

November 13, 2014

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

Re: **Notice of Exempt Modification – Facility Modification
185 Research Drive, Milford, Connecticut**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains twelve (12) antennas at the 126-foot level of the existing 183-foot tower at 185 Research Drive in Milford, Connecticut (the Property”). The tower is owned by American Tower Corporation. The Council approved Cellco’s use of this tower in 1995. Cellco now intends to modify its facility by replacing three (3) of its existing antennas with three (3) model BXA-70040-6CF, 700 MHz antennas, at the same level on the tower. Included in Attachment 1 are specifications for Cellco’s new antennas.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to Benjamin G. Blake, Mayor of the City of Milford. A copy of this letter is also being sent to D’Amato Investments LLC, the owner 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 antennas will be installed on the existing platform at the 126-foot level of the 183-foot tower.

13232261-v1

Robinson+Cole

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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) safety standard. A cumulative General Power Density table for Cellco's modified facility 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, with certain modifications, 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:

Benjamin G. Blake, Mayor
D'Amato Investments LLC
Sandy M. Carter

ATTACHMENT 1

BXA-70040-6CF-EDIN-X

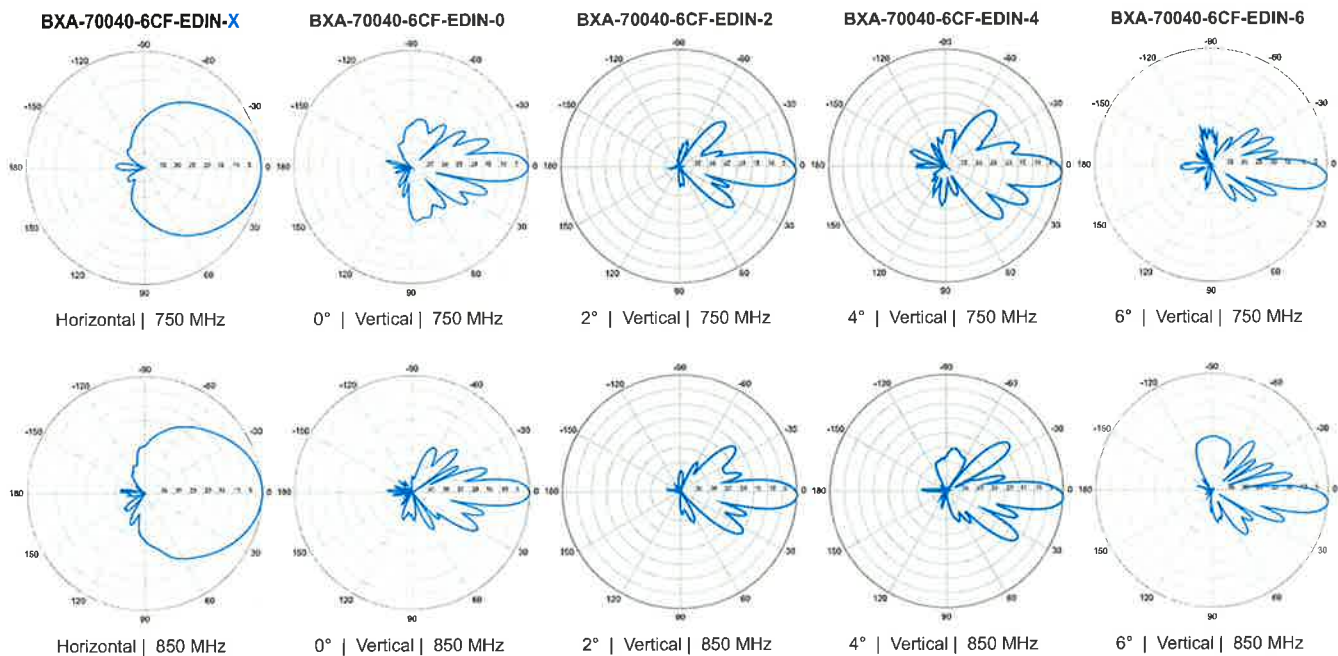
X-Pol | FET Panel | 40° | 16.0 dBd

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		> 125 mph
Wind area	Front: 1.09 m ² Side: 0.36 m ²		Front: 11.8 ft ² Side: 3.9 ft ²
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		

