pass

**Foundations**

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	4,219.5
Axial (Kips)	68.0
Shear (Kips)	36.0

The structure base reactions resulting from this analysis were found to be acceptable through analysis based on geotechnical and foundation information, therefore no modification or reinforcement of the foundation will be required.

**Deflection and Sway\***

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
125.0	2.093	2.127

\*Deflection and Sway was evaluated considering a design wind speed of 50 mph (Fastest Mile) per ANSI/TIA/EIA-222-F.



## 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:

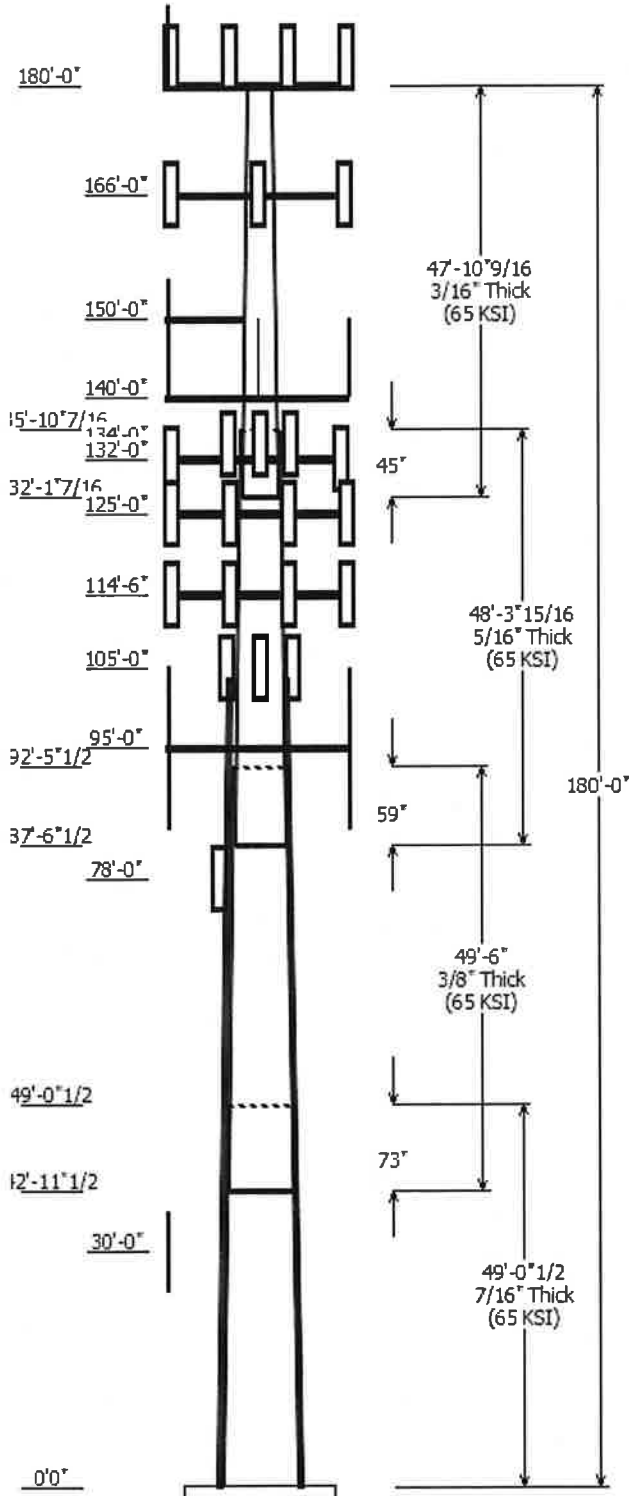
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

It is the responsibility of the client to ensure that the information provided to ATC Tower Services, Inc. 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 that their capacity has not significantly changed from the "as new" condition.

Unless explicitly agreed by both the client and American Tower Corporation, all services will be performed in accordance with the current revision of ANSI/TIA -222. The design basic wind speed will be determined based on the minimum basic wind speed as prescribed in ANSI/TIA-222. Although every effort is taken to ensure that the loading considered is adequate to meet the requirements of all applicable regulatory entities, we can provide no assurance to meet any other local and state codes or requirements. 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.

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

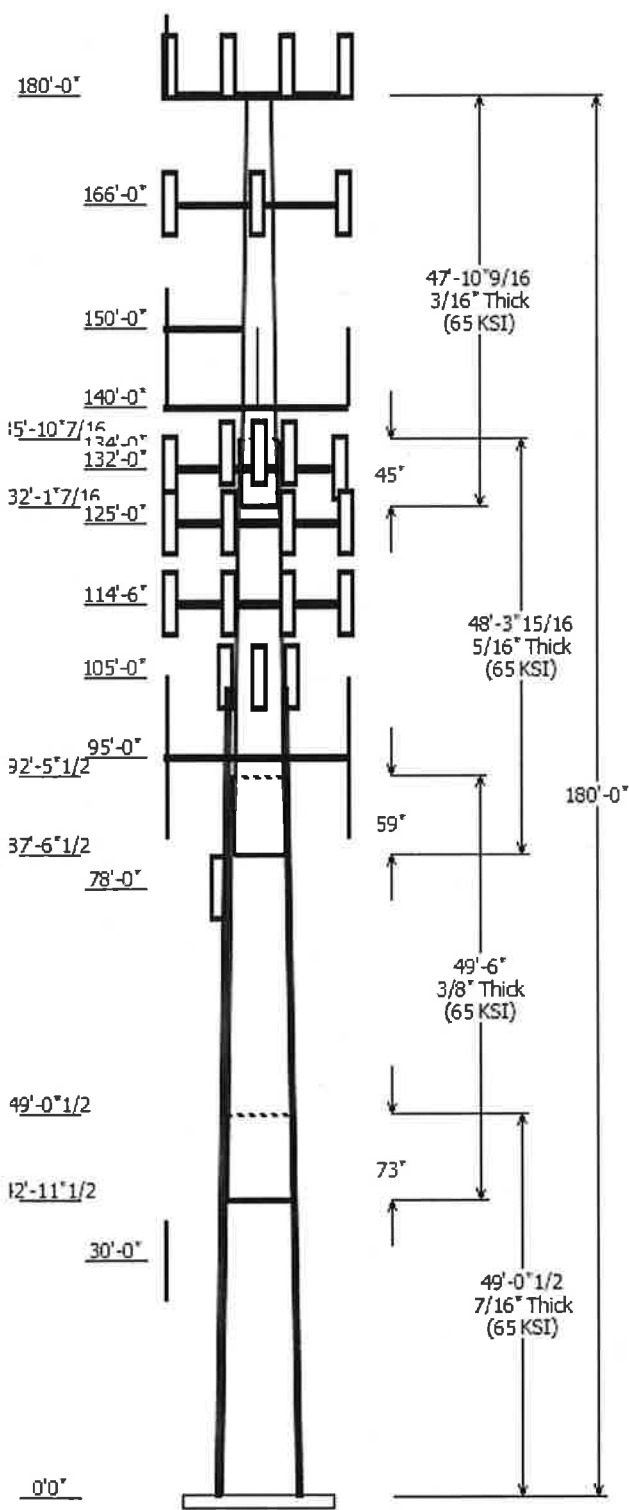
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Job Information	
Pole :	302506
Code:	TIA/EIA-222 Rev F
Description :	180 ft EE Monopole
Client :	Verizon Wireless
Location :	Winchester CT 3, CT
Shape :	18 Sides
Height :	180.00 (ft)
Base Elev (ft):	0.00
Taper:	0.21944(in/ft)

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in)	Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
		Across Top	Flats Bottom					
1	49.040	41.98	52.75	0.438		0.000	0.219444	65
2	49.500	33.21	44.07	0.375	Slip Joint	73.000	0.219444	65
3	48.330	24.30	34.91	0.313	Slip Joint	59.000	0.219444	65
4	47.880	15.00	25.50	0.188	Slip Joint	45.000	0.219444	65

Discrete Appurtenance				
Attach Elev (ft)	Force Elev (ft)	Qty	Description	
180.000	190.000	1	10' Omni	
180.000	184.000	3	KMW AM-X-CD-16-65-00T-RET	
180.000	184.000	1	Andrew ABT-DMDF-ADBH	
180.000	184.000	6	Ericsson RRUS 11	
180.000	184.000	6	Powerwave Allgon 7770.00	
180.000	184.000	6	Powerwave Allgon LGP21401	
180.000	180.000	1	Flat Low Profile Platform	
166.000	166.000	9	RFS APX16PV-16PVL-E-00	
166.000	166.000	6	CCI DTMA-1819-DD-12	
166.000	166.000	3	Round T-Arm	
150.000	150.000	1	Sinclair SD210C2-SF2P4SNM	
150.000	150.000	1	Round Side Arm	
140.000	140.000	2	Bird 432-83H-01-T	
140.000	146.000	3	Decibel DB809K-XT	
140.000	147.000	1	Sinclair SC432D-HF6LDF (I40-G0	
140.000	142.000	1	Telewave ANT150D	
140.000	140.000	3	Round Side Arm	
134.000	134.000	6	Andrew DB980H90E-M	
134.000	134.000	3	RFS APXV SPP18-C-A20	
132.000	132.000	1	Flat Platform w/ Handrails	
132.000	132.000	3	Alcatel-Lucent 800 MHz RRH w/	
132.000	132.000	3	Alcatel-Lucent 1900MHz RRH	
125.000	125.000	2	Antel LPA-80063/6CF	
125.000	125.000	1	Amphenol Antel BXA-	
125.000	125.000	6	RFS FD9R6004/2C-3L	
125.000	125.000	1	A Antel BXA-171063-12BF-EDIN-	
125.000	125.000	2	A Antel BXA-171085-12BF-EDIN-	
125.000	125.000	2	Amp Antel BXA-70063/6CF-	
125.000	125.000	1	Round Low Profile Platform	
125.000	125.000	4	Antel LPA-80080/6CF	
114.500	114.500	1	Round Low Profile Platform	
114.500	114.500	12	Decibel DB844H90E-XY	
105.000	105.000	3	RFS APXV 18-206517S-C	
95.000	93.000	1	Andrew DB586	
95.000	97.000	1	Andrew DB586	
95.000	95.000	1	Bird 429-83H-01-T	
95.000	95.000	3	Flat Side Arm	
78.000	78.000	1	PCTEL GPS-TMG-HR-26N	
30.000	30.000	1	GPS	



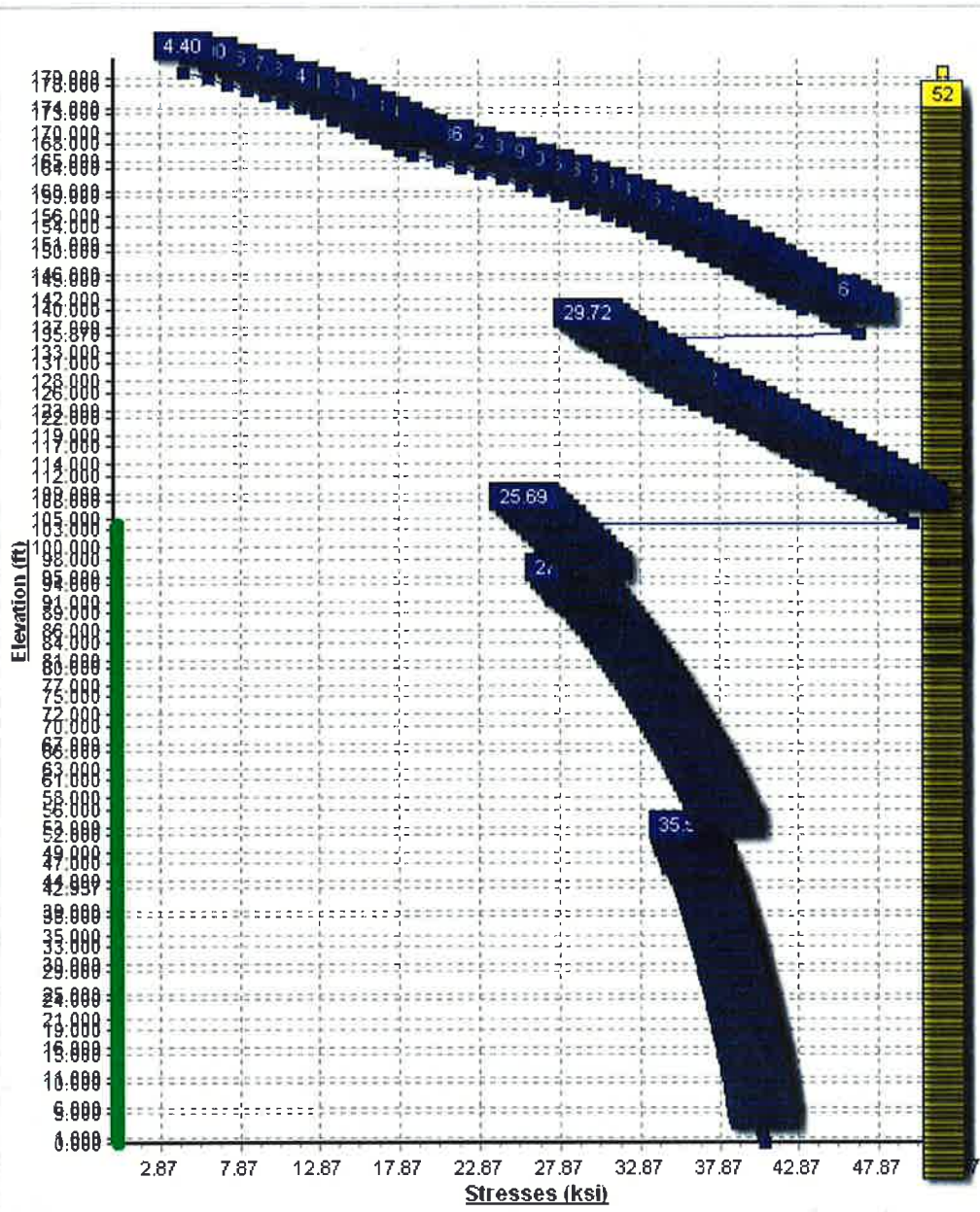
Linear Appurtenance			
Elev (ft)		Description	Exposed To Wind
From	To		
0.000	30.000	7/8" Coax	Yes
0.000	78.000	1/2" Coax	No
0.000	95.000	1/2" Coax	No
0.000	95.000	7/8" Coax	No
0.000	105.0	1 5/8" Coax	Yes
0.000	112.5	Reinforcement	Yes
0.000	114.5	1 1/4" Coax	Yes
0.000	125.0	1 5/8" Coax	Yes
0.000	134.0	1 1/4" Hybriflex	No
0.000	134.0	1 5/8" Coax	No
0.000	140.0	1 5/8" Coax	No
0.000	140.0	1/2" Coax	No
0.000	140.0	3/8" Coax	No
0.000	140.0	7/8" Coax	No
0.000	150.0	1 5/8" Coax	No
0.000	166.0	1 5/8" Coax	Yes
0.000	166.0	1 5/8" Coax	No
0.000	180.0	0.40" Fiber Cable	No
0.000	180.0	0.78" 8 AWG 6	No
0.000	180.0	1 5/8" Coax	No
0.000	180.0	3" Conduit	No
0.000	180.0	7/8" Coax	No

Load Cases	
No Ice	80.00 mph Wind with No Ice
Ice	69.28 mph Wind with Ice
Twist/Sway	50.00 mph Wind with No Ice

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
No Ice	4219.56	35.96	52.92
Ice	3691.35	30.25	68.00
Twist/Sway	1650.52	14.04	52.93

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
	0.00	0.000	0.000



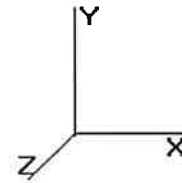


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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 Page : 1

**Shaft Section Properties**

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom						Top							
							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	Taper (in/ft)	
1-18	49.040	0.4375	65		0.00	10,875	52.75	0.00	72.64	25115.3	19.85	120.57	41.98	49.04	57.70	12585.4	15.51	95.97	0.219444	
2-18	49.500	0.3750	65	Slip	73.00	7,672	44.07	42.96	52.01	12548.0	19.31	117.53	33.21	92.46	39.08	5323.8	14.21	88.56	0.219444	
3-18	48.330	0.3125	65	Slip	59.00	4,779	34.91	87.54	34.32	5191.7	18.29	111.73	24.30	135.87	23.80	1731.6	12.31	77.79	0.219444	
4-18	47.880	0.1875	65	Slip	45.00	1,946	25.50	132.12	15.07	1220.4	22.58	136.04	15.00	180.00	8.81	244.4	12.70	80.00	0.219444	
Shaft Weight						25,271														

**Discrete Appurtenance Properties**

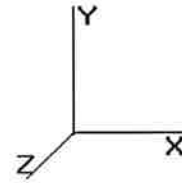
Attach Elev (ft)	Description	Qty	No Ice			Ice			Distance From Face (ft)	Vert Ecc (ft)
			Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor		
180.00	10' Omni	1	25.00	3.000	1.00	25.00	4.000	1.00	0.000	10.000
180.00	Andrew ABT-D MDF-ADBH	1	1.10	0.050	0.50	1.80	0.110	0.50	0.000	4.000
180.00	Ericsson RRUS 11	6	50.00	2.990	0.67	69.90	3.340	0.67	0.000	4.000
180.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000
180.00	KMW AM-X-CD-16-65-00T-	3	48.50	8.260	0.66	95.00	9.080	0.66	0.000	4.000
180.00	Powerwave Allgon 7770.00	6	35.00	5.880	0.64	67.63	6.530	0.64	0.000	4.000
180.00	Powerwave Allgon LGP21401	6	14.10	1.290	0.33	21.26	1.530	0.33	0.000	4.000
166.00	CCI DTMA-1819-DD-12	6	14.30	0.710	0.33	19.30	0.900	0.33	0.000	0.000
166.00	RFS APX16PV-16PVL-E-00	9	39.60	6.650	0.65	70.65	7.298	0.65	0.000	0.000
166.00	Round T-Arm	3	250.00	9.700	0.67	314.00	12.100	0.67	0.000	0.000
150.00	Round Side Arm	1	150.00	5.200	0.67	175.00	5.900	0.67	0.000	0.000
150.00	Sinclair SD210C2-SF2P4SNM	1	8.30	1.370	1.00	39.80	4.400	1.00	0.000	0.000
140.00	Bird 432-83H-01-T	2	25.00	1.630	0.33	29.20	1.290	0.33	0.000	0.000
140.00	Decibel DB809K-XT	3	30.00	3.660	1.00	64.00	4.920	1.00	0.000	6.000
140.00	Round Side Arm	3	150.00	5.200	0.67	175.00	5.900	0.67	0.000	0.000
140.00	Sinclair SC432D-HF6LDF (140-	1	34.00	5.030	1.00	86.00	6.520	1.00	0.000	7.000
140.00	Telewave ANT150D	1	5.00	1.090	1.00	38.90	4.620	1.00	0.000	2.000
134.00	Andrew DB980H90E-M	6	8.50	3.900	0.79	29.47	4.470	0.79	0.000	0.000
134.00	RFS APXVSP18-C-A20	3	57.00	8.260	0.68	106.50	9.080	0.68	0.000	0.000
132.00	Alcatel-Lucent 1900MHz RRH	3	44.00	3.800	0.67	75.20	4.200	0.67	0.000	0.000
132.00	Alcatel-Lucent 800 MHz RRH	3	61.80	2.910	0.67	87.80	3.260	0.67	0.000	0.000
132.00	Flat Platform w/ Handrails	1	2000.00	42.400	1.00	2,450.00	48.400	1.00	0.000	0.000
125.00	A Antel BXA-171063-12BF-	1	15.00	4.730	0.88	42.40	5.460	0.88	0.000	0.000
125.00	A Antel BXA-171085-12BF-	2	15.00	4.730	0.82	42.40	5.450	0.82	0.000	0.000
125.00	Amp Antel BXA-70063/6CF-	2	17.00	7.730	0.65	58.00	8.540	0.65	0.000	0.000
125.00	Amphenol Antel BXA-	1	37.50	16.310	1.00	119.40	17.240	1.00	0.000	0.000
125.00	Antel LPA-80063/6CF	2	27.00	10.340	0.91	101.00	11.180	0.91	0.000	0.000
125.00	Antel LPA-80080/6CF	4	21.00	9.100	0.74	50.00	9.930	0.74	0.000	0.000
125.00	RFS FD9R6004/2C-3L	6	3.10	0.360	0.50	5.40	0.500	0.50	0.000	0.000
125.00	Round Low Profile Platform	1	1500.00	21.700	1.00	1,700.00	27.200	1.00	0.000	0.000
114.50	Decibel DB844H90E-XY	12	14.00	3.730	0.91	40.30	4.290	0.91	0.000	0.000
114.50	Round Low Profile Platform	1	1500.00	21.700	1.00	1,700.00	27.200	1.00	0.000	0.000
105.00	RFS APXV18-206517S-C	3	26.40	5.160	0.80	53.13	5.850	0.80	0.000	0.000
95.00	Andrew DB586	1	8.30	0.740	1.00	0.00	1.230	1.00	0.000	2.000
95.00	Andrew DB586	1	8.30	0.740	1.00	0.00	1.230	1.00	0.000	-2.000
95.00	Bird 429-83H-01-T	1	20.00	1.050	0.33	29.20	1.290	0.33	0.000	0.000
95.00	Flat Side Arm	3	150.00	6.300	0.67	230.00	7.000	0.67	0.000	0.000
78.00	PCTEL GPS-TMG-HR-26N	1	0.60	0.090	1.00	1.90	0.140	1.00	0.000	0.000
30.00	GPS	1	10.00	1.000	1.00	18.24	1.210	1.00	0.000	0.000
Totals		113	10802.60			14,787.89			Number of Loadings :	39

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Linear Appurtenance Properties**

Elev From (ft)	Elev To (ft)	Description	— No Ice —		— Ice —		Exposed To Wind
			Weight (lb/ft)	CaAa (sf/ft)	Weight (lb/ft)	CaAa (sf/ft)	
0.00	180.00	(1) 0.40" Fiber Cable	0.09	0.00	0.00	0.00	N
0.00	180.00	(2) 0.78" 8 AWG 6	0.59	0.00	0.00	0.00	N
0.00	180.00	(12) 1 5/8" Coax	9.84	0.00	0.00	0.00	N
0.00	180.00	(1) 3" Conduit	7.58	0.00	0.00	0.00	N
0.00	180.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	N
0.00	166.00	(12) 1 5/8" Coax	14.76	0.30	42.03	0.60	Y
0.00	166.00	(6) 1 5/8" Coax	0.82	0.00	0.00	0.00	N
0.00	150.00	(1) 1 5/8" Coax	0.82	0.00	0.00	0.00	N
0.00	140.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	N
0.00	140.00	(2) 1/2" Coax	0.15	0.00	0.00	0.00	N
0.00	140.00	(2) 3/8" Coax	0.16	0.00	0.00	0.00	N
0.00	140.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	N
0.00	134.00	(3) 1 1/4" Hybriflex	3.00	0.00	0.00	0.00	N
0.00	134.00	(6) 1 5/8" Coax	0.82	0.00	0.00	0.00	N
0.00	125.00	(12) 1 5/8" Coax	8.90	0.30	42.03	0.60	Y
0.00	114.50	(12) 1 1/4" Coax	7.56	0.00	0.00	0.00	Y
0.00	112.50	(1) Reinforcement	0.00	0.60	0.00	0.00	Y
0.00	105.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	Y
0.00	95.00	(1) 1/2" Coax	0.15	0.00	0.00	0.00	N
0.00	95.00	(2) 7/8" Coax	0.66	0.00	0.00	0.00	N
0.00	78.00	(1) 1/2" Coax	0.15	0.00	0.00	0.00	N
0.00	30.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	Y
Total Weight			9,910.23 (lb)		12,230.73 (lb)		

**Additional Steel**

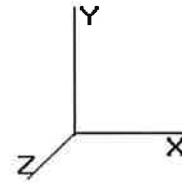
Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	— Intermediate Connections —			Connectors	Continuation?
						Description	Spacing (in)	Len (in)		
0.00	104.0	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	No

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Segment Properties** (Max Len : 1 ft)

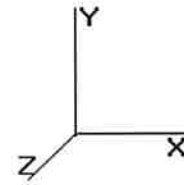
Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.4375	52.750	72.640	25,115.3	19.85	120.57	65	52	0.0	19.64	8,737	0.0
1.00		0.4375	52.531	72.335	24,800.6	19.76	120.07	65	52	246.7	19.64	8,672	66.8
2.00		0.4375	52.311	72.030	24,488.5	19.67	119.57	65	52	245.6	19.64	8,609	66.8
3.00		0.4375	52.092	71.726	24,179.0	19.58	119.07	65	52	244.6	19.64	8,545	66.8
4.00		0.4375	51.872	71.421	23,872.2	19.50	118.57	65	52	243.5	19.64	8,481	66.8
5.00		0.4375	51.653	71.116	23,567.9	19.41	118.06	65	52	242.5	19.64	8,418	66.8
6.00		0.4375	51.433	70.812	23,266.3	19.32	117.56	65	52	241.5	19.64	8,355	66.8
7.00		0.4375	51.214	70.507	22,967.2	19.23	117.06	65	52	240.4	19.64	8,293	66.8
8.00		0.4375	50.994	70.202	22,670.7	19.14	116.56	65	52	239.4	19.64	8,230	66.8
9.00		0.4375	50.775	69.897	22,376.8	19.05	116.06	65	52	238.4	19.64	8,168	66.8
10.00		0.4375	50.556	69.593	22,085.4	18.96	115.56	65	52	237.3	19.64	8,106	66.8
11.00		0.4375	50.336	69.288	21,796.6	18.88	115.05	65	52	236.3	19.64	8,044	66.8
12.00		0.4375	50.117	68.983	21,510.2	18.79	114.55	65	52	235.3	19.64	7,983	66.8
13.00		0.4375	49.897	68.679	21,226.5	18.70	114.05	65	52	234.2	19.64	7,921	66.8
14.00		0.4375	49.678	68.374	20,945.2	18.61	113.55	65	52	233.2	19.64	7,860	66.8
15.00		0.4375	49.458	68.069	20,666.4	18.52	113.05	65	52	232.1	19.64	7,799	66.8
16.00		0.4375	49.239	67.764	20,390.1	18.43	112.55	65	52	231.1	19.64	7,739	66.8
17.00		0.4375	49.019	67.460	20,116.3	18.35	112.04	65	52	230.1	19.64	7,678	66.8
18.00		0.4375	48.800	67.155	19,844.9	18.26	111.54	65	52	229.0	19.64	7,618	66.8
19.00		0.4375	48.581	66.850	19,576.0	18.17	111.04	65	52	228.0	19.64	7,558	66.8
20.00		0.4375	48.361	66.546	19,309.5	18.08	110.54	65	52	227.0	19.64	7,499	66.8
21.00		0.4375	48.142	66.241	19,045.5	17.99	110.04	65	52	225.9	19.64	7,439	66.8
22.00		0.4375	47.922	65.936	18,783.8	17.90	109.54	65	52	224.9	19.64	7,380	66.8
23.00		0.4375	47.703	65.631	18,524.6	17.82	109.03	65	52	223.8	19.64	7,321	66.8
24.00		0.4375	47.483	65.327	18,267.8	17.73	108.53	65	52	222.8	19.64	7,263	66.8
25.00		0.4375	47.264	65.022	18,013.3	17.64	108.03	65	52	221.8	19.64	7,204	66.8
26.00		0.4375	47.044	64.717	17,761.3	17.55	107.53	65	52	220.7	19.64	7,146	66.8
27.00		0.4375	46.825	64.413	17,511.6	17.46	107.03	65	52	219.7	19.64	7,088	66.8
28.00		0.4375	46.606	64.108	17,264.2	17.37	106.53	65	52	218.7	19.64	7,030	66.8
29.00		0.4375	46.386	63.803	17,019.2	17.28	106.03	65	52	217.6	19.64	6,973	66.8
30.00		0.4375	46.167	63.498	16,776.5	17.20	105.52	65	52	216.6	19.64	6,915	66.8
31.00		0.4375	45.947	63.194	16,536.2	17.11	105.02	65	52	215.6	19.64	6,858	66.8
32.00		0.4375	45.728	62.889	16,298.1	17.02	104.52	65	52	214.5	19.64	6,802	66.8
33.00		0.4375	45.508	62.584	16,062.4	16.93	104.02	65	52	213.5	19.64	6,745	66.8
34.00		0.4375	45.289	62.280	15,828.9	16.84	103.52	65	52	212.4	19.64	6,689	66.8
35.00		0.4375	45.069	61.975	15,597.7	16.75	103.02	65	52	211.4	19.64	6,633	66.8
36.00		0.4375	44.850	61.670	15,368.7	16.67	102.51	65	52	210.4	19.64	6,577	66.8
37.00		0.4375	44.631	61.365	15,142.0	16.58	102.01	65	52	209.3	19.64	6,521	66.8
38.00		0.4375	44.411	61.061	14,917.6	16.49	101.51	65	52	208.3	19.64	6,466	66.8
39.00		0.4375	44.192	60.756	14,695.4	16.40	101.01	65	52	207.3	19.64	6,411	66.8
40.00		0.4375	43.972	60.451	14,475.4	16.31	100.51	65	52	206.2	19.64	6,356	66.8
41.00		0.4375	43.753	60.147	14,257.6	16.22	100.01	65	52	205.2	19.64	6,301	66.8
42.00		0.4375	43.533	59.842	14,042.0	16.13	99.50	65	52	204.1	19.64	6,247	66.8
42.96	Bot - Section 2	0.4375	43.323	59.550	13,837.8	16.05	99.02	65	52	194.3	19.64	6,195	63.9
43.00		0.4375	43.114	59.257	13,635.6	16.05	99.00	65	52	16.5	19.64	6,379	2.9
44.00		0.4375	43.094	59.232	13,617.3	15.96	98.50	65	52	378.6	19.64	6,324	66.8
45.00		0.4375	42.875	58.928	13,408.2	15.87	98.00	65	52	376.6	19.64	6,269	66.8
46.00		0.4375	42.656	58.623	13,201.3	15.78	97.50	65	52	374.7	19.64	6,215	66.8
47.00		0.4375	42.436	58.318	12,996.5	15.69	97.00	65	52	372.8	19.64	6,161	66.8
48.00		0.4375	42.217	58.014	12,793.9	15.60	96.50	65	52	370.9	19.64	6,107	66.8
49.00		0.4375	41.997	57.709	12,593.3	15.52	95.99	65	52	368.9	19.64	6,054	66.8
49.04	Top - Section 1	0.3750	42.738	50.421	11,432.7	18.69	113.97	65	52	14.7	19.64	6,051	2.7
50.00		0.3750	42.528	50.171	11,263.0	18.59	113.41	65	52	164.3	19.64	6,000	64.1
51.00		0.3750	42.308	49.909	11,088.0	18.48	112.82	65	52	170.3	19.64	5,947	66.8
52.00		0.3750	42.089	49.648	10,914.8	18.38	112.24	65	52	169.4	19.64	5,894	66.8
53.00		0.3750	41.869	49.387	10,743.5	18.28	111.65	65	52	168.5	19.64	5,842	66.8
54.00		0.3750	41.650	49.126	10,573.9	18.17	111.07	65	52	167.6	19.64	5,789	66.8
55.00		0.3750	41.431	48.865	10,406.2	18.07	110.48	65	52	166.7	19.64	5,737	66.8

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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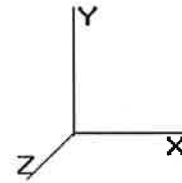
56.00		0.3750	41.211	48.603	10,240.2	17.97	109.90	65	52	165.8	19.64	5,685	66.8
57.00		0.3750	40.992	48.342	10,076.0	17.86	109.31	65	52	164.9	19.64	5,633	66.8
58.00		0.3750	40.772	48.081	9,913.6	17.76	108.73	65	52	164.1	19.64	5,582	66.8
59.00		0.3750	40.553	47.820	9,752.9	17.66	108.14	65	52	163.2	19.64	5,531	66.8
60.00		0.3750	40.333	47.559	9,594.0	17.55	107.56	65	52	162.3	19.64	5,480	66.8
61.00		0.3750	40.114	47.298	9,436.8	17.45	106.97	65	52	161.4	19.64	5,429	66.8
62.00		0.3750	39.894	47.036	9,281.3	17.35	106.39	65	52	160.5	19.64	5,378	66.8
63.00		0.3750	39.675	46.775	9,127.5	17.24	105.80	65	52	159.6	19.64	5,328	66.8
64.00		0.3750	39.456	46.514	8,975.5	17.14	105.21	65	52	158.7	19.64	5,278	66.8
65.00		0.3750	39.236	46.253	8,825.1	17.04	104.63	65	52	157.8	19.64	5,228	66.8
66.00		0.3750	39.017	45.992	8,676.5	16.94	104.04	65	52	156.9	19.64	5,179	66.8
67.00		0.3750	38.797	45.730	8,529.5	16.83	103.46	65	52	156.1	19.64	5,129	66.8
68.00		0.3750	38.578	45.469	8,384.2	16.73	102.87	65	52	155.2	19.64	5,080	66.8
69.00		0.3750	38.358	45.208	8,240.5	16.63	102.29	65	52	154.3	19.64	5,031	66.8
70.00		0.3750	38.139	44.947	8,098.5	16.52	101.70	65	52	153.4	19.64	4,983	66.8
71.00		0.3750	37.919	44.686	7,958.2	16.42	101.12	65	52	152.5	19.64	4,934	66.8
72.00		0.3750	37.700	44.424	7,819.4	16.32	100.53	65	52	151.6	19.64	4,886	66.8
73.00		0.3750	37.481	44.163	7,682.3	16.21	99.95	65	52	150.7	19.64	4,838	66.8
74.00		0.3750	37.261	43.902	7,546.8	16.11	99.36	65	52	149.8	19.64	4,791	66.8
75.00		0.3750	37.042	43.641	7,412.9	16.01	98.78	65	52	148.9	19.64	4,743	66.8
76.00		0.3750	36.822	43.380	7,280.6	15.90	98.19	65	52	148.1	19.64	4,696	66.8
77.00		0.3750	36.603	43.119	7,149.9	15.80	97.61	65	52	147.2	19.64	4,649	66.8
78.00		0.3750	36.383	42.857	7,020.8	15.70	97.02	65	52	146.3	19.64	4,602	66.8
79.00		0.3750	36.164	42.596	6,893.2	15.59	96.44	65	52	145.4	19.64	4,556	66.8
80.00		0.3750	35.944	42.335	6,767.2	15.49	95.85	65	52	144.5	19.64	4,510	66.8
81.00		0.3750	35.725	42.074	6,642.7	15.39	95.27	65	52	143.6	19.64	4,464	66.8
82.00		0.3750	35.506	41.813	6,519.7	15.28	94.68	65	52	142.7	19.64	4,418	66.8
83.00		0.3750	35.286	41.551	6,398.3	15.18	94.10	65	52	141.8	19.64	4,372	66.8
84.00		0.3750	35.067	41.290	6,278.4	15.08	93.51	65	52	140.9	19.64	4,327	66.8
85.00		0.3750	34.847	41.029	6,160.0	14.97	92.93	65	52	140.1	19.64	4,282	66.8
86.00		0.3750	34.628	40.768	6,043.1	14.87	92.34	65	52	139.2	19.64	4,237	66.8
87.00		0.3750	34.408	40.507	5,927.7	14.77	91.76	65	52	138.3	19.64	4,192	66.8
87.54	Bot - Section 3	0.3750	34.290	40.366	5,866.0	14.71	91.44	65	52	74.3	19.64	4,168	36.1
88.00		0.3750	34.189	40.246	5,813.8	14.67	91.17	65	52	116.8	19.64	4,275	30.7
89.00		0.3750	33.969	39.984	5,701.4	14.56	90.59	65	52	252.6	19.64	4,230	66.8
90.00		0.3750	33.750	39.723	5,590.4	14.46	90.00	65	52	250.9	19.64	4,186	66.8
91.00		0.3750	33.531	39.462	5,480.8	14.36	89.41	65	52	249.3	19.64	4,141	66.8
92.00		0.3750	33.311	39.201	5,372.7	14.25	88.83	65	52	247.7	19.64	4,097	66.8
92.46	Top - Section 2	0.3125	33.836	33.250	4,721.1	17.68	108.27	65	52	112.5	19.64	4,077	30.5
93.00		0.3125	33.717	33.132	4,670.9	17.61	107.89	65	52	61.4	19.64	4,053	36.3
94.00		0.3125	33.497	32.914	4,579.4	17.49	107.19	65	52	112.4	19.64	4,010	66.8
95.00		0.3125	33.278	32.696	4,489.2	17.37	106.49	65	52	111.6	19.64	3,966	66.8
96.00		0.3125	33.058	32.479	4,400.1	17.24	105.79	65	52	110.9	19.64	3,923	66.8
97.00		0.3125	32.839	32.261	4,312.2	17.12	105.08	65	52	110.1	19.64	3,880	66.8
98.00		0.3125	32.619	32.043	4,225.5	16.99	104.38	65	52	109.4	19.64	3,838	66.8
99.00		0.3125	32.400	31.826	4,140.0	16.87	103.68	65	52	108.7	19.64	3,795	66.8
100.0		0.3125	32.181	31.608	4,055.7	16.75	102.98	65	52	107.9	19.64	3,753	66.8
101.0		0.3125	31.961	31.390	3,972.4	16.62	102.28	65	52	107.2	19.64	3,711	66.8
102.0		0.3125	31.742	31.173	3,890.4	16.50	101.57	65	52	106.4	19.64	3,669	66.8
103.0		0.3125	31.522	30.955	3,809.5	16.38	100.87	65	52	105.7	19.64	3,628	66.8
104.0	Reinf. Top	0.3125	31.303	30.737	3,729.7	16.25	100.17	65	52	105.0	19.64	3,586	66.8
105.0		0.3125	31.083	30.520	3,651.0	16.13	99.47	65	52	104.2			
106.0		0.3125	30.864	30.302	3,573.4	16.00	98.76	65	52	103.5			
107.0		0.3125	30.644	30.084	3,497.0	15.88	98.06	65	52	102.7			
108.0		0.3125	30.425	29.867	3,421.6	15.76	97.36	65	52	102.0			
109.0		0.3125	30.206	29.649	3,347.4	15.63	96.66	65	52	101.3			
110.0		0.3125	29.986	29.431	3,274.2	15.51	95.96	65	52	100.5			
111.0		0.3125	29.767	29.214	3,202.1	15.39	95.25	65	52	99.8			
112.0		0.3125	29.547	28.996	3,131.1	15.26	94.55	65	52	99.0			
113.0		0.3125	29.328	28.778	3,061.1	15.14	93.85	65	52	98.3			
114.0		0.3125	29.108	28.561	2,992.2	15.01	93.15	65	52	97.6			
114.5		0.3125	28.999	28.452	2,958.1	14.95	92.80	65	52	48.5			
115.0		0.3125	28.889	28.343	2,924.3	14.89	92.44	65	52	48.3			
116.0		0.3125	28.669	28.126	2,857.4	14.77	91.74	65	52	96.1			

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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117.0	0.3125	28.450	27.908	2,791.6	14.64	91.04	65	52	95.3	
118.0	0.3125	28.231	27.690	2,726.8	14.52	90.34	65	52	94.6	
119.0	0.3125	28.011	27.473	2,663.0	14.39	89.64	65	52	93.9	
120.0	0.3125	27.792	27.255	2,600.2	14.27	88.93	65	52	93.1	
121.0	0.3125	27.572	27.037	2,538.4	14.15	88.23	65	52	92.4	
122.0	0.3125	27.353	26.820	2,477.6	14.02	87.53	65	52	91.6	
123.0	0.3125	27.133	26.602	2,417.7	13.90	86.83	65	52	90.9	
124.0	0.3125	26.914	26.384	2,358.9	13.78	86.12	65	52	90.2	
125.0	0.3125	26.694	26.167	2,301.0	13.65	85.42	65	52	89.4	
126.0	0.3125	26.475	25.949	2,244.0	13.53	84.72	65	52	88.7	
127.0	0.3125	26.256	25.731	2,188.1	13.40	84.02	65	52	87.9	
128.0	0.3125	26.036	25.514	2,133.0	13.28	83.32	65	52	87.2	
129.0	0.3125	25.817	25.296	2,078.9	13.16	82.61	65	52	86.4	
130.0	0.3125	25.597	25.078	2,025.7	13.03	81.91	65	52	85.7	
131.0	0.3125	25.378	24.861	1,973.4	12.91	81.21	65	52	85.0	
132.0	0.3125	25.158	24.643	1,922.0	12.78	80.51	65	52	84.2	
132.1	Bot - Section 4	0.3125	25.132	24.617	1,915.9	12.77	80.42	65	52	10.0
133.0		0.3125	24.939	24.425	1,871.5	12.66	79.80	65	52	118.4
134.0		0.3125	24.719	24.208	1,821.9	12.54	79.10	65	52	133.4
135.0		0.3125	24.500	23.990	1,773.2	12.41	78.40	65	52	132.2
135.8	Top - Section 3	0.1875	24.684	14.578	1,105.3	21.80	131.65	65	52	114.0
136.0		0.1875	24.656	14.561	1,101.4	21.78	131.50	65	52	6.5
137.0		0.1875	24.436	14.430	1,072.0	21.57	130.33	65	52	49.3
138.0		0.1875	24.217	14.300	1,043.2	21.36	129.16	65	52	48.9
139.0		0.1875	23.997	14.169	1,014.9	21.16	127.99	65	52	48.4
140.0		0.1875	23.778	14.039	987.1	20.95	126.81	65	52	48.0
141.0		0.1875	23.558	13.908	959.8	20.74	125.64	65	52	47.5
142.0		0.1875	23.339	13.777	933.0	20.54	124.47	65	52	47.1
143.0		0.1875	23.119	13.647	906.7	20.33	123.30	65	52	46.7
144.0		0.1875	22.900	13.516	880.9	20.12	122.13	65	52	46.2
145.0		0.1875	22.681	13.386	855.6	19.92	120.96	65	52	45.8
146.0		0.1875	22.461	13.255	830.8	19.71	119.79	65	52	45.3
147.0		0.1875	22.242	13.125	806.5	19.51	118.62	65	52	44.9
148.0		0.1875	22.022	12.994	782.7	19.30	117.45	65	52	44.4
149.0		0.1875	21.803	12.863	759.3	19.09	116.28	65	52	44.0
150.0		0.1875	21.583	12.733	736.4	18.89	115.11	65	52	43.5
151.0		0.1875	21.364	12.602	714.0	18.68	113.94	65	52	43.1
152.0		0.1875	21.144	12.472	692.0	18.47	112.77	65	52	42.7
153.0		0.1875	20.925	12.341	670.5	18.27	111.60	65	52	42.2
154.0		0.1875	20.706	12.210	649.5	18.06	110.43	65	52	41.8
155.0		0.1875	20.486	12.080	628.8	17.85	109.26	65	52	41.3
156.0		0.1875	20.267	11.949	608.7	17.65	108.09	65	52	40.9
157.0		0.1875	20.047	11.819	588.9	17.44	106.92	65	52	40.4
158.0		0.1875	19.828	11.688	569.6	17.24	105.75	65	52	40.0
159.0		0.1875	19.608	11.557	550.7	17.03	104.58	65	52	39.5
160.0		0.1875	19.389	11.427	532.3	16.82	103.41	65	52	39.1
161.0		0.1875	19.169	11.296	514.2	16.62	102.24	65	52	38.7
162.0		0.1875	18.950	11.166	496.6	16.41	101.07	65	52	38.2
163.0		0.1875	18.731	11.035	479.4	16.20	99.90	65	52	37.8
164.0		0.1875	18.511	10.904	462.6	16.00	98.73	65	52	37.3
165.0		0.1875	18.292	10.774	446.2	15.79	97.56	65	52	36.9
166.0		0.1875	18.072	10.643	430.1	15.58	96.39	65	52	36.4
167.0		0.1875	17.853	10.513	414.5	15.38	95.21	65	52	36.0
168.0		0.1875	17.633	10.382	399.2	15.17	94.04	65	52	35.6
169.0		0.1875	17.414	10.251	384.4	14.97	92.87	65	52	35.1
170.0		0.1875	17.194	10.121	369.8	14.76	91.70	65	52	34.7
171.0		0.1875	16.975	9.990	355.7	14.55	90.53	65	52	34.2
172.0		0.1875	16.756	9.860	341.9	14.35	89.36	65	52	33.8
173.0		0.1875	16.536	9.729	328.5	14.14	88.19	65	52	33.3
174.0		0.1875	16.317	9.599	315.5	13.93	87.02	65	52	32.9
175.0		0.1875	16.097	9.468	302.8	13.73	85.85	65	52	32.4
176.0		0.1875	15.878	9.337	290.4	13.52	84.68	65	52	32.0
177.0		0.1875	15.658	9.207	278.4	13.31	83.51	65	52	31.6
178.0		0.1875	15.439	9.076	266.7	13.11	82.34	65	52	31.1

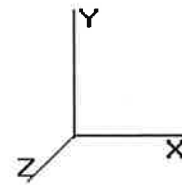


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Shaft Segment Forces**

Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		0.00	1.00 16.384	27.68	351.66	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00 16.384	27.68	350.20	0.650	0.000	1.00	4.387	2.85	79.0	0.0	313.5
2.00		0.00	1.00 16.384	27.68	348.74	0.650	0.000	1.00	4.368	2.84	78.6	0.0	312.4
3.00		0.00	1.00 16.384	27.68	347.27	0.650	0.000	1.00	4.350	2.83	78.3	0.0	311.4
4.00		0.00	1.00 16.384	27.68	345.81	0.650	0.000	1.00	4.332	2.82	78.0	0.0	310.3
5.00		0.00	1.00 16.384	27.68	344.35	0.650	0.000	1.00	4.314	2.80	77.6	0.0	309.3
6.00		0.00	1.00 16.384	27.68	342.88	0.650	0.000	1.00	4.295	2.79	77.3	0.0	308.3
7.00		0.00	1.00 16.384	27.68	341.42	0.650	0.000	1.00	4.277	2.78	77.0	0.0	307.2
8.00		0.00	1.00 16.384	27.68	339.96	0.650	0.000	1.00	4.259	2.77	76.6	0.0	306.2
9.00		0.00	1.00 16.384	27.68	338.50	0.650	0.000	1.00	4.240	2.76	76.3	0.0	305.2
10.00		0.00	1.00 16.384	27.68	337.03	0.650	0.000	1.00	4.222	2.74	76.0	0.0	304.1
11.00		0.00	1.00 16.384	27.68	335.57	0.650	0.000	1.00	4.204	2.73	75.7	0.0	303.1
12.00		0.00	1.00 16.384	27.68	334.11	0.650	0.000	1.00	4.186	2.72	75.3	0.0	302.1
13.00		0.00	1.00 16.384	27.68	332.64	0.650	0.000	1.00	4.167	2.71	75.0	0.0	301.0
14.00		0.00	1.00 16.384	27.68	331.18	0.650	0.000	1.00	4.149	2.70	74.7	0.0	300.0
15.00		0.00	1.00 16.384	27.68	329.72	0.650	0.000	1.00	4.131	2.68	74.3	0.0	298.9
16.00		0.00	1.00 16.384	27.68	328.25	0.650	0.000	1.00	4.112	2.67	74.0	0.0	297.9
17.00		0.00	1.00 16.384	27.68	326.79	0.650	0.000	1.00	4.094	2.66	73.7	0.0	296.9
18.00		0.00	1.00 16.384	27.68	325.33	0.650	0.000	1.00	4.076	2.65	73.4	0.0	295.8
19.00		0.00	1.00 16.384	27.68	323.87	0.650	0.000	1.00	4.058	2.64	73.0	0.0	294.8
20.00		0.00	1.00 16.384	27.68	322.40	0.650	0.000	1.00	4.039	2.63	72.7	0.0	293.8
21.00		0.00	1.00 16.384	27.68	320.94	0.650	0.000	1.00	4.021	2.61	72.4	0.0	292.7
22.00		0.00	1.00 16.384	27.68	319.48	0.650	0.000	1.00	4.003	2.60	72.0	0.0	291.7
23.00		0.00	1.00 16.384	27.68	318.01	0.650	0.000	1.00	3.984	2.59	71.7	0.0	290.6
24.00		0.00	1.00 16.384	27.68	316.55	0.650	0.000	1.00	3.966	2.58	71.4	0.0	289.6
25.00		0.00	1.00 16.384	27.68	315.09	0.650	0.000	1.00	3.948	2.57	71.1	0.0	288.6
26.00		0.00	1.00 16.384	27.68	313.63	0.650	0.000	1.00	3.930	2.55	70.7	0.0	287.5
27.00		0.00	1.00 16.384	27.68	312.16	0.650	0.000	1.00	3.911	2.54	70.4	0.0	286.5
28.00		0.00	1.00 16.384	27.68	310.70	0.650	0.000	1.00	3.893	2.53	70.1	0.0	285.5
29.00		0.00	1.00 16.384	27.68	309.24	0.650	0.000	1.00	3.875	2.52	69.7	0.0	284.4
30.00	Appertunance(s)	0.00	1.00 16.384	27.68	307.77	0.650	0.000	1.00	3.856	2.51	69.4	0.0	283.4
31.00		0.00	1.00 16.384	27.68	306.31	0.650	0.000	1.00	3.838	2.49	69.1	0.0	282.4
32.00		0.00	1.00 16.384	27.68	304.85	0.650	0.000	1.00	3.820	2.48	68.7	0.0	281.3
33.00		0.00	1.00 16.384	27.68	303.38	0.650	0.000	1.00	3.802	2.47	68.4	0.0	280.3
34.00		0.00	1.00 16.524	27.92	303.21	0.650	0.000	1.00	3.783	2.46	68.7	0.0	279.2
35.00		0.00	1.01 16.662	28.15	302.99	0.650	0.000	1.00	3.765	2.45	68.9	0.0	278.2
36.00		0.00	1.02 16.796	28.38	302.74	0.650	0.000	1.00	3.747	2.44	69.1	0.0	277.2
37.00		0.00	1.03 16.928	28.60	302.44	0.650	0.000	1.00	3.728	2.42	69.3	0.0	276.1
38.00		0.00	1.04 17.058	28.82	302.10	0.650	0.000	1.00	3.710	2.41	69.5	0.0	275.1
39.00		0.00	1.04 17.185	29.04	301.72	0.650	0.000	1.00	3.692	2.40	69.7	0.0	274.1
40.00		0.00	1.05 17.310	29.25	301.31	0.650	0.000	1.00	3.673	2.39	69.9	0.0	273.0
41.00		0.00	1.06 17.432	29.46	300.87	0.650	0.000	1.00	3.655	2.38	70.0	0.0	272.0
42.00		0.00	1.07 17.553	29.66	300.39	0.650	0.000	1.00	3.637	2.36	70.1	0.0	270.9
42.96	Bot - Section 2	0.00	1.07 17.666	29.85	299.91	0.650	0.000	0.96	3.462	2.25	67.2	0.0	258.2
43.00		0.00	1.07 17.671	29.86	299.88	0.650	0.000	0.04	0.160	0.10	3.1	0.0	19.4
44.00		0.00	1.08 17.788	30.06	299.34	0.650	0.000	1.00	3.663	2.38	71.6	0.0	445.4
45.00		0.00	1.09 17.902	30.25	298.78	0.650	0.000	1.00	3.645	2.37	71.7	0.0	443.4
46.00		0.00	1.10 18.015	30.44	298.18	0.650	0.000	1.00	3.626	2.36	71.8	0.0	441.5
47.00		0.00	1.10 18.126	30.63	297.56	0.650	0.000	1.00	3.608	2.35	71.8	0.0	439.6
48.00		0.00	1.11 18.235	30.81	296.92	0.650	0.000	1.00	3.590	2.33	71.9	0.0	437.7
49.00		0.00	1.12 18.343	31.00	296.24	0.650	0.000	1.00	3.571	2.32	72.0	0.0	435.7

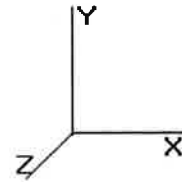


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

49.04	Top - Section 1	0.00	1.12	18.347	31.00	296.22	0.650	0.000	0.04	0.142	0.09	2.9	0.0	17.3
50.00		0.00	1.12	18.449	31.17	300.85	0.650	0.000	0.96	3.411	2.22	69.1	0.0	228.5
51.00		0.00	1.13	18.554	31.35	300.15	0.650	0.000	1.00	3.535	2.30	72.0	0.0	237.1
52.00		0.00	1.13	18.657	31.53	299.42	0.650	0.000	1.00	3.517	2.29	72.1	0.0	236.2
53.00		0.00	1.14	18.759	31.70	298.67	0.650	0.000	1.00	3.498	2.27	72.1	0.0	235.3
54.00		0.00	1.15	18.859	31.87	297.90	0.650	0.000	1.00	3.480	2.26	72.1	0.0	234.4
55.00		0.00	1.15	18.959	32.04	297.11	0.650	0.000	1.00	3.462	2.25	72.1	0.0	233.5
56.00		0.00	1.16	19.056	32.20	296.30	0.650	0.000	1.00	3.443	2.24	72.1	0.0	232.6
57.00		0.00	1.16	19.153	32.36	295.47	0.650	0.000	1.00	3.425	2.23	72.1	0.0	231.7
58.00		0.00	1.17	19.248	32.53	294.61	0.650	0.000	1.00	3.407	2.21	72.0	0.0	230.9
59.00		0.00	1.18	19.343	32.68	293.75	0.650	0.000	1.00	3.389	2.20	72.0	0.0	230.0
60.00		0.00	1.18	19.436	32.84	292.86	0.650	0.000	1.00	3.370	2.19	72.0	0.0	229.1
61.00		0.00	1.19	19.528	33.00	291.95	0.650	0.000	1.00	3.352	2.18	71.9	0.0	228.2
62.00		0.00	1.19	19.619	33.15	291.03	0.650	0.000	1.00	3.334	2.17	71.8	0.0	227.3
63.00		0.00	1.20	19.709	33.30	290.09	0.650	0.000	1.00	3.315	2.16	71.8	0.0	226.4
64.00		0.00	1.20	19.797	33.45	289.14	0.650	0.000	1.00	3.297	2.14	71.7	0.0	225.5
65.00		0.00	1.21	19.885	33.60	288.17	0.650	0.000	1.00	3.279	2.13	71.6	0.0	224.6
66.00		0.00	1.21	19.972	33.75	287.18	0.650	0.000	1.00	3.261	2.12	71.5	0.0	223.7
67.00		0.00	1.22	20.058	33.89	286.18	0.650	0.000	1.00	3.242	2.11	71.4	0.0	222.9
68.00		0.00	1.22	20.143	34.04	285.16	0.650	0.000	1.00	3.224	2.10	71.3	0.0	222.0
69.00		0.00	1.23	20.228	34.18	284.13	0.650	0.000	1.00	3.206	2.08	71.2	0.0	221.1
70.00		0.00	1.24	20.311	34.32	283.09	0.650	0.000	1.00	3.187	2.07	71.1	0.0	220.2
71.00		0.00	1.24	20.393	34.46	282.03	0.650	0.000	1.00	3.169	2.06	71.0	0.0	219.3
72.00		0.00	1.25	20.475	34.60	280.96	0.650	0.000	1.00	3.151	2.05	70.9	0.0	218.4
73.00		0.00	1.25	20.556	34.73	279.88	0.650	0.000	1.00	3.133	2.04	70.7	0.0	217.5
74.00		0.00	1.26	20.636	34.87	278.78	0.650	0.000	1.00	3.114	2.02	70.6	0.0	216.6
75.00		0.00	1.26	20.715	35.00	277.67	0.650	0.000	1.00	3.096	2.01	70.5	0.0	215.7
76.00		0.00	1.26	20.794	35.14	276.55	0.650	0.000	1.00	3.078	2.00	70.3	0.0	214.9
77.00		0.00	1.27	20.872	35.27	275.41	0.650	0.000	1.00	3.059	1.99	70.1	0.0	214.0
78.00	Appertunance(s)	0.00	1.27	20.949	35.40	274.27	0.650	0.000	1.00	3.041	1.98	70.0	0.0	213.1
79.00		0.00	1.28	21.025	35.53	273.11	0.650	0.000	1.00	3.023	1.96	69.8	0.0	212.2
80.00		0.00	1.28	21.101	35.66	271.94	0.650	0.000	1.00	3.005	1.95	69.6	0.0	211.3
81.00		0.00	1.29	21.176	35.78	270.76	0.650	0.000	1.00	2.986	1.94	69.5	0.0	210.4
82.00		0.00	1.29	21.250	35.91	269.57	0.650	0.000	1.00	2.968	1.93	69.3	0.0	209.5
83.00		0.00	1.30	21.324	36.03	268.37	0.650	0.000	1.00	2.950	1.92	69.1	0.0	208.6
84.00		0.00	1.30	21.397	36.16	267.15	0.650	0.000	1.00	2.931	1.91	68.9	0.0	207.7
85.00		0.00	1.31	21.469	36.28	265.93	0.650	0.000	1.00	2.913	1.89	68.7	0.0	206.9
86.00		0.00	1.31	21.541	36.40	264.70	0.650	0.000	1.00	2.895	1.88	68.5	0.0	206.0
87.00		0.00	1.31	21.613	36.52	263.46	0.650	0.000	1.00	2.877	1.87	68.3	0.0	205.1
87.54	Bot - Section 3	0.00	1.32	21.651	36.59	262.78	0.650	0.000	0.54	1.545	1.00	36.8	0.0	110.4
88.00		0.00	1.32	21.683	36.64	262.20	0.650	0.000	0.46	1.337	0.87	31.8	0.0	147.5
89.00		0.00	1.32	21.753	36.76	260.94	0.650	0.000	1.00	2.892	1.88	69.1	0.0	319.4
90.00		0.00	1.33	21.823	36.88	259.67	0.650	0.000	1.00	2.874	1.87	68.9	0.0	317.7
91.00		0.00	1.33	21.892	36.99	258.39	0.650	0.000	1.00	2.855	1.86	68.7	0.0	316.1
92.00		0.00	1.34	21.960	37.11	257.10	0.650	0.000	1.00	2.837	1.84	68.4	0.0	314.5
92.46	Top - Section 2	0.00	1.34	21.992	37.16	256.51	0.650	0.000	0.46	1.289	0.84	31.1	0.0	143.0
93.00		0.00	1.34	22.028	37.22	260.63	0.650	0.000	0.54	1.530	0.99	37.0	0.0	97.7
94.00		0.00	1.34	22.096	37.34	259.33	0.650	0.000	1.00	2.801	1.82	68.0	0.0	179.2
95.00	Appertunance(s)	0.00	1.35	22.163	37.45	258.02	0.650	0.000	1.00	2.782	1.81	67.7	0.0	178.4
96.00		0.00	1.35	22.229	37.56	256.70	0.650	0.000	1.00	2.764	1.80	67.5	0.0	177.7
97.00		0.00	1.36	22.295	37.67	255.38	0.650	0.000	1.00	2.746	1.78	67.2	0.0	176.9
98.00		0.00	1.36	22.360	37.78	254.04	0.650	0.000	1.00	2.727	1.77	67.0	0.0	176.2
99.00		0.00	1.36	22.425	37.89	252.70	0.650	0.000	1.00	2.709	1.76	66.7	0.0	175.5
100.0		0.00	1.37	22.490	38.00	251.35	0.650	0.000	1.00	2.691	1.75	66.5	0.0	174.7
101.0		0.00	1.37	22.554	38.11	249.99	0.650	0.000	1.00	2.673	1.74	66.2	0.0	174.0
102.0		0.00	1.38	22.617	38.22	248.62	0.650	0.000	1.00	2.654	1.73	65.9	0.0	173.2
103.0		0.00	1.38	22.681	38.33	247.25	0.650	0.000	1.00	2.636	1.71	65.7	0.0	172.5

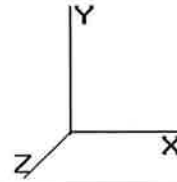
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	<b>80.00 mph Wind with No Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

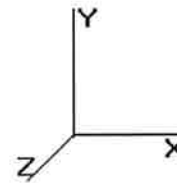
104.0	Reinf. Top	0.00	1.38	22.743	38.43	245.87	0.650	0.000	1.00	2.618	1.70	65.4	0.0	171.8
105.0	Appertunance(s)	0.00	1.39	22.806	38.54	244.48	0.650	0.000	1.00	2.599	1.69	65.1	0.0	104.2
106.0		0.00	1.39	22.867	38.64	243.08	0.650	0.000	1.00	2.581	1.68	64.8	0.0	103.5
107.0		0.00	1.39	22.929	38.75	241.68	0.650	0.000	1.00	2.563	1.67	64.6	0.0	102.7
108.0		0.00	1.40	22.990	38.85	240.26	0.650	0.000	1.00	2.545	1.65	64.3	0.0	102.0
109.0		0.00	1.40	23.051	38.95	238.85	0.650	0.000	1.00	2.526	1.64	64.0	0.0	101.3
110.0		0.00	1.41	23.111	39.05	237.42	0.650	0.000	1.00	2.508	1.63	63.7	0.0	100.5
111.0		0.00	1.41	23.171	39.15	235.99	0.650	0.000	1.00	2.490	1.62	63.4	0.0	99.8
112.0		0.00	1.41	23.230	39.25	234.55	0.650	0.000	1.00	2.471	1.61	63.1	0.0	99.0
113.0		0.00	1.42	23.289	39.35	233.10	0.650	0.000	1.00	2.453	1.59	62.8	0.0	98.3
114.0		0.00	1.42	23.348	39.45	231.65	0.650	0.000	1.00	2.435	1.58	62.4	0.0	97.6
114.5	Appertunance(s)	0.00	1.42	23.377	39.50	230.92	0.650	0.000	0.50	1.211	0.79	31.1	0.0	48.5
115.0		0.00	1.42	23.406	39.55	230.19	0.650	0.000	0.50	1.206	0.78	31.0	0.0	48.3
116.0		0.00	1.43	23.464	39.65	228.72	0.650	0.000	1.00	2.398	1.56	61.8	0.0	96.1
117.0		0.00	1.43	23.522	39.75	227.25	0.650	0.000	1.00	2.380	1.55	61.5	0.0	95.3
118.0		0.00	1.43	23.579	39.84	225.77	0.650	0.000	1.00	2.362	1.54	61.2	0.0	94.6
119.0		0.00	1.44	23.636	39.94	224.29	0.650	0.000	1.00	2.343	1.52	60.8	0.0	93.9
120.0		0.00	1.44	23.692	40.04	222.80	0.650	0.000	1.00	2.325	1.51	60.5	0.0	93.1
121.0		0.00	1.45	23.749	40.13	221.30	0.650	0.000	1.00	2.307	1.50	60.2	0.0	92.4
122.0		0.00	1.45	23.805	40.23	219.80	0.650	0.000	1.00	2.289	1.49	59.8	0.0	91.6
123.0		0.00	1.45	23.860	40.32	218.29	0.650	0.000	1.00	2.270	1.48	59.5	0.0	90.9
124.0		0.00	1.46	23.915	40.41	216.77	0.650	0.000	1.00	2.252	1.46	59.2	0.0	90.2
125.0	Appertunance(s)	0.00	1.46	23.970	40.51	215.25	0.650	0.000	1.00	2.234	1.45	58.8	0.0	89.4
126.0		0.00	1.46	24.025	40.60	213.73	0.650	0.000	1.00	2.215	1.44	58.5	0.0	88.7
127.0		0.00	1.47	24.079	40.69	212.19	0.650	0.000	1.00	2.197	1.43	58.1	0.0	87.9
128.0		0.00	1.47	24.133	40.78	210.66	0.650	0.000	1.00	2.179	1.42	57.8	0.0	87.2
129.0		0.00	1.47	24.187	40.87	209.11	0.650	0.000	1.00	2.161	1.40	57.4	0.0	86.4
130.0		0.00	1.48	24.241	40.96	207.56	0.650	0.000	1.00	2.142	1.39	57.0	0.0	85.7
131.0		0.00	1.48	24.294	41.05	206.01	0.650	0.000	1.00	2.124	1.38	56.7	0.0	85.0
132.0	Appertunance(s)	0.00	1.48	24.347	41.14	204.45	0.650	0.000	1.00	2.106	1.37	56.3	0.0	84.2
132.1	Bot - Section 4	0.00	1.48	24.353	41.15	204.26	0.650	0.000	0.12	0.251	0.16	6.7	0.0	10.0
133.0		0.00	1.48	24.399	41.23	202.89	0.650	0.000	0.88	1.864	1.21	50.0	0.0	118.4
134.0	Appertunance(s)	0.00	1.49	24.451	41.32	201.32	0.650	0.000	1.00	2.100	1.37	56.4	0.0	133.4
135.0		0.00	1.49	24.503	41.41	199.74	0.650	0.000	1.00	2.082	1.35	56.0	0.0	132.2
135.8	Top - Section 3	0.00	1.49	24.548	41.48	198.37	0.650	0.000	0.87	1.796	1.17	48.4	0.0	114.0
136.0		0.00	1.49	24.555	41.49	201.22	0.650	0.000	0.13	0.268	0.17	7.2	0.0	6.5
137.0		0.00	1.50	24.607	41.58	199.64	0.650	0.000	1.00	2.045	1.33	55.3	0.0	49.3
138.0		0.00	1.50	24.658	41.67	198.05	0.650	0.000	1.00	2.027	1.32	54.9	0.0	48.9
139.0		0.00	1.50	24.709	41.75	196.46	0.650	0.000	1.00	2.009	1.31	54.5	0.0	48.4
140.0	Appertunance(s)	0.00	1.51	24.759	41.84	194.86	0.650	0.000	1.00	1.991	1.29	54.1	0.0	48.0
141.0		0.00	1.51	24.810	41.92	193.26	0.650	0.000	1.00	1.972	1.28	53.8	0.0	47.5
142.0		0.00	1.51	24.860	42.01	191.65	0.650	0.000	1.00	1.954	1.27	53.4	0.0	47.1
143.0		0.00	1.52	24.910	42.09	190.04	0.650	0.000	1.00	1.936	1.26	53.0	0.0	46.7
144.0		0.00	1.52	24.959	42.18	188.43	0.650	0.000	1.00	1.917	1.25	52.6	0.0	46.2
145.0		0.00	1.52	25.009	42.26	186.80	0.650	0.000	1.00	1.899	1.23	52.2	0.0	45.8
146.0		0.00	1.52	25.058	42.34	185.18	0.650	0.000	1.00	1.881	1.22	51.8	0.0	45.3
147.0		0.00	1.53	25.107	42.43	183.55	0.650	0.000	1.00	1.863	1.21	51.4	0.0	44.9
148.0		0.00	1.53	25.156	42.51	181.91	0.650	0.000	1.00	1.844	1.20	51.0	0.0	44.4
149.0		0.00	1.53	25.204	42.59	180.27	0.650	0.000	1.00	1.826	1.19	50.6	0.0	44.0
150.0	Appertunance(s)	0.00	1.54	25.252	42.67	178.63	0.650	0.000	1.00	1.808	1.18	50.1	0.0	43.5
151.0		0.00	1.54	25.300	42.75	176.98	0.650	0.000	1.00	1.789	1.16	49.7	0.0	43.1
152.0		0.00	1.54	25.348	42.83	175.33	0.650	0.000	1.00	1.771	1.15	49.3	0.0	42.7
153.0		0.00	1.55	25.395	42.91	173.67	0.650	0.000	1.00	1.753	1.14	48.9	0.0	42.2
154.0		0.00	1.55	25.443	42.99	172.01	0.650	0.000	1.00	1.735	1.13	48.5	0.0	41.8
155.0		0.00	1.55	25.490	43.07	170.35	0.650	0.000	1.00	1.716	1.12	48.1	0.0	41.3
156.0		0.00	1.55	25.537	43.15	168.68	0.650	0.000	1.00	1.698	1.10	47.6	0.0	40.9
157.0		0.00	1.56	25.583	43.23	167.00	0.650	0.000	1.00	1.680	1.09	47.2	0.0	40.4

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	<b>80.00 mph Wind with No Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

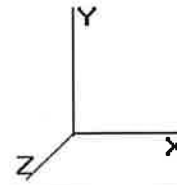
158.0	0.00	1.56	25.630	43.31	165.32	0.650	0.000	1.00	1.661	1.08	46.8	0.0	40.0	
159.0	0.00	1.56	25.676	43.39	163.64	0.650	0.000	1.00	1.643	1.07	46.3	0.0	39.5	
160.0	0.00	1.57	25.722	43.47	161.95	0.650	0.000	1.00	1.625	1.06	45.9	0.0	39.1	
161.0	0.00	1.57	25.768	43.54	160.26	0.650	0.000	1.00	1.607	1.04	45.5	0.0	38.7	
162.0	0.00	1.57	25.814	43.62	158.57	0.650	0.000	1.00	1.588	1.03	45.0	0.0	38.2	
163.0	0.00	1.57	25.859	43.70	156.87	0.650	0.000	1.00	1.570	1.02	44.6	0.0	37.8	
164.0	0.00	1.58	25.904	43.77	155.17	0.650	0.000	1.00	1.552	1.01	44.2	0.0	37.3	
165.0	0.00	1.58	25.949	43.85	153.46	0.650	0.000	1.00	1.533	1.00	43.7	0.0	36.9	
166.0	Appertunance(s)	0.00	1.58	25.994	43.93	151.75	0.650	0.000	1.00	1.515	0.98	43.3	0.0	36.4
167.0		0.00	1.58	26.039	44.00	150.04	0.650	0.000	1.00	1.497	0.97	42.8	0.0	36.0
168.0		0.00	1.59	26.083	44.08	148.32	0.650	0.000	1.00	1.479	0.96	42.4	0.0	35.6
169.0		0.00	1.59	26.128	44.15	146.60	0.650	0.000	1.00	1.460	0.95	41.9	0.0	35.1
170.0		0.00	1.59	26.172	44.23	144.87	0.650	0.000	1.00	1.442	0.94	41.5	0.0	34.7
171.0		0.00	1.60	26.215	44.30	143.14	0.650	0.000	1.00	1.424	0.93	41.0	0.0	34.2
172.0		0.00	1.60	26.259	44.37	141.41	0.650	0.000	1.00	1.405	0.91	40.5	0.0	33.8
173.0		0.00	1.60	26.303	44.45	139.67	0.650	0.000	1.00	1.387	0.90	40.1	0.0	33.3
174.0		0.00	1.60	26.346	44.52	137.93	0.650	0.000	1.00	1.369	0.89	39.6	0.0	32.9
175.0		0.00	1.61	26.389	44.59	136.19	0.650	0.000	1.00	1.351	0.88	39.2	0.0	32.4
176.0		0.00	1.61	26.432	44.67	134.44	0.650	0.000	1.00	1.332	0.87	38.7	0.0	32.0
177.0		0.00	1.61	26.475	44.74	132.69	0.650	0.000	1.00	1.314	0.85	38.2	0.0	31.6
178.0		0.00	1.61	26.518	44.81	130.94	0.650	0.000	1.00	1.296	0.84	37.7	0.0	31.1
179.0		0.00	1.62	26.560	44.88	129.18	0.650	0.000	1.00	1.277	0.83	37.3	0.0	30.7
180.0	Appertunance(s)	0.00	1.62	26.602	44.95	127.42	0.650	0.000	1.00	1.259	0.82	36.8	0.0	30.2
							Totals:	180.00			11,368.2	0.0	32,218.2	

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Discrete Appurtenance Segment Forces**

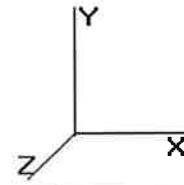
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	16.384	27.689	1.00	1.00	0.000	0.000	27.69	0.00	0.00	10.00
78.00	PCTEL GPS-TMG-HR-	1	20.949	35.403	1.00	0.09	0.000	0.000	3.19	0.00	0.00	0.60
95.00	Flat Side Arm	3	22.163	37.455	0.67	12.66	0.000	0.000	474.29	0.00	0.00	450.00
95.00	Bird 429-83H-01-T	1	22.163	37.455	0.33	0.35	0.000	0.000	12.98	0.00	0.00	20.00
95.00	Andrew DB586	1	22.295	37.679	1.00	0.74	0.000	2.000	27.88	0.00	55.76	8.30
95.00	Andrew DB586	1	22.028	37.228	1.00	0.74	0.000	-2.000	27.55	0.00	-55.10	8.30
105.0	RFS APXV18-206517S-	3	22.806	38.541	0.80	12.38	0.000	0.000	477.30	0.00	0.00	79.20
114.5	Decibel DB844H90E-	12	23.377	39.507	0.91	40.73	0.000	0.000	1,609.19	0.00	0.00	168.00
114.5	Round Low Profile PI	1	23.377	39.507	1.00	21.70	0.000	0.000	857.30	0.00	0.00	1,500.00
125.0	Antel LPA-80080/6CF	4	23.970	40.510	0.74	26.94	0.000	0.000	1,091.18	0.00	0.00	84.00
125.0	Round Low Profile PI	1	23.970	40.510	1.00	21.70	0.000	0.000	879.06	0.00	0.00	1,500.00
125.0	Amp Antel BXA-70063/	2	23.970	40.510	0.65	10.05	0.000	0.000	407.09	0.00	0.00	34.00
125.0	A Antel BXA-171085-1	2	23.970	40.510	0.82	7.76	0.000	0.000	314.24	0.00	0.00	30.00
125.0	A Antel BXA-171063-1	1	23.970	40.510	0.88	4.16	0.000	0.000	168.62	0.00	0.00	15.00
125.0	RFS FD9R6004/2C-3L	6	23.970	40.510	0.50	1.08	0.000	0.000	43.75	0.00	0.00	18.60
125.0	Amphenol Antel BXA-7	1	23.970	40.510	1.00	16.31	0.000	0.000	660.72	0.00	0.00	37.50
125.0	Antel LPA-80063/6CF	2	23.970	40.510	0.91	18.82	0.000	0.000	762.35	0.00	0.00	54.00
132.0	Alcatel-Lucent 1900M	3	24.347	41.146	0.67	7.64	0.000	0.000	314.27	0.00	0.00	132.00
132.0	Alcatel-Lucent 800 M	3	24.347	41.146	0.67	5.85	0.000	0.000	240.66	0.00	0.00	185.40
132.0	Flat Platform w/ Han	1	24.347	41.146	1.00	42.40	0.000	0.000	1,744.57	0.00	0.00	2,000.00
134.0	RFS APXVSP18-C-	3	24.451	41.323	0.68	16.85	0.000	0.000	696.31	0.00	0.00	171.00
134.0	Andrew DB980H90E-M	6	24.451	41.323	0.79	18.49	0.000	0.000	763.89	0.00	0.00	51.00
140.0	Round Side Arm	3	24.759	41.843	0.67	10.45	0.000	0.000	437.35	0.00	0.00	450.00
140.0	Telewave ANT150D	1	24.860	42.013	1.00	1.09	0.000	2.000	45.79	0.00	91.59	5.00
140.0	Sinclair SC432D-HF6L	1	25.107	42.431	1.00	5.03	0.000	7.000	213.43	0.00	1,493.98	34.00
140.0	Decibel DB809K-XT	3	25.058	42.348	1.00	10.98	0.000	6.000	464.98	0.00	2,789.88	90.00
140.0	Bird 432-83H-01-T	2	24.759	41.843	0.33	1.08	0.000	0.000	45.01	0.00	0.00	50.00
150.0	Round Side Arm	1	25.252	42.676	0.67	3.48	0.000	0.000	148.68	0.00	0.00	150.00
150.0	Sinclair SD210C2-SF2	1	25.252	42.676	1.00	1.37	0.000	0.000	58.47	0.00	0.00	8.30
166.0	Round T-Arm	3	25.994	43.930	0.67	19.50	0.000	0.000	856.50	0.00	0.00	750.00
166.0	CCI DTMA-1819-DD-12	6	25.994	43.930	0.33	1.41	0.000	0.000	61.76	0.00	0.00	85.80
166.0	RFS APX16PV-16PVL-	9	25.994	43.930	0.65	38.90	0.000	0.000	1,708.99	0.00	0.00	356.40
180.0	Flat Low Profile Pla	1	26.602	44.958	1.00	26.10	0.000	0.000	1,173.41	0.00	0.00	1,500.00
180.0	Powerwave Allgon	6	26.770	45.241	0.33	2.55	0.000	4.000	115.56	0.00	462.22	84.60
180.0	Powerwave Allgon 777	6	26.770	45.241	0.64	22.58	0.000	4.000	1,021.52	0.00	4,086.06	210.00
180.0	Ericsson RRUS 11	6	26.770	45.241	0.67	12.02	0.000	4.000	543.79	0.00	2,175.17	300.00
180.0	Andrew ABT-DMDF-	1	26.770	45.241	0.50	0.03	0.000	4.000	1.13	0.00	4.52	1.10
180.0	KMW AM-X-CD-16-65-	3	26.770	45.241	0.66	16.35	0.000	4.000	739.91	0.00	2,959.66	145.50
180.0	10' Omni	1	27.017	45.658	1.00	3.00	0.000	10.000	136.97	0.00	1,369.74	25.00
									19,377.33			10,802.60

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Linear Appurtenance Segment Forces**

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
1.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
1.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
1.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
1.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
1.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
2.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
2.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
2.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
2.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
2.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
2.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
3.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
3.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
3.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
3.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
3.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
3.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
4.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
4.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
4.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
4.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
4.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
4.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
5.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
5.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
5.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
5.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
5.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
5.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
6.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
6.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
6.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
6.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
6.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
7.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
7.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
7.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
7.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
7.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
8.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
8.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
8.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
8.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
9.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
9.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
9.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56



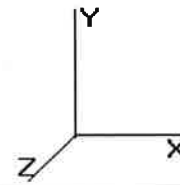


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

28.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
28.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
29.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
29.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
29.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
29.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
29.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
30.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
30.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
30.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
30.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
30.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
31.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
31.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
31.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
31.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
32.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
32.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
32.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
32.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
33.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
33.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
33.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
33.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
34.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.524	8.38	14.76
34.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.524	8.38	8.90
34.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.524	0.00	7.56
34.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.524	16.76	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.524	0.00	4.92
35.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.662	8.45	14.76
35.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.662	8.45	8.90
35.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.662	0.00	7.56
35.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.662	16.90	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.662	0.00	4.92
36.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.796	8.52	14.76
36.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.796	8.52	8.90
36.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.796	0.00	7.56
36.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.796	17.03	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.796	0.00	4.92
37.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.928	8.58	14.76
37.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.928	8.58	8.90
37.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.928	0.00	7.56
37.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.928	17.17	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.928	0.00	4.92
38.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.058	8.65	14.76
38.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.058	8.65	8.90
38.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.058	0.00	7.56
38.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.058	17.30	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.058	0.00	4.92
39.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.185	8.71	14.76
39.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.185	8.71	8.90



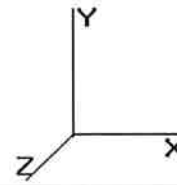


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

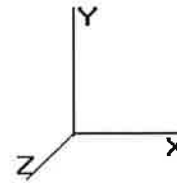
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.343	0.00	4.92
49.04	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	18.347	0.37	0.59
49.04	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	18.347	0.37	0.36
49.04	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	18.347	0.00	0.30
49.04	(1) Reinforcement	Yes	0.04	0.00	0.60	18.347	0.74	0.00
49.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	18.347	0.00	0.20
50.00	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	18.449	8.98	14.17
50.00	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	18.449	8.98	8.54
50.00	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	18.449	0.00	7.26
50.00	(1) Reinforcement	Yes	0.96	0.00	0.60	18.449	17.96	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	18.449	0.00	4.72
51.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.554	9.41	14.76
51.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.554	9.41	8.90
51.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.554	0.00	7.56
51.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.554	18.81	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.554	0.00	4.92
52.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.657	9.46	14.76
52.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.657	9.46	8.90
52.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.657	0.00	7.56
52.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.657	18.92	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.657	0.00	4.92
53.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.759	9.51	14.76
53.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.759	9.51	8.90
53.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.759	0.00	7.56
53.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.759	19.02	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.759	0.00	4.92
54.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.859	9.56	14.76
54.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.859	9.56	8.90
54.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.859	0.00	7.56
54.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.859	19.12	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.859	0.00	4.92
55.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.959	9.61	14.76
55.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.959	9.61	8.90
55.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.959	0.00	7.56
55.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.959	19.22	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.959	0.00	4.92
56.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.056	9.66	14.76
56.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.056	9.66	8.90
56.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.056	0.00	7.56
56.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.056	19.32	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.056	0.00	4.92
57.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.153	9.71	14.76
57.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.153	9.71	8.90
57.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.153	0.00	7.56
57.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.153	19.42	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.153	0.00	4.92
58.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.248	9.76	14.76
58.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.248	9.76	8.90
58.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.248	0.00	7.56
58.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.248	19.52	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.248	0.00	4.92
59.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.343	9.81	14.76
59.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.343	9.81	8.90
59.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.343	0.00	7.56
59.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.343	19.61	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.343	0.00	4.92
60.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.436	9.85	14.76

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

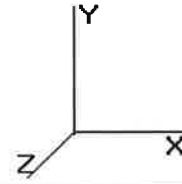
60.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.436	9.85	8.90
60.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.436	0.00	7.56
60.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.436	19.71	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.436	0.00	4.92
61.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.528	9.90	14.76
61.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.528	9.90	8.90
61.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.528	0.00	7.56
61.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.528	19.80	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.528	0.00	4.92
62.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.619	9.95	14.76
62.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.619	9.95	8.90
62.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.619	0.00	7.56
62.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.619	19.89	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.619	0.00	4.92
63.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.709	9.99	14.76
63.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.709	9.99	8.90
63.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.709	0.00	7.56
63.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.709	19.98	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.709	0.00	4.92
64.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.797	10.04	14.76
64.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.797	10.04	8.90
64.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.797	0.00	7.56
64.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.797	20.07	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.797	0.00	4.92
65.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.885	10.08	14.76
65.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.885	10.08	8.90
65.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.885	0.00	7.56
65.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.885	20.16	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.885	0.00	4.92
66.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.972	10.13	14.76
66.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.972	10.13	8.90
66.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.972	0.00	7.56
66.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.972	20.25	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.972	0.00	4.92
67.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.058	10.17	14.76
67.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.058	10.17	8.90
67.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.058	0.00	7.56
67.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.058	20.34	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.058	0.00	4.92
68.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.143	10.21	14.76
68.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.143	10.21	8.90
68.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.143	0.00	7.56
68.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.143	20.43	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.143	0.00	4.92
69.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.228	10.26	14.76
69.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.228	10.26	8.90
69.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.228	0.00	7.56
69.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.228	20.51	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.228	0.00	4.92
70.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.311	10.30	14.76
70.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.311	10.30	8.90
70.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.311	0.00	7.56
70.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.311	20.60	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.311	0.00	4.92
71.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.393	10.34	14.76
71.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.393	10.34	8.90
71.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.393	0.00	7.56

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

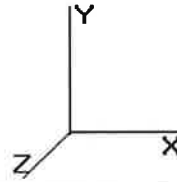
71.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.393	20.68	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.393	0.00	4.92
72.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.475	10.38	14.76
72.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.475	10.38	8.90
72.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.475	0.00	7.56
72.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.475	20.76	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.475	0.00	4.92
73.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.556	10.42	14.76
73.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.556	10.42	8.90
73.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.556	0.00	7.56
73.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.556	20.84	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.556	0.00	4.92
74.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.636	10.46	14.76
74.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.636	10.46	8.90
74.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.636	0.00	7.56
74.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.636	20.92	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.636	0.00	4.92
75.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.715	10.50	14.76
75.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.715	10.50	8.90
75.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.715	0.00	7.56
75.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.715	21.01	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.715	0.00	4.92
76.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.794	10.54	14.76
76.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.794	10.54	8.90
76.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.794	0.00	7.56
76.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.794	21.08	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.794	0.00	4.92
77.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.872	10.58	14.76
77.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.872	10.58	8.90
77.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.872	0.00	7.56
77.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.872	21.16	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.872	0.00	4.92
78.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.949	10.62	14.76
78.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.949	10.62	8.90
78.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.949	0.00	7.56
78.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.949	21.24	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.949	0.00	4.92
79.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.025	10.66	14.76
79.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.025	10.66	8.90
79.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.025	0.00	7.56
79.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.025	21.32	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.025	0.00	4.92
80.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.101	10.70	14.76
80.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.101	10.70	8.90
80.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.101	0.00	7.56
80.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.101	21.40	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.101	0.00	4.92
81.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.176	10.74	14.76
81.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.176	10.74	8.90
81.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.176	0.00	7.56
81.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.176	21.47	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.176	0.00	4.92
82.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.250	10.77	14.76
82.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.250	10.77	8.90
82.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.250	0.00	7.56
82.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.250	21.55	0.00
82.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.250	0.00	4.92

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

83.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.324	10.81	14.76
83.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.324	10.81	8.90
83.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.324	0.00	7.56
83.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.324	21.62	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.324	0.00	4.92
84.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.397	10.85	14.76
84.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.397	10.85	8.90
84.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.397	0.00	7.56
84.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.397	21.70	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.397	0.00	4.92
85.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.469	10.89	14.76
85.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.469	10.89	8.90
85.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.469	0.00	7.56
85.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.469	21.77	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.469	0.00	4.92
86.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.541	10.92	14.76
86.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.541	10.92	8.90
86.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.541	0.00	7.56
86.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.541	21.84	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.541	0.00	4.92
87.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.613	10.96	14.76
87.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.613	10.96	8.90
87.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.613	0.00	7.56
87.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.613	21.92	0.00
87.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.613	0.00	4.92
87.54	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	21.651	5.93	7.97
87.54	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	21.651	5.93	4.81
87.54	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	21.651	0.00	4.08
87.54	(1) Reinforcement	Yes	0.54	0.00	0.60	21.651	11.85	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	21.651	0.00	2.66
88.00	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	21.683	5.06	6.79
88.00	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	21.683	5.06	4.09
88.00	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	21.683	0.00	3.48
88.00	(1) Reinforcement	Yes	0.46	0.00	0.60	21.683	10.12	0.00
88.00	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	21.683	0.00	2.26
89.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.753	11.03	14.76
89.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.753	11.03	8.90
89.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.753	0.00	7.56
89.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.753	22.06	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.753	0.00	4.92
90.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.823	11.06	14.76
90.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.823	11.06	8.90
90.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.823	0.00	7.56
90.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.823	22.13	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.823	0.00	4.92
91.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.892	11.10	14.76
91.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.892	11.10	8.90
91.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.892	0.00	7.56
91.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.892	22.20	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.892	0.00	4.92
92.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.960	11.13	14.76
92.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.960	11.13	8.90
92.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.960	0.00	7.56
92.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.960	22.27	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.960	0.00	4.92
92.46	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	21.992	5.09	6.74
92.46	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	21.992	5.09	4.06

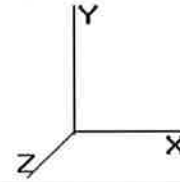


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

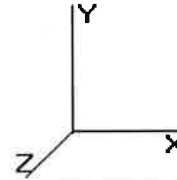
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.681	0.00	4.92
104.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.743	11.53	14.76
104.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.743	11.53	8.90
104.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.743	0.00	7.56
104.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.743	23.06	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.743	0.00	4.92
105.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.806	11.56	14.76
105.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.806	11.56	8.90
105.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.806	0.00	7.56
105.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.806	23.12	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.806	0.00	4.92
106.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.867	11.59	14.76
106.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.867	11.59	8.90
106.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.867	0.00	7.56
106.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.867	23.19	0.00
107.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.929	11.62	14.76
107.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.929	11.62	8.90
107.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.929	0.00	7.56
107.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.929	23.25	0.00
108.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.990	11.66	14.76
108.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.990	11.66	8.90
108.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.990	0.00	7.56
108.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.990	23.31	0.00
109.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.051	11.69	14.76
109.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.051	11.69	8.90
109.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.051	0.00	7.56
109.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.051	23.37	0.00
110.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.111	11.72	14.76
110.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.111	11.72	8.90
110.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.111	0.00	7.56
110.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.111	23.43	0.00
111.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.171	11.75	14.76
111.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.171	11.75	8.90
111.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.171	0.00	7.56
111.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.171	23.49	0.00
112.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.230	11.78	14.76
112.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.230	11.78	8.90
112.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.230	0.00	7.56
112.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.230	23.56	0.00
113.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.289	11.81	14.76
113.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.289	11.81	8.90
113.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.289	0.00	7.56
113.0	(1) Reinforcement	Yes	0.50	0.00	0.60	23.289	11.81	0.00
114.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.348	11.84	14.76
114.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.348	11.84	8.90
114.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.348	0.00	7.56
114.5	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	23.377	5.93	7.38
114.5	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	23.377	5.93	4.45
114.5	(12) 1 1/4" Coax	Yes	0.50	7.56	0.00	23.377	0.00	3.78
115.0	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	23.406	5.93	7.38
115.0	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	23.406	5.93	4.45
116.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.464	11.90	14.76
116.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.464	11.90	8.90
117.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.522	11.93	14.76
117.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.522	11.93	8.90
118.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.579	11.95	14.76
118.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.579	11.95	8.90

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

119.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.636	11.98	14.76
119.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.636	11.98	8.90
120.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.692	12.01	14.76
120.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.692	12.01	8.90
121.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.749	12.04	14.76
121.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.749	12.04	8.90
122.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.805	12.07	14.76
122.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.805	12.07	8.90
123.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.860	12.10	14.76
123.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.860	12.10	8.90
124.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.915	12.13	14.76
124.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.915	12.13	8.90
125.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	23.970	12.15	14.76
125.0	(12)	1 5/8"	Coax	Yes	1.00	8.90	0.30	23.970	12.15	8.90
126.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.025	12.18	14.76
127.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.079	12.21	14.76
128.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.133	12.24	14.76
129.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.187	12.26	14.76
130.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.241	12.29	14.76
131.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.294	12.32	14.76
132.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.347	12.34	14.76
132.1	(12)	1 5/8"	Coax	Yes	0.12	14.76	0.30	24.353	1.48	1.77
133.0	(12)	1 5/8"	Coax	Yes	0.88	14.76	0.30	24.399	10.89	12.99
134.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.451	12.40	14.76
135.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.503	12.42	14.76
135.8	(12)	1 5/8"	Coax	Yes	0.87	14.76	0.30	24.548	10.83	12.84
136.0	(12)	1 5/8"	Coax	Yes	0.13	14.76	0.30	24.555	1.62	1.92
137.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.607	12.48	14.76
138.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.658	12.50	14.76
139.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.709	12.53	14.76
140.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.759	12.55	14.76
141.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.810	12.58	14.76
142.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.860	12.60	14.76
143.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.910	12.63	14.76
144.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	24.959	12.65	14.76
145.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.009	12.68	14.76
146.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.058	12.70	14.76
147.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.107	12.73	14.76
148.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.156	12.75	14.76
149.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.204	12.78	14.76
150.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.252	12.80	14.76
151.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.300	12.83	14.76
152.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.348	12.85	14.76
153.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.395	12.88	14.76
154.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.443	12.90	14.76
155.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.490	12.92	14.76
156.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.537	12.95	14.76
157.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.583	12.97	14.76
158.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.630	12.99	14.76
159.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.676	13.02	14.76
160.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.722	13.04	14.76
161.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.768	13.06	14.76
162.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.814	13.09	14.76
163.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.859	13.11	14.76
164.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.904	13.13	14.76
165.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.949	13.16	14.76
166.0	(12)	1 5/8"	Coax	Yes	1.00	14.76	0.30	25.994	13.18	14.76