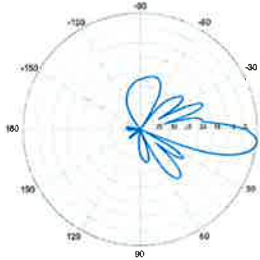


Quoted performance parameters are provided to offer typical or range values only and may vary as a result of normal manufacturing and operational conditions. Extreme operational conditions and/or stress on structural supports is beyond our control. Such conditions may result in damage to this product.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

BXA-70040-6CF-EDIN-X

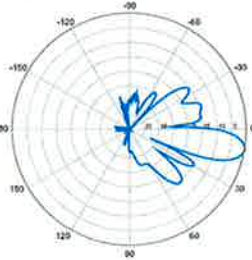
X-Pol | FET Panel | 40° | 16.0 dBd

BXA-70040-6CF-EDIN-8

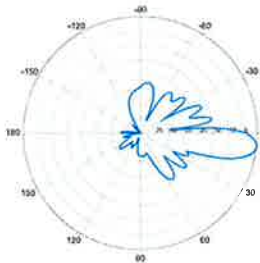


8° | Vertical | 750 MHz

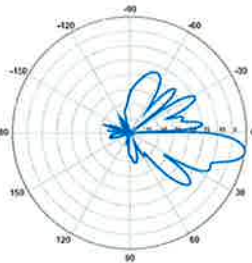
BXA-70040-6CF-EDIN-10



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: Milford S 2 Tower Height: 183ft		# OF CHAN.	WATTS ERP	HEIGHT	CALC. POWER DENS	FREQ.	MAX. PERMISS. EXP.	FRACTION MPE	Total				
*AT&T GSM	2	296	167	0.0076	880	0.5867	1.30%						
*AT&T GSM	2	427	167	0.0110	1900	1.0000	1.10%						
*AT&T UMTS	1	500	167	0.0064	1900	1.0000	0.64%						
*AT&T LTE	1	500	167	0.0064	740	0.4933	1.31%						
*Computer Hospital	1	20	139	0.0004	5400	1.0000	0.04%						
*Computer Hospital	1	20	139	0.0004	5400	1.0000	0.04%						
*MetroPCS CDMA	3	727	175	0.0256	2135	1.0000	2.56%						
*MetroPCS LTE	1	1200	175	0.0141	2130	1.0000	1.41%						
*Sprint CDMA	11	494	183	0.0583	1962.5	1.0000	5.83%						
*Nextel	9	100	185	0.0095	851	0.5673	1.67%						
*Clearwire	2	153	185	0.0032	2496	1.0000	0.32%						
*Clearwire	1	211	185	0.0022	11 GHz	1.0000	0.22%						
*T-Mobile	8	176	145	0.0241	1945	1.0000	2.41%						
*T-Mobile	2	701	145	0.0240	2100	1.0000	2.40%						
Verizon PCS	7	419	126	0.0664	1970	1.0000	6.64%						
Verizon Cellular	9	393	126	0.0801	869	0.5793	13.83%						
Verizon AWS	1	1832	126	0.0415	2145	1.0000	4.15%						
Verizon 700	1	1518	126	0.0344	698	0.4973	6.91%			52.78%			
* Source: Siting Council													

ATTACHMENT 3



AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 183 ft Monopole
ATC Site Name : Milford CT 2, CT
ATC Site Number : 302535
Engineering Number : 56682722
Proposed Carrier : Verizon Wireless
Carrier Site Name : Milford South 2
Carrier Site Number : 117725
Site Location : 185 Research Drive
Milford, CT 06460-7733
41.240419,-73.011900
County : New Haven
Date : February 11, 2014
Max Usage : 167%
Result : Fail

Robert D. Barrett, E.I.
Structural Engineer I

Robert D. Barrett



Feb 13 2014 1:22 PM



Eng. Number 56682722
February 11, 2014

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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 183 ft monopole to reflect the change in loading by Verizon Wireless.