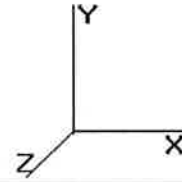


Pole : 302506  
Location : Winchester CT 3, CT  
Height : 180.0 (ft)  
Base Dia : 52.75 (in)  
Top Dia : 15.00 (in)  
Shape : 18 Sides  
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

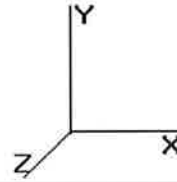
Totals: 5,198.20 4,954.78

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 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
1.00	112.18	380.34	0.00	0.00
2.00	111.85	379.30	0.00	0.00
3.00	111.52	378.26	0.00	0.00
4.00	111.19	377.23	0.00	0.00
5.00	110.86	376.19	0.00	0.00
6.00	110.53	375.15	0.00	0.00
7.00	110.20	374.12	0.00	0.00
8.00	109.87	373.08	0.00	0.00
9.00	109.54	372.04	0.00	0.00
10.00	109.22	371.01	0.00	0.00
11.00	108.89	369.97	0.00	0.00
12.00	108.56	368.93	0.00	0.00
13.00	108.23	367.90	0.00	0.00
14.00	107.90	366.86	0.00	0.00
15.00	107.57	365.82	0.00	0.00
16.00	107.24	364.79	0.00	0.00
17.00	106.91	363.75	0.00	0.00
18.00	106.58	362.71	0.00	0.00
19.00	106.25	361.67	0.00	0.00
20.00	105.92	360.64	0.00	0.00
21.00	105.60	359.60	0.00	0.00
22.00	105.27	358.56	0.00	0.00
23.00	104.94	357.53	0.00	0.00
24.00	104.61	356.49	0.00	0.00
25.00	104.28	355.45	0.00	0.00
26.00	103.95	354.42	0.00	0.00
27.00	103.62	353.38	0.00	0.00
28.00	103.29	352.34	0.00	0.00
29.00	102.96	351.31	0.00	0.00
30.00	130.32	360.27	0.00	0.00
31.00	102.30	348.90	0.00	0.00
32.00	101.97	347.87	0.00	0.00
33.00	101.65	346.83	0.00	0.00
34.00	102.18	345.79	0.00	0.00
35.00	102.70	344.75	0.00	0.00
36.00	103.19	343.72	0.00	0.00
37.00	103.66	342.68	0.00	0.00
38.00	104.11	341.64	0.00	0.00
39.00	104.54	340.61	0.00	0.00
40.00	104.95	339.57	0.00	0.00
41.00	105.35	338.53	0.00	0.00
42.00	105.72	337.50	0.00	0.00
42.96	101.45	321.87	0.00	0.00
43.00	4.65	22.28	0.00	0.00
44.00	107.64	511.92	0.00	0.00
45.00	107.98	509.99	0.00	0.00
46.00	108.30	508.07	0.00	0.00
47.00	108.60	506.14	0.00	0.00
48.00	108.89	504.22	0.00	0.00

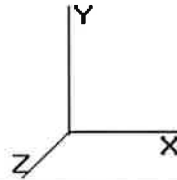
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations  
 Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

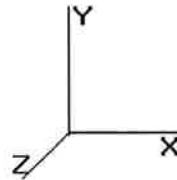
49.00	109.16	502.29	0.00	0.00
49.04	4.35	20.00	0.00	0.00
50.00	105.05	292.35	0.00	0.00
51.00	109.67	303.62	0.00	0.00
52.00	109.91	302.74	0.00	0.00
53.00	110.13	301.85	0.00	0.00
54.00	110.34	300.96	0.00	0.00
55.00	110.54	300.07	0.00	0.00
56.00	110.73	299.18	0.00	0.00
57.00	110.91	298.29	0.00	0.00
58.00	111.07	297.40	0.00	0.00
59.00	111.23	296.51	0.00	0.00
60.00	111.37	295.63	0.00	0.00
61.00	111.51	294.74	0.00	0.00
62.00	111.63	293.85	0.00	0.00
63.00	111.75	292.96	0.00	0.00
64.00	111.85	292.07	0.00	0.00
65.00	111.95	291.18	0.00	0.00
66.00	112.04	290.29	0.00	0.00
67.00	112.12	289.40	0.00	0.00
68.00	112.19	288.52	0.00	0.00
69.00	112.25	287.63	0.00	0.00
70.00	112.31	286.74	0.00	0.00
71.00	112.35	285.85	0.00	0.00
72.00	112.39	284.96	0.00	0.00
73.00	112.42	284.07	0.00	0.00
74.00	112.45	283.18	0.00	0.00
75.00	112.46	282.29	0.00	0.00
76.00	112.47	281.41	0.00	0.00
77.00	112.47	280.52	0.00	0.00
78.00	115.65	280.23	0.00	0.00
79.00	112.45	278.59	0.00	0.00
80.00	112.43	277.70	0.00	0.00
81.00	112.41	276.81	0.00	0.00
82.00	112.38	275.92	0.00	0.00
83.00	112.34	275.03	0.00	0.00
84.00	112.29	274.15	0.00	0.00
85.00	112.24	273.26	0.00	0.00
86.00	112.19	272.37	0.00	0.00
87.00	112.12	271.48	0.00	0.00
87.54	60.46	146.20	0.00	0.00
88.00	52.07	178.04	0.00	0.00
89.00	113.22	385.77	0.00	0.00
90.00	113.15	384.14	0.00	0.00
91.00	113.07	382.52	0.00	0.00
92.00	112.98	380.89	0.00	0.00
92.46	51.51	173.36	0.00	0.00
93.00	61.29	133.76	0.00	0.00
94.00	112.79	245.57	0.00	0.00
95.00	655.38	731.43	0.00	0.67
96.00	112.57	243.28	0.00	0.00
97.00	112.46	242.54	0.00	0.00
98.00	112.34	241.80	0.00	0.00
99.00	112.22	241.06	0.00	0.00
100.0	112.09	240.31	0.00	0.00
101.0	111.95	239.57	0.00	0.00
102.0	111.81	238.83	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

103.0	111.67	238.09	0.00	0.00
104.0	111.52	237.35	0.00	0.00
105.0	588.67	249.01	0.00	0.00
106.0	111.21	164.15	0.00	0.00
107.0	111.05	163.41	0.00	0.00
108.0	110.88	162.67	0.00	0.00
109.0	110.71	161.93	0.00	0.00
110.0	110.54	161.19	0.00	0.00
111.0	110.36	160.45	0.00	0.00
112.0	110.18	159.71	0.00	0.00
113.0	98.18	158.97	0.00	0.00
114.0	86.12	158.23	0.00	0.00
114.5	2,509.43	1,746.84	0.00	0.00
115.0	42.87	74.87	0.00	0.00
116.0	85.61	149.19	0.00	0.00
117.0	85.35	148.44	0.00	0.00
118.0	85.08	147.70	0.00	0.00
119.0	84.81	146.96	0.00	0.00
120.0	84.54	146.22	0.00	0.00
121.0	84.26	145.48	0.00	0.00
122.0	83.98	144.74	0.00	0.00
123.0	83.70	144.00	0.00	0.00
124.0	83.41	143.26	0.00	0.00
125.0	4,410.13	1,915.62	0.00	0.00
126.0	70.65	132.88	0.00	0.00
127.0	70.32	132.14	0.00	0.00
128.0	70.00	131.40	0.00	0.00
129.0	69.67	130.66	0.00	0.00
130.0	69.33	129.92	0.00	0.00
131.0	69.00	129.18	0.00	0.00
132.0	2,368.17	2,445.84	0.00	0.00
132.1	8.19	15.34	0.00	0.00
133.0	60.84	157.32	0.00	0.00
134.0	1,529.01	399.61	0.00	0.00
135.0	68.47	172.61	0.00	0.00
135.8	59.26	149.17	0.00	0.00
136.0	8.84	11.71	0.00	0.00
137.0	67.77	89.72	0.00	0.00
138.0	67.41	89.27	0.00	0.00
139.0	67.05	88.83	0.00	0.00
140.0	1,273.25	717.38	0.00	4,375.45
141.0	66.33	82.38	0.00	0.00
142.0	65.97	81.93	0.00	0.00
143.0	65.60	81.49	0.00	0.00
144.0	65.23	81.05	0.00	0.00
145.0	64.85	80.60	0.00	0.00
146.0	64.48	80.16	0.00	0.00
147.0	64.10	79.71	0.00	0.00
148.0	63.72	79.27	0.00	0.00
149.0	63.34	78.82	0.00	0.00
150.0	270.10	236.68	0.00	0.00
151.0	62.56	77.11	0.00	0.00
152.0	62.17	76.67	0.00	0.00
153.0	61.78	76.23	0.00	0.00
154.0	61.38	75.78	0.00	0.00
155.0	60.98	75.34	0.00	0.00
156.0	60.58	74.89	0.00	0.00

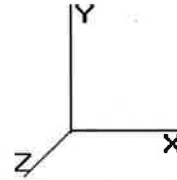
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

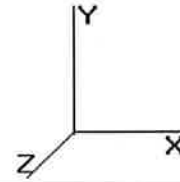
157.0	60.18	74.45	0.00	0.00
158.0	59.77	74.00	0.00	0.00
159.0	59.36	73.56	0.00	0.00
160.0	58.95	73.12	0.00	0.00
161.0	58.54	72.67	0.00	0.00
162.0	58.13	72.23	0.00	0.00
163.0	57.71	71.78	0.00	0.00
164.0	57.29	71.34	0.00	0.00
165.0	56.87	70.89	0.00	0.00
166.0	2,683.69	1,262.65	0.00	0.00
167.0	42.82	54.42	0.00	0.00
168.0	42.37	53.98	0.00	0.00
169.0	41.91	53.54	0.00	0.00
170.0	41.46	53.09	0.00	0.00
171.0	41.00	52.65	0.00	0.00
172.0	40.54	52.20	0.00	0.00
173.0	40.08	51.76	0.00	0.00
174.0	39.62	51.31	0.00	0.00
175.0	39.15	50.87	0.00	0.00
176.0	38.68	50.43	0.00	0.00
177.0	38.22	49.98	0.00	0.00
178.0	37.74	49.54	0.00	0.00
179.0	37.27	49.09	0.00	0.00
180.0	3,769.09	2,314.85	0.00	11,057.38
<b>Totals:</b>	<b>35,943.75</b>	<b>52,931.07</b>	<b>0.00</b>	<b>15,433.50</b>

Pole : 302506  
 Location : Winchester CT 3, CT  
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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Calculated Shaft Forces and Deflections**

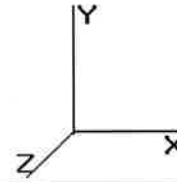
Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-35.957	-52.918	0.000	0.000	0.000	-4,219.563	0.000	0.000	0.000	0.000
1.00	-35.877	-52.516	0.000	0.000	0.000	-4,183.607	-0.004	0.000	0.004	-0.035
2.00	-35.797	-52.115	0.000	0.000	0.000	-4,147.730	-0.016	0.000	0.016	-0.071
3.00	-35.717	-51.714	0.000	0.000	0.000	-4,111.933	-0.035	0.000	0.035	-0.106
4.00	-35.637	-51.315	0.000	0.000	0.000	-4,076.216	-0.061	0.000	0.061	-0.142
5.00	-35.557	-50.917	0.000	0.000	0.000	-4,040.580	-0.095	0.000	0.095	-0.177
6.00	-35.477	-50.520	0.000	0.000	0.000	-4,005.023	-0.136	0.000	0.136	-0.213
7.00	-35.397	-50.125	0.000	0.000	0.000	-3,969.547	-0.185	0.000	0.185	-0.249
8.00	-35.316	-49.730	0.000	0.000	0.000	-3,934.151	-0.241	0.000	0.241	-0.285
9.00	-35.236	-49.336	0.000	0.000	0.000	-3,898.835	-0.305	0.000	0.305	-0.321
10.00	-35.155	-48.944	0.000	0.000	0.000	-3,863.600	-0.377	0.000	0.377	-0.357
11.00	-35.075	-48.552	0.000	0.000	0.000	-3,828.445	-0.456	0.000	0.456	-0.394
12.00	-34.994	-48.162	0.000	0.000	0.000	-3,793.371	-0.542	0.000	0.542	-0.430
13.00	-34.914	-47.773	0.000	0.000	0.000	-3,758.378	-0.637	0.000	0.637	-0.466
14.00	-34.833	-47.384	0.000	0.000	0.000	-3,723.465	-0.739	0.000	0.739	-0.503
15.00	-34.752	-46.997	0.000	0.000	0.000	-3,688.633	-0.848	0.000	0.848	-0.539
16.00	-34.671	-46.611	0.000	0.000	0.000	-3,653.881	-0.965	0.000	0.965	-0.576
17.00	-34.590	-46.227	0.000	0.000	0.000	-3,619.211	-1.090	0.000	1.090	-0.613
18.00	-34.509	-45.843	0.000	0.000	0.000	-3,584.622	-1.223	0.000	1.223	-0.650
19.00	-34.428	-45.460	0.000	0.000	0.000	-3,550.113	-1.363	0.000	1.363	-0.687
20.00	-34.347	-45.079	0.000	0.000	0.000	-3,515.686	-1.512	0.000	1.512	-0.724
21.00	-34.266	-44.698	0.000	0.000	0.000	-3,481.340	-1.667	0.000	1.667	-0.761
22.00	-34.184	-44.319	0.000	0.000	0.000	-3,447.075	-1.831	0.000	1.831	-0.798
23.00	-34.103	-43.941	0.000	0.000	0.000	-3,412.891	-2.003	0.000	2.003	-0.835
24.00	-34.021	-43.564	0.000	0.000	0.000	-3,378.789	-2.182	0.000	2.182	-0.873
25.00	-33.940	-43.188	0.000	0.000	0.000	-3,344.769	-2.369	0.000	2.369	-0.910
26.00	-33.858	-42.813	0.000	0.000	0.000	-3,310.829	-2.564	0.000	2.564	-0.948
27.00	-33.777	-42.439	0.000	0.000	0.000	-3,276.972	-2.767	0.000	2.767	-0.985
28.00	-33.695	-42.066	0.000	0.000	0.000	-3,243.196	-2.978	0.000	2.978	-1.023
29.00	-33.613	-41.695	0.000	0.000	0.000	-3,209.502	-3.196	0.000	3.196	-1.061
30.00	-33.503	-41.315	0.000	0.000	0.000	-3,175.889	-3.423	0.000	3.423	-1.099
31.00	-33.421	-40.946	0.000	0.000	0.000	-3,142.387	-3.658	0.000	3.658	-1.137
32.00	-33.339	-40.578	0.000	0.000	0.000	-3,108.966	-3.900	0.000	3.900	-1.175
33.00	-33.257	-40.211	0.000	0.000	0.000	-3,075.628	-4.150	0.000	4.150	-1.213
34.00	-33.174	-39.846	0.000	0.000	0.000	-3,042.371	-4.409	0.000	4.409	-1.251
35.00	-33.090	-39.481	0.000	0.000	0.000	-3,009.197	-4.675	0.000	4.675	-1.289
36.00	-33.005	-39.118	0.000	0.000	0.000	-2,976.108	-4.950	0.000	4.950	-1.327
37.00	-32.920	-38.756	0.000	0.000	0.000	-2,943.103	-5.232	0.000	5.232	-1.366
38.00	-32.833	-38.395	0.000	0.000	0.000	-2,910.184	-5.523	0.000	5.523	-1.404
39.00	-32.746	-38.035	0.000	0.000	0.000	-2,877.352	-5.821	0.000	5.821	-1.443
40.00	-32.658	-37.676	0.000	0.000	0.000	-2,844.606	-6.128	0.000	6.128	-1.481
41.00	-32.569	-37.318	0.000	0.000	0.000	-2,811.950	-6.443	0.000	6.443	-1.520
42.00	-32.478	-36.962	0.000	0.000	0.000	-2,779.382	-6.765	0.000	6.765	-1.559
42.96	-32.380	-36.632	0.000	0.000	0.000	-2,748.315	-7.082	0.000	7.082	-1.596
43.00	-32.388	-36.599	0.000	0.000	0.000	-2,746.908	-7.096	0.000	7.096	-1.597
44.00	-32.290	-36.069	0.000	0.000	0.000	-2,714.521	-7.435	0.000	7.435	-1.636
45.00	-32.191	-35.540	0.000	0.000	0.000	-2,682.231	-7.782	0.000	7.782	-1.674
46.00	-32.092	-35.014	0.000	0.000	0.000	-2,650.041	-8.138	0.000	8.138	-1.713
47.00	-31.991	-34.490	0.000	0.000	0.000	-2,617.950	-8.501	0.000	8.501	-1.752
48.00	-31.889	-33.968	0.000	0.000	0.000	-2,585.959	-8.872	0.000	8.872	-1.790
49.00	-31.776	-33.458	0.000	0.000	0.000	-2,554.070	-9.251	0.000	9.251	-1.829

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

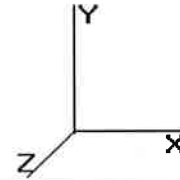
49.04	-31.783	-33.427	0.000	0.000	0.000	-2,552.803	-9.267	0.000	9.267	-1.830
50.00	-31.691	-33.117	0.000	0.000	0.000	-2,522.289	-9.639	0.000	9.639	-1.868
51.00	-31.595	-32.794	0.000	0.000	0.000	-2,490.598	-10.035	0.000	10.035	-1.909
52.00	-31.498	-32.473	0.000	0.000	0.000	-2,459.004	-10.439	0.000	10.439	-1.950
53.00	-31.401	-32.152	0.000	0.000	0.000	-2,427.506	-10.853	0.000	10.853	-1.992
54.00	-31.303	-31.833	0.000	0.000	0.000	-2,396.106	-11.274	0.000	11.274	-2.033
55.00	-31.205	-31.514	0.000	0.000	0.000	-2,364.803	-11.705	0.000	11.705	-2.074
56.00	-31.106	-31.197	0.000	0.000	0.000	-2,333.598	-12.144	0.000	12.144	-2.116
57.00	-31.006	-30.880	0.000	0.000	0.000	-2,302.493	-12.592	0.000	12.592	-2.157
58.00	-30.906	-30.565	0.000	0.000	0.000	-2,271.487	-13.049	0.000	13.049	-2.199
59.00	-30.805	-30.251	0.000	0.000	0.000	-2,240.582	-13.514	0.000	13.514	-2.240
60.00	-30.704	-29.938	0.000	0.000	0.000	-2,209.777	-13.988	0.000	13.988	-2.281
61.00	-30.602	-29.625	0.000	0.000	0.000	-2,179.074	-14.470	0.000	14.470	-2.323
62.00	-30.500	-29.314	0.000	0.000	0.000	-2,148.472	-14.962	0.000	14.962	-2.364
63.00	-30.397	-29.004	0.000	0.000	0.000	-2,117.973	-15.461	0.000	15.461	-2.406
64.00	-30.294	-28.695	0.000	0.000	0.000	-2,087.577	-15.970	0.000	15.970	-2.447
65.00	-30.190	-28.388	0.000	0.000	0.000	-2,057.284	-16.487	0.000	16.487	-2.488
66.00	-30.085	-28.081	0.000	0.000	0.000	-2,027.094	-17.013	0.000	17.013	-2.530
67.00	-29.980	-27.775	0.000	0.000	0.000	-1,997.010	-17.548	0.000	17.548	-2.571
68.00	-29.875	-27.470	0.000	0.000	0.000	-1,967.030	-18.091	0.000	18.091	-2.612
69.00	-29.769	-27.167	0.000	0.000	0.000	-1,937.155	-18.643	0.000	18.643	-2.654
70.00	-29.663	-26.864	0.000	0.000	0.000	-1,907.387	-19.203	0.000	19.203	-2.695
71.00	-29.556	-26.563	0.000	0.000	0.000	-1,877.724	-19.772	0.000	19.772	-2.736
72.00	-29.449	-26.263	0.000	0.000	0.000	-1,848.168	-20.350	0.000	20.350	-2.777
73.00	-29.342	-25.963	0.000	0.000	0.000	-1,818.719	-20.936	0.000	20.936	-2.818
74.00	-29.234	-25.665	0.000	0.000	0.000	-1,789.378	-21.531	0.000	21.531	-2.859
75.00	-29.125	-25.368	0.000	0.000	0.000	-1,760.145	-22.134	0.000	22.134	-2.900
76.00	-29.017	-25.072	0.000	0.000	0.000	-1,731.020	-22.746	0.000	22.746	-2.941
77.00	-28.907	-24.777	0.000	0.000	0.000	-1,702.004	-23.367	0.000	23.367	-2.982
78.00	-28.795	-24.483	0.000	0.000	0.000	-1,673.098	-23.996	0.000	23.996	-3.022
79.00	-28.685	-24.191	0.000	0.000	0.000	-1,644.303	-24.633	0.000	24.633	-3.063
80.00	-28.574	-23.899	0.000	0.000	0.000	-1,615.620	-25.279	0.000	25.279	-3.103
81.00	-28.464	-23.609	0.000	0.000	0.000	-1,587.046	-25.934	0.000	25.934	-3.144
82.00	-28.353	-23.320	0.000	0.000	0.000	-1,558.582	-26.596	0.000	26.596	-3.184
83.00	-28.241	-23.032	0.000	0.000	0.000	-1,530.230	-27.268	0.000	27.268	-3.224
84.00	-28.129	-22.745	0.000	0.000	0.000	-1,501.990	-27.947	0.000	27.947	-3.264
85.00	-28.017	-22.459	0.000	0.000	0.000	-1,473.861	-28.635	0.000	28.635	-3.304
86.00	-27.905	-22.174	0.000	0.000	0.000	-1,445.844	-29.332	0.000	29.332	-3.344
87.00	-27.789	-21.895	0.000	0.000	0.000	-1,417.940	-30.036	0.000	30.036	-3.384
87.54	-27.727	-21.743	0.000	0.000	0.000	-1,402.937	-30.420	0.000	30.420	-3.405
88.00	-27.675	-21.554	0.000	0.000	0.000	-1,390.180	-30.749	0.000	30.749	-3.423
89.00	-27.553	-21.158	0.000	0.000	0.000	-1,362.505	-31.471	0.000	31.471	-3.462
90.00	-27.431	-20.763	0.000	0.000	0.000	-1,334.952	-32.200	0.000	32.200	-3.501
91.00	-27.308	-20.369	0.000	0.000	0.000	-1,307.521	-32.937	0.000	32.937	-3.539
92.00	-27.182	-19.983	0.000	0.000	0.000	-1,280.213	-33.683	0.000	33.683	-3.577
92.46	-27.126	-19.804	0.000	0.000	0.000	-1,267.803	-34.026	0.000	34.026	-3.595
93.00	-27.067	-19.660	0.000	0.000	0.000	-1,253.062	-34.436	0.000	34.436	-3.616
94.00	-26.953	-19.403	0.000	0.000	0.000	-1,225.995	-35.198	0.000	35.198	-3.656
95.00	-26.265	-18.697	0.000	0.000	0.000	-1,199.042	-35.968	0.000	35.968	-3.696
96.00	-26.150	-18.443	0.000	0.000	0.000	-1,172.778	-36.746	0.000	36.746	-3.736
97.00	-26.034	-18.191	0.000	0.000	0.000	-1,146.629	-37.533	0.000	37.533	-3.776
98.00	-25.918	-17.939	0.000	0.000	0.000	-1,120.595	-38.328	0.000	38.328	-3.815
99.00	-25.802	-17.689	0.000	0.000	0.000	-1,094.677	-39.131	0.000	39.131	-3.854
100.0	-25.686	-17.439	0.000	0.000	0.000	-1,068.875	-39.942	0.000	39.942	-3.893
101.0	-25.569	-17.191	0.000	0.000	0.000	-1,043.190	-40.762	0.000	40.762	-3.931
102.0	-25.453	-16.943	0.000	0.000	0.000	-1,017.621	-41.589	0.000	41.589	-3.970
103.0	-25.336	-16.697	0.000	0.000	0.000	-992.168	-42.425	0.000	42.425	-4.007

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.0	-25.218	-16.451	0.000	0.000	0.000	-966.833	-43.268	0.000	43.268	-4.045
105.0	-24.629	-16.221	0.000	0.000	0.000	-941.615	-44.119	0.000	44.119	-4.082
106.0	-24.527	-16.035	0.000	0.000	0.000	-916.987	-44.981	0.000	44.981	-4.154
107.0	-24.424	-15.849	0.000	0.000	0.000	-892.461	-45.859	0.000	45.859	-4.226
108.0	-24.321	-15.665	0.000	0.000	0.000	-868.037	-46.751	0.000	46.751	-4.298
109.0	-24.217	-15.482	0.000	0.000	0.000	-843.717	-47.659	0.000	47.659	-4.369
110.0	-24.114	-15.300	0.000	0.000	0.000	-819.500	-48.581	0.000	48.581	-4.440
111.0	-24.010	-15.119	0.000	0.000	0.000	-795.387	-49.518	0.000	49.518	-4.510
112.0	-23.905	-14.940	0.000	0.000	0.000	-771.378	-50.470	0.000	50.470	-4.580
113.0	-23.812	-14.761	0.000	0.000	0.000	-747.473	-51.436	0.000	51.436	-4.649
114.0	-23.727	-14.589	0.000	0.000	0.000	-723.662	-52.416	0.000	52.416	-4.717
114.5	-21.089	-13.043	0.000	0.000	0.000	-711.798	-52.912	0.000	52.912	-4.751
115.0	-21.052	-12.953	0.000	0.000	0.000	-701.254	-53.411	0.000	53.411	-4.785
116.0	-20.969	-12.787	0.000	0.000	0.000	-680.203	-54.419	0.000	54.419	-4.852
117.0	-20.886	-12.623	0.000	0.000	0.000	-659.235	-55.442	0.000	55.442	-4.919
118.0	-20.803	-12.459	0.000	0.000	0.000	-638.349	-56.478	0.000	56.478	-4.985
119.0	-20.719	-12.296	0.000	0.000	0.000	-617.547	-57.529	0.000	57.529	-5.051
120.0	-20.636	-12.135	0.000	0.000	0.000	-596.828	-58.593	0.000	58.593	-5.116
121.0	-20.552	-11.975	0.000	0.000	0.000	-576.193	-59.670	0.000	59.670	-5.180
122.0	-20.469	-11.816	0.000	0.000	0.000	-555.641	-60.760	0.000	60.760	-5.243
123.0	-20.385	-11.658	0.000	0.000	0.000	-535.173	-61.864	0.000	61.864	-5.306
124.0	-20.301	-11.501	0.000	0.000	0.000	-514.788	-62.981	0.000	62.981	-5.368
125.0	-15.740	-9.993	0.000	0.000	0.000	-494.488	-64.110	0.000	64.110	-5.428
126.0	-15.668	-9.851	0.000	0.000	0.000	-478.748	-65.252	0.000	65.252	-5.489
127.0	-15.595	-9.710	0.000	0.000	0.000	-463.081	-66.407	0.000	66.407	-5.548
128.0	-15.522	-9.570	0.000	0.000	0.000	-447.486	-67.574	0.000	67.574	-5.607
129.0	-15.450	-9.431	0.000	0.000	0.000	-431.964	-68.753	0.000	68.753	-5.666
130.0	-15.377	-9.293	0.000	0.000	0.000	-416.514	-69.944	0.000	69.944	-5.724
131.0	-15.305	-9.156	0.000	0.000	0.000	-401.137	-71.148	0.000	71.148	-5.782
132.0	-12.705	-6.956	0.000	0.000	0.000	-385.833	-72.363	0.000	72.363	-5.838
132.1	-12.699	-6.935	0.000	0.000	0.000	-384.311	-72.509	0.000	72.509	-5.845
133.0	-12.629	-6.773	0.000	0.000	0.000	-373.133	-73.590	0.000	73.590	-5.895
134.0	-11.073	-6.523	0.000	0.000	0.000	-360.505	-74.829	0.000	74.829	-5.950
135.0	-10.992	-6.348	0.000	0.000	0.000	-349.432	-76.079	0.000	76.079	-6.006
135.8	-10.921	-6.201	0.000	0.000	0.000	-339.871	-77.176	0.000	77.176	-6.054
136.0	-10.916	-6.181	0.000	0.000	0.000	-338.449	-77.341	0.000	77.341	-6.061
137.0	-10.848	-6.083	0.000	0.000	0.000	-327.533	-78.617	0.000	78.617	-6.147
138.0	-10.781	-5.986	0.000	0.000	0.000	-316.685	-79.912	0.000	79.912	-6.233
139.0	-10.713	-5.889	0.000	0.000	0.000	-305.905	-81.224	0.000	81.224	-6.318
140.0	-9.376	-5.303	0.000	0.000	0.000	-290.817	-82.554	0.000	82.554	-6.402
141.0	-9.308	-5.216	0.000	0.000	0.000	-281.441	-83.901	0.000	83.901	-6.484
142.0	-9.241	-5.128	0.000	0.000	0.000	-272.133	-85.265	0.000	85.265	-6.566
143.0	-9.173	-5.042	0.000	0.000	0.000	-262.892	-86.647	0.000	86.647	-6.648
144.0	-9.106	-4.956	0.000	0.000	0.000	-253.719	-88.045	0.000	88.045	-6.729
145.0	-9.039	-4.871	0.000	0.000	0.000	-244.613	-89.460	0.000	89.460	-6.809
146.0	-8.972	-4.787	0.000	0.000	0.000	-235.574	-90.892	0.000	90.892	-6.889
147.0	-8.906	-4.703	0.000	0.000	0.000	-226.602	-92.340	0.000	92.340	-6.968
148.0	-8.839	-4.620	0.000	0.000	0.000	-217.697	-93.805	0.000	93.805	-7.047
149.0	-8.773	-4.538	0.000	0.000	0.000	-208.858	-95.285	0.000	95.285	-7.124
150.0	-8.481	-4.326	0.000	0.000	0.000	-200.085	-96.782	0.000	96.782	-7.201
151.0	-8.415	-4.246	0.000	0.000	0.000	-191.605	-98.295	0.000	98.295	-7.277
152.0	-8.349	-4.167	0.000	0.000	0.000	-183.190	-99.823	0.000	99.823	-7.351
153.0	-8.283	-4.089	0.000	0.000	0.000	-174.841	-101.367	0.000	101.367	-7.425
154.0	-8.217	-4.012	0.000	0.000	0.000	-166.559	-102.926	0.000	102.926	-7.497
155.0	-8.152	-3.935	0.000	0.000	0.000	-158.341	-104.499	0.000	104.499	-7.568
156.0	-8.087	-3.859	0.000	0.000	0.000	-150.190	-106.088	0.000	106.088	-7.638
157.0	-8.022	-3.784	0.000	0.000	0.000	-142.103	-107.690	0.000	107.690	-7.707



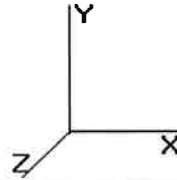
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

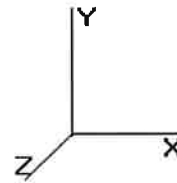
158.0	-7.957	-3.709	0.000	0.000	0.000	-134.082	-109.307	0.000	109.307	-7.773
159.0	-7.892	-3.636	0.000	0.000	0.000	-126.125	-110.938	0.000	110.938	-7.838
160.0	-7.828	-3.563	0.000	0.000	0.000	-118.233	-112.581	0.000	112.581	-7.901
161.0	-7.763	-3.491	0.000	0.000	0.000	-110.406	-114.238	0.000	114.238	-7.962
162.0	-7.699	-3.420	0.000	0.000	0.000	-102.643	-115.907	0.000	115.907	-8.021
163.0	-7.635	-3.349	0.000	0.000	0.000	-94.944	-117.588	0.000	117.588	-8.078
164.0	-7.572	-3.280	0.000	0.000	0.000	-87.308	-119.280	0.000	119.280	-8.132
165.0	-7.508	-3.211	0.000	0.000	0.000	-79.737	-120.984	0.000	120.984	-8.183
166.0	-4.674	-2.341	0.000	0.000	0.000	-72.229	-122.697	0.000	122.697	-8.232
167.0	-4.625	-2.289	0.000	0.000	0.000	-67.555	-124.421	0.000	124.421	-8.278
168.0	-4.577	-2.238	0.000	0.000	0.000	-62.930	-126.154	0.000	126.154	-8.323
169.0	-4.530	-2.188	0.000	0.000	0.000	-58.353	-127.895	0.000	127.895	-8.366
170.0	-4.483	-2.139	0.000	0.000	0.000	-53.823	-129.646	0.000	129.646	-8.408
171.0	-4.436	-2.090	0.000	0.000	0.000	-49.341	-131.405	0.000	131.405	-8.447
172.0	-4.389	-2.041	0.000	0.000	0.000	-44.905	-133.172	0.000	133.172	-8.485
173.0	-4.343	-1.993	0.000	0.000	0.000	-40.516	-134.947	0.000	134.947	-8.521
174.0	-4.298	-1.946	0.000	0.000	0.000	-36.172	-136.729	0.000	136.729	-8.554
175.0	-4.252	-1.899	0.000	0.000	0.000	-31.875	-138.517	0.000	138.517	-8.584
176.0	-4.208	-1.853	0.000	0.000	0.000	-27.622	-140.312	0.000	140.312	-8.612
177.0	-4.163	-1.808	0.000	0.000	0.000	-23.415	-142.112	0.000	142.112	-8.637
178.0	-4.119	-1.763	0.000	0.000	0.000	-19.252	-143.917	0.000	143.917	-8.659
179.0	-4.075	-1.719	0.000	0.000	0.000	-15.133	-145.726	0.000	145.726	-8.678
180.0	-3.769	0.000	0.000	0.000	0.000	-11.057	-147.538	0.000	147.538	-8.692

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Calculated Stresses**

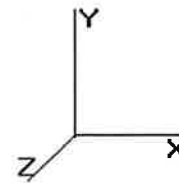
Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.57	1.00	0.00	0.00	0.00	40.06	40.67	52.0	0.0	0.782
1.00	0.57	1.00	0.00	0.00	0.00	40.00	40.61	52.0	0.0	0.781
2.00	0.57	1.00	0.00	0.00	0.00	39.94	40.55	52.0	0.0	0.780
3.00	0.57	1.00	0.00	0.00	0.00	39.88	40.48	52.0	0.0	0.779
4.00	0.56	1.01	0.00	0.00	0.00	39.82	40.42	52.0	0.0	0.778
5.00	0.56	1.01	0.00	0.00	0.00	39.75	40.35	52.0	0.0	0.776
6.00	0.56	1.01	0.00	0.00	0.00	39.69	40.28	52.0	0.0	0.775
7.00	0.56	1.01	0.00	0.00	0.00	39.62	40.22	52.0	0.0	0.774
8.00	0.55	1.01	0.00	0.00	0.00	39.55	40.15	52.0	0.0	0.772
9.00	0.55	1.02	0.00	0.00	0.00	39.49	40.08	52.0	0.0	0.771
10.00	0.55	1.02	0.00	0.00	0.00	39.42	40.00	52.0	0.0	0.770
11.00	0.55	1.02	0.00	0.00	0.00	39.34	39.93	52.0	0.0	0.768
12.00	0.54	1.02	0.00	0.00	0.00	39.27	39.85	52.0	0.0	0.767
13.00	0.54	1.02	0.00	0.00	0.00	39.20	39.78	52.0	0.0	0.765
14.00	0.54	1.03	0.00	0.00	0.00	39.12	39.70	52.0	0.0	0.764
15.00	0.54	1.03	0.00	0.00	0.00	39.05	39.62	52.0	0.0	0.762
16.00	0.53	1.03	0.00	0.00	0.00	38.97	39.54	52.0	0.0	0.761
17.00	0.53	1.03	0.00	0.00	0.00	38.89	39.46	52.0	0.0	0.759
18.00	0.53	1.04	0.00	0.00	0.00	38.81	39.38	52.0	0.0	0.758
19.00	0.53	1.04	0.00	0.00	0.00	38.72	39.29	52.0	0.0	0.756
20.00	0.52	1.04	0.00	0.00	0.00	38.64	39.20	52.0	0.0	0.754
21.00	0.52	1.04	0.00	0.00	0.00	38.55	39.12	52.0	0.0	0.753
22.00	0.52	1.04	0.00	0.00	0.00	38.47	39.03	52.0	0.0	0.751
23.00	0.52	1.05	0.00	0.00	0.00	38.38	38.93	52.0	0.0	0.749
24.00	0.51	1.05	0.00	0.00	0.00	38.29	38.84	52.0	0.0	0.747
25.00	0.51	1.05	0.00	0.00	0.00	38.19	38.75	52.0	0.0	0.745
26.00	0.51	1.05	0.00	0.00	0.00	38.10	38.65	52.0	0.0	0.744
27.00	0.50	1.06	0.00	0.00	0.00	38.00	38.55	52.0	0.0	0.742
28.00	0.50	1.06	0.00	0.00	0.00	37.90	38.45	52.0	0.0	0.740
29.00	0.50	1.06	0.00	0.00	0.00	37.81	38.35	52.0	0.0	0.738
30.00	0.50	1.06	0.00	0.00	0.00	37.70	38.24	52.0	0.0	0.736
31.00	0.49	1.07	0.00	0.00	0.00	37.60	38.14	52.0	0.0	0.734
32.00	0.49	1.07	0.00	0.00	0.00	37.50	38.03	52.0	0.0	0.732
33.00	0.49	1.07	0.00	0.00	0.00	37.39	37.92	52.0	0.0	0.730
34.00	0.49	1.07	0.00	0.00	0.00	37.28	37.81	52.0	0.0	0.727
35.00	0.48	1.08	0.00	0.00	0.00	37.17	37.70	52.0	0.0	0.725
36.00	0.48	1.08	0.00	0.00	0.00	37.06	37.58	52.0	0.0	0.723
37.00	0.48	1.08	0.00	0.00	0.00	36.94	37.47	52.0	0.0	0.721
38.00	0.48	1.08	0.00	0.00	0.00	36.82	37.35	52.0	0.0	0.718
39.00	0.47	1.09	0.00	0.00	0.00	36.70	37.23	52.0	0.0	0.716
40.00	0.47	1.09	0.00	0.00	0.00	36.58	37.10	52.0	0.0	0.714
41.00	0.47	1.09	0.00	0.00	0.00	36.46	36.98	52.0	0.0	0.711
42.00	0.47	1.09	0.00	0.00	0.00	36.33	36.85	52.0	0.0	0.709
42.96	0.46	1.10	0.00	0.00	0.00	36.21	36.72	52.0	0.0	0.706
43.00	0.46	1.10	0.00	0.00	0.00	35.87	36.38	52.0	0.0	0.700
44.00	0.46	1.10	0.00	0.00	0.00	35.74	36.25	52.0	0.0	0.697
45.00	0.45	1.10	0.00	0.00	0.00	35.61	36.11	52.0	0.0	0.695
46.00	0.45	1.10	0.00	0.00	0.00	35.47	35.97	52.0	0.0	0.692
47.00	0.44	1.11	0.00	0.00	0.00	35.33	35.82	52.0	0.0	0.689
48.00	0.44	1.11	0.00	0.00	0.00	35.19	35.68	52.0	0.0	0.686
49.00	0.43	1.11	0.00	0.00	0.00	35.05	35.53	52.0	0.0	0.684

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

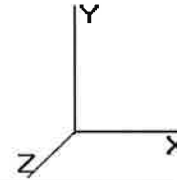
49.04	0.48	1.27	0.00	0.00	0.00	38.02	38.56	52.0	0.0	0.742
50.00	0.47	1.27	0.00	0.00	0.00	37.86	38.39	52.0	0.0	0.739
51.00	0.47	1.28	0.00	0.00	0.00	37.69	38.22	52.0	0.0	0.735
52.00	0.47	1.28	0.00	0.00	0.00	37.51	38.05	52.0	0.0	0.732
53.00	0.47	1.28	0.00	0.00	0.00	37.34	37.87	52.0	0.0	0.728
54.00	0.46	1.28	0.00	0.00	0.00	37.16	37.69	52.0	0.0	0.725
55.00	0.46	1.29	0.00	0.00	0.00	36.98	37.50	52.0	0.0	0.721
56.00	0.46	1.29	0.00	0.00	0.00	36.79	37.32	52.0	0.0	0.718
57.00	0.45	1.29	0.00	0.00	0.00	36.60	37.13	52.0	0.0	0.714
58.00	0.45	1.30	0.00	0.00	0.00	36.41	36.93	52.0	0.0	0.711
59.00	0.45	1.30	0.00	0.00	0.00	36.22	36.74	52.0	0.0	0.707
60.00	0.45	1.30	0.00	0.00	0.00	36.02	36.54	52.0	0.0	0.703
61.00	0.44	1.30	0.00	0.00	0.00	35.82	36.34	52.0	0.0	0.699
62.00	0.44	1.31	0.00	0.00	0.00	35.62	36.13	52.0	0.0	0.695
63.00	0.44	1.31	0.00	0.00	0.00	35.41	35.92	52.0	0.0	0.691
64.00	0.43	1.31	0.00	0.00	0.00	35.21	35.71	52.0	0.0	0.687
65.00	0.43	1.32	0.00	0.00	0.00	34.99	35.50	52.0	0.0	0.683
66.00	0.43	1.32	0.00	0.00	0.00	34.78	35.28	52.0	0.0	0.679
67.00	0.42	1.32	0.00	0.00	0.00	34.56	35.06	52.0	0.0	0.674
68.00	0.42	1.32	0.00	0.00	0.00	34.34	34.83	52.0	0.0	0.670
69.00	0.42	1.33	0.00	0.00	0.00	34.11	34.60	52.0	0.0	0.666
70.00	0.42	1.33	0.00	0.00	0.00	33.88	34.37	52.0	0.0	0.661
71.00	0.41	1.33	0.00	0.00	0.00	33.65	34.14	52.0	0.0	0.657
72.00	0.41	1.34	0.00	0.00	0.00	33.41	33.90	52.0	0.0	0.652
73.00	0.41	1.34	0.00	0.00	0.00	33.17	33.66	52.0	0.0	0.647
74.00	0.40	1.34	0.00	0.00	0.00	32.92	33.41	52.0	0.0	0.643
75.00	0.40	1.35	0.00	0.00	0.00	32.68	33.16	52.0	0.0	0.638
76.00	0.40	1.35	0.00	0.00	0.00	32.42	32.90	52.0	0.0	0.633
77.00	0.39	1.35	0.00	0.00	0.00	32.17	32.65	52.0	0.0	0.628
78.00	0.39	1.35	0.00	0.00	0.00	31.91	32.38	52.0	0.0	0.623
79.00	0.39	1.36	0.00	0.00	0.00	31.64	32.12	52.0	0.0	0.618
80.00	0.39	1.36	0.00	0.00	0.00	31.37	31.85	52.0	0.0	0.613
81.00	0.38	1.36	0.00	0.00	0.00	31.10	31.57	52.0	0.0	0.607
82.00	0.38	1.37	0.00	0.00	0.00	30.82	31.29	52.0	0.0	0.602
83.00	0.38	1.37	0.00	0.00	0.00	30.54	31.01	52.0	0.0	0.597
84.00	0.37	1.37	0.00	0.00	0.00	30.26	30.72	52.0	0.0	0.591
85.00	0.37	1.38	0.00	0.00	0.00	29.97	30.43	52.0	0.0	0.585
86.00	0.37	1.38	0.00	0.00	0.00	29.67	30.13	52.0	0.0	0.580
87.00	0.36	1.38	0.00	0.00	0.00	29.37	29.83	52.0	0.0	0.574
87.54	0.36	1.38	0.00	0.00	0.00	29.21	29.67	52.0	0.0	0.571
88.00	0.36	1.39	0.00	0.00	0.00	28.70	29.16	52.0	0.0	0.561
89.00	0.35	1.39	0.00	0.00	0.00	28.39	28.85	52.0	0.0	0.555
90.00	0.35	1.39	0.00	0.00	0.00	28.08	28.53	52.0	0.0	0.549
91.00	0.34	1.39	0.00	0.00	0.00	27.76	28.21	52.0	0.0	0.543
92.00	0.34	1.40	0.00	0.00	0.00	27.44	27.88	52.0	0.0	0.536
92.46	0.37	1.64	0.00	0.00	0.00	29.70	30.21	52.0	0.0	0.581
93.00	0.37	1.65	0.00	0.00	0.00	29.50	30.01	52.0	0.0	0.577
94.00	0.37	1.65	0.00	0.00	0.00	29.13	29.64	52.0	0.0	0.570
95.00	0.36	1.62	0.00	0.00	0.00	28.75	29.24	52.0	0.0	0.563
96.00	0.35	1.62	0.00	0.00	0.00	28.38	28.87	52.0	0.0	0.555
97.00	0.35	1.63	0.00	0.00	0.00	28.00	28.49	52.0	0.0	0.548
98.00	0.35	1.63	0.00	0.00	0.00	27.62	28.11	52.0	0.0	0.541
99.00	0.34	1.63	0.00	0.00	0.00	27.23	27.72	52.0	0.0	0.533
100.00	0.34	1.64	0.00	0.00	0.00	26.84	27.32	52.0	0.0	0.526
101.00	0.34	1.64	0.00	0.00	0.00	26.44	26.92	52.0	0.0	0.518
102.00	0.33	1.65	0.00	0.00	0.00	26.03	26.52	52.0	0.0	0.510
103.00	0.33	1.65	0.00	0.00	0.00	25.62	26.11	52.0	0.0	0.502

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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 Shape : 18 Sides  
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Base Elev : 0.000 (ft)



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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

104.00	0.33	1.65	0.00	0.00	0.00	25.20	25.69	52.0	0.0	0.494
104.00	0.54	1.65	0.00	0.00	0.00	49.44	50.06	52.0	0.0	0.963
105.00	0.53	1.63	0.00	0.00	0.00	48.84	49.45	52.0	0.0	0.951
106.00	0.53	1.63	0.00	0.00	0.00	48.25	48.86	52.0	0.0	0.940
107.00	0.53	1.64	0.00	0.00	0.00	47.65	48.26	52.0	0.0	0.928
108.00	0.52	1.64	0.00	0.00	0.00	47.03	47.63	52.0	0.0	0.916
109.00	0.52	1.65	0.00	0.00	0.00	46.39	46.99	52.0	0.0	0.904
110.00	0.52	1.65	0.00	0.00	0.00	45.73	46.33	52.0	0.0	0.891
111.00	0.52	1.66	0.00	0.00	0.00	45.05	45.66	52.0	0.0	0.878
112.00	0.52	1.66	0.00	0.00	0.00	44.35	44.96	52.0	0.0	0.865
113.00	0.51	1.67	0.00	0.00	0.00	43.63	44.24	52.0	0.0	0.851
114.00	0.51	1.67	0.00	0.00	0.00	42.89	43.50	52.0	0.0	0.837
114.50	0.46	1.49	0.00	0.00	0.00	42.51	43.05	52.0	0.0	0.828
115.00	0.46	1.50	0.00	0.00	0.00	42.21	42.74	52.0	0.0	0.822
116.00	0.45	1.50	0.00	0.00	0.00	41.58	42.12	52.0	0.0	0.810
117.00	0.45	1.51	0.00	0.00	0.00	40.93	41.47	52.0	0.0	0.798
118.00	0.45	1.51	0.00	0.00	0.00	40.26	40.80	52.0	0.0	0.785
119.00	0.45	1.52	0.00	0.00	0.00	39.58	40.11	52.0	0.0	0.772
120.00	0.45	1.53	0.00	0.00	0.00	38.86	39.40	52.0	0.0	0.758
121.00	0.44	1.53	0.00	0.00	0.00	38.13	38.67	52.0	0.0	0.744
122.00	0.44	1.54	0.00	0.00	0.00	37.37	37.91	52.0	0.0	0.729
123.00	0.44	1.54	0.00	0.00	0.00	36.59	37.13	52.0	0.0	0.714
124.00	0.44	1.55	0.00	0.00	0.00	35.78	36.32	52.0	0.0	0.699
125.00	0.38	1.21	0.00	0.00	0.00	34.95	35.40	52.0	0.0	0.681
126.00	0.38	1.22	0.00	0.00	0.00	34.41	34.86	52.0	0.0	0.671
127.00	0.38	1.22	0.00	0.00	0.00	33.85	34.30	52.0	0.0	0.660
128.00	0.38	1.23	0.00	0.00	0.00	33.28	33.72	52.0	0.0	0.649
129.00	0.37	1.23	0.00	0.00	0.00	32.68	33.12	52.0	0.0	0.637
130.00	0.37	1.24	0.00	0.00	0.00	32.07	32.51	52.0	0.0	0.625
131.00	0.37	1.24	0.00	0.00	0.00	31.43	31.87	52.0	0.0	0.613
132.00	0.28	1.04	0.00	0.00	0.00	30.77	31.10	52.0	0.0	0.598
132.12	0.28	1.04	0.00	0.00	0.00	30.71	31.05	52.0	0.0	0.597
133.00	0.28	1.04	0.00	0.00	0.00	30.29	30.62	52.0	0.0	0.589
134.00	0.27	0.92	0.00	0.00	0.00	29.80	30.11	52.0	0.0	0.579
135.00	0.26	0.92	0.00	0.00	0.00	29.41	29.72	52.0	0.0	0.572
135.87	0.43	1.51	0.00	0.00	0.00	46.25	46.74	52.0	0.0	0.899
136.00	0.42	1.51	0.00	0.00	0.00	46.16	46.66	52.0	0.0	0.898
137.00	0.42	1.52	0.00	0.00	0.00	45.49	45.98	52.0	0.0	0.885
138.00	0.42	1.52	0.00	0.00	0.00	44.79	45.29	52.0	0.0	0.871
139.00	0.42	1.52	0.00	0.00	0.00	44.07	44.56	52.0	0.0	0.857
140.00	0.38	1.35	0.00	0.00	0.00	42.68	43.12	52.0	0.0	0.830
141.00	0.38	1.35	0.00	0.00	0.00	42.09	42.53	52.0	0.0	0.818
142.00	0.37	1.35	0.00	0.00	0.00	41.47	41.91	52.0	0.0	0.806
143.00	0.37	1.35	0.00	0.00	0.00	40.84	41.28	52.0	0.0	0.794
144.00	0.37	1.36	0.00	0.00	0.00	40.18	40.62	52.0	0.0	0.781
145.00	0.36	1.36	0.00	0.00	0.00	39.50	39.94	52.0	0.0	0.768
146.00	0.36	1.36	0.00	0.00	0.00	38.80	39.23	52.0	0.0	0.755
147.00	0.36	1.37	0.00	0.00	0.00	38.07	38.50	52.0	0.0	0.741
148.00	0.36	1.37	0.00	0.00	0.00	37.32	37.75	52.0	0.0	0.726
149.00	0.35	1.37	0.00	0.00	0.00	36.54	36.97	52.0	0.0	0.711
150.00	0.34	1.34	0.00	0.00	0.00	35.73	36.14	52.0	0.0	0.695
151.00	0.34	1.35	0.00	0.00	0.00	34.93	35.34	52.0	0.0	0.680
152.00	0.33	1.35	0.00	0.00	0.00	34.10	34.51	52.0	0.0	0.664
153.00	0.33	1.35	0.00	0.00	0.00	33.24	33.66	52.0	0.0	0.647
154.00	0.33	1.36	0.00	0.00	0.00	32.35	32.76	52.0	0.0	0.630
155.00	0.33	1.36	0.00	0.00	0.00	31.43	31.84	52.0	0.0	0.613
156.00	0.32	1.36	0.00	0.00	0.00	30.47	30.88	52.0	0.0	0.594

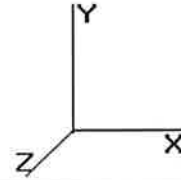
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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**Load Case:** No Ice                      80.00 mph Wind with No Ice                      34 Iterations  
 Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

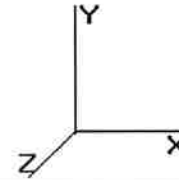
157.00	0.32	1.37	0.00	0.00	0.00	29.47	29.89	52.0	0.0	0.575
158.00	0.32	1.37	0.00	0.00	0.00	28.44	28.85	52.0	0.0	0.555
159.00	0.31	1.38	0.00	0.00	0.00	27.36	27.78	52.0	0.0	0.534
160.00	0.31	1.38	0.00	0.00	0.00	26.24	26.66	52.0	0.0	0.513
161.00	0.31	1.39	0.00	0.00	0.00	25.07	25.50	52.0	0.0	0.491
162.00	0.31	1.39	0.00	0.00	0.00	23.86	24.29	52.0	0.0	0.467
163.00	0.30	1.39	0.00	0.00	0.00	22.60	23.03	52.0	0.0	0.443
164.00	0.30	1.40	0.00	0.00	0.00	21.29	21.72	52.0	0.0	0.418
165.00	0.30	1.40	0.00	0.00	0.00	19.92	20.36	52.0	0.0	0.392
166.00	0.22	0.88	0.00	0.00	0.00	18.49	18.77	52.0	0.0	0.361
167.00	0.22	0.89	0.00	0.00	0.00	17.73	18.01	52.0	0.0	0.347
168.00	0.22	0.89	0.00	0.00	0.00	16.93	17.22	52.0	0.0	0.331
169.00	0.21	0.89	0.00	0.00	0.00	16.11	16.39	52.0	0.0	0.315
170.00	0.21	0.89	0.00	0.00	0.00	15.25	15.53	52.0	0.0	0.299
171.00	0.21	0.89	0.00	0.00	0.00	14.35	14.64	52.0	0.0	0.282
172.00	0.21	0.90	0.00	0.00	0.00	13.41	13.70	52.0	0.0	0.264
173.00	0.20	0.90	0.00	0.00	0.00	12.42	12.72	52.0	0.0	0.245
174.00	0.20	0.90	0.00	0.00	0.00	11.40	11.71	52.0	0.0	0.225
175.00	0.20	0.91	0.00	0.00	0.00	10.32	10.64	52.0	0.0	0.205
176.00	0.20	0.91	0.00	0.00	0.00	9.20	9.53	52.0	0.0	0.183
177.00	0.20	0.91	0.00	0.00	0.00	8.02	8.37	52.0	0.0	0.161
178.00	0.19	0.91	0.00	0.00	0.00	6.79	7.16	52.0	0.0	0.138
179.00	0.19	0.92	0.00	0.00	0.00	5.49	5.90	52.0	0.0	0.114
180.00	0.00	0.86	0.00	0.00	0.00	4.14	4.40	52.0	0.0	0.085

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Shaft Segment Forces**

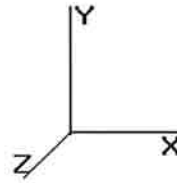
Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)	
0.00		0.00	1.00	12.287	20.76	304.54	0.650	0.500	0.00	0.000	0.00	0.0	0.0	
1.00		0.00	1.00	12.287	20.76	303.27	0.650	0.500	1.00	4.470	2.91	60.3	32.7	346.2
2.00		0.00	1.00	12.287	20.76	302.00	0.650	0.500	1.00	4.452	2.89	60.1	32.6	345.0
3.00		0.00	1.00	12.287	20.76	300.74	0.650	0.500	1.00	4.433	2.88	59.8	32.5	343.8
4.00		0.00	1.00	12.287	20.76	299.47	0.650	0.500	1.00	4.415	2.87	59.6	32.3	342.7
5.00		0.00	1.00	12.287	20.76	298.20	0.650	0.500	1.00	4.397	2.86	59.3	32.2	341.5
6.00		0.00	1.00	12.287	20.76	296.94	0.650	0.500	1.00	4.379	2.85	59.1	32.1	340.3
7.00		0.00	1.00	12.287	20.76	295.67	0.650	0.500	1.00	4.360	2.83	58.9	31.9	339.2
8.00		0.00	1.00	12.287	20.76	294.40	0.650	0.500	1.00	4.342	2.82	58.6	31.8	338.0
9.00		0.00	1.00	12.287	20.76	293.14	0.650	0.500	1.00	4.324	2.81	58.4	31.6	336.8
10.00		0.00	1.00	12.287	20.76	291.87	0.650	0.500	1.00	4.305	2.80	58.1	31.5	335.6
11.00		0.00	1.00	12.287	20.76	290.60	0.650	0.500	1.00	4.287	2.79	57.9	31.4	334.5
12.00		0.00	1.00	12.287	20.76	289.34	0.650	0.500	1.00	4.269	2.77	57.6	31.2	333.3
13.00		0.00	1.00	12.287	20.76	288.07	0.650	0.500	1.00	4.251	2.76	57.4	31.1	332.1
14.00		0.00	1.00	12.287	20.76	286.80	0.650	0.500	1.00	4.232	2.75	57.1	31.0	330.9
15.00		0.00	1.00	12.287	20.76	285.53	0.650	0.500	1.00	4.214	2.74	56.9	30.8	329.8
16.00		0.00	1.00	12.287	20.76	284.27	0.650	0.500	1.00	4.196	2.73	56.6	30.7	328.6
17.00		0.00	1.00	12.287	20.76	283.00	0.650	0.500	1.00	4.177	2.72	56.4	30.6	327.4
18.00		0.00	1.00	12.287	20.76	281.73	0.650	0.500	1.00	4.159	2.70	56.1	30.4	326.3
19.00		0.00	1.00	12.287	20.76	280.47	0.650	0.500	1.00	4.141	2.69	55.9	30.3	325.1
20.00		0.00	1.00	12.287	20.76	279.20	0.650	0.500	1.00	4.123	2.68	55.6	30.2	323.9
21.00		0.00	1.00	12.287	20.76	277.93	0.650	0.500	1.00	4.104	2.67	55.4	30.0	322.7
22.00		0.00	1.00	12.287	20.76	276.67	0.650	0.500	1.00	4.086	2.66	55.2	29.9	321.6
23.00		0.00	1.00	12.287	20.76	275.40	0.650	0.500	1.00	4.068	2.64	54.9	29.7	320.4
24.00		0.00	1.00	12.287	20.76	274.13	0.650	0.500	1.00	4.049	2.63	54.7	29.6	319.2
25.00		0.00	1.00	12.287	20.76	272.87	0.650	0.500	1.00	4.031	2.62	54.4	29.5	318.1
26.00		0.00	1.00	12.287	20.76	271.60	0.650	0.500	1.00	4.013	2.61	54.2	29.3	316.9
27.00		0.00	1.00	12.287	20.76	270.33	0.650	0.500	1.00	3.995	2.60	53.9	29.2	315.7
28.00		0.00	1.00	12.287	20.76	269.06	0.650	0.500	1.00	3.976	2.58	53.7	29.1	314.5
29.00		0.00	1.00	12.287	20.76	267.80	0.650	0.500	1.00	3.958	2.57	53.4	28.9	313.4
30.00	Appertunance(s)	0.00	1.00	12.287	20.76	266.53	0.650	0.500	1.00	3.940	2.56	53.2	28.8	312.2
31.00		0.00	1.00	12.287	20.76	265.26	0.650	0.500	1.00	3.921	2.55	52.9	28.7	311.0
32.00		0.00	1.00	12.287	20.76	264.00	0.650	0.500	1.00	3.903	2.54	52.7	28.5	309.8
33.00		0.00	1.00	12.287	20.76	262.73	0.650	0.500	1.00	3.885	2.53	52.4	28.4	308.7
34.00		0.00	1.00	12.393	20.94	262.58	0.650	0.500	1.00	3.867	2.51	52.6	28.3	307.5
35.00		0.00	1.01	12.496	21.11	262.39	0.650	0.500	1.00	3.848	2.50	52.8	28.1	306.3
36.00		0.00	1.02	12.597	21.28	262.17	0.650	0.500	1.00	3.830	2.49	53.0	28.0	305.2
37.00		0.00	1.03	12.696	21.45	261.91	0.650	0.500	1.00	3.812	2.48	53.2	27.9	304.0
38.00		0.00	1.04	12.793	21.62	261.62	0.650	0.500	1.00	3.793	2.47	53.3	27.7	302.8
39.00		0.00	1.04	12.888	21.78	261.29	0.650	0.500	1.00	3.775	2.45	53.4	27.6	301.6
40.00		0.00	1.05	12.982	21.93	260.94	0.650	0.500	1.00	3.757	2.44	53.6	27.4	300.5
41.00		0.00	1.06	13.073	22.09	260.55	0.650	0.500	1.00	3.739	2.43	53.7	27.3	299.3
42.00		0.00	1.07	13.164	22.24	260.14	0.650	0.500	1.00	3.720	2.42	53.8	27.2	298.1
42.96	Bot - Section 2	0.00	1.07	13.249	22.39	259.72	0.650	0.500	0.96	3.542	2.30	51.5	25.9	284.1
43.00		0.00	1.07	13.253	22.39	259.70	0.650	0.500	0.04	0.163	0.11	2.4	1.2	20.6
44.00		0.00	1.08	13.340	22.54	259.23	0.650	0.500	1.00	3.746	2.44	54.9	27.4	472.7
45.00		0.00	1.09	13.426	22.69	258.74	0.650	0.500	1.00	3.728	2.42	55.0	27.2	470.7
46.00		0.00	1.10	13.510	22.83	258.23	0.650	0.500	1.00	3.710	2.41	55.1	27.1	468.6
47.00		0.00	1.10	13.594	22.97	257.69	0.650	0.500	1.00	3.691	2.40	55.1	27.0	466.6
48.00		0.00	1.11	13.676	23.11	257.13	0.650	0.500	1.00	3.673	2.39	55.2	26.8	464.5
49.00		0.00	1.12	13.756	23.24	256.55	0.650	0.500	1.00	3.655	2.38	55.2	26.7	462.4

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.04	Top - Section 1	0.00	1.12	13.760	23.25	256.52	0.650	0.500	0.04	0.145	0.09	2.2	1.1	18.4
50.00		0.00	1.12	13.836	23.38	260.54	0.650	0.500	0.96	3.491	2.27	53.1	25.5	253.9
51.00		0.00	1.13	13.915	23.51	259.93	0.650	0.500	1.00	3.618	2.35	55.3	26.4	263.5
52.00		0.00	1.13	13.992	23.64	259.30	0.650	0.500	1.00	3.600	2.34	55.3	26.3	262.5
53.00		0.00	1.14	14.068	23.77	258.65	0.650	0.500	1.00	3.582	2.33	55.4	26.1	261.4
54.00		0.00	1.15	14.144	23.90	257.98	0.650	0.500	1.00	3.563	2.32	55.4	26.0	260.4
55.00		0.00	1.15	14.218	24.02	257.30	0.650	0.500	1.00	3.545	2.30	55.4	25.9	259.4
56.00		0.00	1.16	14.291	24.15	256.59	0.650	0.500	1.00	3.527	2.29	55.4	25.7	258.4
57.00		0.00	1.16	14.364	24.27	255.87	0.650	0.500	1.00	3.508	2.28	55.4	25.6	257.3
58.00		0.00	1.17	14.435	24.39	255.14	0.650	0.500	1.00	3.490	2.27	55.3	25.5	256.3
59.00		0.00	1.18	14.506	24.51	254.38	0.650	0.500	1.00	3.472	2.26	55.3	25.3	255.3
60.00		0.00	1.18	14.576	24.63	253.61	0.650	0.500	1.00	3.454	2.24	55.3	25.2	254.3
61.00		0.00	1.19	14.645	24.75	252.83	0.650	0.500	1.00	3.435	2.23	55.3	25.1	253.3
62.00		0.00	1.19	14.713	24.86	252.03	0.650	0.500	1.00	3.417	2.22	55.2	24.9	252.2
63.00		0.00	1.20	14.781	24.97	251.22	0.650	0.500	1.00	3.399	2.21	55.2	24.8	251.2
64.00		0.00	1.20	14.847	25.09	250.39	0.650	0.500	1.00	3.380	2.20	55.1	24.7	250.2
65.00		0.00	1.21	14.913	25.20	249.55	0.650	0.500	1.00	3.362	2.19	55.1	24.5	249.2
66.00		0.00	1.21	14.978	25.31	248.70	0.650	0.500	1.00	3.344	2.17	55.0	24.4	248.1
67.00		0.00	1.22	15.043	25.42	247.83	0.650	0.500	1.00	3.326	2.16	55.0	24.3	247.1
68.00		0.00	1.22	15.107	25.53	246.95	0.650	0.500	1.00	3.307	2.15	54.9	24.1	246.1
69.00		0.00	1.23	15.170	25.63	246.06	0.650	0.500	1.00	3.289	2.14	54.8	24.0	245.1
70.00		0.00	1.24	15.232	25.74	245.16	0.650	0.500	1.00	3.271	2.13	54.7	23.8	244.0
71.00		0.00	1.24	15.294	25.84	244.24	0.650	0.500	1.00	3.252	2.11	54.6	23.7	243.0
72.00		0.00	1.25	15.355	25.95	243.31	0.650	0.500	1.00	3.234	2.10	54.6	23.6	242.0
73.00		0.00	1.25	15.416	26.05	242.37	0.650	0.500	1.00	3.216	2.09	54.5	23.4	241.0
74.00		0.00	1.26	15.476	26.15	241.42	0.650	0.500	1.00	3.198	2.08	54.4	23.3	239.9
75.00		0.00	1.26	15.536	26.25	240.46	0.650	0.500	1.00	3.179	2.07	54.3	23.2	238.9
76.00		0.00	1.26	15.594	26.35	239.49	0.650	0.500	1.00	3.161	2.05	54.1	23.0	237.9
77.00		0.00	1.27	15.653	26.45	238.51	0.650	0.500	1.00	3.143	2.04	54.0	22.9	236.9
78.00	Appertunance(s)	0.00	1.27	15.711	26.55	237.51	0.650	0.500	1.00	3.124	2.03	53.9	22.8	235.8
79.00		0.00	1.28	15.768	26.64	236.51	0.650	0.500	1.00	3.106	2.02	53.8	22.6	234.8
80.00		0.00	1.28	15.825	26.74	235.50	0.650	0.500	1.00	3.088	2.01	53.7	22.5	233.8
81.00		0.00	1.29	15.881	26.83	234.48	0.650	0.500	1.00	3.070	2.00	53.5	22.4	232.8
82.00		0.00	1.29	15.937	26.93	233.45	0.650	0.500	1.00	3.051	1.98	53.4	22.2	231.7
83.00		0.00	1.30	15.992	27.02	232.41	0.650	0.500	1.00	3.033	1.97	53.3	22.1	230.7
84.00		0.00	1.30	16.047	27.11	231.36	0.650	0.500	1.00	3.015	1.96	53.1	21.9	229.7
85.00		0.00	1.31	16.101	27.21	230.30	0.650	0.500	1.00	2.996	1.95	53.0	21.8	228.7
86.00		0.00	1.31	16.155	27.30	229.23	0.650	0.500	1.00	2.978	1.94	52.9	21.7	227.6
87.00		0.00	1.31	16.209	27.39	228.15	0.650	0.500	1.00	2.960	1.92	52.7	21.5	226.6
87.54	Bot - Section 3	0.00	1.32	16.237	27.44	227.57	0.650	0.500	0.54	1.590	1.03	28.4	11.6	121.9
88.00		0.00	1.32	16.262	27.48	227.07	0.650	0.500	0.46	1.375	0.89	24.6	10.0	157.5
89.00		0.00	1.32	16.314	27.57	225.97	0.650	0.500	1.00	2.975	1.93	53.3	21.7	341.0
90.00		0.00	1.33	16.366	27.65	224.87	0.650	0.500	1.00	2.957	1.92	53.2	21.5	339.3
91.00		0.00	1.33	16.418	27.74	223.76	0.650	0.500	1.00	2.939	1.91	53.0	21.4	337.5
92.00		0.00	1.34	16.469	27.83	222.65	0.650	0.500	1.00	2.920	1.90	52.8	21.3	335.7
92.46	Top - Section 2	0.00	1.34	16.493	27.87	222.13	0.650	0.500	0.46	1.327	0.86	24.0	9.7	152.7
93.00		0.00	1.34	16.520	27.91	225.71	0.650	0.500	0.54	1.575	1.02	28.6	11.5	109.2
94.00		0.00	1.34	16.571	28.00	224.58	0.650	0.500	1.00	2.884	1.87	52.5	21.0	200.1
95.00	Appertunance(s)	0.00	1.35	16.621	28.09	223.45	0.650	0.500	1.00	2.866	1.86	52.3	20.8	199.3
96.00		0.00	1.35	16.671	28.17	222.31	0.650	0.500	1.00	2.847	1.85	52.1	20.7	198.4
97.00		0.00	1.36	16.720	28.25	221.16	0.650	0.500	1.00	2.829	1.84	52.0	20.6	197.5
98.00		0.00	1.36	16.769	28.34	220.00	0.650	0.500	1.00	2.811	1.83	51.8	20.4	196.6
99.00		0.00	1.36	16.818	28.42	218.84	0.650	0.500	1.00	2.792	1.82	51.6	20.3	195.8
100.0		0.00	1.37	16.866	28.50	217.67	0.650	0.500	1.00	2.774	1.80	51.4	20.2	194.9
101.0		0.00	1.37	16.914	28.58	216.49	0.650	0.500	1.00	2.756	1.79	51.2	20.0	194.0
102.0		0.00	1.38	16.962	28.66	215.31	0.650	0.500	1.00	2.738	1.78	51.0	19.9	193.1
103.0		0.00	1.38	17.009	28.74	214.12	0.650	0.500	1.00	2.719	1.77	50.8	19.8	192.3





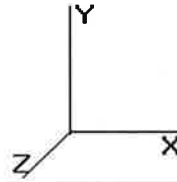
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	<b>69.28 mph Wind with Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

158.0	0.00	1.56	19.221	32.48	143.17	0.650	0.500	1.00	1.745	1.13	36.8	12.5	52.5	
159.0	0.00	1.56	19.256	32.54	141.71	0.650	0.500	1.00	1.727	1.12	36.5	12.4	52.0	
160.0	0.00	1.57	19.290	32.60	140.25	0.650	0.500	1.00	1.708	1.11	36.2	12.3	51.4	
161.0	0.00	1.57	19.325	32.65	138.79	0.650	0.500	1.00	1.690	1.10	35.9	12.1	50.8	
162.0	0.00	1.57	19.359	32.71	137.32	0.650	0.500	1.00	1.672	1.09	35.5	12.0	50.2	
163.0	0.00	1.57	19.393	32.77	135.85	0.650	0.500	1.00	1.653	1.07	35.2	11.9	49.6	
164.0	0.00	1.58	19.427	32.83	134.38	0.650	0.500	1.00	1.635	1.06	34.9	11.7	49.1	
165.0	0.00	1.58	19.461	32.88	132.90	0.650	0.500	1.00	1.617	1.05	34.6	11.6	48.5	
166.0	Appertunance(s)	0.00	1.58	19.494	32.94	131.42	0.650	0.500	1.00	1.598	1.04	34.2	11.5	47.9
167.0		0.00	1.58	19.528	33.00	129.93	0.650	0.500	1.00	1.580	1.03	33.9	11.3	47.3
168.0		0.00	1.59	19.561	33.05	128.44	0.650	0.500	1.00	1.562	1.02	33.6	11.2	46.7
169.0		0.00	1.59	19.594	33.11	126.95	0.650	0.500	1.00	1.544	1.00	33.2	11.1	46.2
170.0		0.00	1.59	19.628	33.17	125.46	0.650	0.500	1.00	1.525	0.99	32.9	10.9	45.6
171.0		0.00	1.60	19.660	33.22	123.96	0.650	0.500	1.00	1.507	0.98	32.5	10.8	45.0
172.0		0.00	1.60	19.693	33.28	122.46	0.650	0.500	1.00	1.489	0.97	32.2	10.6	44.4
173.0		0.00	1.60	19.726	33.33	120.96	0.650	0.500	1.00	1.470	0.96	31.9	10.5	43.8
174.0		0.00	1.60	19.758	33.39	119.45	0.650	0.500	1.00	1.452	0.94	31.5	10.4	43.3
175.0		0.00	1.61	19.791	33.44	117.94	0.650	0.500	1.00	1.434	0.93	31.2	10.2	42.7
176.0		0.00	1.61	19.823	33.50	116.43	0.650	0.500	1.00	1.416	0.92	30.8	10.1	42.1
177.0		0.00	1.61	19.855	33.55	114.91	0.650	0.500	1.00	1.397	0.91	30.5	10.0	41.5
178.0		0.00	1.61	19.887	33.60	113.39	0.650	0.500	1.00	1.379	0.90	30.1	9.8	40.9
179.0		0.00	1.62	19.919	33.66	111.87	0.650	0.500	1.00	1.361	0.88	29.8	9.7	40.4
180.0	Appertunance(s)	0.00	1.62	19.951	33.71	110.34	0.650	0.500	1.00	1.342	0.87	29.4	9.6	39.8
							Totals:	180.00			8,789.9	3,819.5	36,037.8	

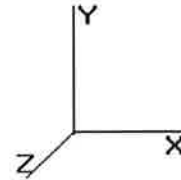
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Discrete Appurtenance Segment Forces**

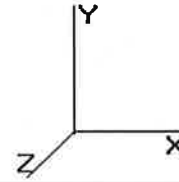
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	12.287	20.766	1.00	1.21	0.000	0.000	25.13	0.00	0.00	18.24
78.00	PCTEL GPS-TMG-HR-	1	15.711	26.551	1.00	0.14	0.000	0.000	3.72	0.00	0.00	1.90
95.00	Flat Side Arm	3	16.621	28.090	0.67	14.07	0.000	0.000	395.22	0.00	0.00	690.00
95.00	Bird 429-83H-01-T	1	16.621	28.090	0.33	0.43	0.000	0.000	11.96	0.00	0.00	29.20
95.00	Andrew DB586	1	16.720	28.257	1.00	1.23	0.000	2.000	34.76	0.00	69.51	0.00
95.00	Andrew DB586	1	16.520	27.919	1.00	1.23	0.000	-2.000	34.34	0.00	-68.68	0.00
105.0	RFS APXV18-206517S-	3	17.103	28.904	0.80	14.04	0.000	0.000	405.82	0.00	0.00	159.39
114.5	Decibel DB844H90E-	12	17.532	29.629	0.91	46.85	0.000	0.000	1,388.01	0.00	0.00	483.59
114.5	Round Low Profile PI	1	17.532	29.629	1.00	27.20	0.000	0.000	805.90	0.00	0.00	1,700.00
125.0	Antel LPA-80080/6CF	4	17.977	30.381	0.74	29.39	0.000	0.000	892.98	0.00	0.00	200.00
125.0	Round Low Profile PI	1	17.977	30.381	1.00	27.20	0.000	0.000	826.35	0.00	0.00	1,700.00
125.0	Amp Antel BXA-70063/	2	17.977	30.381	0.65	11.10	0.000	0.000	337.28	0.00	0.00	116.00
125.0	A Antel BXA-171085-1	2	17.977	30.381	0.82	8.94	0.000	0.000	271.54	0.00	0.00	84.80
125.0	A Antel BXA-171063-1	1	17.977	30.381	0.88	4.80	0.000	0.000	145.97	0.00	0.00	42.40
125.0	RFS FD9R6004/2C-3L	6	17.977	30.381	0.50	1.50	0.000	0.000	45.57	0.00	0.00	32.40
125.0	Amphenol Antel BXA-7	1	17.977	30.381	1.00	17.24	0.000	0.000	523.76	0.00	0.00	119.40
125.0	Antel LPA-80063/6CF	2	17.977	30.381	0.91	20.35	0.000	0.000	618.18	0.00	0.00	202.00
132.0	Alcatel-Lucent 1900M	3	18.259	30.857	0.67	8.44	0.000	0.000	260.50	0.00	0.00	225.60
132.0	Alcatel-Lucent 800 M	3	18.259	30.857	0.67	6.55	0.000	0.000	202.20	0.00	0.00	263.40
132.0	Flat Platform w/ Han	1	18.259	30.857	1.00	48.40	0.000	0.000	1,493.50	0.00	0.00	2,450.00
134.0	RFS APXVSP18-C-	3	18.337	30.990	0.68	18.52	0.000	0.000	574.04	0.00	0.00	319.50
134.0	Andrew DB980H90E-M	6	18.337	30.990	0.79	21.19	0.000	0.000	656.62	0.00	0.00	176.82
140.0	Round Side Arm	3	18.568	31.381	0.67	11.86	0.000	0.000	372.14	0.00	0.00	525.00
140.0	Telewave ANT150D	1	18.644	31.508	1.00	4.62	0.000	2.000	145.57	0.00	291.13	38.90
140.0	Sinclair SC432D-HF6L	1	18.829	31.821	1.00	6.52	0.000	7.000	207.47	0.00	1,452.31	86.00
140.0	Decibel DB809K-XT	3	18.792	31.759	1.00	14.76	0.000	6.000	468.76	0.00	2,812.58	192.00
140.0	Bird 432-83H-01-T	2	18.568	31.381	0.33	0.85	0.000	0.000	26.72	0.00	0.00	58.40
150.0	Round Side Arm	1	18.938	32.005	0.67	3.95	0.000	0.000	126.52	0.00	0.00	175.00
150.0	Sinclair SD210C2-SF2	1	18.938	32.005	1.00	4.40	0.000	0.000	140.82	0.00	0.00	39.80
166.0	Round T-Arm	3	19.494	32.946	0.67	24.32	0.000	0.000	801.27	0.00	0.00	942.00
166.0	CCI DTMA-1819-DD-12	6	19.494	32.946	0.33	1.78	0.000	0.000	58.71	0.00	0.00	115.80
166.0	RFS APX16PV-16PVL-	9	19.494	32.946	0.65	42.69	0.000	0.000	1,406.56	0.00	0.00	635.81
180.0	Flat Low Profile Pla	1	19.951	33.717	1.00	31.60	0.000	0.000	1,065.45	0.00	0.00	1,700.00
180.0	Powerwave Allgon	6	20.076	33.929	0.33	3.03	0.000	4.000	102.78	0.00	411.14	127.56
180.0	Powerwave Allgon 777	6	20.076	33.929	0.64	25.08	0.000	4.000	850.78	0.00	3,403.11	405.78
180.0	Ericsson RRUS 11	6	20.076	33.929	0.67	13.43	0.000	4.000	455.56	0.00	1,822.24	419.40
180.0	Andrew ABT-DMDF-	1	20.076	33.929	0.50	0.05	0.000	4.000	1.87	0.00	7.46	1.80
180.0	KMW AM-X-CD-16-65-	3	20.076	33.929	0.66	17.98	0.000	4.000	609.99	0.00	2,439.96	285.00
180.0	10' Omni	1	20.261	34.242	1.00	4.00	0.000	10.000	136.97	0.00	1,369.66	25.00
									16,931.25			14,787.89

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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 Shape : 18 Sides  
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Linear Appurtenance Segment Forces**

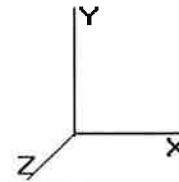
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
1.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
1.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
2.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
2.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
3.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
3.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
4.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
4.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
5.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
5.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
6.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
6.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
7.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
7.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
8.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
8.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
9.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
9.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

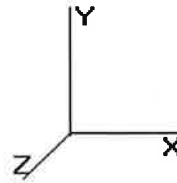
9.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
10.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
10.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
11.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
11.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
12.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
12.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
13.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
13.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
14.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
14.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
15.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
15.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
16.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
16.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
17.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
17.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
18.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
18.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case: Ice**

69.28 mph Wind with Ice

34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

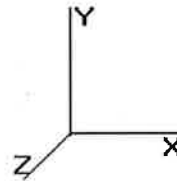
19.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
19.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
19.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
20.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
20.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
21.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
21.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
22.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
22.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
23.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
23.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
24.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
24.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
25.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
25.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
26.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
26.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
27.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
27.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
28.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
28.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	<b>69.28 mph Wind with Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

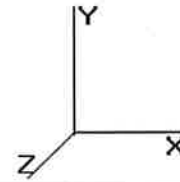
28.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
29.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
29.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
30.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
30.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
31.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
31.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
31.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
31.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
32.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
32.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
32.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
32.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
33.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
33.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
34.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.393	12.57	42.03
34.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.393	12.57	42.03
34.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.393	0.00	0.00
34.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.393	0.00	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.393	0.00	0.00
35.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.496	12.67	42.03
35.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.496	12.67	42.03
35.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.496	0.00	0.00
35.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.496	0.00	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.496	0.00	0.00
36.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.597	12.77	42.03
36.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.597	12.77	42.03
36.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.597	0.00	0.00
36.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.597	0.00	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.597	0.00	0.00
37.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.696	12.87	42.03
37.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.696	12.87	42.03
37.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.696	0.00	0.00
37.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.696	0.00	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.696	0.00	0.00
38.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.793	12.97	42.03
38.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.793	12.97	42.03
38.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.793	0.00	0.00
38.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.793	0.00	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.793	0.00	0.00
39.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.888	13.07	42.03
39.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.888	13.07	42.03

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev: 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

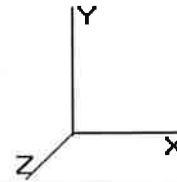
39.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.888	0.00	0.00
39.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.888	0.00	0.00
39.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.888	0.00	0.00
40.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.982	13.16	42.03
40.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.982	13.16	42.03
40.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.982	0.00	0.00
40.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.982	0.00	0.00
40.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.982	0.00	0.00
41.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.073	13.26	42.03
41.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.073	13.26	42.03
41.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.073	0.00	0.00
41.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.073	0.00	0.00
41.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.073	0.00	0.00
42.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.164	13.35	42.03
42.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.164	13.35	42.03
42.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.96	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.249	12.85	40.20
42.96	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.249	12.85	40.20
42.96	(12) 1 1/4" Coax	Yes	0.96	0.00	0.00	13.249	0.00	0.00
42.96	(1) Reinforcement	Yes	0.96	0.00	0.00	13.249	0.00	0.00
42.96	(6) 1 5/8" Coax	Yes	0.96	0.00	0.00	13.249	0.00	0.00
43.00	(12) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.253	0.58	1.83
43.00	(12) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.253	0.58	1.83
43.00	(12) 1 1/4" Coax	Yes	0.04	0.00	0.00	13.253	0.00	0.00
43.00	(1) Reinforcement	Yes	0.04	0.00	0.00	13.253	0.00	0.00
43.00	(6) 1 5/8" Coax	Yes	0.04	0.00	0.00	13.253	0.00	0.00
44.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.340	13.53	42.03
44.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.340	13.53	42.03
44.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.340	0.00	0.00
44.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.340	0.00	0.00
44.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.340	0.00	0.00
45.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.426	13.61	42.03
45.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.426	13.61	42.03
45.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.426	0.00	0.00
45.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.426	0.00	0.00
45.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.426	0.00	0.00
46.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.510	13.70	42.03
46.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.510	13.70	42.03
46.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.510	0.00	0.00
46.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.510	0.00	0.00
46.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.510	0.00	0.00
47.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.594	13.78	42.03
47.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.594	13.78	42.03
47.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.594	0.00	0.00
47.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.594	0.00	0.00
47.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.594	0.00	0.00
48.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.676	13.87	42.03
48.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.676	13.87	42.03
48.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.676	0.00	0.00
48.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.676	0.00	0.00
48.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.676	0.00	0.00
49.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.756	13.95	42.03
49.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.756	13.95	42.03
49.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.756	0.00	0.00
49.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.756	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.756	0.00	0.00
49.04	(12) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.760	0.56	1.68
49.04	(12) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.760	0.56	1.68
49.04	(12) 1 1/4" Coax	Yes	0.04	0.00	0.00	13.760	0.00	0.00
49.04	(1) Reinforcement	Yes	0.04	0.00	0.00	13.760	0.00	0.00
49.04	(6) 1 5/8" Coax	Yes	0.04	0.00	0.00	13.760	0.00	0.00
50.00	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.836	13.47	40.35
50.00	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.836	13.47	40.35
50.00	(12) 1 1/4" Coax	Yes	0.96	0.00	0.00	13.836	0.00	0.00
50.00	(1) Reinforcement	Yes	0.96	0.00	0.00	13.836	0.00	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	0.00	0.00	13.836	0.00	0.00
51.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.915	14.11	42.03
51.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.915	14.11	42.03
51.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.915	0.00	0.00
51.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.915	0.00	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.915	0.00	0.00
52.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.992	14.19	42.03
52.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.992	14.19	42.03
52.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.992	0.00	0.00
52.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.992	0.00	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.992	0.00	0.00
53.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.068	14.27	42.03
53.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.068	14.27	42.03
53.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.068	0.00	0.00
53.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.068	0.00	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.068	0.00	0.00
54.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.144	14.34	42.03
54.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.144	14.34	42.03
54.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.144	0.00	0.00
54.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.144	0.00	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.144	0.00	0.00
55.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.218	14.42	42.03
55.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.218	14.42	42.03
55.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.218	0.00	0.00
55.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.218	0.00	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.218	0.00	0.00
56.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.291	14.49	42.03
56.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.291	14.49	42.03
56.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.291	0.00	0.00
56.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.291	0.00	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.291	0.00	0.00
57.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.364	14.57	42.03
57.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.364	14.57	42.03
57.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.364	0.00	0.00
57.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.364	0.00	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.364	0.00	0.00
58.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.435	14.64	42.03
58.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.435	14.64	42.03
58.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.435	0.00	0.00
58.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.435	0.00	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.435	0.00	0.00
59.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.506	14.71	42.03
59.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.506	14.71	42.03
59.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.506	0.00	0.00
59.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.506	0.00	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.506	0.00	0.00
60.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.576	14.78	42.03

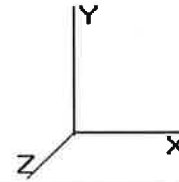


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	<b>69.28 mph Wind with Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

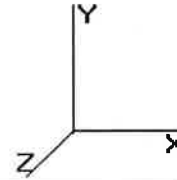
60.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.576	14.78	42.03
60.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.576	0.00	0.00
60.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.576	0.00	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.576	0.00	0.00
61.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.645	14.85	42.03
61.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.645	14.85	42.03
61.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.645	0.00	0.00
61.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.645	0.00	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.645	0.00	0.00
62.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.713	14.92	42.03
62.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.713	14.92	42.03
62.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.713	0.00	0.00
62.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.713	0.00	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.713	0.00	0.00
63.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.781	14.99	42.03
63.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.781	14.99	42.03
63.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.781	0.00	0.00
63.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.781	0.00	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.781	0.00	0.00
64.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.847	15.06	42.03
64.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.847	15.06	42.03
64.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.847	0.00	0.00
64.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.847	0.00	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.847	0.00	0.00
65.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.913	15.12	42.03
65.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.913	15.12	42.03
65.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.913	0.00	0.00
65.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.913	0.00	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.913	0.00	0.00
66.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.978	15.19	42.03
66.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.978	15.19	42.03
66.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.978	0.00	0.00
66.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.978	0.00	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.978	0.00	0.00
67.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.043	15.25	42.03
67.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.043	15.25	42.03
67.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.043	0.00	0.00
67.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.043	0.00	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.043	0.00	0.00
68.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.107	15.32	42.03
68.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.107	15.32	42.03
68.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.107	0.00	0.00
68.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.107	0.00	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.107	0.00	0.00
69.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.170	15.38	42.03
69.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.170	15.38	42.03
69.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.170	0.00	0.00
69.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.170	0.00	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.170	0.00	0.00
70.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.232	15.45	42.03
70.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.232	15.45	42.03
70.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.232	0.00	0.00
70.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.232	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.232	0.00	0.00
71.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.294	15.51	42.03
71.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.294	15.51	42.03
71.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.294	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	<b>69.28 mph Wind with Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

71.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.294	0.00	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.294	0.00	0.00
72.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.355	15.57	42.03
72.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.355	15.57	42.03
72.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.355	0.00	0.00
72.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.355	0.00	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.355	0.00	0.00
73.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.416	15.63	42.03
73.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.416	15.63	42.03
73.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.416	0.00	0.00
73.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.416	0.00	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.416	0.00	0.00
74.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.476	15.69	42.03
74.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.476	15.69	42.03
74.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.476	0.00	0.00
74.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.476	0.00	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.476	0.00	0.00
75.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.536	15.75	42.03
75.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.536	15.75	42.03
75.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.536	0.00	0.00
75.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.536	0.00	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.536	0.00	0.00
76.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.594	15.81	42.03
76.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.594	15.81	42.03
76.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.594	0.00	0.00
76.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.594	0.00	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.594	0.00	0.00
77.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.653	15.87	42.03
77.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.653	15.87	42.03
77.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.653	0.00	0.00
77.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.653	0.00	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.653	0.00	0.00
78.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.711	15.93	42.03
78.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.711	15.93	42.03
78.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.711	0.00	0.00
78.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.711	0.00	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.711	0.00	0.00
79.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.768	15.99	42.03
79.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.768	15.99	42.03
79.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.768	0.00	0.00
79.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.768	0.00	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.768	0.00	0.00
80.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.825	16.05	42.03
80.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.825	16.05	42.03
80.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.825	0.00	0.00
80.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.825	0.00	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.825	0.00	0.00
81.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.881	16.10	42.03
81.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.881	16.10	42.03
81.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.881	0.00	0.00
81.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.881	0.00	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.881	0.00	0.00
82.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.937	16.16	42.03
82.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.937	16.16	42.03
82.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.937	0.00	0.00
82.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.937	0.00	0.00
82.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.937	0.00	0.00

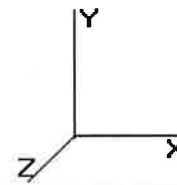
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