Supporting Documents

Tower Drawings	Summit Manufacturing Inc. Drawing #1237-D1, dated September 9, 1994
Foundation Drawing	Summit Manufacturing Inc. Drawing #1237-F1 dated October 10, 1994
Geotechnical Report	French & Parrello Project #93N035CR1, dated November 2, 1993
Modifications	ATC Job #42659834, dated January 16, 2009 ATC Job #43915332, dated September 2, 2009

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/TIA-222.

Basic Wind Speed:	110 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 3/4" radial ice concurrent
Code:	ANSI/TIA-222-G / 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment
Structure Class:	II
Exposure Category:	B
Topographic Category:	1

Conclusion

Based on the analysis results, the structure does not meet the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report after the modifications listed below are completed:

- Reinforce the foundation.

If you have any questions or require additional information, please contact American Tower via email at 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. ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
183.0	2	DragonWave A-ANT-18G-2-C	Platform w/ Handrails	(6) 5/16" Coax (3) 1/2" Coax (2) 3" Conduit	Clearwire
	3	NextNet BTS-2500			
	3	Argus LLPX310R			
	2	DragonWave Horizon Compact		(12) 1 5/8" Coax	Sprint Nextel
	6	Andrew DB844H90E-XY			
	3	Andrew 844G65VTZASX			
175.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	Metro PCS Inc
167.0	6	LGP Allgon LGP21903	Platform w/ Handrails	(2) 3" Conduit (12) 1 1/4" Coax (2) 0.74" 8 AWG 7 (1) 0.28" RG6	AT&T Mobility
	6	Allgon 7770.00			
	6	Powerwave LGP21401			
	2	KMW AM-X-CD-14-65-00T-RET			
	6	Ericsson RRUS 11			
	1	Raycap DC6-48-60-18-8F			
	1	Kathrein 800 10764			
145.0	3	Andrew ETW200VS12UB	Flush	(12) 1 5/8" Coax	T-Mobile
	3	Andrew ETW190VS12UB			
	3	RFS APX16DWV-16DWVS-E-A20			
126.0	6	RFS FD9R6004/1C-3L	Platform w/ Handrails	(12) 1 5/8" Coax (1) 1 5/8" Fiber	Verizon Wireless
	3	Antel BXA-80063/6CF			
	3	Antel BXA-171063-12BF-EDIN-X			
	3	Alcatel-Lucent RRH2x40-AWS			
	1	RFS DB-T1-6Z-8AB-OZ			
	3	Ryma MG D3-800			
50.0	2	Thales PCS VP/360/2 Type 8100	Flush	-	T-Mobile

Proposed Equipment

Elevation ¹ (ft)		Qty.	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
126.0	126.0	3	Antel BXA-70040/6CF	Platform w/ Handrails	-	Verizon Wireless

¹Mount 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	86%*	Pass
Shaft	98%	Pass
Base Plate	75%	Pass
Reinforcement	94%	Pass

*The tower anchor bolts have a factor of safety which exceeds 2.0 with respect to wind.

Foundations

Reaction Component	Foundation Capacities	Analysis Reactions	% of Usage
Moment (Kips-Ft)	4179.7	5,601.8	134%
Shear (Kips)	29.6	49.4	167%

The structure foundation was found to be inadequate through analysis based on geotechnical and foundation information. Modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
126.0	1.312	1.278

*Deflection and Sway was evaluated considering a design wind speed of 60 mph (3-Second Gust) per ANSI/TIA-222-G



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:

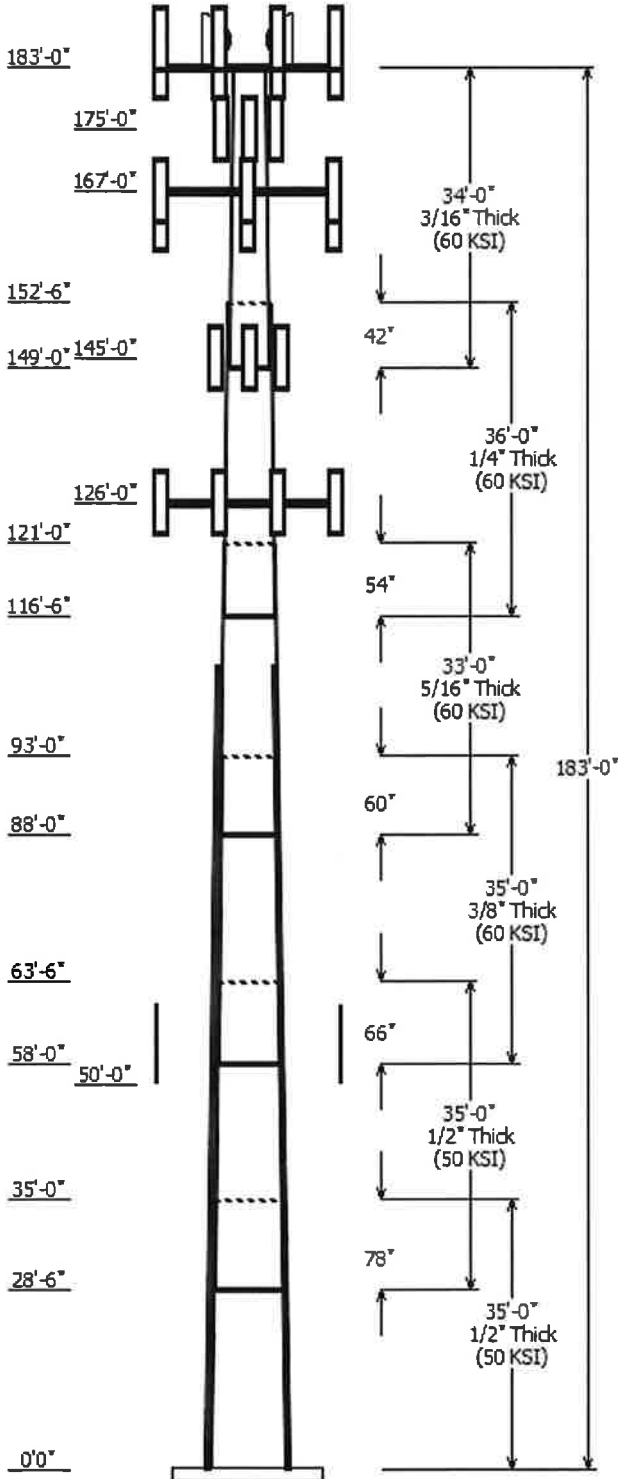
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements 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 : 302535 Code: ANSI/TIA-222 Rev G
 Description : 183 ft Summit Monopole - Model verified 2/27/13
 Client : Verizon Wireless Struct Class : II
 Location : Milford CT 2, CT
 Shape : 18 Sides Exposure : B
 Height : 183.00 (ft) Topo : 1
 Base Elev (ft): 0.00
 Taper: 0.17491(in/ft)