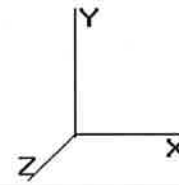
83.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.992	16.22	42.03
83.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.992	16.22	42.03
83.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.992	0.00	0.00
83.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.992	0.00	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.992	0.00	0.00
84.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.047	16.27	42.03
84.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.047	16.27	42.03
84.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.047	0.00	0.00
84.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.047	0.00	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.047	0.00	0.00
85.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.101	16.33	42.03
85.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.101	16.33	42.03
85.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.101	0.00	0.00
85.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.101	0.00	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.101	0.00	0.00
86.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.155	16.38	42.03
86.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.155	16.38	42.03
86.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.155	0.00	0.00
86.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.155	0.00	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.155	0.00	0.00
87.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.209	16.44	42.03
87.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.209	16.44	42.03
87.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.209	0.00	0.00
87.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.209	0.00	0.00
87.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.209	0.00	0.00
87.54	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.237	8.89	22.69
87.54	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.237	8.89	22.69
87.54	(12) 1 1/4" Coax	Yes	0.54	0.00	0.00	16.237	0.00	0.00
87.54	(1) Reinforcement	Yes	0.54	0.00	0.00	16.237	0.00	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	0.00	0.00	16.237	0.00	0.00
88.00	(12) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.262	7.59	19.34
88.00	(12) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.262	7.59	19.34
88.00	(12) 1 1/4" Coax	Yes	0.46	0.00	0.00	16.262	0.00	0.00
88.00	(1) Reinforcement	Yes	0.46	0.00	0.00	16.262	0.00	0.00
88.00	(6) 1 5/8" Coax	Yes	0.46	0.00	0.00	16.262	0.00	0.00
89.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.314	16.54	42.03
89.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.314	16.54	42.03
89.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.314	0.00	0.00
89.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.314	0.00	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.314	0.00	0.00
90.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.366	16.60	42.03
90.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.366	16.60	42.03
90.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.366	0.00	0.00
90.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.366	0.00	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.366	0.00	0.00
91.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.418	16.65	42.03
91.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.418	16.65	42.03
91.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.418	0.00	0.00
91.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.418	0.00	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.418	0.00	0.00
92.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.469	16.70	42.03
92.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.469	16.70	42.03
92.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.469	0.00	0.00
92.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.469	0.00	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.469	0.00	0.00
92.46	(12) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.493	7.64	19.19
92.46	(12) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.493	7.64	19.19

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

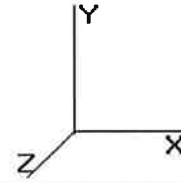
92.46	(12) 1 1/4" Coax	Yes	0.46	0.00	0.00	16.493	0.00	0.00
92.46	(1) Reinforcement	Yes	0.46	0.00	0.00	16.493	0.00	0.00
92.46	(6) 1 5/8" Coax	Yes	0.46	0.00	0.00	16.493	0.00	0.00
93.00	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.520	9.10	22.84
93.00	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.520	9.10	22.84
93.00	(12) 1 1/4" Coax	Yes	0.54	0.00	0.00	16.520	0.00	0.00
93.00	(1) Reinforcement	Yes	0.54	0.00	0.00	16.520	0.00	0.00
93.00	(6) 1 5/8" Coax	Yes	0.54	0.00	0.00	16.520	0.00	0.00
94.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.571	16.80	42.03
94.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.571	16.80	42.03
94.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.571	0.00	0.00
94.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.571	0.00	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.571	0.00	0.00
95.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.621	16.85	42.03
95.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.621	16.85	42.03
95.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.621	0.00	0.00
95.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.621	0.00	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.621	0.00	0.00
96.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.671	16.90	42.03
96.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.671	16.90	42.03
96.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.671	0.00	0.00
96.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.671	0.00	0.00
96.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.671	0.00	0.00
97.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.720	16.95	42.03
97.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.720	16.95	42.03
97.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.720	0.00	0.00
97.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.720	0.00	0.00
97.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.720	0.00	0.00
98.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.769	17.00	42.03
98.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.769	17.00	42.03
98.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.769	0.00	0.00
98.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.769	0.00	0.00
98.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.769	0.00	0.00
99.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.818	17.05	42.03
99.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.818	17.05	42.03
99.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.818	0.00	0.00
99.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.818	0.00	0.00
99.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.818	0.00	0.00
100.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.866	17.10	42.03
100.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.866	17.10	42.03
100.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.866	0.00	0.00
100.0	(1) Reinforcement	Yes	1.00	0.00	0.00	16.866	0.00	0.00
100.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.866	0.00	0.00
101.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.914	17.15	42.03
101.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.914	17.15	42.03
101.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.914	0.00	0.00
101.0	(1) Reinforcement	Yes	1.00	0.00	0.00	16.914	0.00	0.00
101.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.914	0.00	0.00
102.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.962	17.20	42.03
102.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.962	17.20	42.03
102.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.962	0.00	0.00
102.0	(1) Reinforcement	Yes	1.00	0.00	0.00	16.962	0.00	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.962	0.00	0.00
103.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.009	17.25	42.03
103.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.009	17.25	42.03
103.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.009	0.00	0.00
103.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.009	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	<b>69.28 mph Wind with Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

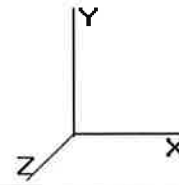
103.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.009	0.00	0.00
104.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.056	17.30	42.03
104.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.056	17.30	42.03
104.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.056	0.00	0.00
104.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.056	0.00	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.056	0.00	0.00
105.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.103	17.34	42.03
105.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.103	17.34	42.03
105.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.103	0.00	0.00
105.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.103	0.00	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.103	0.00	0.00
106.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.150	17.39	42.03
106.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.150	17.39	42.03
106.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.150	0.00	0.00
106.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.150	0.00	0.00
107.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.196	17.44	42.03
107.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.196	17.44	42.03
107.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.196	0.00	0.00
107.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.196	0.00	0.00
108.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.241	17.48	42.03
108.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.241	17.48	42.03
108.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.241	0.00	0.00
108.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.241	0.00	0.00
109.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.287	17.53	42.03
109.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.287	17.53	42.03
109.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.287	0.00	0.00
109.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.287	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.332	17.57	42.03
110.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.332	17.57	42.03
110.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.332	0.00	0.00
110.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.332	0.00	0.00
111.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.377	17.62	42.03
111.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.377	17.62	42.03
111.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.377	0.00	0.00
111.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.377	0.00	0.00
112.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.421	17.67	42.03
112.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.421	17.67	42.03
112.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.421	0.00	0.00
112.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.421	0.00	0.00
113.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.466	17.71	42.03
113.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.466	17.71	42.03
113.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.466	0.00	0.00
113.0	(1) Reinforcement	Yes	0.50	0.00	0.00	17.466	0.00	0.00
114.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.510	17.75	42.03
114.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.510	17.75	42.03
114.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.510	0.00	0.00
114.5	(12) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.532	8.89	21.01
114.5	(12) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.532	8.89	21.01
114.5	(12) 1 1/4" Coax	Yes	0.50	0.00	0.00	17.532	0.00	0.00
115.0	(12) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.554	8.90	21.01
115.0	(12) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.554	8.90	21.01
116.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.597	17.84	42.03
116.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.597	17.84	42.03
117.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.640	17.89	42.03
117.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.640	17.89	42.03
118.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.683	17.93	42.03
118.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.683	17.93	42.03

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	<b>69.28 mph Wind with Ice</b>	<b>34 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

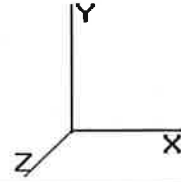
119.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.726	17.97	42.03
119.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.726	17.97	42.03
120.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.768	18.02	42.03
120.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.768	18.02	42.03
121.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.811	18.06	42.03
121.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.811	18.06	42.03
122.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.852	18.10	42.03
122.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.852	18.10	42.03
123.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.894	18.14	42.03
123.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.894	18.14	42.03
124.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.936	18.19	42.03
124.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.936	18.19	42.03
125.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.977	18.23	42.03
125.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.977	18.23	42.03
126.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.018	18.27	42.03
127.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.058	18.31	42.03
128.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.099	18.35	42.03
129.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.139	18.39	42.03
130.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.179	18.43	42.03
131.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.219	18.47	42.03
132.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.259	18.51	42.03
132.1	(12) 1 5/8" Coax	Yes	0.12	42.03	0.60	18.264	2.22	5.04
133.0	(12) 1 5/8" Coax	Yes	0.88	42.03	0.60	18.298	16.33	36.99
134.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.337	18.59	42.03
135.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.376	18.63	42.03
135.8	(12) 1 5/8" Coax	Yes	0.87	42.03	0.60	18.410	16.24	36.56
136.0	(12) 1 5/8" Coax	Yes	0.13	42.03	0.60	18.415	2.43	5.47
137.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.454	18.71	42.03
138.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.492	18.75	42.03
139.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.530	18.79	42.03
140.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.568	18.83	42.03
141.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.606	18.87	42.03
142.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.644	18.90	42.03
143.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.681	18.94	42.03
144.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.718	18.98	42.03
145.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.755	19.02	42.03
146.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.792	19.06	42.03
147.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.829	19.09	42.03
148.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.866	19.13	42.03
149.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.902	19.17	42.03
150.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.938	19.20	42.03
151.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.974	19.24	42.03
152.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.010	19.28	42.03
153.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.045	19.31	42.03
154.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.081	19.35	42.03
155.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.116	19.38	42.03
156.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.151	19.42	42.03
157.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.186	19.46	42.03
158.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.221	19.49	42.03
159.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.256	19.53	42.03
160.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.290	19.56	42.03
161.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.325	19.60	42.03
162.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.359	19.63	42.03
163.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.393	19.66	42.03
164.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.427	19.70	42.03
165.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.461	19.73	42.03
166.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.494	19.77	42.03

Pole : 302506  
Location : Winchester CT 3, CT  
Height : 180.0 (ft)  
Base Dia : 52.75 (in)  
Top Dia : 15.00 (in)  
Shape : 18 Sides  
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

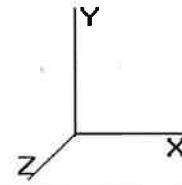
Totals: 4,513.57 12,230.73

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Ice

69.28 mph Wind with Ice

34 Iterations

Gust Response Factor : 1.69  
 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
1.00	85.25	460.66	0.00	0.00
2.00	85.01	459.48	0.00	0.00
3.00	84.76	458.31	0.00	0.00
4.00	84.51	457.14	0.00	0.00
5.00	84.27	455.97	0.00	0.00
6.00	84.02	454.79	0.00	0.00
7.00	83.77	453.62	0.00	0.00
8.00	83.53	452.45	0.00	0.00
9.00	83.28	451.28	0.00	0.00
10.00	83.03	450.11	0.00	0.00
11.00	82.78	448.93	0.00	0.00
12.00	82.54	447.76	0.00	0.00
13.00	82.29	446.59	0.00	0.00
14.00	82.04	445.42	0.00	0.00
15.00	81.80	444.24	0.00	0.00
16.00	81.55	443.07	0.00	0.00
17.00	81.30	441.90	0.00	0.00
18.00	81.06	440.73	0.00	0.00
19.00	80.81	439.55	0.00	0.00
20.00	80.56	438.38	0.00	0.00
21.00	80.32	437.21	0.00	0.00
22.00	80.07	436.04	0.00	0.00
23.00	79.82	434.87	0.00	0.00
24.00	79.58	433.69	0.00	0.00
25.00	79.33	432.52	0.00	0.00
26.00	79.08	431.35	0.00	0.00
27.00	78.84	430.18	0.00	0.00
28.00	78.59	429.00	0.00	0.00
29.00	78.34	427.83	0.00	0.00
30.00	103.22	444.90	0.00	0.00
31.00	77.85	425.49	0.00	0.00
32.00	77.60	424.31	0.00	0.00
33.00	77.35	423.14	0.00	0.00
34.00	77.77	421.97	0.00	0.00
35.00	78.16	420.80	0.00	0.00
36.00	78.54	419.63	0.00	0.00
37.00	78.90	418.45	0.00	0.00
38.00	79.25	417.28	0.00	0.00
39.00	79.58	416.11	0.00	0.00
40.00	79.90	414.94	0.00	0.00
41.00	80.20	413.76	0.00	0.00
42.00	80.49	412.59	0.00	0.00
42.96	77.24	393.58	0.00	0.00
43.00	3.54	25.55	0.00	0.00
44.00	81.95	587.21	0.00	0.00
45.00	82.21	585.14	0.00	0.00
46.00	82.45	583.08	0.00	0.00
47.00	82.69	581.02	0.00	0.00
48.00	82.91	578.96	0.00	0.00

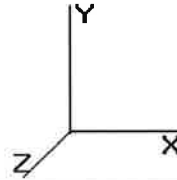


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

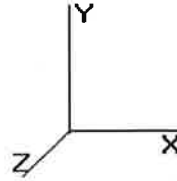
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49.04	3.31	22.98	0.00	0.00
50.00	80.00	363.85	0.00	0.00
51.00	83.52	377.96	0.00	0.00
52.00	83.71	376.94	0.00	0.00
53.00	83.88	375.91	0.00	0.00
54.00	84.05	374.89	0.00	0.00
55.00	84.20	373.87	0.00	0.00
56.00	84.35	372.84	0.00	0.00
57.00	84.49	371.82	0.00	0.00
58.00	84.62	370.79	0.00	0.00
59.00	84.74	369.77	0.00	0.00
60.00	84.86	368.75	0.00	0.00
61.00	84.97	367.72	0.00	0.00
62.00	85.07	366.70	0.00	0.00
63.00	85.16	365.67	0.00	0.00
64.00	85.24	364.65	0.00	0.00
65.00	85.32	363.62	0.00	0.00
66.00	85.40	362.60	0.00	0.00
67.00	85.46	361.58	0.00	0.00
68.00	85.52	360.55	0.00	0.00
69.00	85.57	359.53	0.00	0.00
70.00	85.62	358.50	0.00	0.00
71.00	85.66	357.48	0.00	0.00
72.00	85.69	356.46	0.00	0.00
73.00	85.72	355.43	0.00	0.00
74.00	85.75	354.41	0.00	0.00
75.00	85.76	353.38	0.00	0.00
76.00	85.77	352.36	0.00	0.00
77.00	85.78	351.33	0.00	0.00
78.00	89.50	352.21	0.00	0.00
79.00	85.78	349.14	0.00	0.00
80.00	85.77	348.11	0.00	0.00
81.00	85.76	347.09	0.00	0.00
82.00	85.74	346.06	0.00	0.00
83.00	85.71	345.04	0.00	0.00
84.00	85.68	344.02	0.00	0.00
85.00	85.65	342.99	0.00	0.00
86.00	85.61	341.97	0.00	0.00
87.00	85.57	340.94	0.00	0.00
87.54	46.15	183.67	0.00	0.00
88.00	39.74	210.12	0.00	0.00
89.00	86.41	455.35	0.00	0.00
90.00	86.35	453.59	0.00	0.00
91.00	86.30	451.82	0.00	0.00
92.00	86.24	450.06	0.00	0.00
92.46	39.32	204.91	0.00	0.00
93.00	46.79	171.28	0.00	0.00
94.00	86.10	314.47	0.00	0.00
95.00	562.30	1,032.79	0.00	0.83
96.00	85.95	311.91	0.00	0.00
97.00	85.87	311.03	0.00	0.00
98.00	85.79	310.16	0.00	0.00
99.00	85.70	309.28	0.00	0.00
100.0	85.60	308.40	0.00	0.00
101.0	85.51	307.53	0.00	0.00
102.0	85.41	306.65	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Ice                      69.28 mph Wind with Ice                      34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

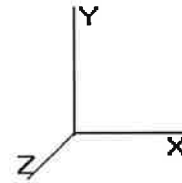
103.0	85.31	305.78	0.00	0.00
104.0	85.20	304.90	0.00	0.00
105.0	490.91	396.61	0.00	0.00
106.0	84.97	236.35	0.00	0.00
107.0	84.86	235.47	0.00	0.00
108.0	84.74	234.60	0.00	0.00
109.0	84.61	233.72	0.00	0.00
110.0	84.49	232.84	0.00	0.00
111.0	84.36	231.97	0.00	0.00
112.0	84.22	231.09	0.00	0.00
113.0	84.09	230.22	0.00	0.00
114.0	83.95	229.34	0.00	0.00
114.5	2,235.80	2,297.94	0.00	0.00
115.0	41.86	114.14	0.00	0.00
116.0	83.66	227.59	0.00	0.00
117.0	83.51	226.71	0.00	0.00
118.0	83.36	225.83	0.00	0.00
119.0	83.20	224.96	0.00	0.00
120.0	83.04	224.08	0.00	0.00
121.0	82.88	223.21	0.00	0.00
122.0	82.72	222.33	0.00	0.00
123.0	82.55	221.45	0.00	0.00
124.0	82.38	220.58	0.00	0.00
125.0	3,743.85	2,716.70	0.00	0.00
126.0	63.77	176.80	0.00	0.00
127.0	63.55	175.92	0.00	0.00
128.0	63.33	175.04	0.00	0.00
129.0	63.10	174.17	0.00	0.00
130.0	62.88	173.29	0.00	0.00
131.0	62.65	172.42	0.00	0.00
132.0	2,018.61	3,110.54	0.00	0.00
132.1	7.46	20.50	0.00	0.00
133.0	55.27	195.34	0.00	0.00
134.0	1,293.24	717.00	0.00	0.00
135.0	62.35	215.54	0.00	0.00
135.8	54.03	186.41	0.00	0.00
136.0	8.07	17.29	0.00	0.00
137.0	61.87	132.37	0.00	0.00
138.0	61.62	131.80	0.00	0.00
139.0	61.38	131.22	0.00	0.00
140.0	1,281.80	1,030.94	0.00	4,556.03
141.0	60.88	124.50	0.00	0.00
142.0	60.63	123.92	0.00	0.00
143.0	60.38	123.34	0.00	0.00
144.0	60.12	122.76	0.00	0.00
145.0	59.86	122.18	0.00	0.00
146.0	59.60	121.60	0.00	0.00
147.0	59.34	121.02	0.00	0.00
148.0	59.08	120.44	0.00	0.00
149.0	58.81	119.86	0.00	0.00
150.0	325.88	334.08	0.00	0.00
151.0	58.27	117.88	0.00	0.00
152.0	58.00	117.30	0.00	0.00
153.0	57.73	116.72	0.00	0.00
154.0	57.45	116.14	0.00	0.00
155.0	57.18	115.56	0.00	0.00
156.0	56.90	114.98	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

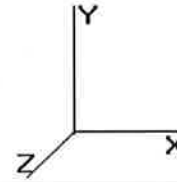
157.0	56.61	114.40	0.00	0.00
158.0	56.33	113.82	0.00	0.00
159.0	56.05	113.24	0.00	0.00
160.0	55.76	112.66	0.00	0.00
161.0	55.47	112.08	0.00	0.00
162.0	55.18	111.50	0.00	0.00
163.0	54.89	110.92	0.00	0.00
164.0	54.59	110.34	0.00	0.00
165.0	54.30	109.76	0.00	0.00
166.0	2,320.54	1,802.79	0.00	0.00
167.0	33.90	65.75	0.00	0.00
168.0	33.56	65.17	0.00	0.00
169.0	33.23	64.59	0.00	0.00
170.0	32.89	64.01	0.00	0.00
171.0	32.55	63.43	0.00	0.00
172.0	32.21	62.85	0.00	0.00
173.0	31.86	62.27	0.00	0.00
174.0	31.52	61.69	0.00	0.00
175.0	31.17	61.11	0.00	0.00
176.0	30.83	60.53	0.00	0.00
177.0	30.48	59.95	0.00	0.00
178.0	30.13	59.37	0.00	0.00
179.0	29.77	58.79	0.00	0.00
180.0	3,252.81	3,022.75	0.00	9,453.58
Totals:	30,234.76	68,011.82	0.00	14,010.44

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Calculated Shaft Forces and Deflections**

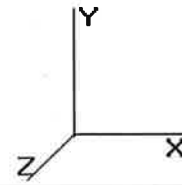
Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-30.251	-68.003	0.000	0.000	0.000	-3,691.349	0.000	0.000	0.000	0.000
1.00	-30.202	-67.526	0.000	0.000	0.000	-3,661.100	-0.004	0.000	0.004	-0.031
2.00	-30.153	-67.050	0.000	0.000	0.000	-3,630.899	-0.014	0.000	0.014	-0.062
3.00	-30.103	-66.575	0.000	0.000	0.000	-3,600.747	-0.030	0.000	0.030	-0.093
4.00	-30.054	-66.102	0.000	0.000	0.000	-3,570.644	-0.053	0.000	0.053	-0.124
5.00	-30.004	-65.630	0.000	0.000	0.000	-3,540.591	-0.083	0.000	0.083	-0.155
6.00	-29.955	-65.159	0.000	0.000	0.000	-3,510.587	-0.119	0.000	0.119	-0.187
7.00	-29.905	-64.689	0.000	0.000	0.000	-3,480.633	-0.162	0.000	0.162	-0.218
8.00	-29.855	-64.221	0.000	0.000	0.000	-3,450.729	-0.211	0.000	0.211	-0.250
9.00	-29.805	-63.753	0.000	0.000	0.000	-3,420.875	-0.267	0.000	0.267	-0.281
10.00	-29.755	-63.287	0.000	0.000	0.000	-3,391.071	-0.330	0.000	0.330	-0.313
11.00	-29.704	-62.822	0.000	0.000	0.000	-3,361.317	-0.399	0.000	0.399	-0.345
12.00	-29.654	-62.358	0.000	0.000	0.000	-3,331.613	-0.475	0.000	0.475	-0.377
13.00	-29.603	-61.896	0.000	0.000	0.000	-3,301.960	-0.558	0.000	0.558	-0.409
14.00	-29.552	-61.434	0.000	0.000	0.000	-3,272.358	-0.647	0.000	0.647	-0.441
15.00	-29.501	-60.974	0.000	0.000	0.000	-3,242.807	-0.743	0.000	0.743	-0.473
16.00	-29.450	-60.515	0.000	0.000	0.000	-3,213.307	-0.846	0.000	0.846	-0.505
17.00	-29.398	-60.058	0.000	0.000	0.000	-3,183.858	-0.955	0.000	0.955	-0.538
18.00	-29.347	-59.601	0.000	0.000	0.000	-3,154.460	-1.072	0.000	1.072	-0.570
19.00	-29.295	-59.146	0.000	0.000	0.000	-3,125.114	-1.195	0.000	1.195	-0.603
20.00	-29.243	-58.692	0.000	0.000	0.000	-3,095.820	-1.325	0.000	1.325	-0.635
21.00	-29.191	-58.239	0.000	0.000	0.000	-3,066.577	-1.462	0.000	1.462	-0.668
22.00	-29.139	-57.787	0.000	0.000	0.000	-3,037.386	-1.606	0.000	1.606	-0.701
23.00	-29.087	-57.336	0.000	0.000	0.000	-3,008.248	-1.756	0.000	1.756	-0.734
24.00	-29.034	-56.887	0.000	0.000	0.000	-2,979.162	-1.914	0.000	1.914	-0.767
25.00	-28.982	-56.439	0.000	0.000	0.000	-2,950.128	-2.078	0.000	2.078	-0.800
26.00	-28.929	-55.992	0.000	0.000	0.000	-2,921.147	-2.249	0.000	2.249	-0.833
27.00	-28.876	-55.546	0.000	0.000	0.000	-2,892.219	-2.428	0.000	2.428	-0.866
28.00	-28.823	-55.102	0.000	0.000	0.000	-2,863.344	-2.613	0.000	2.613	-0.899
29.00	-28.769	-54.659	0.000	0.000	0.000	-2,834.522	-2.805	0.000	2.805	-0.933
30.00	-28.691	-54.199	0.000	0.000	0.000	-2,805.753	-3.004	0.000	3.004	-0.966
31.00	-28.637	-53.758	0.000	0.000	0.000	-2,777.064	-3.210	0.000	3.210	-1.000
32.00	-28.583	-53.318	0.000	0.000	0.000	-2,748.427	-3.424	0.000	3.424	-1.033
33.00	-28.529	-52.880	0.000	0.000	0.000	-2,719.845	-3.644	0.000	3.644	-1.067
34.00	-28.474	-52.443	0.000	0.000	0.000	-2,691.317	-3.871	0.000	3.871	-1.101
35.00	-28.419	-52.007	0.000	0.000	0.000	-2,662.843	-4.106	0.000	4.106	-1.134
36.00	-28.362	-51.572	0.000	0.000	0.000	-2,634.425	-4.347	0.000	4.347	-1.168
37.00	-28.305	-51.138	0.000	0.000	0.000	-2,606.064	-4.596	0.000	4.596	-1.202
38.00	-28.247	-50.706	0.000	0.000	0.000	-2,577.759	-4.851	0.000	4.851	-1.236
39.00	-28.188	-50.275	0.000	0.000	0.000	-2,549.513	-5.114	0.000	5.114	-1.270
40.00	-28.129	-49.845	0.000	0.000	0.000	-2,521.325	-5.384	0.000	5.384	-1.305
41.00	-28.069	-49.417	0.000	0.000	0.000	-2,493.197	-5.661	0.000	5.661	-1.339
42.00	-28.007	-48.990	0.000	0.000	0.000	-2,465.129	-5.946	0.000	5.946	-1.373
42.96	-27.935	-48.590	0.000	0.000	0.000	-2,438.338	-6.225	0.000	6.225	-1.406
43.00	-27.946	-48.555	0.000	0.000	0.000	-2,437.125	-6.237	0.000	6.237	-1.408
44.00	-27.878	-47.954	0.000	0.000	0.000	-2,409.180	-6.536	0.000	6.536	-1.442
45.00	-27.809	-47.354	0.000	0.000	0.000	-2,381.302	-6.842	0.000	6.842	-1.476
46.00	-27.740	-46.757	0.000	0.000	0.000	-2,353.494	-7.155	0.000	7.155	-1.510
47.00	-27.669	-46.162	0.000	0.000	0.000	-2,325.755	-7.475	0.000	7.475	-1.544
48.00	-27.598	-45.569	0.000	0.000	0.000	-2,298.086	-7.803	0.000	7.803	-1.579
49.00	-27.513	-44.986	0.000	0.000	0.000	-2,270.489	-8.137	0.000	8.137	-1.613

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
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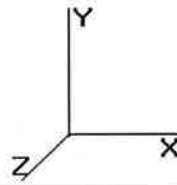
49.04	-27.522	-44.955	0.000	0.000	0.000	-2,269.392	-8.151	0.000	8.151	-1.614
50.00	-27.459	-44.577	0.000	0.000	0.000	-2,242.968	-8.479	0.000	8.479	-1.647
51.00	-27.393	-44.184	0.000	0.000	0.000	-2,215.510	-8.828	0.000	8.828	-1.684
52.00	-27.326	-43.792	0.000	0.000	0.000	-2,188.117	-9.185	0.000	9.185	-1.721
53.00	-27.259	-43.401	0.000	0.000	0.000	-2,160.791	-9.550	0.000	9.550	-1.758
54.00	-27.191	-43.012	0.000	0.000	0.000	-2,133.533	-9.922	0.000	9.922	-1.795
55.00	-27.122	-42.623	0.000	0.000	0.000	-2,106.343	-10.302	0.000	10.302	-1.831
56.00	-27.053	-42.236	0.000	0.000	0.000	-2,079.221	-10.690	0.000	10.690	-1.868
57.00	-26.984	-41.850	0.000	0.000	0.000	-2,052.169	-11.086	0.000	11.086	-1.905
58.00	-26.913	-41.464	0.000	0.000	0.000	-2,025.186	-11.489	0.000	11.489	-1.942
59.00	-26.842	-41.081	0.000	0.000	0.000	-1,998.273	-11.900	0.000	11.900	-1.979
60.00	-26.771	-40.698	0.000	0.000	0.000	-1,971.431	-12.319	0.000	12.319	-2.016
61.00	-26.699	-40.316	0.000	0.000	0.000	-1,944.661	-12.745	0.000	12.745	-2.053
62.00	-26.627	-39.935	0.000	0.000	0.000	-1,917.962	-13.180	0.000	13.180	-2.090
63.00	-26.554	-39.556	0.000	0.000	0.000	-1,891.336	-13.622	0.000	13.622	-2.127
64.00	-26.480	-39.178	0.000	0.000	0.000	-1,864.783	-14.071	0.000	14.071	-2.164
65.00	-26.406	-38.801	0.000	0.000	0.000	-1,838.304	-14.529	0.000	14.529	-2.201
66.00	-26.331	-38.425	0.000	0.000	0.000	-1,811.899	-14.994	0.000	14.994	-2.238
67.00	-26.256	-38.050	0.000	0.000	0.000	-1,785.568	-15.467	0.000	15.467	-2.275
68.00	-26.181	-37.676	0.000	0.000	0.000	-1,759.313	-15.947	0.000	15.947	-2.312
69.00	-26.105	-37.304	0.000	0.000	0.000	-1,733.132	-16.436	0.000	16.436	-2.349
70.00	-26.028	-36.932	0.000	0.000	0.000	-1,707.028	-16.932	0.000	16.932	-2.385
71.00	-25.951	-36.562	0.000	0.000	0.000	-1,681.001	-17.436	0.000	17.436	-2.422
72.00	-25.873	-36.193	0.000	0.000	0.000	-1,655.051	-17.947	0.000	17.947	-2.459
73.00	-25.795	-35.825	0.000	0.000	0.000	-1,629.178	-18.466	0.000	18.466	-2.496
74.00	-25.717	-35.458	0.000	0.000	0.000	-1,603.384	-18.993	0.000	18.993	-2.533
75.00	-25.638	-35.093	0.000	0.000	0.000	-1,577.667	-19.528	0.000	19.528	-2.569
76.00	-25.558	-34.728	0.000	0.000	0.000	-1,552.030	-20.070	0.000	20.070	-2.606
77.00	-25.479	-34.365	0.000	0.000	0.000	-1,526.472	-20.620	0.000	20.620	-2.642
78.00	-25.395	-34.001	0.000	0.000	0.000	-1,500.994	-21.177	0.000	21.177	-2.679
79.00	-25.314	-33.640	0.000	0.000	0.000	-1,475.600	-21.743	0.000	21.743	-2.715
80.00	-25.233	-33.281	0.000	0.000	0.000	-1,450.287	-22.315	0.000	22.315	-2.752
81.00	-25.151	-32.922	0.000	0.000	0.000	-1,425.055	-22.896	0.000	22.896	-2.788
82.00	-25.069	-32.565	0.000	0.000	0.000	-1,399.905	-23.484	0.000	23.484	-2.824
83.00	-24.986	-32.209	0.000	0.000	0.000	-1,374.837	-24.079	0.000	24.079	-2.860
84.00	-24.904	-31.854	0.000	0.000	0.000	-1,349.851	-24.682	0.000	24.682	-2.896
85.00	-24.820	-31.500	0.000	0.000	0.000	-1,324.948	-25.293	0.000	25.293	-2.932
86.00	-24.737	-31.148	0.000	0.000	0.000	-1,300.128	-25.911	0.000	25.911	-2.968
87.00	-24.648	-30.800	0.000	0.000	0.000	-1,275.392	-26.537	0.000	26.537	-3.004
87.54	-24.602	-30.611	0.000	0.000	0.000	-1,262.084	-26.877	0.000	26.877	-3.023
88.00	-24.565	-30.393	0.000	0.000	0.000	-1,250.765	-27.170	0.000	27.170	-3.039
89.00	-24.472	-29.928	0.000	0.000	0.000	-1,226.201	-27.810	0.000	27.810	-3.074
90.00	-24.380	-29.465	0.000	0.000	0.000	-1,201.729	-28.458	0.000	28.458	-3.109
91.00	-24.286	-29.003	0.000	0.000	0.000	-1,177.350	-29.113	0.000	29.113	-3.143
92.00	-24.188	-28.548	0.000	0.000	0.000	-1,153.064	-29.775	0.000	29.775	-3.178
92.46	-24.146	-28.339	0.000	0.000	0.000	-1,142.021	-30.079	0.000	30.079	-3.194
93.00	-24.103	-28.158	0.000	0.000	0.000	-1,128.900	-30.444	0.000	30.444	-3.212
94.00	-24.017	-27.834	0.000	0.000	0.000	-1,104.797	-31.121	0.000	31.121	-3.249
95.00	-23.414	-26.820	0.000	0.000	0.000	-1,080.780	-31.805	0.000	31.805	-3.285
96.00	-23.327	-26.499	0.000	0.000	0.000	-1,057.366	-32.497	0.000	32.497	-3.321
97.00	-23.239	-26.179	0.000	0.000	0.000	-1,034.040	-33.197	0.000	33.197	-3.357
98.00	-23.151	-25.861	0.000	0.000	0.000	-1,010.802	-33.904	0.000	33.904	-3.392
99.00	-23.063	-25.543	0.000	0.000	0.000	-987.651	-34.618	0.000	34.618	-3.427
100.0	-22.974	-25.226	0.000	0.000	0.000	-964.589	-35.340	0.000	35.340	-3.462
101.0	-22.885	-24.911	0.000	0.000	0.000	-941.615	-36.069	0.000	36.069	-3.497
102.0	-22.796	-24.596	0.000	0.000	0.000	-918.730	-36.805	0.000	36.805	-3.532
103.0	-22.706	-24.283	0.000	0.000	0.000	-895.935	-37.548	0.000	37.548	-3.566

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Ice 69.28 mph Wind with Ice 34 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

104.0	-22.616	-23.970	0.000	0.000	0.000	-873.229	-38.299	0.000	38.299	-3.600
105.0	-22.122	-23.587	0.000	0.000	0.000	-850.613	-39.056	0.000	39.056	-3.633
106.0	-22.049	-23.331	0.000	0.000	0.000	-828.492	-39.824	0.000	39.824	-3.698
107.0	-21.975	-23.077	0.000	0.000	0.000	-806.444	-40.605	0.000	40.605	-3.764
108.0	-21.900	-22.824	0.000	0.000	0.000	-784.470	-41.401	0.000	41.401	-3.828
109.0	-21.826	-22.572	0.000	0.000	0.000	-762.571	-42.209	0.000	42.209	-3.893
110.0	-21.750	-22.321	0.000	0.000	0.000	-740.746	-43.031	0.000	43.031	-3.957
111.0	-21.674	-22.072	0.000	0.000	0.000	-718.996	-43.866	0.000	43.866	-4.020
112.0	-21.598	-21.823	0.000	0.000	0.000	-697.323	-44.715	0.000	44.715	-4.083
113.0	-21.521	-21.577	0.000	0.000	0.000	-675.726	-45.576	0.000	45.576	-4.145
114.0	-21.438	-21.337	0.000	0.000	0.000	-654.206	-46.451	0.000	46.451	-4.207
114.5	-19.049	-19.199	0.000	0.000	0.000	-643.488	-46.893	0.000	46.893	-4.238
115.0	-19.014	-19.074	0.000	0.000	0.000	-633.963	-47.338	0.000	47.338	-4.269
116.0	-18.933	-18.833	0.000	0.000	0.000	-614.950	-48.238	0.000	48.238	-4.329
117.0	-18.852	-18.593	0.000	0.000	0.000	-596.018	-49.151	0.000	49.151	-4.390
118.0	-18.771	-18.355	0.000	0.000	0.000	-577.166	-50.076	0.000	50.076	-4.449
119.0	-18.689	-18.118	0.000	0.000	0.000	-558.396	-51.014	0.000	51.014	-4.509
120.0	-18.607	-17.882	0.000	0.000	0.000	-539.707	-51.964	0.000	51.964	-4.567
121.0	-18.524	-17.648	0.000	0.000	0.000	-521.101	-52.926	0.000	52.926	-4.625
122.0	-18.441	-17.415	0.000	0.000	0.000	-502.578	-53.900	0.000	53.900	-4.683
123.0	-18.357	-17.183	0.000	0.000	0.000	-484.137	-54.886	0.000	54.886	-4.739
124.0	-18.273	-16.952	0.000	0.000	0.000	-465.780	-55.884	0.000	55.884	-4.795
125.0	-14.328	-14.546	0.000	0.000	0.000	-447.508	-56.894	0.000	56.894	-4.850
126.0	-14.263	-14.362	0.000	0.000	0.000	-433.180	-57.915	0.000	57.915	-4.905
127.0	-14.198	-14.179	0.000	0.000	0.000	-418.917	-58.947	0.000	58.947	-4.959
128.0	-14.133	-13.997	0.000	0.000	0.000	-404.720	-59.990	0.000	59.990	-5.012
129.0	-14.067	-13.816	0.000	0.000	0.000	-390.587	-61.044	0.000	61.044	-5.065
130.0	-14.002	-13.636	0.000	0.000	0.000	-376.520	-62.110	0.000	62.110	-5.118
131.0	-13.936	-13.458	0.000	0.000	0.000	-362.519	-63.186	0.000	63.186	-5.170
132.0	-11.649	-10.537	0.000	0.000	0.000	-348.583	-64.273	0.000	64.273	-5.221
132.1	-11.645	-10.512	0.000	0.000	0.000	-347.188	-64.404	0.000	64.404	-5.227
133.0	-11.580	-10.313	0.000	0.000	0.000	-336.938	-65.371	0.000	65.371	-5.272
134.0	-10.235	-9.710	0.000	0.000	0.000	-325.358	-66.479	0.000	66.479	-5.322
135.0	-10.161	-9.493	0.000	0.000	0.000	-315.123	-67.598	0.000	67.598	-5.372
135.8	-10.093	-9.308	0.000	0.000	0.000	-306.286	-68.579	0.000	68.579	-5.416
136.0	-10.091	-9.284	0.000	0.000	0.000	-304.972	-68.727	0.000	68.727	-5.422
137.0	-10.029	-9.144	0.000	0.000	0.000	-294.882	-69.870	0.000	69.870	-5.500
138.0	-9.967	-9.006	0.000	0.000	0.000	-284.853	-71.028	0.000	71.028	-5.577
139.0	-9.905	-8.868	0.000	0.000	0.000	-274.887	-72.203	0.000	72.203	-5.653
140.0	-8.537	-7.958	0.000	0.000	0.000	-260.426	-73.393	0.000	73.393	-5.729
141.0	-8.474	-7.830	0.000	0.000	0.000	-251.889	-74.599	0.000	74.599	-5.802
142.0	-8.411	-7.702	0.000	0.000	0.000	-243.415	-75.821	0.000	75.821	-5.876
143.0	-8.348	-7.575	0.000	0.000	0.000	-235.004	-77.057	0.000	77.057	-5.949
144.0	-8.285	-7.448	0.000	0.000	0.000	-226.656	-78.309	0.000	78.309	-6.021
145.0	-8.222	-7.323	0.000	0.000	0.000	-218.371	-79.576	0.000	79.576	-6.093
146.0	-8.159	-7.198	0.000	0.000	0.000	-210.149	-80.858	0.000	80.858	-6.164
147.0	-8.095	-7.075	0.000	0.000	0.000	-201.991	-82.154	0.000	82.154	-6.235
148.0	-8.032	-6.952	0.000	0.000	0.000	-193.896	-83.465	0.000	83.465	-6.305
149.0	-7.968	-6.829	0.000	0.000	0.000	-185.864	-84.791	0.000	84.791	-6.374
150.0	-7.615	-6.525	0.000	0.000	0.000	-177.896	-86.130	0.000	86.130	-6.442
151.0	-7.551	-6.405	0.000	0.000	0.000	-170.281	-87.484	0.000	87.484	-6.509
152.0	-7.488	-6.287	0.000	0.000	0.000	-162.730	-88.852	0.000	88.852	-6.575
153.0	-7.424	-6.169	0.000	0.000	0.000	-155.243	-90.233	0.000	90.233	-6.641
154.0	-7.360	-6.052	0.000	0.000	0.000	-147.819	-91.628	0.000	91.628	-6.705
155.0	-7.296	-5.936	0.000	0.000	0.000	-140.459	-93.036	0.000	93.036	-6.768
156.0	-7.232	-5.821	0.000	0.000	0.000	-133.163	-94.458	0.000	94.458	-6.830
157.0	-7.169	-5.707	0.000	0.000	0.000	-125.931	-95.892	0.000	95.892	-6.891

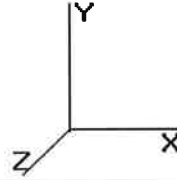
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

158.0	-7.105	-5.593	0.000	0.000	0.000	-118.762	-97.338	0.000	97.338	-6.950
159.0	-7.041	-5.481	0.000	0.000	0.000	-111.658	-98.797	0.000	98.797	-7.007
160.0	-6.977	-5.369	0.000	0.000	0.000	-104.617	-100.267	0.000	100.267	-7.063
161.0	-6.913	-5.258	0.000	0.000	0.000	-97.641	-101.749	0.000	101.749	-7.117
162.0	-6.849	-5.149	0.000	0.000	0.000	-90.728	-103.241	0.000	103.241	-7.169
163.0	-6.785	-5.040	0.000	0.000	0.000	-83.879	-104.745	0.000	104.745	-7.219
164.0	-6.721	-4.932	0.000	0.000	0.000	-77.094	-106.258	0.000	106.258	-7.267
165.0	-6.657	-4.824	0.000	0.000	0.000	-70.373	-107.781	0.000	107.781	-7.312
166.0	-4.128	-3.330	0.000	0.000	0.000	-63.717	-109.314	0.000	109.314	-7.355
167.0	-4.088	-3.266	0.000	0.000	0.000	-59.589	-110.855	0.000	110.855	-7.396
168.0	-4.048	-3.203	0.000	0.000	0.000	-55.501	-112.404	0.000	112.404	-7.436
169.0	-4.009	-3.141	0.000	0.000	0.000	-51.453	-113.961	0.000	113.961	-7.474
170.0	-3.970	-3.079	0.000	0.000	0.000	-47.444	-115.526	0.000	115.526	-7.510
171.0	-3.932	-3.018	0.000	0.000	0.000	-43.474	-117.098	0.000	117.098	-7.545
172.0	-3.893	-2.958	0.000	0.000	0.000	-39.542	-118.678	0.000	118.678	-7.578
173.0	-3.855	-2.898	0.000	0.000	0.000	-35.649	-120.264	0.000	120.264	-7.610
174.0	-3.817	-2.839	0.000	0.000	0.000	-31.794	-121.857	0.000	121.857	-7.639
175.0	-3.779	-2.781	0.000	0.000	0.000	-27.977	-123.455	0.000	123.455	-7.666
176.0	-3.742	-2.724	0.000	0.000	0.000	-24.198	-125.059	0.000	125.059	-7.690
177.0	-3.705	-2.667	0.000	0.000	0.000	-20.456	-126.667	0.000	126.667	-7.712
178.0	-3.668	-2.611	0.000	0.000	0.000	-16.752	-128.280	0.000	128.280	-7.731
179.0	-3.631	-2.556	0.000	0.000	0.000	-13.084	-129.896	0.000	129.896	-7.747
180.0	-3.253	0.000	0.000	0.000	0.000	-9.454	-131.515	0.000	131.515	-7.760

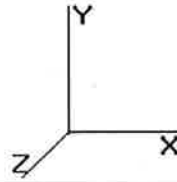
Pole : 302506  
 Location : Winchester CT 3, CT  
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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Calculated Stresses**

Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.74	0.84	0.00	0.00	0.00	35.04	35.81	52.0	0.0	0.689
1.00	0.73	0.84	0.00	0.00	0.00	35.00	35.77	52.0	0.0	0.688
2.00	0.73	0.84	0.00	0.00	0.00	34.96	35.72	52.0	0.0	0.687
3.00	0.73	0.85	0.00	0.00	0.00	34.92	35.68	52.0	0.0	0.686
4.00	0.73	0.85	0.00	0.00	0.00	34.88	35.63	52.0	0.0	0.686
5.00	0.72	0.85	0.00	0.00	0.00	34.83	35.59	52.0	0.0	0.685
6.00	0.72	0.85	0.00	0.00	0.00	34.79	35.54	52.0	0.0	0.684
7.00	0.72	0.85	0.00	0.00	0.00	34.74	35.49	52.0	0.0	0.683
8.00	0.71	0.86	0.00	0.00	0.00	34.69	35.44	52.0	0.0	0.682
9.00	0.71	0.86	0.00	0.00	0.00	34.65	35.39	52.0	0.0	0.681
10.00	0.71	0.86	0.00	0.00	0.00	34.60	35.34	52.0	0.0	0.680
11.00	0.71	0.86	0.00	0.00	0.00	34.54	35.28	52.0	0.0	0.679
12.00	0.70	0.87	0.00	0.00	0.00	34.49	35.23	52.0	0.0	0.678
13.00	0.70	0.87	0.00	0.00	0.00	34.44	35.17	52.0	0.0	0.677
14.00	0.70	0.87	0.00	0.00	0.00	34.38	35.11	52.0	0.0	0.676
15.00	0.70	0.87	0.00	0.00	0.00	34.33	35.05	52.0	0.0	0.674
16.00	0.69	0.88	0.00	0.00	0.00	34.27	34.99	52.0	0.0	0.673
17.00	0.69	0.88	0.00	0.00	0.00	34.21	34.93	52.0	0.0	0.672
18.00	0.69	0.88	0.00	0.00	0.00	34.15	34.87	52.0	0.0	0.671
19.00	0.68	0.88	0.00	0.00	0.00	34.09	34.81	52.0	0.0	0.670
20.00	0.68	0.89	0.00	0.00	0.00	34.02	34.74	52.0	0.0	0.668
21.00	0.68	0.89	0.00	0.00	0.00	33.96	34.67	52.0	0.0	0.667
22.00	0.68	0.89	0.00	0.00	0.00	33.89	34.60	52.0	0.0	0.666
23.00	0.67	0.89	0.00	0.00	0.00	33.83	34.53	52.0	0.0	0.664
24.00	0.67	0.90	0.00	0.00	0.00	33.76	34.46	52.0	0.0	0.663
25.00	0.67	0.90	0.00	0.00	0.00	33.69	34.39	52.0	0.0	0.662
26.00	0.66	0.90	0.00	0.00	0.00	33.61	34.31	52.0	0.0	0.660
27.00	0.66	0.90	0.00	0.00	0.00	33.54	34.24	52.0	0.0	0.659
28.00	0.66	0.91	0.00	0.00	0.00	33.47	34.16	52.0	0.0	0.657
29.00	0.66	0.91	0.00	0.00	0.00	33.39	34.08	52.0	0.0	0.656
30.00	0.65	0.91	0.00	0.00	0.00	33.31	34.00	52.0	0.0	0.654
31.00	0.65	0.91	0.00	0.00	0.00	33.23	33.92	52.0	0.0	0.652
32.00	0.65	0.92	0.00	0.00	0.00	33.15	33.83	52.0	0.0	0.651
33.00	0.64	0.92	0.00	0.00	0.00	33.06	33.74	52.0	0.0	0.649
34.00	0.64	0.92	0.00	0.00	0.00	32.98	33.66	52.0	0.0	0.647
35.00	0.64	0.92	0.00	0.00	0.00	32.89	33.57	52.0	0.0	0.646
36.00	0.63	0.93	0.00	0.00	0.00	32.80	33.47	52.0	0.0	0.644
37.00	0.63	0.93	0.00	0.00	0.00	32.71	33.38	52.0	0.0	0.642
38.00	0.63	0.93	0.00	0.00	0.00	32.62	33.28	52.0	0.0	0.640
39.00	0.63	0.94	0.00	0.00	0.00	32.52	33.19	52.0	0.0	0.638
40.00	0.62	0.94	0.00	0.00	0.00	32.43	33.09	52.0	0.0	0.637
41.00	0.62	0.94	0.00	0.00	0.00	32.33	32.99	52.0	0.0	0.635
42.00	0.62	0.94	0.00	0.00	0.00	32.23	32.88	52.0	0.0	0.633
42.96	0.61	0.95	0.00	0.00	0.00	32.13	32.78	52.0	0.0	0.631
43.00	0.61	0.95	0.00	0.00	0.00	31.83	32.48	52.0	0.0	0.625
44.00	0.61	0.95	0.00	0.00	0.00	31.72	32.37	52.0	0.0	0.623
45.00	0.60	0.95	0.00	0.00	0.00	31.61	32.26	52.0	0.0	0.621
46.00	0.60	0.95	0.00	0.00	0.00	31.50	32.14	52.0	0.0	0.618
47.00	0.59	0.96	0.00	0.00	0.00	31.39	32.02	52.0	0.0	0.616
48.00	0.59	0.96	0.00	0.00	0.00	31.27	31.90	52.0	0.0	0.614
49.00	0.58	0.96	0.00	0.00	0.00	31.15	31.78	52.0	0.0	0.611



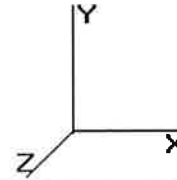
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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
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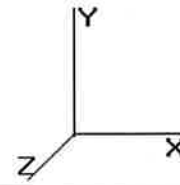
49.04	0.64	1.10	0.00	0.00	0.00	33.80	34.49	52.0	0.0	0.664
50.00	0.64	1.10	0.00	0.00	0.00	33.66	34.36	52.0	0.0	0.661
51.00	0.64	1.11	0.00	0.00	0.00	33.52	34.21	52.0	0.0	0.658
52.00	0.63	1.11	0.00	0.00	0.00	33.38	34.07	52.0	0.0	0.655
53.00	0.63	1.11	0.00	0.00	0.00	33.23	33.92	52.0	0.0	0.653
54.00	0.63	1.12	0.00	0.00	0.00	33.09	33.77	52.0	0.0	0.650
55.00	0.62	1.12	0.00	0.00	0.00	32.93	33.61	52.0	0.0	0.647
56.00	0.62	1.12	0.00	0.00	0.00	32.78	33.46	52.0	0.0	0.644
57.00	0.62	1.12	0.00	0.00	0.00	32.62	33.30	52.0	0.0	0.641
58.00	0.61	1.13	0.00	0.00	0.00	32.46	33.13	52.0	0.0	0.637
59.00	0.61	1.13	0.00	0.00	0.00	32.30	32.97	52.0	0.0	0.634
60.00	0.61	1.13	0.00	0.00	0.00	32.14	32.80	52.0	0.0	0.631
61.00	0.60	1.14	0.00	0.00	0.00	31.97	32.63	52.0	0.0	0.628
62.00	0.60	1.14	0.00	0.00	0.00	31.80	32.46	52.0	0.0	0.624
63.00	0.60	1.14	0.00	0.00	0.00	31.63	32.28	52.0	0.0	0.621
64.00	0.59	1.15	0.00	0.00	0.00	31.45	32.10	52.0	0.0	0.618
65.00	0.59	1.15	0.00	0.00	0.00	31.27	31.92	52.0	0.0	0.614
66.00	0.59	1.15	0.00	0.00	0.00	31.09	31.73	52.0	0.0	0.610
67.00	0.58	1.16	0.00	0.00	0.00	30.90	31.55	52.0	0.0	0.607
68.00	0.58	1.16	0.00	0.00	0.00	30.71	31.35	52.0	0.0	0.603
69.00	0.58	1.16	0.00	0.00	0.00	30.52	31.16	52.0	0.0	0.599
70.00	0.57	1.17	0.00	0.00	0.00	30.32	30.96	52.0	0.0	0.596
71.00	0.57	1.17	0.00	0.00	0.00	30.12	30.76	52.0	0.0	0.592
72.00	0.56	1.17	0.00	0.00	0.00	29.92	30.55	52.0	0.0	0.588
73.00	0.56	1.18	0.00	0.00	0.00	29.71	30.34	52.0	0.0	0.584
74.00	0.56	1.18	0.00	0.00	0.00	29.50	30.13	52.0	0.0	0.580
75.00	0.55	1.18	0.00	0.00	0.00	29.29	29.91	52.0	0.0	0.575
76.00	0.55	1.19	0.00	0.00	0.00	29.07	29.69	52.0	0.0	0.571
77.00	0.55	1.19	0.00	0.00	0.00	28.85	29.47	52.0	0.0	0.567
78.00	0.54	1.19	0.00	0.00	0.00	28.62	29.24	52.0	0.0	0.563
79.00	0.54	1.20	0.00	0.00	0.00	28.40	29.01	52.0	0.0	0.558
80.00	0.54	1.20	0.00	0.00	0.00	28.16	28.78	52.0	0.0	0.554
81.00	0.53	1.20	0.00	0.00	0.00	27.93	28.54	52.0	0.0	0.549
82.00	0.53	1.21	0.00	0.00	0.00	27.69	28.29	52.0	0.0	0.544
83.00	0.53	1.21	0.00	0.00	0.00	27.44	28.05	52.0	0.0	0.540
84.00	0.52	1.22	0.00	0.00	0.00	27.19	27.79	52.0	0.0	0.535
85.00	0.52	1.22	0.00	0.00	0.00	26.94	27.54	52.0	0.0	0.530
86.00	0.52	1.22	0.00	0.00	0.00	26.68	27.28	52.0	0.0	0.525
87.00	0.51	1.23	0.00	0.00	0.00	26.42	27.01	52.0	0.0	0.520
87.54	0.51	1.23	0.00	0.00	0.00	26.28	26.87	52.0	0.0	0.517
88.00	0.51	1.23	0.00	0.00	0.00	25.82	26.42	52.0	0.0	0.508
89.00	0.50	1.23	0.00	0.00	0.00	25.55	26.14	52.0	0.0	0.503
90.00	0.50	1.24	0.00	0.00	0.00	25.28	25.86	52.0	0.0	0.498
91.00	0.49	1.24	0.00	0.00	0.00	25.00	25.58	52.0	0.0	0.492
92.00	0.49	1.24	0.00	0.00	0.00	24.71	25.29	52.0	0.0	0.486
92.46	0.54	1.46	0.00	0.00	0.00	26.76	27.41	52.0	0.0	0.527
93.00	0.53	1.47	0.00	0.00	0.00	26.58	27.23	52.0	0.0	0.524
94.00	0.53	1.47	0.00	0.00	0.00	26.25	26.90	52.0	0.0	0.518
95.00	0.51	1.44	0.00	0.00	0.00	25.91	26.54	52.0	0.0	0.511
96.00	0.51	1.45	0.00	0.00	0.00	25.59	26.21	52.0	0.0	0.504
97.00	0.50	1.45	0.00	0.00	0.00	25.25	25.88	52.0	0.0	0.498
98.00	0.50	1.46	0.00	0.00	0.00	24.91	25.54	52.0	0.0	0.491
99.00	0.50	1.46	0.00	0.00	0.00	24.57	25.19	52.0	0.0	0.485
100.00	0.49	1.46	0.00	0.00	0.00	24.22	24.84	52.0	0.0	0.478
101.00	0.49	1.47	0.00	0.00	0.00	23.86	24.48	52.0	0.0	0.471
102.00	0.48	1.47	0.00	0.00	0.00	23.50	24.12	52.0	0.0	0.464
103.00	0.48	1.48	0.00	0.00	0.00	23.13	23.75	52.0	0.0	0.457

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

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Base Elev : 0.000 (ft)



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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.00	0.48	1.48	0.00	0.00	0.00	22.76	23.38	52.0	0.0	0.450
104.00	0.78	1.48	0.00	0.00	0.00	44.65	45.50	52.0	0.0	0.875
105.00	0.77	1.46	0.00	0.00	0.00	44.12	44.97	52.0	0.0	0.865
106.00	0.77	1.47	0.00	0.00	0.00	43.60	44.44	52.0	0.0	0.855
107.00	0.77	1.47	0.00	0.00	0.00	43.06	43.90	52.0	0.0	0.844
108.00	0.76	1.48	0.00	0.00	0.00	42.50	43.34	52.0	0.0	0.834
109.00	0.76	1.48	0.00	0.00	0.00	41.92	42.76	52.0	0.0	0.823
110.00	0.76	1.49	0.00	0.00	0.00	41.33	42.17	52.0	0.0	0.811
111.00	0.76	1.50	0.00	0.00	0.00	40.72	41.56	52.0	0.0	0.799
112.00	0.75	1.50	0.00	0.00	0.00	40.09	40.93	52.0	0.0	0.787
113.00	0.75	1.51	0.00	0.00	0.00	39.44	40.28	52.0	0.0	0.775
114.00	0.75	1.51	0.00	0.00	0.00	38.77	39.61	52.0	0.0	0.762
114.50	0.67	1.35	0.00	0.00	0.00	38.43	39.18	52.0	0.0	0.754
115.00	0.67	1.35	0.00	0.00	0.00	38.16	38.90	52.0	0.0	0.748
116.00	0.67	1.36	0.00	0.00	0.00	37.59	38.33	52.0	0.0	0.737
117.00	0.67	1.36	0.00	0.00	0.00	37.01	37.75	52.0	0.0	0.726
118.00	0.66	1.37	0.00	0.00	0.00	36.41	37.14	52.0	0.0	0.715
119.00	0.66	1.37	0.00	0.00	0.00	35.79	36.52	52.0	0.0	0.703
120.00	0.66	1.38	0.00	0.00	0.00	35.15	35.88	52.0	0.0	0.690
121.00	0.65	1.38	0.00	0.00	0.00	34.49	35.22	52.0	0.0	0.678
122.00	0.65	1.39	0.00	0.00	0.00	33.80	34.54	52.0	0.0	0.664
123.00	0.65	1.39	0.00	0.00	0.00	33.10	33.83	52.0	0.0	0.651
124.00	0.64	1.40	0.00	0.00	0.00	32.38	33.11	52.0	0.0	0.637
125.00	0.56	1.10	0.00	0.00	0.00	31.63	32.24	52.0	0.0	0.620
126.00	0.55	1.11	0.00	0.00	0.00	31.14	31.75	52.0	0.0	0.611
127.00	0.55	1.11	0.00	0.00	0.00	30.63	31.24	52.0	0.0	0.601
128.00	0.55	1.12	0.00	0.00	0.00	30.10	30.71	52.0	0.0	0.591
129.00	0.55	1.12	0.00	0.00	0.00	29.55	30.16	52.0	0.0	0.580
130.00	0.54	1.13	0.00	0.00	0.00	28.99	29.60	52.0	0.0	0.569
131.00	0.54	1.13	0.00	0.00	0.00	28.40	29.01	52.0	0.0	0.558
132.00	0.43	0.95	0.00	0.00	0.00	27.80	28.28	52.0	0.0	0.544
132.12	0.43	0.95	0.00	0.00	0.00	27.75	28.22	52.0	0.0	0.543
133.00	0.42	0.96	0.00	0.00	0.00	27.35	27.83	52.0	0.0	0.535
134.00	0.40	0.85	0.00	0.00	0.00	26.89	27.34	52.0	0.0	0.526
135.00	0.40	0.85	0.00	0.00	0.00	26.53	26.96	52.0	0.0	0.519
135.87	0.64	1.40	0.00	0.00	0.00	41.68	42.38	52.0	0.0	0.815
136.00	0.64	1.40	0.00	0.00	0.00	41.59	42.30	52.0	0.0	0.814
137.00	0.63	1.40	0.00	0.00	0.00	40.95	41.66	52.0	0.0	0.801
138.00	0.63	1.40	0.00	0.00	0.00	40.29	40.99	52.0	0.0	0.789
139.00	0.63	1.41	0.00	0.00	0.00	39.60	40.30	52.0	0.0	0.775
140.00	0.57	1.23	0.00	0.00	0.00	38.22	38.85	52.0	0.0	0.747
141.00	0.56	1.23	0.00	0.00	0.00	37.67	38.29	52.0	0.0	0.737
142.00	0.56	1.23	0.00	0.00	0.00	37.10	37.72	52.0	0.0	0.726
143.00	0.56	1.23	0.00	0.00	0.00	36.51	37.12	52.0	0.0	0.714
144.00	0.55	1.24	0.00	0.00	0.00	35.90	36.51	52.0	0.0	0.702
145.00	0.55	1.24	0.00	0.00	0.00	35.27	35.88	52.0	0.0	0.690
146.00	0.54	1.24	0.00	0.00	0.00	34.61	35.22	52.0	0.0	0.678
147.00	0.54	1.24	0.00	0.00	0.00	33.94	34.54	52.0	0.0	0.665
148.00	0.53	1.25	0.00	0.00	0.00	33.24	33.84	52.0	0.0	0.651
149.00	0.53	1.25	0.00	0.00	0.00	32.51	33.12	52.0	0.0	0.637
150.00	0.51	1.21	0.00	0.00	0.00	31.77	32.35	52.0	0.0	0.622
151.00	0.51	1.21	0.00	0.00	0.00	31.04	31.62	52.0	0.0	0.608
152.00	0.50	1.21	0.00	0.00	0.00	30.29	30.87	52.0	0.0	0.594
153.00	0.50	1.21	0.00	0.00	0.00	29.52	30.09	52.0	0.0	0.579
154.00	0.50	1.21	0.00	0.00	0.00	28.71	29.28	52.0	0.0	0.563
155.00	0.49	1.22	0.00	0.00	0.00	27.88	28.45	52.0	0.0	0.547
156.00	0.49	1.22	0.00	0.00	0.00	27.01	27.58	52.0	0.0	0.531

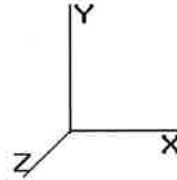
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

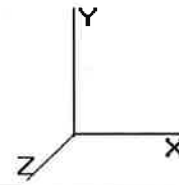
157.00	0.48	1.22	0.00	0.00	0.00	26.12	26.68	52.0	0.0	0.513
158.00	0.48	1.23	0.00	0.00	0.00	25.19	25.75	52.0	0.0	0.495
159.00	0.47	1.23	0.00	0.00	0.00	24.22	24.79	52.0	0.0	0.477
160.00	0.47	1.23	0.00	0.00	0.00	23.22	23.78	52.0	0.0	0.458
161.00	0.47	1.23	0.00	0.00	0.00	22.18	22.74	52.0	0.0	0.438
162.00	0.46	1.24	0.00	0.00	0.00	21.09	21.66	52.0	0.0	0.417
163.00	0.46	1.24	0.00	0.00	0.00	19.97	20.54	52.0	0.0	0.395
164.00	0.45	1.24	0.00	0.00	0.00	18.80	19.37	52.0	0.0	0.373
165.00	0.45	1.25	0.00	0.00	0.00	17.58	18.15	52.0	0.0	0.349
166.00	0.31	0.78	0.00	0.00	0.00	16.31	16.68	52.0	0.0	0.321
167.00	0.31	0.78	0.00	0.00	0.00	15.64	16.01	52.0	0.0	0.308
168.00	0.31	0.79	0.00	0.00	0.00	14.94	15.30	52.0	0.0	0.294
169.00	0.31	0.79	0.00	0.00	0.00	14.20	14.57	52.0	0.0	0.280
170.00	0.30	0.79	0.00	0.00	0.00	13.44	13.81	52.0	0.0	0.266
171.00	0.30	0.79	0.00	0.00	0.00	12.64	13.01	52.0	0.0	0.250
172.00	0.30	0.80	0.00	0.00	0.00	11.80	12.18	52.0	0.0	0.234
173.00	0.30	0.80	0.00	0.00	0.00	10.93	11.31	52.0	0.0	0.218
174.00	0.30	0.80	0.00	0.00	0.00	10.02	10.41	52.0	0.0	0.200
175.00	0.29	0.80	0.00	0.00	0.00	9.06	9.46	52.0	0.0	0.182
176.00	0.29	0.81	0.00	0.00	0.00	8.06	8.47	52.0	0.0	0.163
177.00	0.29	0.81	0.00	0.00	0.00	7.01	7.43	52.0	0.0	0.143
178.00	0.29	0.81	0.00	0.00	0.00	5.91	6.35	52.0	0.0	0.122
179.00	0.29	0.82	0.00	0.00	0.00	4.75	5.23	52.0	0.0	0.101
180.00	0.00	0.74	0.00	0.00	0.00	3.54	3.76	52.0	0.0	0.072

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

**Shaft Segment Forces**

Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)	
0.00		0.00	1.00	6.400	10.81	219.79	0.650	0.000	0.00	0.000	0.00	0.0	0.0	
1.00		0.00	1.00	6.400	10.81	218.87	0.650	0.000	1.00	4.387	2.85	30.8	0.0	313.5
2.00		0.00	1.00	6.400	10.81	217.96	0.650	0.000	1.00	4.368	2.84	30.7	0.0	312.4
3.00		0.00	1.00	6.400	10.81	217.04	0.650	0.000	1.00	4.350	2.83	30.6	0.0	311.4
4.00		0.00	1.00	6.400	10.81	216.13	0.650	0.000	1.00	4.332	2.82	30.5	0.0	310.3
5.00		0.00	1.00	6.400	10.81	215.22	0.650	0.000	1.00	4.314	2.80	30.3	0.0	309.3
6.00		0.00	1.00	6.400	10.81	214.30	0.650	0.000	1.00	4.295	2.79	30.2	0.0	308.3
7.00		0.00	1.00	6.400	10.81	213.39	0.650	0.000	1.00	4.277	2.78	30.1	0.0	307.2
8.00		0.00	1.00	6.400	10.81	212.47	0.650	0.000	1.00	4.259	2.77	29.9	0.0	306.2
9.00		0.00	1.00	6.400	10.81	211.56	0.650	0.000	1.00	4.240	2.76	29.8	0.0	305.2
10.00		0.00	1.00	6.400	10.81	210.64	0.650	0.000	1.00	4.222	2.74	29.7	0.0	304.1
11.00		0.00	1.00	6.400	10.81	209.73	0.650	0.000	1.00	4.204	2.73	29.6	0.0	303.1
12.00		0.00	1.00	6.400	10.81	208.81	0.650	0.000	1.00	4.186	2.72	29.4	0.0	302.1
13.00		0.00	1.00	6.400	10.81	207.90	0.650	0.000	1.00	4.167	2.71	29.3	0.0	301.0
14.00		0.00	1.00	6.400	10.81	206.99	0.650	0.000	1.00	4.149	2.70	29.2	0.0	300.0
15.00		0.00	1.00	6.400	10.81	206.07	0.650	0.000	1.00	4.131	2.68	29.0	0.0	298.9
16.00		0.00	1.00	6.400	10.81	205.16	0.650	0.000	1.00	4.112	2.67	28.9	0.0	297.9
17.00		0.00	1.00	6.400	10.81	204.24	0.650	0.000	1.00	4.094	2.66	28.8	0.0	296.9
18.00		0.00	1.00	6.400	10.81	203.33	0.650	0.000	1.00	4.076	2.65	28.7	0.0	295.8
19.00		0.00	1.00	6.400	10.81	202.41	0.650	0.000	1.00	4.058	2.64	28.5	0.0	294.8
20.00		0.00	1.00	6.400	10.81	201.50	0.650	0.000	1.00	4.039	2.63	28.4	0.0	293.8
21.00		0.00	1.00	6.400	10.81	200.59	0.650	0.000	1.00	4.021	2.61	28.3	0.0	292.7
22.00		0.00	1.00	6.400	10.81	199.67	0.650	0.000	1.00	4.003	2.60	28.1	0.0	291.7
23.00		0.00	1.00	6.400	10.81	198.76	0.650	0.000	1.00	3.984	2.59	28.0	0.0	290.6
24.00		0.00	1.00	6.400	10.81	197.84	0.650	0.000	1.00	3.966	2.58	27.9	0.0	289.6
25.00		0.00	1.00	6.400	10.81	196.93	0.650	0.000	1.00	3.948	2.57	27.8	0.0	288.6
26.00		0.00	1.00	6.400	10.81	196.01	0.650	0.000	1.00	3.930	2.55	27.6	0.0	287.5
27.00		0.00	1.00	6.400	10.81	195.10	0.650	0.000	1.00	3.911	2.54	27.5	0.0	286.5
28.00		0.00	1.00	6.400	10.81	194.19	0.650	0.000	1.00	3.893	2.53	27.4	0.0	285.5
29.00		0.00	1.00	6.400	10.81	193.27	0.650	0.000	1.00	3.875	2.52	27.2	0.0	284.4
30.00	Appertunance(s)	0.00	1.00	6.400	10.81	192.36	0.650	0.000	1.00	3.856	2.51	27.1	0.0	283.4
31.00		0.00	1.00	6.400	10.81	191.44	0.650	0.000	1.00	3.838	2.49	27.0	0.0	282.4
32.00		0.00	1.00	6.400	10.81	190.53	0.650	0.000	1.00	3.820	2.48	26.9	0.0	281.3
33.00		0.00	1.00	6.400	10.81	189.61	0.650	0.000	1.00	3.802	2.47	26.7	0.0	280.3
34.00		0.00	1.00	6.455	10.90	189.51	0.650	0.000	1.00	3.783	2.46	26.8	0.0	279.2
35.00		0.00	1.01	6.509	10.99	189.37	0.650	0.000	1.00	3.765	2.45	26.9	0.0	278.2
36.00		0.00	1.02	6.561	11.08	189.21	0.650	0.000	1.00	3.747	2.44	27.0	0.0	277.2
37.00		0.00	1.03	6.613	11.17	189.02	0.650	0.000	1.00	3.728	2.42	27.1	0.0	276.1
38.00		0.00	1.04	6.663	11.26	188.81	0.650	0.000	1.00	3.710	2.41	27.2	0.0	275.1
39.00		0.00	1.04	6.713	11.34	188.57	0.650	0.000	1.00	3.692	2.40	27.2	0.0	274.1
40.00		0.00	1.05	6.762	11.42	188.32	0.650	0.000	1.00	3.673	2.39	27.3	0.0	273.0
41.00		0.00	1.06	6.809	11.50	188.04	0.650	0.000	1.00	3.655	2.38	27.3	0.0	272.0
42.00		0.00	1.07	6.857	11.58	187.74	0.650	0.000	1.00	3.637	2.36	27.4	0.0	270.9
42.96	Bot - Section 2	0.00	1.07	6.901	11.66	187.44	0.650	0.000	0.96	3.462	2.25	26.2	0.0	258.2
43.00		0.00	1.07	6.903	11.66	187.43	0.650	0.000	0.04	0.160	0.10	1.2	0.0	19.4
44.00		0.00	1.08	6.948	11.74	187.09	0.650	0.000	1.00	3.663	2.38	28.0	0.0	445.4
45.00		0.00	1.09	6.993	11.81	186.73	0.650	0.000	1.00	3.645	2.37	28.0	0.0	443.4
46.00		0.00	1.10	7.037	11.89	186.36	0.650	0.000	1.00	3.626	2.36	28.0	0.0	441.5
47.00		0.00	1.10	7.080	11.96	185.97	0.650	0.000	1.00	3.608	2.35	28.1	0.0	439.6
48.00		0.00	1.11	7.123	12.03	185.57	0.650	0.000	1.00	3.590	2.33	28.1	0.0	437.7
49.00		0.00	1.12	7.165	12.10	185.15	0.650	0.000	1.00	3.571	2.32	28.1	0.0	435.7

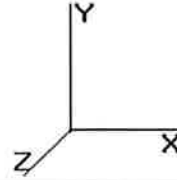
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

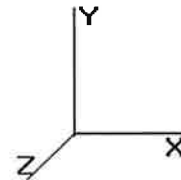
49.04	Top - Section 1	0.00	1.12	7.167	12.11	185.13	0.650	0.000	0.04	0.142	0.09	1.1	0.0	17.3
50.00		0.00	1.12	7.207	12.17	188.03	0.650	0.000	0.96	3.411	2.22	27.0	0.0	228.5
51.00		0.00	1.13	7.248	12.24	187.59	0.650	0.000	1.00	3.535	2.30	28.1	0.0	237.1
52.00		0.00	1.13	7.288	12.31	187.14	0.650	0.000	1.00	3.517	2.29	28.2	0.0	236.2
53.00		0.00	1.14	7.328	12.38	186.67	0.650	0.000	1.00	3.498	2.27	28.2	0.0	235.3
54.00		0.00	1.15	7.367	12.45	186.19	0.650	0.000	1.00	3.480	2.26	28.2	0.0	234.4
55.00		0.00	1.15	7.406	12.51	185.69	0.650	0.000	1.00	3.462	2.25	28.2	0.0	233.5
56.00		0.00	1.16	7.444	12.58	185.18	0.650	0.000	1.00	3.443	2.24	28.2	0.0	232.6
57.00		0.00	1.16	7.482	12.64	184.66	0.650	0.000	1.00	3.425	2.23	28.1	0.0	231.7
58.00		0.00	1.17	7.519	12.70	184.13	0.650	0.000	1.00	3.407	2.21	28.1	0.0	230.9
59.00		0.00	1.18	7.556	12.76	183.59	0.650	0.000	1.00	3.389	2.20	28.1	0.0	230.0
60.00		0.00	1.18	7.592	12.83	183.03	0.650	0.000	1.00	3.370	2.19	28.1	0.0	229.1
61.00		0.00	1.19	7.628	12.89	182.47	0.650	0.000	1.00	3.352	2.18	28.1	0.0	228.2
62.00		0.00	1.19	7.664	12.95	181.89	0.650	0.000	1.00	3.334	2.17	28.1	0.0	227.3
63.00		0.00	1.20	7.699	13.01	181.31	0.650	0.000	1.00	3.315	2.16	28.0	0.0	226.4
64.00		0.00	1.20	7.733	13.06	180.71	0.650	0.000	1.00	3.297	2.14	28.0	0.0	225.5
65.00		0.00	1.21	7.768	13.12	180.10	0.650	0.000	1.00	3.279	2.13	28.0	0.0	224.6
66.00		0.00	1.21	7.802	13.18	179.49	0.650	0.000	1.00	3.261	2.12	27.9	0.0	223.7
67.00		0.00	1.22	7.835	13.24	178.86	0.650	0.000	1.00	3.242	2.11	27.9	0.0	222.9
68.00		0.00	1.22	7.869	13.29	178.23	0.650	0.000	1.00	3.224	2.10	27.9	0.0	222.0
69.00		0.00	1.23	7.901	13.35	177.58	0.650	0.000	1.00	3.206	2.08	27.8	0.0	221.1
70.00		0.00	1.24	7.934	13.40	176.93	0.650	0.000	1.00	3.187	2.07	27.8	0.0	220.2
71.00		0.00	1.24	7.966	13.46	176.27	0.650	0.000	1.00	3.169	2.06	27.7	0.0	219.3
72.00		0.00	1.25	7.998	13.51	175.60	0.650	0.000	1.00	3.151	2.05	27.7	0.0	218.4
73.00		0.00	1.25	8.030	13.57	174.92	0.650	0.000	1.00	3.133	2.04	27.6	0.0	217.5
74.00		0.00	1.26	8.061	13.62	174.24	0.650	0.000	1.00	3.114	2.02	27.6	0.0	216.6
75.00		0.00	1.26	8.092	13.67	173.54	0.650	0.000	1.00	3.096	2.01	27.5	0.0	215.7
76.00		0.00	1.26	8.123	13.72	172.84	0.650	0.000	1.00	3.078	2.00	27.5	0.0	214.9
77.00		0.00	1.27	8.153	13.77	172.13	0.650	0.000	1.00	3.059	1.99	27.4	0.0	214.0
78.00	Appertunance(s)	0.00	1.27	8.183	13.82	171.41	0.650	0.000	1.00	3.041	1.98	27.3	0.0	213.1
79.00		0.00	1.28	8.213	13.88	170.69	0.650	0.000	1.00	3.023	1.96	27.3	0.0	212.2
80.00		0.00	1.28	8.242	13.93	169.96	0.650	0.000	1.00	3.005	1.95	27.2	0.0	211.3
81.00		0.00	1.29	8.272	13.97	169.22	0.650	0.000	1.00	2.986	1.94	27.1	0.0	210.4
82.00		0.00	1.29	8.301	14.02	168.48	0.650	0.000	1.00	2.968	1.93	27.1	0.0	209.5
83.00		0.00	1.30	8.330	14.07	167.73	0.650	0.000	1.00	2.950	1.92	27.0	0.0	208.6
84.00		0.00	1.30	8.358	14.12	166.97	0.650	0.000	1.00	2.931	1.91	26.9	0.0	207.7
85.00		0.00	1.31	8.387	14.17	166.21	0.650	0.000	1.00	2.913	1.89	26.8	0.0	206.9
86.00		0.00	1.31	8.415	14.22	165.44	0.650	0.000	1.00	2.895	1.88	26.8	0.0	206.0
87.00		0.00	1.31	8.442	14.26	164.66	0.650	0.000	1.00	2.877	1.87	26.7	0.0	205.1
87.54	Bot - Section 3	0.00	1.32	8.457	14.29	164.24	0.650	0.000	0.54	1.545	1.00	14.4	0.0	110.4
88.00		0.00	1.32	8.470	14.31	163.88	0.650	0.000	0.46	1.337	0.87	12.4	0.0	147.5
89.00		0.00	1.32	8.497	14.36	163.09	0.650	0.000	1.00	2.892	1.88	27.0	0.0	319.4
90.00		0.00	1.33	8.525	14.40	162.29	0.650	0.000	1.00	2.874	1.87	26.9	0.0	317.7
91.00		0.00	1.33	8.552	14.45	161.49	0.650	0.000	1.00	2.855	1.86	26.8	0.0	316.1
92.00		0.00	1.34	8.578	14.49	160.69	0.650	0.000	1.00	2.837	1.84	26.7	0.0	314.5
92.46	Top - Section 2	0.00	1.34	8.590	14.51	160.32	0.650	0.000	0.46	1.289	0.84	12.2	0.0	143.0
93.00		0.00	1.34	8.605	14.54	162.89	0.650	0.000	0.54	1.530	0.99	14.5	0.0	97.7
94.00		0.00	1.34	8.631	14.58	162.08	0.650	0.000	1.00	2.801	1.82	26.6	0.0	179.2
95.00	Appertunance(s)	0.00	1.35	8.657	14.63	161.26	0.650	0.000	1.00	2.782	1.81	26.5	0.0	178.4
96.00		0.00	1.35	8.683	14.67	160.44	0.650	0.000	1.00	2.764	1.80	26.4	0.0	177.7
97.00		0.00	1.36	8.709	14.71	159.61	0.650	0.000	1.00	2.746	1.78	26.3	0.0	176.9
98.00		0.00	1.36	8.735	14.76	158.78	0.650	0.000	1.00	2.727	1.77	26.2	0.0	176.2
99.00		0.00	1.36	8.760	14.80	157.94	0.650	0.000	1.00	2.709	1.76	26.1	0.0	175.5
100.0		0.00	1.37	8.785	14.84	157.09	0.650	0.000	1.00	2.691	1.75	26.0	0.0	174.7
101.0		0.00	1.37	8.810	14.88	156.24	0.650	0.000	1.00	2.673	1.74	25.9	0.0	174.0
102.0		0.00	1.38	8.835	14.93	155.39	0.650	0.000	1.00	2.654	1.73	25.8	0.0	173.2
103.0		0.00	1.38	8.860	14.97	154.53	0.650	0.000	1.00	2.636	1.71	25.7	0.0	172.5

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.0	Reinf. Top	0.00	1.38	8.884	15.01	153.67	0.650	0.000	1.00	2.618	1.70	25.5	0.0	171.8
105.0	Appertunance(s)	0.00	1.39	8.908	15.05	152.80	0.650	0.000	1.00	2.599	1.69	25.4	0.0	104.2
106.0		0.00	1.39	8.933	15.09	151.92	0.650	0.000	1.00	2.581	1.68	25.3	0.0	103.5
107.0		0.00	1.39	8.957	15.13	151.05	0.650	0.000	1.00	2.563	1.67	25.2	0.0	102.7
108.0		0.00	1.40	8.980	15.17	150.16	0.650	0.000	1.00	2.545	1.65	25.1	0.0	102.0
109.0		0.00	1.40	9.004	15.21	149.28	0.650	0.000	1.00	2.526	1.64	25.0	0.0	101.3
110.0		0.00	1.41	9.028	15.25	148.39	0.650	0.000	1.00	2.508	1.63	24.9	0.0	100.5
111.0		0.00	1.41	9.051	15.29	147.49	0.650	0.000	1.00	2.490	1.62	24.8	0.0	99.8
112.0		0.00	1.41	9.074	15.33	146.59	0.650	0.000	1.00	2.471	1.61	24.6	0.0	99.0
113.0		0.00	1.42	9.097	15.37	145.69	0.650	0.000	1.00	2.453	1.59	24.5	0.0	98.3
114.0		0.00	1.42	9.120	15.41	144.78	0.650	0.000	1.00	2.435	1.58	24.4	0.0	97.6
114.5	Appertunance(s)	0.00	1.42	9.132	15.43	144.32	0.650	0.000	0.50	1.211	0.79	12.1	0.0	48.5
115.0		0.00	1.42	9.143	15.45	143.87	0.650	0.000	0.50	1.206	0.78	12.1	0.0	48.3
116.0		0.00	1.43	9.166	15.49	142.95	0.650	0.000	1.00	2.398	1.56	24.1	0.0	96.1
117.0		0.00	1.43	9.188	15.52	142.03	0.650	0.000	1.00	2.380	1.55	24.0	0.0	95.3
118.0		0.00	1.43	9.211	15.56	141.11	0.650	0.000	1.00	2.362	1.54	23.9	0.0	94.6
119.0		0.00	1.44	9.233	15.60	140.18	0.650	0.000	1.00	2.343	1.52	23.8	0.0	93.9
120.0		0.00	1.44	9.255	15.64	139.25	0.650	0.000	1.00	2.325	1.51	23.6	0.0	93.1
121.0		0.00	1.45	9.277	15.67	138.31	0.650	0.000	1.00	2.307	1.50	23.5	0.0	92.4
122.0		0.00	1.45	9.299	15.71	137.37	0.650	0.000	1.00	2.289	1.49	23.4	0.0	91.6
123.0		0.00	1.45	9.320	15.75	136.43	0.650	0.000	1.00	2.270	1.48	23.2	0.0	90.9
124.0		0.00	1.46	9.342	15.78	135.48	0.650	0.000	1.00	2.252	1.46	23.1	0.0	90.2
125.0	Appertunance(s)	0.00	1.46	9.363	15.82	134.53	0.650	0.000	1.00	2.234	1.45	23.0	0.0	89.4
126.0		0.00	1.46	9.385	15.86	133.58	0.650	0.000	1.00	2.215	1.44	22.8	0.0	88.7
127.0		0.00	1.47	9.406	15.89	132.62	0.650	0.000	1.00	2.197	1.43	22.7	0.0	87.9
128.0		0.00	1.47	9.427	15.93	131.66	0.650	0.000	1.00	2.179	1.42	22.6	0.0	87.2
129.0		0.00	1.47	9.448	15.96	130.69	0.650	0.000	1.00	2.161	1.40	22.4	0.0	86.4
130.0		0.00	1.48	9.469	16.00	129.73	0.650	0.000	1.00	2.142	1.39	22.3	0.0	85.7
131.0		0.00	1.48	9.490	16.03	128.75	0.650	0.000	1.00	2.124	1.38	22.1	0.0	85.0
132.0	Appertunance(s)	0.00	1.48	9.510	16.07	127.78	0.650	0.000	1.00	2.106	1.37	22.0	0.0	84.2
132.1	Bot - Section 4	0.00	1.48	9.513	16.07	127.66	0.650	0.000	0.12	0.251	0.16	2.6	0.0	10.0
133.0		0.00	1.48	9.531	16.10	126.80	0.650	0.000	0.88	1.864	1.21	19.5	0.0	118.4
134.0	Appertunance(s)	0.00	1.49	9.551	16.14	125.82	0.650	0.000	1.00	2.100	1.37	22.0	0.0	133.4
135.0		0.00	1.49	9.572	16.17	124.84	0.650	0.000	1.00	2.082	1.35	21.9	0.0	132.2
135.8	Top - Section 3	0.00	1.49	9.589	16.20	123.98	0.650	0.000	0.87	1.796	1.17	18.9	0.0	114.0
136.0		0.00	1.49	9.592	16.21	125.76	0.650	0.000	0.13	0.268	0.17	2.8	0.0	6.5
137.0		0.00	1.50	9.612	16.24	124.77	0.650	0.000	1.00	2.045	1.33	21.6	0.0	49.3
138.0		0.00	1.50	9.632	16.27	123.78	0.650	0.000	1.00	2.027	1.32	21.4	0.0	48.9
139.0		0.00	1.50	9.652	16.31	122.79	0.650	0.000	1.00	2.009	1.31	21.3	0.0	48.4
140.0	Appertunance(s)	0.00	1.51	9.672	16.34	121.79	0.650	0.000	1.00	1.991	1.29	21.1	0.0	48.0
141.0		0.00	1.51	9.691	16.37	120.79	0.650	0.000	1.00	1.972	1.28	21.0	0.0	47.5
142.0		0.00	1.51	9.711	16.41	119.78	0.650	0.000	1.00	1.954	1.27	20.8	0.0	47.1
143.0		0.00	1.52	9.730	16.44	118.77	0.650	0.000	1.00	1.936	1.26	20.7	0.0	46.7
144.0		0.00	1.52	9.750	16.47	117.76	0.650	0.000	1.00	1.917	1.25	20.5	0.0	46.2
145.0		0.00	1.52	9.769	16.51	116.75	0.650	0.000	1.00	1.899	1.23	20.4	0.0	45.8
146.0		0.00	1.52	9.788	16.54	115.74	0.650	0.000	1.00	1.881	1.22	20.2	0.0	45.3
147.0		0.00	1.53	9.807	16.57	114.72	0.650	0.000	1.00	1.863	1.21	20.1	0.0	44.9
148.0		0.00	1.53	9.826	16.60	113.69	0.650	0.000	1.00	1.844	1.20	19.9	0.0	44.4
149.0		0.00	1.53	9.845	16.63	112.67	0.650	0.000	1.00	1.826	1.19	19.7	0.0	44.0
150.0	Appertunance(s)	0.00	1.54	9.864	16.67	111.64	0.650	0.000	1.00	1.808	1.18	19.6	0.0	43.5
151.0		0.00	1.54	9.883	16.70	110.61	0.650	0.000	1.00	1.789	1.16	19.4	0.0	43.1
152.0		0.00	1.54	9.902	16.73	109.58	0.650	0.000	1.00	1.771	1.15	19.3	0.0	42.7
153.0		0.00	1.55	9.920	16.76	108.54	0.650	0.000	1.00	1.753	1.14	19.1	0.0	42.2
154.0		0.00	1.55	9.939	16.79	107.51	0.650	0.000	1.00	1.735	1.13	18.9	0.0	41.8
155.0		0.00	1.55	9.957	16.82	106.46	0.650	0.000	1.00	1.716	1.12	18.8	0.0	41.3
156.0		0.00	1.55	9.975	16.85	105.42	0.650	0.000	1.00	1.698	1.10	18.6	0.0	40.9
157.0		0.00	1.56	9.994	16.88	104.37	0.650	0.000	1.00	1.680	1.09	18.4	0.0	40.4

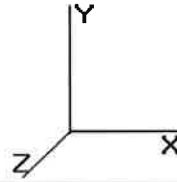
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

158.0		0.00	1.56	10.012	16.92	103.33	0.650	0.000	1.00	1.661	1.08	18.3	0.0	40.0
159.0		0.00	1.56	10.030	16.95	102.27	0.650	0.000	1.00	1.643	1.07	18.1	0.0	39.5
160.0		0.00	1.57	10.048	16.98	101.22	0.650	0.000	1.00	1.625	1.06	17.9	0.0	39.1
161.0		0.00	1.57	10.066	17.01	100.16	0.650	0.000	1.00	1.607	1.04	17.8	0.0	38.7
162.0		0.00	1.57	10.083	17.04	99.109	0.650	0.000	1.00	1.588	1.03	17.6	0.0	38.2
163.0		0.00	1.57	10.101	17.07	98.047	0.650	0.000	1.00	1.570	1.02	17.4	0.0	37.8
164.0		0.00	1.58	10.119	17.10	96.983	0.650	0.000	1.00	1.552	1.01	17.2	0.0	37.3
165.0		0.00	1.58	10.136	17.13	95.917	0.650	0.000	1.00	1.533	1.00	17.1	0.0	36.9
166.0	Appertunance(s)	0.00	1.58	10.154	17.16	94.848	0.650	0.000	1.00	1.515	0.98	16.9	0.0	36.4
167.0		0.00	1.58	10.171	17.19	93.777	0.650	0.000	1.00	1.497	0.97	16.7	0.0	36.0
168.0		0.00	1.59	10.189	17.21	92.703	0.650	0.000	1.00	1.479	0.96	16.5	0.0	35.6
169.0		0.00	1.59	10.206	17.24	91.627	0.650	0.000	1.00	1.460	0.95	16.4	0.0	35.1
170.0		0.00	1.59	10.223	17.27	90.549	0.650	0.000	1.00	1.442	0.94	16.2	0.0	34.7
171.0		0.00	1.60	10.240	17.30	89.468	0.650	0.000	1.00	1.424	0.93	16.0	0.0	34.2
172.0		0.00	1.60	10.257	17.33	88.385	0.650	0.000	1.00	1.405	0.91	15.8	0.0	33.8
173.0		0.00	1.60	10.274	17.36	87.300	0.650	0.000	1.00	1.387	0.90	15.7	0.0	33.3
174.0		0.00	1.60	10.291	17.39	86.212	0.650	0.000	1.00	1.369	0.89	15.5	0.0	32.9
175.0		0.00	1.61	10.308	17.42	85.122	0.650	0.000	1.00	1.351	0.88	15.3	0.0	32.4
176.0		0.00	1.61	10.325	17.44	84.030	0.650	0.000	1.00	1.332	0.87	15.1	0.0	32.0
177.0		0.00	1.61	10.342	17.47	82.936	0.650	0.000	1.00	1.314	0.85	14.9	0.0	31.6
178.0		0.00	1.61	10.358	17.50	81.839	0.650	0.000	1.00	1.296	0.84	14.7	0.0	31.1
179.0		0.00	1.62	10.375	17.53	80.741	0.650	0.000	1.00	1.277	0.83	14.6	0.0	30.7
180.0	Appertunance(s)	0.00	1.62	10.392	17.56	79.640	0.650	0.000	1.00	1.259	0.82	14.4	0.0	30.2
<b>Totals:</b>									180.00			4,440.7	0.0	32,218.2

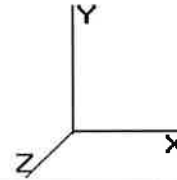
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Discrete Appurtenance Segment Forces**

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	6.400	10.816	1.00	1.00	0.000	0.000	10.82	0.00	0.00	10.00
78.00	PCTEL GPS-TMG-HR-	1	8.183	13.829	1.00	0.09	0.000	0.000	1.24	0.00	0.00	0.60
95.00	Flat Side Arm	3	8.657	14.631	0.67	12.66	0.000	0.000	185.27	0.00	0.00	450.00
95.00	Bird 429-83H-01-T	1	8.657	14.631	0.33	0.35	0.000	0.000	5.07	0.00	0.00	20.00
95.00	Andrew DB586	1	8.709	14.718	1.00	0.74	0.000	2.000	10.89	0.00	21.78	8.30
95.00	Andrew DB586	1	8.605	14.542	1.00	0.74	0.000	-2.000	10.76	0.00	-21.52	8.30
105.0	RFS APXV18-206517S-	3	8.908	15.055	0.80	12.38	0.000	0.000	186.44	0.00	0.00	79.20
114.5	Decibel DB844H90E-	12	9.132	15.432	0.91	40.73	0.000	0.000	628.59	0.00	0.00	168.00
114.5	Round Low Profile PI	1	9.132	15.432	1.00	21.70	0.000	0.000	334.88	0.00	0.00	1,500.00
125.0	Antel LPA-80080/6CF	4	9.363	15.824	0.74	26.94	0.000	0.000	426.24	0.00	0.00	84.00
125.0	Round Low Profile PI	1	9.363	15.824	1.00	21.70	0.000	0.000	343.38	0.00	0.00	1,500.00
125.0	Amp Antel BXA-70063/	2	9.363	15.824	0.65	10.05	0.000	0.000	159.02	0.00	0.00	34.00
125.0	A Antel BXA-171085-1	2	9.363	15.824	0.82	7.76	0.000	0.000	122.75	0.00	0.00	30.00
125.0	A Antel BXA-171063-1	1	9.363	15.824	0.88	4.16	0.000	0.000	65.87	0.00	0.00	15.00
125.0	RFS FD9R6004/2C-3L	6	9.363	15.824	0.50	1.08	0.000	0.000	17.09	0.00	0.00	18.60
125.0	Amphenol Antel BXA-7	1	9.363	15.824	1.00	16.31	0.000	0.000	258.09	0.00	0.00	37.50
125.0	Antel LPA-80063/6CF	2	9.363	15.824	0.91	18.82	0.000	0.000	297.79	0.00	0.00	54.00
132.0	Alcatel-Lucent 1900M	3	9.510	16.073	0.67	7.64	0.000	0.000	122.76	0.00	0.00	132.00
132.0	Alcatel-Lucent 800 M	3	9.510	16.073	0.67	5.85	0.000	0.000	94.01	0.00	0.00	185.40
132.0	Flat Platform w/ Han	1	9.510	16.073	1.00	42.40	0.000	0.000	681.47	0.00	0.00	2,000.00
134.0	RFS APXVSPP18-C-	3	9.551	16.142	0.68	16.85	0.000	0.000	271.99	0.00	0.00	171.00
134.0	Andrew DB980H90E-M	6	9.551	16.142	0.79	18.49	0.000	0.000	298.40	0.00	0.00	51.00
140.0	Round Side Arm	3	9.672	16.345	0.67	10.45	0.000	0.000	170.84	0.00	0.00	450.00
140.0	Telewave ANT150D	1	9.711	16.411	1.00	1.09	0.000	2.000	17.89	0.00	35.78	5.00
140.0	Sinclair SC432D-HF6L	1	9.807	16.574	1.00	5.03	0.000	7.000	83.37	0.00	583.59	34.00
140.0	Decibel DB809K-XT	3	9.788	16.542	1.00	10.98	0.000	6.000	181.63	0.00	1,089.80	90.00
140.0	Bird 432-83H-01-T	2	9.672	16.345	0.33	1.08	0.000	0.000	17.58	0.00	0.00	50.00
150.0	Round Side Arm	1	9.864	16.670	0.67	3.48	0.000	0.000	58.08	0.00	0.00	150.00
150.0	Sinclair SD210C2-SF2	1	9.864	16.670	1.00	1.37	0.000	0.000	22.84	0.00	0.00	8.30
166.0	Round T-Arm	3	10.154	17.160	0.67	19.50	0.000	0.000	334.57	0.00	0.00	750.00
166.0	CCI DTMA-1819-DD-12	6	10.154	17.160	0.33	1.41	0.000	0.000	24.12	0.00	0.00	85.80
166.0	RFS APX16PV-16PVL-	9	10.154	17.160	0.65	38.90	0.000	0.000	667.57	0.00	0.00	356.40
180.0	Flat Low Profile Pla	1	10.392	17.562	1.00	26.10	0.000	0.000	458.36	0.00	0.00	1,500.00
180.0	Powerwave Allgon	6	10.457	17.672	0.33	2.55	0.000	4.000	45.14	0.00	180.56	84.60
180.0	Powerwave Allgon 777	6	10.457	17.672	0.64	22.58	0.000	4.000	399.03	0.00	1,596.12	210.00
180.0	Ericsson RRUS 11	6	10.457	17.672	0.67	12.02	0.000	4.000	212.42	0.00	849.68	300.00
180.0	Andrew ABT-DMDF-	1	10.457	17.672	0.50	0.03	0.000	4.000	0.44	0.00	1.77	1.10
180.0	KMW AM-X-CD-16-65-	3	10.457	17.672	0.66	16.35	0.000	4.000	289.03	0.00	1,156.12	145.50
180.0	10' Omni	1	10.553	17.835	1.00	3.00	0.000	10.000	53.51	0.00	535.06	25.00
									7,569.27			10,802.60

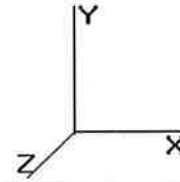


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

**Linear Appurtenance Segment Forces**

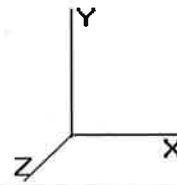
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
1.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
1.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
1.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
1.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
1.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
2.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
2.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
2.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
2.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
2.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
2.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
3.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
3.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
3.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
3.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
3.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
3.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
4.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
4.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
4.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
4.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
4.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
4.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
5.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
5.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
5.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
5.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
5.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
5.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
6.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
6.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
6.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
6.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
6.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
7.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
7.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
7.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
7.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
7.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
8.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
8.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
8.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
8.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
9.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
9.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
9.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case :</b> Twist/Sway	<b>50.00 mph Wind with No Ice</b>	<b>33 Iterations</b>
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

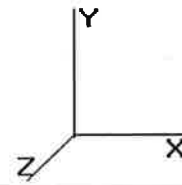
9.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
9.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
9.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
10.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
10.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
10.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
10.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
10.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
10.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
11.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
11.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
11.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
11.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
11.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
11.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
12.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
12.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
12.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
12.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
12.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
12.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
13.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
13.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
13.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
13.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
13.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
13.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
14.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
14.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
14.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
14.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
14.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
14.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
15.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
15.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
15.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
15.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
15.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
15.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
16.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
16.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
16.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
16.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
17.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
17.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
17.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
17.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
17.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
17.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
18.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
18.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
18.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
18.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
18.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
18.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

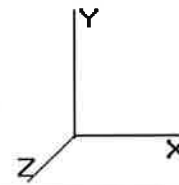
19.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
19.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
19.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
19.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
19.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
19.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
20.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
20.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
20.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
20.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
20.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
20.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
21.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
21.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
21.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
21.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
21.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
21.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
22.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
22.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
22.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
22.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
22.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
22.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
23.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
23.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
23.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
23.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
23.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
23.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
24.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
24.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
24.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
24.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
25.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
25.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
25.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
25.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
25.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
25.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
26.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
26.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
26.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
26.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
26.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
26.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
27.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
27.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
27.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
27.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
27.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
27.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
28.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
28.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
28.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

28.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
28.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
29.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
29.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
29.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
29.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
29.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
30.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
30.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
30.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
30.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
30.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
31.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
31.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
31.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
31.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
32.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
32.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
32.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
32.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
33.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
33.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
33.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
33.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
34.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.455	3.27	14.76
34.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.455	3.27	8.90
34.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.455	0.00	7.56
34.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.455	6.55	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.455	0.00	4.92
35.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.509	3.30	14.76
35.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.509	3.30	8.90
35.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.509	0.00	7.56
35.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.509	6.60	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.509	0.00	4.92
36.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.561	3.33	14.76
36.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.561	3.33	8.90
36.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.561	0.00	7.56
36.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.561	6.65	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.561	0.00	4.92
37.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.613	3.35	14.76
37.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.613	3.35	8.90
37.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.613	0.00	7.56
37.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.613	6.71	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.613	0.00	4.92
38.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.663	3.38	14.76
38.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.663	3.38	8.90
38.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.663	0.00	7.56
38.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.663	6.76	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.663	0.00	4.92
39.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.713	3.40	14.76
39.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.713	3.40	8.90

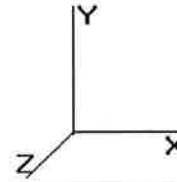
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway                      50.00 mph Wind with No Ice                      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

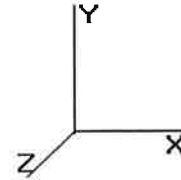
39.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.713	0.00	7.56
39.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.713	6.81	0.00
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.713	0.00	4.92
40.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.762	3.43	14.76
40.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.762	3.43	8.90
40.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.762	0.00	7.56
40.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.762	6.86	0.00
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.762	0.00	4.92
41.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.809	3.45	14.76
41.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.809	3.45	8.90
41.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.809	0.00	7.56
41.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.809	6.90	0.00
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.809	0.00	4.92
42.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.857	3.48	14.76
42.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.857	3.48	8.90
42.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.857	0.00	7.56
42.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.857	6.95	0.00
42.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.857	0.00	4.92
42.96	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	6.901	3.35	14.12
42.96	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	6.901	3.35	8.51
42.96	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	6.901	0.00	7.23
42.96	(1) Reinforcement	Yes	0.96	0.00	0.60	6.901	6.69	0.00
42.96	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	6.901	0.00	4.71
43.00	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	6.903	0.15	0.64
43.00	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	6.903	0.15	0.39
43.00	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	6.903	0.00	0.33
43.00	(1) Reinforcement	Yes	0.04	0.00	0.60	6.903	0.30	0.00
43.00	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	6.903	0.00	0.21
44.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.948	3.52	14.76
44.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.948	3.52	8.90
44.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.948	0.00	7.56
44.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.948	7.05	0.00
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.948	0.00	4.92
45.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.993	3.55	14.76
45.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.993	3.55	8.90
45.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.993	0.00	7.56
45.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.993	7.09	0.00
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.993	0.00	4.92
46.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.037	3.57	14.76
46.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.037	3.57	8.90
46.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.037	0.00	7.56
46.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.037	7.14	0.00
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.037	0.00	4.92
47.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.080	3.59	14.76
47.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.080	3.59	8.90
47.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.080	0.00	7.56
47.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.080	7.18	0.00
47.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.080	0.00	4.92
48.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.123	3.61	14.76
48.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.123	3.61	8.90
48.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.123	0.00	7.56
48.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.123	7.22	0.00
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.123	0.00	4.92
49.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.165	3.63	14.76
49.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.165	3.63	8.90
49.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.165	0.00	7.56
49.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.165	7.27	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

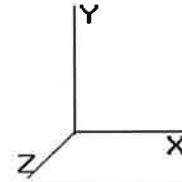
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.165	0.00	4.92
49.04	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	7.167	0.14	0.59
49.04	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	7.167	0.14	0.36
49.04	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	7.167	0.00	0.30
49.04	(1) Reinforcement	Yes	0.04	0.00	0.60	7.167	0.29	0.00
49.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	7.167	0.00	0.20
50.00	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	7.207	3.51	14.17
50.00	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	7.207	3.51	8.54
50.00	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	7.207	0.00	7.26
50.00	(1) Reinforcement	Yes	0.96	0.00	0.60	7.207	7.02	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	7.207	0.00	4.72
51.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.248	3.67	14.76
51.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.248	3.67	8.90
51.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.248	0.00	7.56
51.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.248	7.35	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.248	0.00	4.92
52.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.288	3.69	14.76
52.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.288	3.69	8.90
52.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.288	0.00	7.56
52.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.288	7.39	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.288	0.00	4.92
53.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.328	3.72	14.76
53.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.328	3.72	8.90
53.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.328	0.00	7.56
53.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.328	7.43	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.328	0.00	4.92
54.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.367	3.74	14.76
54.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.367	3.74	8.90
54.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.367	0.00	7.56
54.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.367	7.47	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.367	0.00	4.92
55.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.406	3.75	14.76
55.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.406	3.75	8.90
55.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.406	0.00	7.56
55.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.406	7.51	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.406	0.00	4.92
56.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.444	3.77	14.76
56.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.444	3.77	8.90
56.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.444	0.00	7.56
56.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.444	7.55	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.444	0.00	4.92
57.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.482	3.79	14.76
57.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.482	3.79	8.90
57.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.482	0.00	7.56
57.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.482	7.59	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.482	0.00	4.92
58.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.519	3.81	14.76
58.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.519	3.81	8.90
58.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.519	0.00	7.56
58.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.519	7.62	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.519	0.00	4.92
59.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.556	3.83	14.76
59.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.556	3.83	8.90
59.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.556	0.00	7.56
59.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.556	7.66	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.556	0.00	4.92
60.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.592	3.85	14.76

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

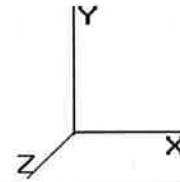
60.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.592	3.85	8.90
60.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.592	0.00	7.56
60.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.592	7.70	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.592	0.00	4.92
61.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.628	3.87	14.76
61.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.628	3.87	8.90
61.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.628	0.00	7.56
61.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.628	7.73	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.628	0.00	4.92
62.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.664	3.89	14.76
62.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.664	3.89	8.90
62.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.664	0.00	7.56
62.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.664	7.77	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.664	0.00	4.92
63.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.699	3.90	14.76
63.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.699	3.90	8.90
63.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.699	0.00	7.56
63.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.699	7.81	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.699	0.00	4.92
64.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.733	3.92	14.76
64.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.733	3.92	8.90
64.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.733	0.00	7.56
64.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.733	7.84	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.733	0.00	4.92
65.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.768	3.94	14.76
65.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.768	3.94	8.90
65.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.768	0.00	7.56
65.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.768	7.88	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.768	0.00	4.92
66.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.802	3.96	14.76
66.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.802	3.96	8.90
66.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.802	0.00	7.56
66.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.802	7.91	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.802	0.00	4.92
67.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.835	3.97	14.76
67.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.835	3.97	8.90
67.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.835	0.00	7.56
67.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.835	7.94	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.835	0.00	4.92
68.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.869	3.99	14.76
68.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.869	3.99	8.90
68.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.869	0.00	7.56
68.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.869	7.98	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.869	0.00	4.92
69.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.901	4.01	14.76
69.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.901	4.01	8.90
69.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.901	0.00	7.56
69.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.901	8.01	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.901	0.00	4.92
70.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.934	4.02	14.76
70.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.934	4.02	8.90
70.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.934	0.00	7.56
70.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.934	8.05	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.934	0.00	4.92
71.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.966	4.04	14.76
71.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.966	4.04	8.90
71.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.966	0.00	7.56

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

71.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.966	8.08	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.966	0.00	4.92
72.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.998	4.06	14.76
72.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.998	4.06	8.90
72.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.998	0.00	7.56
72.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.998	8.11	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.998	0.00	4.92
73.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.030	4.07	14.76
73.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.030	4.07	8.90
73.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.030	0.00	7.56
73.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.030	8.14	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.030	0.00	4.92
74.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.061	4.09	14.76
74.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.061	4.09	8.90
74.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.061	0.00	7.56
74.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.061	8.17	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.061	0.00	4.92
75.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.092	4.10	14.76
75.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.092	4.10	8.90
75.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.092	0.00	7.56
75.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.092	8.21	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.092	0.00	4.92
76.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.123	4.12	14.76
76.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.123	4.12	8.90
76.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.123	0.00	7.56
76.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.123	8.24	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.123	0.00	4.92
77.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.153	4.13	14.76
77.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.153	4.13	8.90
77.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.153	0.00	7.56
77.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.153	8.27	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.153	0.00	4.92
78.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.183	4.15	14.76
78.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.183	4.15	8.90
78.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.183	0.00	7.56
78.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.183	8.30	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.183	0.00	4.92
79.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.213	4.16	14.76
79.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.213	4.16	8.90
79.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.213	0.00	7.56
79.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.213	8.33	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.213	0.00	4.92
80.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.242	4.18	14.76
80.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.242	4.18	8.90
80.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.242	0.00	7.56
80.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.242	8.36	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.242	0.00	4.92
81.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.272	4.19	14.76
81.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.272	4.19	8.90
81.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.272	0.00	7.56
81.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.272	8.39	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.272	0.00	4.92
82.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.301	4.21	14.76
82.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.301	4.21	8.90
82.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.301	0.00	7.56
82.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.301	8.42	0.00
82.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.301	0.00	4.92



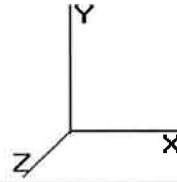
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

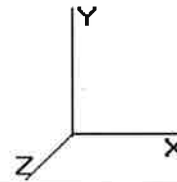
83.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.330	4.22	14.76
83.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.330	4.22	8.90
83.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.330	0.00	7.56
83.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.330	8.45	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.330	0.00	4.92
84.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.358	4.24	14.76
84.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.358	4.24	8.90
84.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.358	0.00	7.56
84.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.358	8.48	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.358	0.00	4.92
85.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.387	4.25	14.76
85.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.387	4.25	8.90
85.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.387	0.00	7.56
85.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.387	8.50	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.387	0.00	4.92
86.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.415	4.27	14.76
86.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.415	4.27	8.90
86.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.415	0.00	7.56
86.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.415	8.53	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.415	0.00	4.92
87.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.442	4.28	14.76
87.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.442	4.28	8.90
87.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.442	0.00	7.56
87.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.442	8.56	0.00
87.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.442	0.00	4.92
87.54	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	8.457	2.32	7.97
87.54	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	8.457	2.32	4.81
87.54	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	8.457	0.00	4.08
87.54	(1) Reinforcement	Yes	0.54	0.00	0.60	8.457	4.63	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	8.457	0.00	2.66
88.00	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	8.470	1.98	6.79
88.00	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	8.470	1.98	4.09
88.00	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	8.470	0.00	3.48
88.00	(1) Reinforcement	Yes	0.46	0.00	0.60	8.470	3.95	0.00
88.00	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	8.470	0.00	2.26
89.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.497	4.31	14.76
89.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.497	4.31	8.90
89.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.497	0.00	7.56
89.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.497	8.62	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.497	0.00	4.92
90.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.525	4.32	14.76
90.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.525	4.32	8.90
90.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.525	0.00	7.56
90.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.525	8.64	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.525	0.00	4.92
91.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.552	4.34	14.76
91.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.552	4.34	8.90
91.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.552	0.00	7.56
91.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.552	8.67	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.552	0.00	4.92
92.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.578	4.35	14.76
92.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.578	4.35	8.90
92.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.578	0.00	7.56
92.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.578	8.70	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.578	0.00	4.92
92.46	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	8.590	1.99	6.74
92.46	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	8.590	1.99	4.06

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

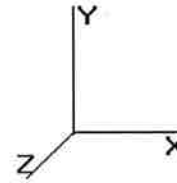
92.46	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	8.590	0.00	3.45
92.46	(1) Reinforcement	Yes	0.46	0.00	0.60	8.590	3.98	0.00
92.46	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	8.590	0.00	2.25
93.00	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	8.605	2.37	8.02
93.00	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	8.605	2.37	4.84
93.00	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	8.605	0.00	4.11
93.00	(1) Reinforcement	Yes	0.54	0.00	0.60	8.605	4.74	0.00
93.00	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	8.605	0.00	2.67
94.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.631	4.38	14.76
94.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.631	4.38	8.90
94.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.631	0.00	7.56
94.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.631	8.75	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.631	0.00	4.92
95.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.657	4.39	14.76
95.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.657	4.39	8.90
95.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.657	0.00	7.56
95.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.657	8.78	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.657	0.00	4.92
96.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.683	4.40	14.76
96.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.683	4.40	8.90
96.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.683	0.00	7.56
96.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.683	8.80	0.00
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.683	0.00	4.92
97.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.709	4.42	14.76
97.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.709	4.42	8.90
97.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.709	0.00	7.56
97.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.709	8.83	0.00
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.709	0.00	4.92
98.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.735	4.43	14.76
98.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.735	4.43	8.90
98.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.735	0.00	7.56
98.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.735	8.86	0.00
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.735	0.00	4.92
99.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.760	4.44	14.76
99.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.760	4.44	8.90
99.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.760	0.00	7.56
99.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.760	8.88	0.00
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.760	0.00	4.92
100.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.785	4.45	14.76
100.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.785	4.45	8.90
100.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.785	0.00	7.56
100.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.785	8.91	0.00
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.785	0.00	4.92
101.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.810	4.47	14.76
101.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.810	4.47	8.90
101.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.810	0.00	7.56
101.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.810	8.93	0.00
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.810	0.00	4.92
102.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.835	4.48	14.76
102.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.835	4.48	8.90
102.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.835	0.00	7.56
102.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.835	8.96	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.835	0.00	4.92
103.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.860	4.49	14.76
103.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.860	4.49	8.90
103.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.860	0.00	7.56
103.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.860	8.98	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

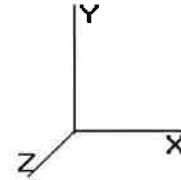
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.860	0.00	4.92
104.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.884	4.50	14.76
104.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.884	4.50	8.90
104.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.884	0.00	7.56
104.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.884	9.01	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.884	0.00	4.92
105.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.908	4.52	14.76
105.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.908	4.52	8.90
105.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.908	0.00	7.56
105.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.908	9.03	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.908	0.00	4.92
106.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.933	4.53	14.76
106.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.933	4.53	8.90
106.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.933	0.00	7.56
106.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.933	9.06	0.00
107.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.957	4.54	14.76
107.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.957	4.54	8.90
107.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.957	0.00	7.56
107.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.957	9.08	0.00
108.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.980	4.55	14.76
108.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.980	4.55	8.90
108.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.980	0.00	7.56
108.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.980	9.11	0.00
109.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.004	4.57	14.76
109.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.004	4.57	8.90
109.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.004	0.00	7.56
109.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.004	9.13	0.00
110.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.028	4.58	14.76
110.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.028	4.58	8.90
110.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.028	0.00	7.56
110.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.028	9.15	0.00
111.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.051	4.59	14.76
111.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.051	4.59	8.90
111.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.051	0.00	7.56
111.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.051	9.18	0.00
112.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.074	4.60	14.76
112.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.074	4.60	8.90
112.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.074	0.00	7.56
112.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.074	9.20	0.00
113.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.097	4.61	14.76
113.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.097	4.61	8.90
113.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.097	0.00	7.56
113.0	(1) Reinforcement	Yes	0.50	0.00	0.60	9.097	4.61	0.00
114.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.120	4.62	14.76
114.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.120	4.62	8.90
114.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.120	0.00	7.56
114.5	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	9.132	2.31	7.38
114.5	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	9.132	2.31	4.45
114.5	(12) 1 1/4" Coax	Yes	0.50	7.56	0.00	9.132	0.00	3.78
115.0	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	9.143	2.32	7.38
115.0	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	9.143	2.32	4.45
116.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.166	4.65	14.76
116.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.166	4.65	8.90
117.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.188	4.66	14.76
117.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.188	4.66	8.90
118.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.211	4.67	14.76
118.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.211	4.67	8.90

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      **50.00 mph Wind with No Ice**      **33 Iterations**

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

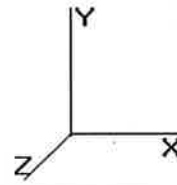
119.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.233	4.68	14.76
119.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.233	4.68	8.90
120.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.255	4.69	14.76
120.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.255	4.69	8.90
121.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.277	4.70	14.76
121.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.277	4.70	8.90
122.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.299	4.71	14.76
122.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.299	4.71	8.90
123.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.320	4.73	14.76
123.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.320	4.73	8.90
124.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.342	4.74	14.76
124.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.342	4.74	8.90
125.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.363	4.75	14.76
125.0	(12)	1	5/8"	Coax	Yes	1.00	8.90	0.30	9.363	4.75	8.90
126.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.385	4.76	14.76
127.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.406	4.77	14.76
128.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.427	4.78	14.76
129.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.448	4.79	14.76
130.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.469	4.80	14.76
131.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.490	4.81	14.76
132.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.510	4.82	14.76
132.1	(12)	1	5/8"	Coax	Yes	0.12	14.76	0.30	9.513	0.58	1.77
133.0	(12)	1	5/8"	Coax	Yes	0.88	14.76	0.30	9.531	4.25	12.99
134.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.551	4.84	14.76
135.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.572	4.85	14.76
135.8	(12)	1	5/8"	Coax	Yes	0.87	14.76	0.30	9.589	4.23	12.84
136.0	(12)	1	5/8"	Coax	Yes	0.13	14.76	0.30	9.592	0.63	1.92
137.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.612	4.87	14.76
138.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.632	4.88	14.76
139.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.652	4.89	14.76
140.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.672	4.90	14.76
141.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.691	4.91	14.76
142.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.711	4.92	14.76
143.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.730	4.93	14.76
144.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.750	4.94	14.76
145.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.769	4.95	14.76
146.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.788	4.96	14.76
147.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.807	4.97	14.76
148.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.826	4.98	14.76
149.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.845	4.99	14.76
150.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.864	5.00	14.76
151.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.883	5.01	14.76
152.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.902	5.02	14.76
153.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.920	5.03	14.76
154.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.939	5.04	14.76
155.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.957	5.05	14.76
156.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.975	5.06	14.76
157.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	9.994	5.07	14.76
158.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.012	5.08	14.76
159.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.030	5.09	14.76
160.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.048	5.09	14.76
161.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.066	5.10	14.76
162.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.083	5.11	14.76
163.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.101	5.12	14.76
164.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.119	5.13	14.76
165.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.136	5.14	14.76
166.0	(12)	1	5/8"	Coax	Yes	1.00	14.76	0.30	10.154	5.15	14.76

Pole : 302506  
Location : Winchester CT 3, CT  
Height : 180.0 (ft)  
Base Dia : 52.75 (in)  
Top Dia : 15.00 (in)  
Shape : 18 Sides  
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway

50.00 mph Wind with No Ice

33 Iterations

Gust Response Factor : 1.69

Dead Load Factor : 1.00

Wind Load Factor : 1.00

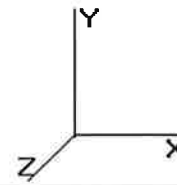
Totals: 2,030.55 4,954.78

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

**Applied Segment Forces Summary**

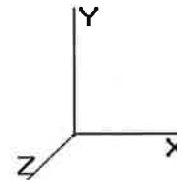
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	43.82	380.34	0.00	0.00
2.00	43.69	379.30	0.00	0.00
3.00	43.56	378.26	0.00	0.00
4.00	43.43	377.23	0.00	0.00
5.00	43.31	376.19	0.00	0.00
6.00	43.18	375.15	0.00	0.00
7.00	43.05	374.12	0.00	0.00
8.00	42.92	373.08	0.00	0.00
9.00	42.79	372.04	0.00	0.00
10.00	42.66	371.01	0.00	0.00
11.00	42.53	369.97	0.00	0.00
12.00	42.41	368.93	0.00	0.00
13.00	42.28	367.90	0.00	0.00
14.00	42.15	366.86	0.00	0.00
15.00	42.02	365.82	0.00	0.00
16.00	41.89	364.79	0.00	0.00
17.00	41.76	363.75	0.00	0.00
18.00	41.63	362.71	0.00	0.00
19.00	41.51	361.67	0.00	0.00
20.00	41.38	360.64	0.00	0.00
21.00	41.25	359.60	0.00	0.00
22.00	41.12	358.56	0.00	0.00
23.00	40.99	357.53	0.00	0.00
24.00	40.86	356.49	0.00	0.00
25.00	40.73	355.45	0.00	0.00
26.00	40.61	354.42	0.00	0.00
27.00	40.48	353.38	0.00	0.00
28.00	40.35	352.34	0.00	0.00
29.00	40.22	351.31	0.00	0.00
30.00	50.91	360.27	0.00	0.00
31.00	39.96	348.90	0.00	0.00
32.00	39.83	347.87	0.00	0.00
33.00	39.71	346.83	0.00	0.00
34.00	39.92	345.79	0.00	0.00
35.00	40.12	344.75	0.00	0.00
36.00	40.31	343.72	0.00	0.00
37.00	40.49	342.68	0.00	0.00
38.00	40.67	341.64	0.00	0.00
39.00	40.84	340.61	0.00	0.00
40.00	41.00	339.57	0.00	0.00
41.00	41.15	338.53	0.00	0.00
42.00	41.30	337.50	0.00	0.00
42.96	39.63	321.87	0.00	0.00
43.00	1.82	22.28	0.00	0.00
44.00	42.05	511.92	0.00	0.00
45.00	42.18	509.99	0.00	0.00
46.00	42.30	508.07	0.00	0.00
47.00	42.42	506.14	0.00	0.00
48.00	42.53	504.22	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

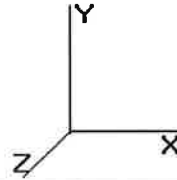
49.00	42.64	502.29	0.00	0.00
49.04	1.70	20.00	0.00	0.00
50.00	41.04	292.35	0.00	0.00
51.00	42.84	303.62	0.00	0.00
52.00	42.93	302.74	0.00	0.00
53.00	43.02	301.85	0.00	0.00
54.00	43.10	300.96	0.00	0.00
55.00	43.18	300.07	0.00	0.00
56.00	43.25	299.18	0.00	0.00
57.00	43.32	298.29	0.00	0.00
58.00	43.39	297.40	0.00	0.00
59.00	43.45	296.51	0.00	0.00
60.00	43.50	295.63	0.00	0.00
61.00	43.56	294.74	0.00	0.00
62.00	43.61	293.85	0.00	0.00
63.00	43.65	292.96	0.00	0.00
64.00	43.69	292.07	0.00	0.00
65.00	43.73	291.18	0.00	0.00
66.00	43.77	290.29	0.00	0.00
67.00	43.80	289.40	0.00	0.00
68.00	43.82	288.52	0.00	0.00
69.00	43.85	287.63	0.00	0.00
70.00	43.87	286.74	0.00	0.00
71.00	43.89	285.85	0.00	0.00
72.00	43.90	284.96	0.00	0.00
73.00	43.91	284.07	0.00	0.00
74.00	43.92	283.18	0.00	0.00
75.00	43.93	282.29	0.00	0.00
76.00	43.93	281.41	0.00	0.00
77.00	43.93	280.52	0.00	0.00
78.00	45.18	280.23	0.00	0.00
79.00	43.93	278.59	0.00	0.00
80.00	43.92	277.70	0.00	0.00
81.00	43.91	276.81	0.00	0.00
82.00	43.90	275.92	0.00	0.00
83.00	43.88	275.03	0.00	0.00
84.00	43.86	274.15	0.00	0.00
85.00	43.84	273.26	0.00	0.00
86.00	43.82	272.37	0.00	0.00
87.00	43.80	271.48	0.00	0.00
87.54	23.62	146.20	0.00	0.00
88.00	20.34	178.04	0.00	0.00
89.00	44.23	385.77	0.00	0.00
90.00	44.20	384.14	0.00	0.00
91.00	44.17	382.52	0.00	0.00
92.00	44.13	380.89	0.00	0.00
92.46	20.12	173.36	0.00	0.00
93.00	23.94	133.76	0.00	0.00
94.00	44.06	245.57	0.00	0.00
95.00	256.01	731.43	0.00	0.26
96.00	43.97	243.28	0.00	0.00
97.00	43.93	242.54	0.00	0.00
98.00	43.88	241.80	0.00	0.00
99.00	43.83	241.06	0.00	0.00
100.0	43.78	240.31	0.00	0.00
101.0	43.73	239.57	0.00	0.00
102.0	43.68	238.83	0.00	0.00

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

103.0	43.62	238.09	0.00	0.00
104.0	43.56	237.35	0.00	0.00
105.0	229.95	249.01	0.00	0.00
106.0	43.44	164.15	0.00	0.00
107.0	43.38	163.41	0.00	0.00
108.0	43.31	162.67	0.00	0.00
109.0	43.25	161.93	0.00	0.00
110.0	43.18	161.19	0.00	0.00
111.0	43.11	160.45	0.00	0.00
112.0	43.04	159.71	0.00	0.00
113.0	38.35	158.97	0.00	0.00
114.0	33.64	158.23	0.00	0.00
114.5	980.25	1,746.84	0.00	0.00
115.0	16.75	74.87	0.00	0.00
116.0	33.44	149.19	0.00	0.00
117.0	33.34	148.44	0.00	0.00
118.0	33.23	147.70	0.00	0.00
119.0	33.13	146.96	0.00	0.00
120.0	33.02	146.22	0.00	0.00
121.0	32.91	145.48	0.00	0.00
122.0	32.81	144.74	0.00	0.00
123.0	32.69	144.00	0.00	0.00
124.0	32.58	143.26	0.00	0.00
125.0	1,722.71	1,915.62	0.00	0.00
126.0	27.60	132.88	0.00	0.00
127.0	27.47	132.14	0.00	0.00
128.0	27.34	131.40	0.00	0.00
129.0	27.21	130.66	0.00	0.00
130.0	27.08	129.92	0.00	0.00
131.0	26.95	129.18	0.00	0.00
132.0	925.06	2,445.84	0.00	0.00
132.1	3.20	15.34	0.00	0.00
133.0	23.77	157.32	0.00	0.00
134.0	597.27	399.61	0.00	0.00
135.0	26.74	172.61	0.00	0.00
135.8	23.15	149.17	0.00	0.00
136.0	3.45	11.71	0.00	0.00
137.0	26.47	89.72	0.00	0.00
138.0	26.33	89.27	0.00	0.00
139.0	26.19	88.83	0.00	0.00
140.0	497.37	717.38	0.00	1,709.16
141.0	25.91	82.38	0.00	0.00
142.0	25.77	81.93	0.00	0.00
143.0	25.62	81.49	0.00	0.00
144.0	25.48	81.05	0.00	0.00
145.0	25.33	80.60	0.00	0.00
146.0	25.19	80.16	0.00	0.00
147.0	25.04	79.71	0.00	0.00
148.0	24.89	79.27	0.00	0.00
149.0	24.74	78.82	0.00	0.00
150.0	105.51	236.68	0.00	0.00
151.0	24.44	77.11	0.00	0.00
152.0	24.28	76.67	0.00	0.00
153.0	24.13	76.23	0.00	0.00
154.0	23.98	75.78	0.00	0.00
155.0	23.82	75.34	0.00	0.00
156.0	23.66	74.89	0.00	0.00

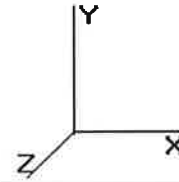


Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway                      50.00 mph Wind with No Ice                      33 Iterations  
 Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

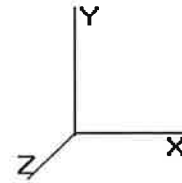
157.0	23.51	74.45	0.00	0.00
158.0	23.35	74.00	0.00	0.00
159.0	23.19	73.56	0.00	0.00
160.0	23.03	73.12	0.00	0.00
161.0	22.87	72.67	0.00	0.00
162.0	22.71	72.23	0.00	0.00
163.0	22.54	71.78	0.00	0.00
164.0	22.38	71.34	0.00	0.00
165.0	22.21	70.89	0.00	0.00
166.0	1,048.32	1,262.65	0.00	0.00
167.0	16.73	54.42	0.00	0.00
168.0	16.55	53.98	0.00	0.00
169.0	16.37	53.54	0.00	0.00
170.0	16.19	53.09	0.00	0.00
171.0	16.02	52.65	0.00	0.00
172.0	15.84	52.20	0.00	0.00
173.0	15.66	51.76	0.00	0.00
174.0	15.48	51.31	0.00	0.00
175.0	15.29	50.87	0.00	0.00
176.0	15.11	50.43	0.00	0.00
177.0	14.93	49.98	0.00	0.00
178.0	14.74	49.54	0.00	0.00
179.0	14.56	49.09	0.00	0.00
180.0	1,472.30	2,314.85	0.00	4,319.29
<b>Totals:</b>	<b>14,040.53</b>	<b>52,931.07</b>	<b>0.00</b>	<b>6,028.71</b>

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

**Calculated Shaft Forces and Deflections**

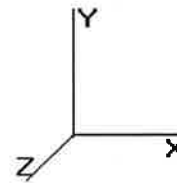
Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-14.044	-52.929	0.000	0.000	0.000	-1,650.519	0.000	0.000	0.000	0.000
1.00	-14.012	-52.545	0.000	0.000	0.000	-1,636.476	-0.002	0.000	0.002	-0.014
2.00	-13.981	-52.163	0.000	0.000	0.000	-1,622.464	-0.006	0.000	0.006	-0.028
3.00	-13.950	-51.781	0.000	0.000	0.000	-1,608.483	-0.014	0.000	0.014	-0.042
4.00	-13.919	-51.401	0.000	0.000	0.000	-1,594.533	-0.024	0.000	0.024	-0.055
5.00	-13.887	-51.021	0.000	0.000	0.000	-1,580.615	-0.037	0.000	0.037	-0.069
6.00	-13.856	-50.643	0.000	0.000	0.000	-1,566.728	-0.053	0.000	0.053	-0.083
7.00	-13.825	-50.265	0.000	0.000	0.000	-1,552.872	-0.072	0.000	0.072	-0.097
8.00	-13.794	-49.889	0.000	0.000	0.000	-1,539.047	-0.094	0.000	0.094	-0.112
9.00	-13.762	-49.513	0.000	0.000	0.000	-1,525.254	-0.119	0.000	0.119	-0.126
10.00	-13.731	-49.139	0.000	0.000	0.000	-1,511.492	-0.147	0.000	0.147	-0.140
11.00	-13.699	-48.766	0.000	0.000	0.000	-1,497.762	-0.178	0.000	0.178	-0.154
12.00	-13.668	-48.394	0.000	0.000	0.000	-1,484.063	-0.212	0.000	0.212	-0.168
13.00	-13.636	-48.022	0.000	0.000	0.000	-1,470.395	-0.249	0.000	0.249	-0.182
14.00	-13.605	-47.652	0.000	0.000	0.000	-1,456.759	-0.289	0.000	0.289	-0.197
15.00	-13.574	-47.283	0.000	0.000	0.000	-1,443.154	-0.332	0.000	0.332	-0.211
16.00	-13.542	-46.915	0.000	0.000	0.000	-1,429.581	-0.378	0.000	0.378	-0.225
17.00	-13.510	-46.548	0.000	0.000	0.000	-1,416.039	-0.427	0.000	0.427	-0.240
18.00	-13.479	-46.182	0.000	0.000	0.000	-1,402.529	-0.478	0.000	0.478	-0.254
19.00	-13.447	-45.817	0.000	0.000	0.000	-1,389.050	-0.533	0.000	0.533	-0.269
20.00	-13.416	-45.454	0.000	0.000	0.000	-1,375.603	-0.591	0.000	0.591	-0.283
21.00	-13.384	-45.091	0.000	0.000	0.000	-1,362.188	-0.652	0.000	0.652	-0.298
22.00	-13.352	-44.729	0.000	0.000	0.000	-1,348.804	-0.716	0.000	0.716	-0.312
23.00	-13.321	-44.368	0.000	0.000	0.000	-1,335.451	-0.783	0.000	0.783	-0.327
24.00	-13.289	-44.009	0.000	0.000	0.000	-1,322.131	-0.854	0.000	0.854	-0.341
25.00	-13.257	-43.650	0.000	0.000	0.000	-1,308.842	-0.927	0.000	0.927	-0.356
26.00	-13.226	-43.293	0.000	0.000	0.000	-1,295.585	-1.003	0.000	1.003	-0.371
27.00	-13.194	-42.936	0.000	0.000	0.000	-1,282.360	-1.082	0.000	1.082	-0.386
28.00	-13.162	-42.581	0.000	0.000	0.000	-1,269.166	-1.165	0.000	1.165	-0.400
29.00	-13.130	-42.226	0.000	0.000	0.000	-1,256.004	-1.251	0.000	1.251	-0.415
30.00	-13.088	-41.863	0.000	0.000	0.000	-1,242.874	-1.339	0.000	1.339	-0.430
31.00	-13.056	-41.511	0.000	0.000	0.000	-1,229.787	-1.431	0.000	1.431	-0.445
32.00	-13.024	-41.160	0.000	0.000	0.000	-1,216.732	-1.526	0.000	1.526	-0.460
33.00	-12.992	-40.810	0.000	0.000	0.000	-1,203.708	-1.624	0.000	1.624	-0.475
34.00	-12.960	-40.461	0.000	0.000	0.000	-1,190.716	-1.725	0.000	1.725	-0.489
35.00	-12.927	-40.114	0.000	0.000	0.000	-1,177.757	-1.829	0.000	1.829	-0.504
36.00	-12.894	-39.767	0.000	0.000	0.000	-1,164.830	-1.937	0.000	1.937	-0.519
37.00	-12.861	-39.421	0.000	0.000	0.000	-1,151.936	-2.047	0.000	2.047	-0.534
38.00	-12.827	-39.077	0.000	0.000	0.000	-1,139.076	-2.161	0.000	2.161	-0.549
39.00	-12.793	-38.733	0.000	0.000	0.000	-1,126.249	-2.278	0.000	2.278	-0.565
40.00	-12.759	-38.391	0.000	0.000	0.000	-1,113.456	-2.398	0.000	2.398	-0.580
41.00	-12.724	-38.049	0.000	0.000	0.000	-1,100.698	-2.521	0.000	2.521	-0.595
42.00	-12.689	-37.709	0.000	0.000	0.000	-1,087.974	-2.647	0.000	2.647	-0.610
42.96	-12.651	-37.386	0.000	0.000	0.000	-1,075.836	-2.771	0.000	2.771	-0.624
43.00	-12.654	-37.362	0.000	0.000	0.000	-1,075.286	-2.777	0.000	2.777	-0.625
44.00	-12.616	-36.847	0.000	0.000	0.000	-1,062.632	-2.909	0.000	2.909	-0.640
45.00	-12.578	-36.334	0.000	0.000	0.000	-1,050.016	-3.045	0.000	3.045	-0.655
46.00	-12.539	-35.823	0.000	0.000	0.000	-1,037.439	-3.184	0.000	3.184	-0.670
47.00	-12.500	-35.314	0.000	0.000	0.000	-1,024.900	-3.326	0.000	3.326	-0.685
48.00	-12.461	-34.808	0.000	0.000	0.000	-1,012.400	-3.471	0.000	3.471	-0.701
49.00	-12.416	-34.304	0.000	0.000	0.000	-999.940	-3.620	0.000	3.620	-0.716

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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**Load Case:** Twist/Sway      **50.00 mph Wind with No Ice**      **33 Iterations**

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

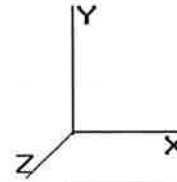
49.04	-12.419	-34.282	0.000	0.000	0.000	-999.445	-3.626	0.000	3.626	-0.716
50.00	-12.383	-33.987	0.000	0.000	0.000	-987.521	-3.772	0.000	3.772	-0.731
51.00	-12.346	-33.681	0.000	0.000	0.000	-975.138	-3.927	0.000	3.927	-0.747
52.00	-12.309	-33.375	0.000	0.000	0.000	-962.792	-4.085	0.000	4.085	-0.763
53.00	-12.271	-33.070	0.000	0.000	0.000	-950.484	-4.247	0.000	4.247	-0.779
54.00	-12.233	-32.767	0.000	0.000	0.000	-938.213	-4.412	0.000	4.412	-0.796
55.00	-12.195	-32.464	0.000	0.000	0.000	-925.981	-4.580	0.000	4.580	-0.812
56.00	-12.156	-32.162	0.000	0.000	0.000	-913.786	-4.752	0.000	4.752	-0.828
57.00	-12.118	-31.861	0.000	0.000	0.000	-901.630	-4.928	0.000	4.928	-0.844
58.00	-12.079	-31.561	0.000	0.000	0.000	-889.512	-5.106	0.000	5.106	-0.860
59.00	-12.040	-31.261	0.000	0.000	0.000	-877.434	-5.288	0.000	5.288	-0.877
60.00	-12.001	-30.963	0.000	0.000	0.000	-865.394	-5.474	0.000	5.474	-0.893
61.00	-11.961	-30.666	0.000	0.000	0.000	-853.394	-5.663	0.000	5.663	-0.909
62.00	-11.921	-30.369	0.000	0.000	0.000	-841.433	-5.855	0.000	5.855	-0.925
63.00	-11.881	-30.074	0.000	0.000	0.000	-829.512	-6.051	0.000	6.051	-0.942
64.00	-11.841	-29.779	0.000	0.000	0.000	-817.631	-6.250	0.000	6.250	-0.958
65.00	-11.801	-29.485	0.000	0.000	0.000	-805.790	-6.452	0.000	6.452	-0.974
66.00	-11.761	-29.192	0.000	0.000	0.000	-793.989	-6.658	0.000	6.658	-0.990
67.00	-11.720	-28.901	0.000	0.000	0.000	-782.229	-6.867	0.000	6.867	-1.006
68.00	-11.679	-28.610	0.000	0.000	0.000	-770.509	-7.080	0.000	7.080	-1.022
69.00	-11.638	-28.319	0.000	0.000	0.000	-758.831	-7.296	0.000	7.296	-1.039
70.00	-11.597	-28.030	0.000	0.000	0.000	-747.193	-7.516	0.000	7.516	-1.055
71.00	-11.555	-27.742	0.000	0.000	0.000	-735.596	-7.738	0.000	7.738	-1.071
72.00	-11.514	-27.455	0.000	0.000	0.000	-724.041	-7.965	0.000	7.965	-1.087
73.00	-11.472	-27.168	0.000	0.000	0.000	-712.528	-8.194	0.000	8.194	-1.103
74.00	-11.430	-26.883	0.000	0.000	0.000	-701.056	-8.427	0.000	8.427	-1.119
75.00	-11.388	-26.598	0.000	0.000	0.000	-689.626	-8.663	0.000	8.663	-1.135
76.00	-11.346	-26.315	0.000	0.000	0.000	-678.238	-8.903	0.000	8.903	-1.151
77.00	-11.304	-26.032	0.000	0.000	0.000	-666.892	-9.146	0.000	9.146	-1.167
78.00	-11.260	-25.750	0.000	0.000	0.000	-655.588	-9.392	0.000	9.392	-1.183
79.00	-11.217	-25.469	0.000	0.000	0.000	-644.329	-9.642	0.000	9.642	-1.199
80.00	-11.175	-25.189	0.000	0.000	0.000	-633.112	-9.895	0.000	9.895	-1.215
81.00	-11.132	-24.910	0.000	0.000	0.000	-621.937	-10.151	0.000	10.151	-1.231
82.00	-11.089	-24.632	0.000	0.000	0.000	-610.806	-10.411	0.000	10.411	-1.247
83.00	-11.045	-24.355	0.000	0.000	0.000	-599.718	-10.674	0.000	10.674	-1.262
84.00	-11.002	-24.079	0.000	0.000	0.000	-588.673	-10.940	0.000	10.940	-1.278
85.00	-10.959	-23.804	0.000	0.000	0.000	-577.671	-11.209	0.000	11.209	-1.294
86.00	-10.915	-23.530	0.000	0.000	0.000	-566.712	-11.482	0.000	11.482	-1.309
87.00	-10.870	-23.257	0.000	0.000	0.000	-555.798	-11.758	0.000	11.758	-1.325
87.54	-10.846	-23.110	0.000	0.000	0.000	-549.929	-11.909	0.000	11.909	-1.333
88.00	-10.826	-22.930	0.000	0.000	0.000	-544.939	-12.037	0.000	12.037	-1.340
89.00	-10.779	-22.543	0.000	0.000	0.000	-534.113	-12.320	0.000	12.320	-1.355
90.00	-10.731	-22.157	0.000	0.000	0.000	-523.335	-12.606	0.000	12.606	-1.371
91.00	-10.684	-21.773	0.000	0.000	0.000	-512.604	-12.894	0.000	12.894	-1.386
92.00	-10.634	-21.391	0.000	0.000	0.000	-501.921	-13.186	0.000	13.186	-1.401
92.46	-10.613	-21.217	0.000	0.000	0.000	-497.066	-13.321	0.000	13.321	-1.408
93.00	-10.590	-21.081	0.000	0.000	0.000	-491.298	-13.482	0.000	13.482	-1.416
94.00	-10.546	-20.834	0.000	0.000	0.000	-480.709	-13.780	0.000	13.780	-1.431
95.00	-10.277	-20.107	0.000	0.000	0.000	-470.163	-14.082	0.000	14.082	-1.447
96.00	-10.232	-19.862	0.000	0.000	0.000	-459.887	-14.387	0.000	14.387	-1.463
97.00	-10.187	-19.618	0.000	0.000	0.000	-449.655	-14.695	0.000	14.695	-1.478
98.00	-10.142	-19.374	0.000	0.000	0.000	-439.468	-15.006	0.000	15.006	-1.494
99.00	-10.097	-19.132	0.000	0.000	0.000	-429.326	-15.321	0.000	15.321	-1.509
100.0	-10.052	-18.890	0.000	0.000	0.000	-419.229	-15.639	0.000	15.639	-1.524
101.0	-10.007	-18.649	0.000	0.000	0.000	-409.177	-15.960	0.000	15.960	-1.540
102.0	-9.962	-18.409	0.000	0.000	0.000	-399.170	-16.284	0.000	16.284	-1.554
103.0	-9.916	-18.170	0.000	0.000	0.000	-389.209	-16.612	0.000	16.612	-1.569

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<b>Load Case:</b> Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

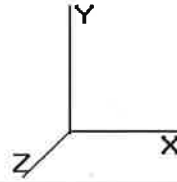
104.0	-9.871	-17.931	0.000	0.000	0.000	-379.293	-16.942	0.000	16.942	-1.584
105.0	-9.641	-17.685	0.000	0.000	0.000	-369.422	-17.276	0.000	17.276	-1.599
106.0	-9.601	-17.517	0.000	0.000	0.000	-359.782	-17.614	0.000	17.614	-1.627
107.0	-9.562	-17.351	0.000	0.000	0.000	-350.181	-17.957	0.000	17.957	-1.655
108.0	-9.522	-17.185	0.000	0.000	0.000	-340.619	-18.307	0.000	18.307	-1.683
109.0	-9.482	-17.019	0.000	0.000	0.000	-331.098	-18.663	0.000	18.663	-1.711
110.0	-9.443	-16.855	0.000	0.000	0.000	-321.615	-19.024	0.000	19.024	-1.739
111.0	-9.403	-16.691	0.000	0.000	0.000	-312.173	-19.392	0.000	19.392	-1.767
112.0	-9.362	-16.529	0.000	0.000	0.000	-302.771	-19.765	0.000	19.765	-1.794
113.0	-9.327	-16.367	0.000	0.000	0.000	-293.409	-20.144	0.000	20.144	-1.821
114.0	-9.294	-16.206	0.000	0.000	0.000	-284.082	-20.528	0.000	20.528	-1.848
114.5	-8.261	-14.490	0.000	0.000	0.000	-279.435	-20.722	0.000	20.722	-1.861
115.0	-8.247	-14.413	0.000	0.000	0.000	-275.305	-20.918	0.000	20.918	-1.875
116.0	-8.215	-14.261	0.000	0.000	0.000	-267.058	-21.314	0.000	21.314	-1.901
117.0	-8.183	-14.110	0.000	0.000	0.000	-258.844	-21.715	0.000	21.715	-1.927
118.0	-8.151	-13.960	0.000	0.000	0.000	-250.661	-22.121	0.000	22.121	-1.953
119.0	-8.119	-13.811	0.000	0.000	0.000	-242.510	-22.533	0.000	22.533	-1.979
120.0	-8.087	-13.662	0.000	0.000	0.000	-234.391	-22.950	0.000	22.950	-2.004
121.0	-8.055	-13.514	0.000	0.000	0.000	-226.304	-23.373	0.000	23.373	-2.029
122.0	-8.023	-13.367	0.000	0.000	0.000	-218.249	-23.801	0.000	23.801	-2.054
123.0	-7.991	-13.221	0.000	0.000	0.000	-210.226	-24.234	0.000	24.234	-2.079
124.0	-7.959	-13.076	0.000	0.000	0.000	-202.235	-24.672	0.000	24.672	-2.103
125.0	-6.171	-11.223	0.000	0.000	0.000	-194.277	-25.115	0.000	25.115	-2.127
126.0	-6.143	-11.089	0.000	0.000	0.000	-188.106	-25.563	0.000	25.563	-2.151
127.0	-6.115	-10.955	0.000	0.000	0.000	-181.963	-26.016	0.000	26.016	-2.174
128.0	-6.087	-10.822	0.000	0.000	0.000	-175.848	-26.474	0.000	26.474	-2.197
129.0	-6.059	-10.690	0.000	0.000	0.000	-169.761	-26.937	0.000	26.937	-2.221
130.0	-6.031	-10.559	0.000	0.000	0.000	-163.702	-27.404	0.000	27.404	-2.243
131.0	-6.003	-10.429	0.000	0.000	0.000	-157.671	-27.876	0.000	27.876	-2.266
132.0	-4.984	-8.021	0.000	0.000	0.000	-151.667	-28.353	0.000	28.353	-2.288
132.1	-4.981	-8.004	0.000	0.000	0.000	-151.070	-28.411	0.000	28.411	-2.291
133.0	-4.954	-7.846	0.000	0.000	0.000	-146.686	-28.835	0.000	28.835	-2.310
134.0	-4.344	-7.470	0.000	0.000	0.000	-141.732	-29.321	0.000	29.321	-2.332
135.0	-4.313	-7.297	0.000	0.000	0.000	-137.388	-29.812	0.000	29.812	-2.354
135.8	-4.285	-7.148	0.000	0.000	0.000	-133.637	-30.243	0.000	30.243	-2.373
136.0	-4.284	-7.135	0.000	0.000	0.000	-133.079	-30.307	0.000	30.307	-2.376
137.0	-4.258	-7.044	0.000	0.000	0.000	-128.795	-30.809	0.000	30.809	-2.410
138.0	-4.232	-6.953	0.000	0.000	0.000	-124.538	-31.317	0.000	31.317	-2.443
139.0	-4.206	-6.863	0.000	0.000	0.000	-120.307	-31.832	0.000	31.832	-2.477
140.0	-3.681	-6.166	0.000	0.000	0.000	-114.392	-32.355	0.000	32.355	-2.510
141.0	-3.655	-6.083	0.000	0.000	0.000	-110.711	-32.884	0.000	32.884	-2.542
142.0	-3.629	-6.000	0.000	0.000	0.000	-107.056	-33.420	0.000	33.420	-2.575
143.0	-3.603	-5.918	0.000	0.000	0.000	-103.427	-33.962	0.000	33.962	-2.607
144.0	-3.577	-5.836	0.000	0.000	0.000	-99.825	-34.511	0.000	34.511	-2.639
145.0	-3.551	-5.755	0.000	0.000	0.000	-96.247	-35.067	0.000	35.067	-2.670
146.0	-3.526	-5.674	0.000	0.000	0.000	-92.696	-35.630	0.000	35.630	-2.702
147.0	-3.500	-5.594	0.000	0.000	0.000	-89.171	-36.199	0.000	36.199	-2.733
148.0	-3.474	-5.514	0.000	0.000	0.000	-85.671	-36.775	0.000	36.775	-2.764
149.0	-3.449	-5.434	0.000	0.000	0.000	-82.197	-37.357	0.000	37.357	-2.794
150.0	-3.334	-5.201	0.000	0.000	0.000	-78.749	-37.945	0.000	37.945	-2.824
151.0	-3.309	-5.124	0.000	0.000	0.000	-75.414	-38.540	0.000	38.540	-2.854
152.0	-3.283	-5.047	0.000	0.000	0.000	-72.106	-39.140	0.000	39.140	-2.883
153.0	-3.258	-4.970	0.000	0.000	0.000	-68.823	-39.747	0.000	39.747	-2.912
154.0	-3.233	-4.894	0.000	0.000	0.000	-65.565	-40.360	0.000	40.360	-2.941
155.0	-3.207	-4.819	0.000	0.000	0.000	-62.332	-40.979	0.000	40.979	-2.969
156.0	-3.182	-4.744	0.000	0.000	0.000	-59.125	-41.604	0.000	41.604	-2.996
157.0	-3.157	-4.669	0.000	0.000	0.000	-55.943	-42.234	0.000	42.234	-3.023

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway                      50.00 mph Wind with No Ice                      33 Iterations  
**Gust Response Factor :** 1.69  
**Dead Load Factor :** 1.00  
**Wind Load Factor :** 1.00

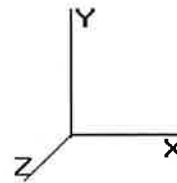
158.0	-3.132	-4.595	0.000	0.000	0.000	-52.787	-42.870	0.000	42.870	-3.050
159.0	-3.107	-4.521	0.000	0.000	0.000	-49.655	-43.511	0.000	43.511	-3.075
160.0	-3.082	-4.448	0.000	0.000	0.000	-46.548	-44.158	0.000	44.158	-3.100
161.0	-3.057	-4.376	0.000	0.000	0.000	-43.467	-44.809	0.000	44.809	-3.124
162.0	-3.032	-4.304	0.000	0.000	0.000	-40.410	-45.466	0.000	45.466	-3.147
163.0	-3.007	-4.232	0.000	0.000	0.000	-37.378	-46.127	0.000	46.127	-3.169
164.0	-2.982	-4.161	0.000	0.000	0.000	-34.371	-46.793	0.000	46.793	-3.191
165.0	-2.958	-4.091	0.000	0.000	0.000	-31.389	-47.464	0.000	47.464	-3.211
166.0	-1.841	-2.888	0.000	0.000	0.000	-28.431	-48.138	0.000	48.138	-3.230
167.0	-1.822	-2.834	0.000	0.000	0.000	-26.590	-48.816	0.000	48.816	-3.248
168.0	-1.804	-2.781	0.000	0.000	0.000	-24.768	-49.498	0.000	49.498	-3.266
169.0	-1.785	-2.728	0.000	0.000	0.000	-22.965	-50.184	0.000	50.184	-3.283
170.0	-1.767	-2.675	0.000	0.000	0.000	-21.180	-50.873	0.000	50.873	-3.299
171.0	-1.748	-2.623	0.000	0.000	0.000	-19.413	-51.565	0.000	51.565	-3.315
172.0	-1.730	-2.571	0.000	0.000	0.000	-17.665	-52.261	0.000	52.261	-3.330
173.0	-1.712	-2.520	0.000	0.000	0.000	-15.935	-52.959	0.000	52.959	-3.344
174.0	-1.694	-2.470	0.000	0.000	0.000	-14.223	-53.661	0.000	53.661	-3.357
175.0	-1.677	-2.419	0.000	0.000	0.000	-12.528	-54.365	0.000	54.365	-3.369
176.0	-1.659	-2.370	0.000	0.000	0.000	-10.852	-55.071	0.000	55.071	-3.380
177.0	-1.642	-2.320	0.000	0.000	0.000	-9.193	-55.780	0.000	55.780	-3.390
178.0	-1.624	-2.271	0.000	0.000	0.000	-7.551	-56.491	0.000	56.491	-3.398
179.0	-1.607	-2.223	0.000	0.000	0.000	-5.927	-57.203	0.000	57.203	-3.405
180.0	-1.472	0.000	0.000	0.000	0.000	-4.319	-57.916	0.000	57.916	-3.411

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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<b>Load Case:</b> Twist/Sway	<b>50.00 mph Wind with No Ice</b>	<b>33 Iterations</b>
<b>Gust Response Factor : 1.69</b>		
<b>Dead Load Factor : 1.00</b>		
<b>Wind Load Factor : 1.00</b>		

**Calculated Stresses**

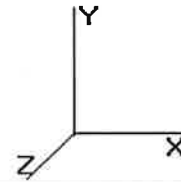
Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.57	0.39	0.00	0.00	0.00	15.67	16.26	52.0	0.0	0.313
1.00	0.57	0.39	0.00	0.00	0.00	15.65	16.23	52.0	0.0	0.312
2.00	0.57	0.39	0.00	0.00	0.00	15.62	16.21	52.0	0.0	0.312
3.00	0.57	0.39	0.00	0.00	0.00	15.60	16.18	52.0	0.0	0.311
4.00	0.56	0.39	0.00	0.00	0.00	15.58	16.15	52.0	0.0	0.311
5.00	0.56	0.39	0.00	0.00	0.00	15.55	16.13	52.0	0.0	0.310
6.00	0.56	0.39	0.00	0.00	0.00	15.53	16.10	52.0	0.0	0.310
7.00	0.56	0.40	0.00	0.00	0.00	15.50	16.07	52.0	0.0	0.309
8.00	0.56	0.40	0.00	0.00	0.00	15.47	16.04	52.0	0.0	0.309
9.00	0.55	0.40	0.00	0.00	0.00	15.45	16.01	52.0	0.0	0.308
10.00	0.55	0.40	0.00	0.00	0.00	15.42	15.99	52.0	0.0	0.308
11.00	0.55	0.40	0.00	0.00	0.00	15.39	15.96	52.0	0.0	0.307
12.00	0.55	0.40	0.00	0.00	0.00	15.36	15.93	52.0	0.0	0.306
13.00	0.54	0.40	0.00	0.00	0.00	15.34	15.89	52.0	0.0	0.306
14.00	0.54	0.40	0.00	0.00	0.00	15.31	15.86	52.0	0.0	0.305
15.00	0.54	0.40	0.00	0.00	0.00	15.28	15.83	52.0	0.0	0.305
16.00	0.54	0.40	0.00	0.00	0.00	15.25	15.80	52.0	0.0	0.304
17.00	0.53	0.40	0.00	0.00	0.00	15.22	15.77	52.0	0.0	0.303
18.00	0.53	0.40	0.00	0.00	0.00	15.18	15.73	52.0	0.0	0.303
19.00	0.53	0.41	0.00	0.00	0.00	15.15	15.70	52.0	0.0	0.302
20.00	0.53	0.41	0.00	0.00	0.00	15.12	15.66	52.0	0.0	0.301
21.00	0.53	0.41	0.00	0.00	0.00	15.09	15.63	52.0	0.0	0.301
22.00	0.52	0.41	0.00	0.00	0.00	15.05	15.59	52.0	0.0	0.300
23.00	0.52	0.41	0.00	0.00	0.00	15.02	15.55	52.0	0.0	0.299
24.00	0.52	0.41	0.00	0.00	0.00	14.98	15.52	52.0	0.0	0.298
25.00	0.52	0.41	0.00	0.00	0.00	14.95	15.48	52.0	0.0	0.298
26.00	0.51	0.41	0.00	0.00	0.00	14.91	15.44	52.0	0.0	0.297
27.00	0.51	0.41	0.00	0.00	0.00	14.87	15.40	52.0	0.0	0.296
28.00	0.51	0.41	0.00	0.00	0.00	14.83	15.36	52.0	0.0	0.295
29.00	0.51	0.41	0.00	0.00	0.00	14.79	15.32	52.0	0.0	0.295
30.00	0.50	0.42	0.00	0.00	0.00	14.76	15.28	52.0	0.0	0.294
31.00	0.50	0.42	0.00	0.00	0.00	14.72	15.23	52.0	0.0	0.293
32.00	0.50	0.42	0.00	0.00	0.00	14.67	15.19	52.0	0.0	0.292
33.00	0.50	0.42	0.00	0.00	0.00	14.63	15.15	52.0	0.0	0.291
34.00	0.49	0.42	0.00	0.00	0.00	14.59	15.10	52.0	0.0	0.291
35.00	0.49	0.42	0.00	0.00	0.00	14.55	15.06	52.0	0.0	0.290
36.00	0.49	0.42	0.00	0.00	0.00	14.50	15.01	52.0	0.0	0.289
37.00	0.49	0.42	0.00	0.00	0.00	14.46	14.96	52.0	0.0	0.288
38.00	0.48	0.42	0.00	0.00	0.00	14.41	14.92	52.0	0.0	0.287
39.00	0.48	0.42	0.00	0.00	0.00	14.37	14.87	52.0	0.0	0.286
40.00	0.48	0.43	0.00	0.00	0.00	14.32	14.82	52.0	0.0	0.285
41.00	0.48	0.43	0.00	0.00	0.00	14.27	14.77	52.0	0.0	0.284
42.00	0.47	0.43	0.00	0.00	0.00	14.22	14.72	52.0	0.0	0.283
42.96	0.47	0.43	0.00	0.00	0.00	14.17	14.67	52.0	0.0	0.282
43.00	0.47	0.43	0.00	0.00	0.00	14.04	14.53	52.0	0.0	0.280
44.00	0.47	0.43	0.00	0.00	0.00	13.99	14.48	52.0	0.0	0.279
45.00	0.46	0.43	0.00	0.00	0.00	13.94	14.42	52.0	0.0	0.277
46.00	0.46	0.43	0.00	0.00	0.00	13.89	14.36	52.0	0.0	0.276
47.00	0.45	0.43	0.00	0.00	0.00	13.83	14.30	52.0	0.0	0.275
48.00	0.45	0.43	0.00	0.00	0.00	13.78	14.24	52.0	0.0	0.274
49.00	0.44	0.43	0.00	0.00	0.00	13.72	14.18	52.0	0.0	0.273

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
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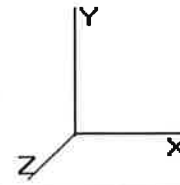
49.04	0.49	0.50	0.00	0.00	0.00	14.88	15.40	52.0	0.0	0.296
50.00	0.49	0.50	0.00	0.00	0.00	14.82	15.33	52.0	0.0	0.295
51.00	0.48	0.50	0.00	0.00	0.00	14.75	15.26	52.0	0.0	0.294
52.00	0.48	0.50	0.00	0.00	0.00	14.69	15.19	52.0	0.0	0.292
53.00	0.48	0.50	0.00	0.00	0.00	14.62	15.12	52.0	0.0	0.291
54.00	0.48	0.50	0.00	0.00	0.00	14.55	15.05	52.0	0.0	0.290
55.00	0.47	0.50	0.00	0.00	0.00	14.48	14.98	52.0	0.0	0.288
56.00	0.47	0.50	0.00	0.00	0.00	14.41	14.90	52.0	0.0	0.287
57.00	0.47	0.51	0.00	0.00	0.00	14.33	14.83	52.0	0.0	0.285
58.00	0.47	0.51	0.00	0.00	0.00	14.26	14.75	52.0	0.0	0.284
59.00	0.46	0.51	0.00	0.00	0.00	14.18	14.67	52.0	0.0	0.282
60.00	0.46	0.51	0.00	0.00	0.00	14.11	14.59	52.0	0.0	0.281
61.00	0.46	0.51	0.00	0.00	0.00	14.03	14.51	52.0	0.0	0.279
62.00	0.46	0.51	0.00	0.00	0.00	13.95	14.43	52.0	0.0	0.278
63.00	0.45	0.51	0.00	0.00	0.00	13.87	14.35	52.0	0.0	0.276
64.00	0.45	0.51	0.00	0.00	0.00	13.79	14.27	52.0	0.0	0.274
65.00	0.45	0.51	0.00	0.00	0.00	13.71	14.18	52.0	0.0	0.273
66.00	0.44	0.52	0.00	0.00	0.00	13.62	14.10	52.0	0.0	0.271
67.00	0.44	0.52	0.00	0.00	0.00	13.54	14.01	52.0	0.0	0.269
68.00	0.44	0.52	0.00	0.00	0.00	13.45	13.92	52.0	0.0	0.268
69.00	0.44	0.52	0.00	0.00	0.00	13.36	13.83	52.0	0.0	0.266
70.00	0.43	0.52	0.00	0.00	0.00	13.27	13.74	52.0	0.0	0.264
71.00	0.43	0.52	0.00	0.00	0.00	13.18	13.64	52.0	0.0	0.262
72.00	0.43	0.52	0.00	0.00	0.00	13.09	13.55	52.0	0.0	0.261
73.00	0.43	0.52	0.00	0.00	0.00	12.99	13.45	52.0	0.0	0.259
74.00	0.42	0.52	0.00	0.00	0.00	12.90	13.35	52.0	0.0	0.257
75.00	0.42	0.53	0.00	0.00	0.00	12.80	13.25	52.0	0.0	0.255
76.00	0.42	0.53	0.00	0.00	0.00	12.70	13.15	52.0	0.0	0.253
77.00	0.41	0.53	0.00	0.00	0.00	12.60	13.05	52.0	0.0	0.251
78.00	0.41	0.53	0.00	0.00	0.00	12.50	12.95	52.0	0.0	0.249
79.00	0.41	0.53	0.00	0.00	0.00	12.40	12.84	52.0	0.0	0.247
80.00	0.41	0.53	0.00	0.00	0.00	12.29	12.73	52.0	0.0	0.245
81.00	0.40	0.53	0.00	0.00	0.00	12.19	12.63	52.0	0.0	0.243
82.00	0.40	0.53	0.00	0.00	0.00	12.08	12.52	52.0	0.0	0.241
83.00	0.40	0.54	0.00	0.00	0.00	11.97	12.40	52.0	0.0	0.239
84.00	0.40	0.54	0.00	0.00	0.00	11.86	12.29	52.0	0.0	0.236
85.00	0.39	0.54	0.00	0.00	0.00	11.75	12.17	52.0	0.0	0.234
86.00	0.39	0.54	0.00	0.00	0.00	11.63	12.06	52.0	0.0	0.232
87.00	0.39	0.54	0.00	0.00	0.00	11.51	11.94	52.0	0.0	0.230
87.54	0.39	0.54	0.00	0.00	0.00	11.45	11.87	52.0	0.0	0.228
88.00	0.38	0.54	0.00	0.00	0.00	11.25	11.67	52.0	0.0	0.225
89.00	0.38	0.54	0.00	0.00	0.00	11.13	11.55	52.0	0.0	0.222
90.00	0.37	0.54	0.00	0.00	0.00	11.01	11.42	52.0	0.0	0.220
91.00	0.37	0.55	0.00	0.00	0.00	10.88	11.29	52.0	0.0	0.217
92.00	0.36	0.55	0.00	0.00	0.00	10.76	11.16	52.0	0.0	0.215
92.46	0.40	0.64	0.00	0.00	0.00	11.65	12.10	52.0	0.0	0.233
93.00	0.40	0.64	0.00	0.00	0.00	11.57	12.02	52.0	0.0	0.231
94.00	0.40	0.65	0.00	0.00	0.00	11.42	11.87	52.0	0.0	0.228
95.00	0.38	0.63	0.00	0.00	0.00	11.27	11.71	52.0	0.0	0.225
96.00	0.38	0.63	0.00	0.00	0.00	11.13	11.56	52.0	0.0	0.222
97.00	0.38	0.64	0.00	0.00	0.00	10.98	11.41	52.0	0.0	0.220
98.00	0.37	0.64	0.00	0.00	0.00	10.83	11.26	52.0	0.0	0.217
99.00	0.37	0.64	0.00	0.00	0.00	10.68	11.11	52.0	0.0	0.214
100.00	0.37	0.64	0.00	0.00	0.00	10.53	10.95	52.0	0.0	0.211
101.00	0.37	0.64	0.00	0.00	0.00	10.37	10.79	52.0	0.0	0.208
102.00	0.36	0.64	0.00	0.00	0.00	10.21	10.63	52.0	0.0	0.205
103.00	0.36	0.65	0.00	0.00	0.00	10.05	10.47	52.0	0.0	0.201

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations

Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

104.00	0.36	0.65	0.00	0.00	0.00	9.89	10.30	52.0	0.0	0.198
104.00	0.58	0.65	0.00	0.00	0.00	19.39	20.01	52.0	0.0	0.385
105.00	0.58	0.64	0.00	0.00	0.00	19.16	19.77	52.0	0.0	0.380
106.00	0.58	0.64	0.00	0.00	0.00	18.93	19.54	52.0	0.0	0.376
107.00	0.58	0.64	0.00	0.00	0.00	18.70	19.30	52.0	0.0	0.371
108.00	0.58	0.64	0.00	0.00	0.00	18.45	19.06	52.0	0.0	0.367
109.00	0.57	0.64	0.00	0.00	0.00	18.20	18.81	52.0	0.0	0.362
110.00	0.57	0.65	0.00	0.00	0.00	17.95	18.55	52.0	0.0	0.357
111.00	0.57	0.65	0.00	0.00	0.00	17.68	18.29	52.0	0.0	0.352
112.00	0.57	0.65	0.00	0.00	0.00	17.41	18.01	52.0	0.0	0.347
113.00	0.57	0.65	0.00	0.00	0.00	17.13	17.73	52.0	0.0	0.341
114.00	0.57	0.66	0.00	0.00	0.00	16.84	17.44	52.0	0.0	0.336
114.50	0.51	0.59	0.00	0.00	0.00	16.69	17.23	52.0	0.0	0.331
115.00	0.51	0.59	0.00	0.00	0.00	16.57	17.11	52.0	0.0	0.329
116.00	0.51	0.59	0.00	0.00	0.00	16.32	16.86	52.0	0.0	0.324
117.00	0.51	0.59	0.00	0.00	0.00	16.07	16.61	52.0	0.0	0.320
118.00	0.50	0.59	0.00	0.00	0.00	15.81	16.35	52.0	0.0	0.314
119.00	0.50	0.60	0.00	0.00	0.00	15.54	16.08	52.0	0.0	0.309
120.00	0.50	0.60	0.00	0.00	0.00	15.26	15.80	52.0	0.0	0.304
121.00	0.50	0.60	0.00	0.00	0.00	14.98	15.51	52.0	0.0	0.298
122.00	0.50	0.60	0.00	0.00	0.00	14.68	15.21	52.0	0.0	0.293
123.00	0.50	0.61	0.00	0.00	0.00	14.37	14.91	52.0	0.0	0.287
124.00	0.50	0.61	0.00	0.00	0.00	14.06	14.59	52.0	0.0	0.281
125.00	0.43	0.48	0.00	0.00	0.00	13.73	14.18	52.0	0.0	0.273
126.00	0.43	0.48	0.00	0.00	0.00	13.52	13.97	52.0	0.0	0.269
127.00	0.43	0.48	0.00	0.00	0.00	13.30	13.75	52.0	0.0	0.265
128.00	0.42	0.48	0.00	0.00	0.00	13.08	13.53	52.0	0.0	0.260
129.00	0.42	0.48	0.00	0.00	0.00	12.84	13.29	52.0	0.0	0.256
130.00	0.42	0.48	0.00	0.00	0.00	12.60	13.05	52.0	0.0	0.251
131.00	0.42	0.49	0.00	0.00	0.00	12.35	12.80	52.0	0.0	0.246
132.00	0.33	0.41	0.00	0.00	0.00	12.10	12.44	52.0	0.0	0.239
132.12	0.33	0.41	0.00	0.00	0.00	12.07	12.42	52.0	0.0	0.239
133.00	0.32	0.41	0.00	0.00	0.00	11.91	12.25	52.0	0.0	0.236
134.00	0.31	0.36	0.00	0.00	0.00	11.72	12.04	52.0	0.0	0.232
135.00	0.30	0.36	0.00	0.00	0.00	11.57	11.89	52.0	0.0	0.229
135.87	0.49	0.59	0.00	0.00	0.00	18.18	18.70	52.0	0.0	0.360
136.00	0.49	0.59	0.00	0.00	0.00	18.15	18.67	52.0	0.0	0.359
137.00	0.49	0.59	0.00	0.00	0.00	17.89	18.40	52.0	0.0	0.354
138.00	0.49	0.60	0.00	0.00	0.00	17.61	18.13	52.0	0.0	0.349
139.00	0.48	0.60	0.00	0.00	0.00	17.33	17.85	52.0	0.0	0.343
140.00	0.44	0.53	0.00	0.00	0.00	16.79	17.25	52.0	0.0	0.332
141.00	0.44	0.53	0.00	0.00	0.00	16.56	17.02	52.0	0.0	0.327
142.00	0.44	0.53	0.00	0.00	0.00	16.32	16.78	52.0	0.0	0.323
143.00	0.43	0.53	0.00	0.00	0.00	16.07	16.53	52.0	0.0	0.318
144.00	0.43	0.53	0.00	0.00	0.00	15.81	16.27	52.0	0.0	0.313
145.00	0.43	0.53	0.00	0.00	0.00	15.54	16.00	52.0	0.0	0.308
146.00	0.43	0.54	0.00	0.00	0.00	15.27	15.72	52.0	0.0	0.302
147.00	0.43	0.54	0.00	0.00	0.00	14.98	15.44	52.0	0.0	0.297
148.00	0.42	0.54	0.00	0.00	0.00	14.69	15.14	52.0	0.0	0.291
149.00	0.42	0.54	0.00	0.00	0.00	14.38	14.83	52.0	0.0	0.285
150.00	0.41	0.53	0.00	0.00	0.00	14.06	14.50	52.0	0.0	0.279
151.00	0.41	0.53	0.00	0.00	0.00	13.75	14.18	52.0	0.0	0.273
152.00	0.40	0.53	0.00	0.00	0.00	13.42	13.86	52.0	0.0	0.267
153.00	0.40	0.53	0.00	0.00	0.00	13.09	13.52	52.0	0.0	0.260
154.00	0.40	0.53	0.00	0.00	0.00	12.74	13.17	52.0	0.0	0.253
155.00	0.40	0.54	0.00	0.00	0.00	12.37	12.80	52.0	0.0	0.246
156.00	0.40	0.54	0.00	0.00	0.00	11.99	12.43	52.0	0.0	0.239



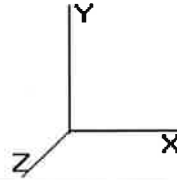
Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
 Top Dia : 15.00 (in)  
 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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**Load Case:** Twist/Sway      50.00 mph Wind with No Ice      33 Iterations  
 Gust Response Factor : 1.69  
 Dead Load Factor : 1.00  
 Wind Load Factor : 1.00

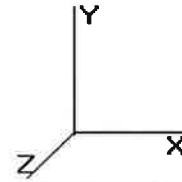
157.00	0.40	0.54	0.00	0.00	0.00	11.60	12.03	52.0	0.0	0.231
158.00	0.39	0.54	0.00	0.00	0.00	11.19	11.63	52.0	0.0	0.224
159.00	0.39	0.54	0.00	0.00	0.00	10.77	11.20	52.0	0.0	0.215
160.00	0.39	0.54	0.00	0.00	0.00	10.33	10.76	52.0	0.0	0.207
161.00	0.39	0.55	0.00	0.00	0.00	9.87	10.30	52.0	0.0	0.198
162.00	0.39	0.55	0.00	0.00	0.00	9.39	9.83	52.0	0.0	0.189
163.00	0.38	0.55	0.00	0.00	0.00	8.90	9.33	52.0	0.0	0.179
164.00	0.38	0.55	0.00	0.00	0.00	8.38	8.81	52.0	0.0	0.170
165.00	0.38	0.55	0.00	0.00	0.00	7.84	8.28	52.0	0.0	0.159
166.00	0.27	0.35	0.00	0.00	0.00	7.28	7.57	52.0	0.0	0.146
167.00	0.27	0.35	0.00	0.00	0.00	6.98	7.27	52.0	0.0	0.140
168.00	0.27	0.35	0.00	0.00	0.00	6.67	6.96	52.0	0.0	0.134
169.00	0.27	0.35	0.00	0.00	0.00	6.34	6.63	52.0	0.0	0.128
170.00	0.26	0.35	0.00	0.00	0.00	6.00	6.29	52.0	0.0	0.121
171.00	0.26	0.35	0.00	0.00	0.00	5.64	5.94	52.0	0.0	0.114
172.00	0.26	0.35	0.00	0.00	0.00	5.27	5.57	52.0	0.0	0.107
173.00	0.26	0.35	0.00	0.00	0.00	4.89	5.18	52.0	0.0	0.100
174.00	0.26	0.36	0.00	0.00	0.00	4.48	4.78	52.0	0.0	0.092
175.00	0.26	0.36	0.00	0.00	0.00	4.06	4.36	52.0	0.0	0.084
176.00	0.25	0.36	0.00	0.00	0.00	3.61	3.92	52.0	0.0	0.075
177.00	0.25	0.36	0.00	0.00	0.00	3.15	3.46	52.0	0.0	0.067
178.00	0.25	0.36	0.00	0.00	0.00	2.66	2.98	52.0	0.0	0.057
179.00	0.25	0.36	0.00	0.00	0.00	2.15	2.48	52.0	0.0	0.048
180.00	0.00	0.34	0.00	0.00	0.00	1.62	1.72	52.0	0.0	0.033

Pole : 302506  
 Location : Winchester CT 3, CT  
 Height : 180.0 (ft)  
 Base Dia : 52.75 (in)  
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 Shape : 18 Sides  
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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**Analysis Summary**

Load Case	Reactions						Max Stresses			
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Combined Stress (ksi)	Allowable Stress (ksi)	Elev (ft)	Stress Ratio
No Ice	36.0	0.00	52.92	0.00	0.00	4219.56	50.06	52.0	104.00	0.963
Ice	30.3	0.00	68.00	0.00	0.00	3691.35	45.50	52.0	104.00	0.875
Twist/Sway	14.0	0.00	52.93	0.00	0.00	1650.52	20.01	52.0	104.00	0.385

**Additional Steel Summary**

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
			VQ/I (lb/in)	Shear Applied (kips)	Shear Allow (kips)	MQ/I (kips)	Allow (kips)	Num Req'd	Num Actual	MQ/I (kips)	Allow (kips)	Num Req'd	Num Actual	fb (ksi)	Fb (ksi)	Ratio
0.00	104.00	(4) SOL-#20 All Thre	323.1	9.7	12.9	148.6	8.1	19	24	0.0	8.1	0	0	47.0	57.8	0.813

Base/Flange Plate	Plate Type	<b>Baseplate</b>	
	Pole Diameter	52.75	in
	Pole Thickness		in
	Plate Diameter	68	in
	Plate Thickness	2	in
	Plate Fy	60	ksi
	Weld Length	0.25	in
	Allowable	1869.04	k-in
	Applied	474.19	k-in
	#	<b>12</b>	Show
Stiffeners	Thickness	0.75	in
	Length	6	in
	Height	15	in
	Chamfer	1	in
	Offset Angle	0	°
	Fy	50	ksi

Bolts	#	<b>16</b>	
	Bolt Circle (R)adial / (S)quare	62	in
		R	
	Diameter	2.25	in
	Hole Diameter	2.625	in
	Type	A615-75	
	Fy	75	ksi
	Fu	100	ksi
Allowable		194.86	k
	Applied	154.84	k
Reinforcement	#	<b>4</b>	
	DYW. Circle	59.375	in
	Offset Angle	34	°
	Type	#20	
	Diameter	2.5	in
	Fu	100	ksi
Allowable		218.17	k
	Applied	181.84	k
Extra Bolts O	#	<b>0</b>	

Code Rev.	<b>F</b>	Date	1/6/2014
A.S.I.	1.33	Engineer	ADV
Moment	4219.5 k-ft	Site #	302506
Axial	52.9 k	Carrier	Verizon Wireless

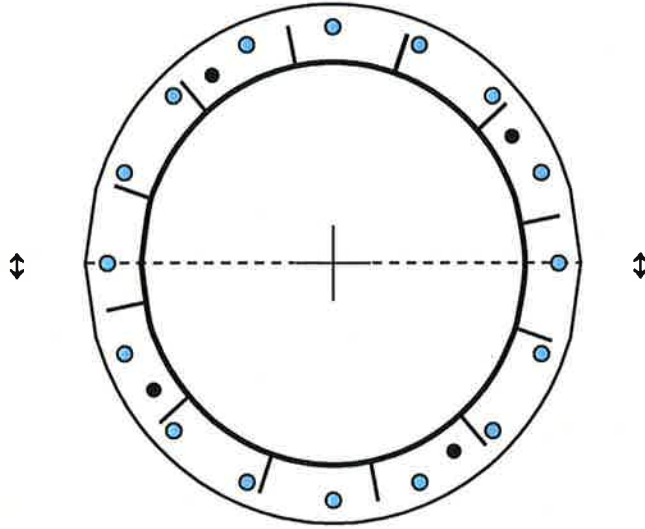


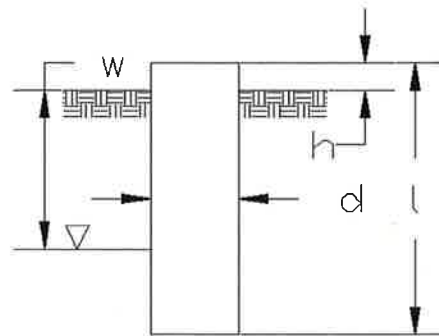
Plate Stress Ratio:  
 (Pass)

Bolt Stress Ratio:  
 (Pass)

Reinforcement Stress Ratio:  
 (Pass)

Site Name: Winchester CT 3, CT  
 Site Number: 302506  
 Engineer: A. Vargo  
 Engineering Number: 54519923  
 Date: 01/06/14

Program Last Updated: 4/28/2013  
 American Tower Corporation



**Design Base Loads (Factored) - Analysis per TIA-222-G Standards**

Analyze or Design a Foundation? Analyze  
 Foundation Mapped: N  
 Moment (M): 4833.5 k-ft  
 Shear/Leg (V): 45.3 k  
 Axial Load (P): 68.7 k  
 Uplift/Leg (U): 0.0 k  
 Tower Type (GT / SST / MP): MP

Diameter of Caisson (d): 7.0 ft  
 Caisson Embedment (L-h): 17.0 ft  
 Caisson Height Above Ground (h): 1.0 ft  
 Depth Below Ground Surface to Water Table (w): 99.0 ft  
 Unit Weight of Concrete: 150.0 pcf  
 Unit Weight of Water: 62.4 pcf  
 Tension Skin Friction/Compression Skin Friction: 1.00  
 Pullout Angle: 30.0 degrees

Engineer Notes

**Soil Mechanical Properties**

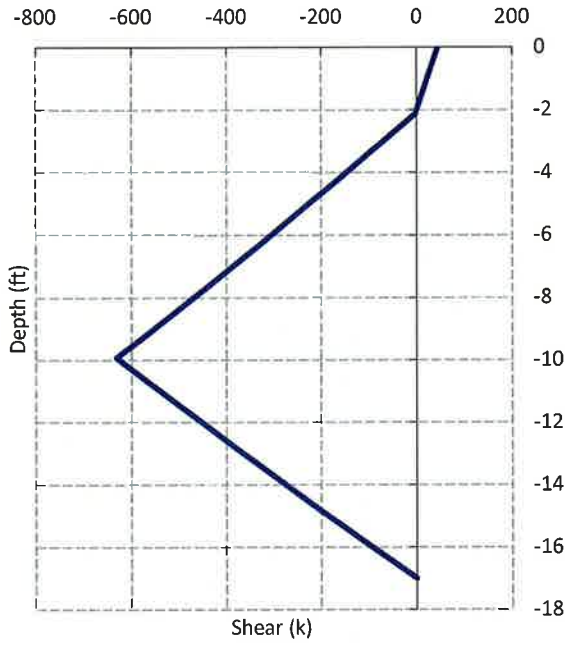
Depth (ft)		$\gamma_{\text{soil}}$	Cohesion	$\phi$	Ultimate Skin	Ultimate Bearing
Top	Bottom	(pcf)	(psf)	(degree)	Friction (psf)	Pressure (psf)
0.0	2.0	150	0	0	0	0
2.0	17.0	150	3550	0	0	6000
17.0	22.0	150	3550	0	0	6000

Required Embedment: 16.2 ft - OK, Caisson Embedment Satisfactory  
 Volume of Concrete: 692.7 ft<sup>3</sup> = 25.7 yd<sup>3</sup>  
 Weight of Concrete (Buoyancy Effect Considered): 103.9 k  
 Average Soil Unit Weight: 150.0 pcf  
 Skin Friction Resistance: 0.0 k  
 Compressive Bearing Resistance: 230.9 k  
 Pullout Weight (Minus Concrete Weight): 532.4 k  
 Nominal Uplift Capacity per Leg ( $\phi_s T_n$ ): 77.9 k  
 Nominal Compressive Capacity per Leg ( $\phi_s P_n$ ): 173.2 k  
 $P_u$ : 68.7 k  
 $T_u / \phi_s T_n$ : 0.00 Result: OK  
 $P_u / \phi_s P_n$ : 0.40 Result: OK  
 Total Lateral Resistance: 2911.7 k  
 Inflection Point (Below Ground Surface): 9.9 ft  
 Design Overturning Moment At Inflection Point ( $M_D$ ): 5328.2 k-ft  
 Nominal Moment Capacity ( $\phi_s M_n$ ): 8124.4 k-ft  
 $M_D / \phi_s M_n$ : 0.66 Result: OK  
 $\phi_s$ : 0.75

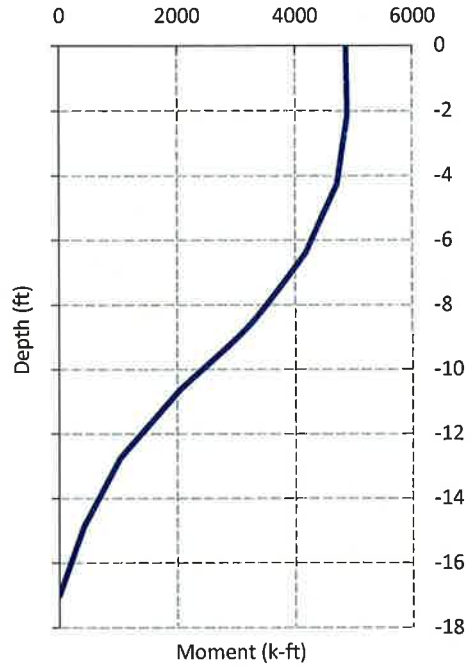
### **Caisson Strength Capacity**

Concrete Compressive Strength ( $f'_c$ ):	4000 psi
Vertical Steel Rebar Size #:	11
Vertical Steel Rebar Area:	1.56 in <sup>2</sup>
# of Vertical Steel Rebars:	42
Vertical Steel Rebar Yield Strength ( $F_y$ ):	60 ksi
Horizontal Tie / Stirrup Size #:	5
Horizontal Tie / Stirrup Area:	0.31 in <sup>2</sup>
Design Horizontal Tie / Stirrup Spacing:	14.0 in
Horizontal Tie / Stirrup Steel Yield Strength ( $F_y$ ):	40 ksi
Rebar Cage Diameter:	76.0 in
Strength Bending/Tension Reduction Factor ( $\phi_B$ ):	0.90 ACI318-05 - 9.3.2.1
Strength Shear Reduction Factor ( $\phi_V$ ):	0.75 ACI318-05 - 9.3.2.3
Strength Compression Reduction Factor ( $\phi_C$ ):	0.65 ACI318-05 - 9.3.2.2
Steel Elastic Modulus:	29000 ksi
Design Moment ( $M_u$ ):	4896.9 k-ft
Nominal Moment Capacity ( $\phi_B M_n$ ):	10956.3 k-ft - ACI318-005 - 10.2
$M_u/\phi_B M_n$ :	0.45 Result: OK
Design Shear ( $V_u$ ):	630.6 k
Nominal Shear Capacity ( $\phi_V V_n$ ):	618.3 k - ACI318-05 - 11.3.1.1 or 11.5.7.2
$V_u/\phi_V V_n$ :	1.02 Result: Acceptable Overstress
Design Tension ( $T_u$ ):	0.0 k
Nominal Tension Capacity ( $\phi_T T_n$ ):	3538.1 k - ACI318-05 - 10.2
$T_u/\phi_T T_n$ :	0.00 Result: OK
Design Compression ( $P_u$ ):	68.7 k
Nominal Compression Capacity ( $\phi_P P_n$ ):	9682.0 k - ACI318-05 - 10.3.6.2
$P_u/\phi_P P_n$ :	0.01 Result: OK
Bending Reinforcement Ratio:	0.012 ACI318-05 - 10.8.4 & 10.9.1
$M_u/\phi_B M_n + T_u/\phi_T T_n$ :	0.45 Result: OK

Design Factored Shear / Depth



Design Factored Moment / Depth



Nominal and Factored Moment Capacity and Factored Design Loads