Sections Properties

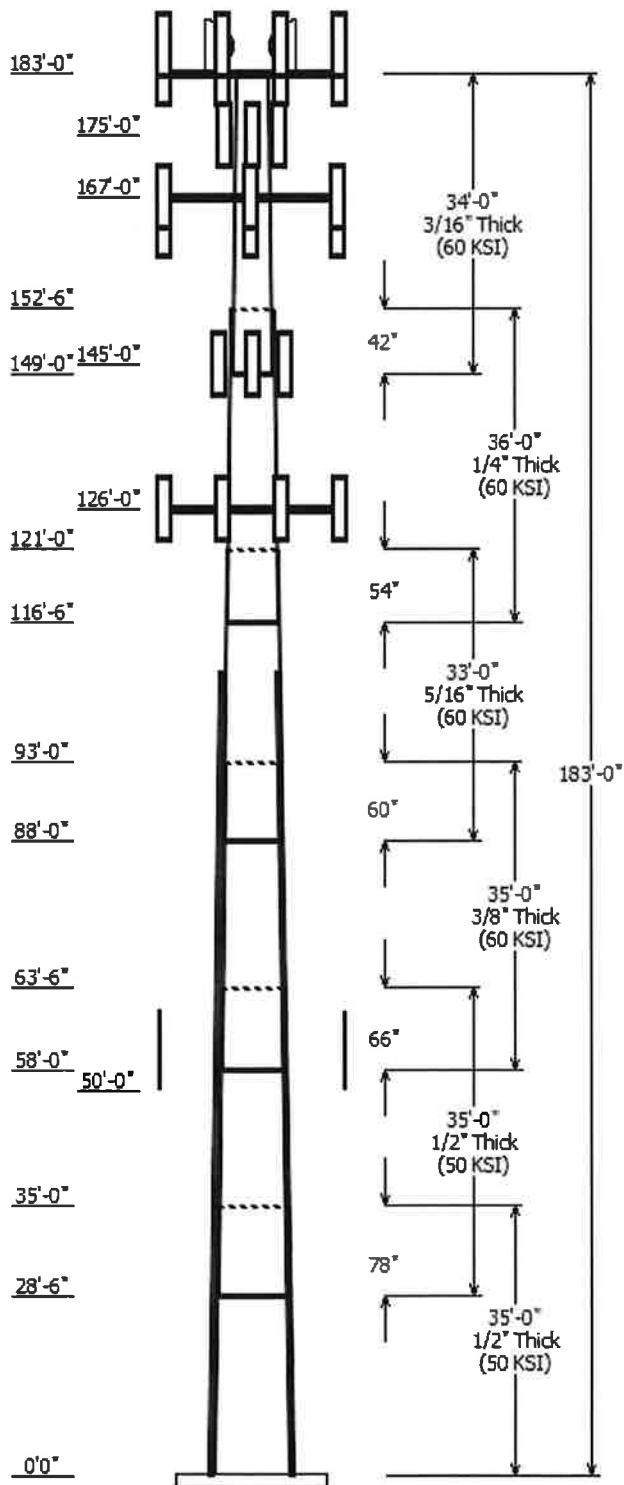
Section	Length (ft)	Diameter (in)	Thick (in)	Joint Type	Overlap Length (in)	Taper (in/ft)	Steel Grade
1	35.000	42.49	48.62	0.500	0.000	0.174917	50
2	35.000	38.51	44.63	0.500	78.000	0.174917	50
3	35.000	34.10	40.22	0.375	66.000	0.174917	60
4	33.000	29.83	35.60	0.313	60.000	0.174917	60
5	36.000	24.82	31.11	0.250	54.000	0.174917	60
6	34.000	19.86	25.80	0.188	42.000	0.174917	60

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
183.000	185.000	3	Andrew 844G65VTZASX
183.000	183.000	1	Flat Platform w/ Handrails
183.000	185.000	6	Andrew DB844H90E-XY
183.000	183.000	2	DragonWave Horizon Compact
183.000	185.000	3	Argus LLPX310R
183.000	185.000	3	NextNet BTS-2500
183.000	185.000	2	DragonWave A-ANT-18G-2-C
175.000	175.000	1	Flush Mounts
175.000	175.000	3	RFS APXV18-206517S-C
167.000	167.000	1	Kathrein 800 10764
167.000	167.000	1	Raycap DC6-48-60-18-8F
167.000	167.000	6	Ericsson RRUS 11
167.000	167.000	2	KMW AM-X-CD-14-65-00T-RET
167.000	167.000	1	Flat Platform w/ Handrails
167.000	165.000	6	Powerwave LGP21401
167.000	165.000	6	Allgon 7770.00
167.000	165.000	6	LGP Allgon LGP21903
145.000	145.000	1	Flush Mounts
145.000	145.000	3	RFS APX16DWV-16DWVS-E-A20
145.000	145.000	3	Andrew ETW190VS12UB
145.000	145.000	3	Andrew ETW200VS12UB
126.000	126.000	3	Antel BXA-70040/6CF
126.000	126.000	1	RFS DB-T1-6Z-8AB-0Z
126.000	126.000	3	Alcatel-Lucent RRH2x40-AWS
126.000	126.000	3	Antel BXA-171063-12BF-EDIN-X
126.000	126.000	3	Antel BXA-80063/6CF
126.000	126.000	6	RFS FD9R6004/1C-3L
126.000	126.000	1	Flat Platform w/ Handrails
126.000	126.000	3	Rymosa MG D3-800
50.000	50.250	2	Thales PCS VP/360/2 Type 8100

Linear Appurtenance

Elev (ft)	From	To	Description	Exposed To Wind
110.0	145.0		1 5/8" Coax	Yes
5.000	167.0		0.28" RG6	No
5.000	167.0		0.74" 8 AWG 7	No
5.000	167.0		1 1/4" Coax	No
5.000	167.0		3" Conduit	No

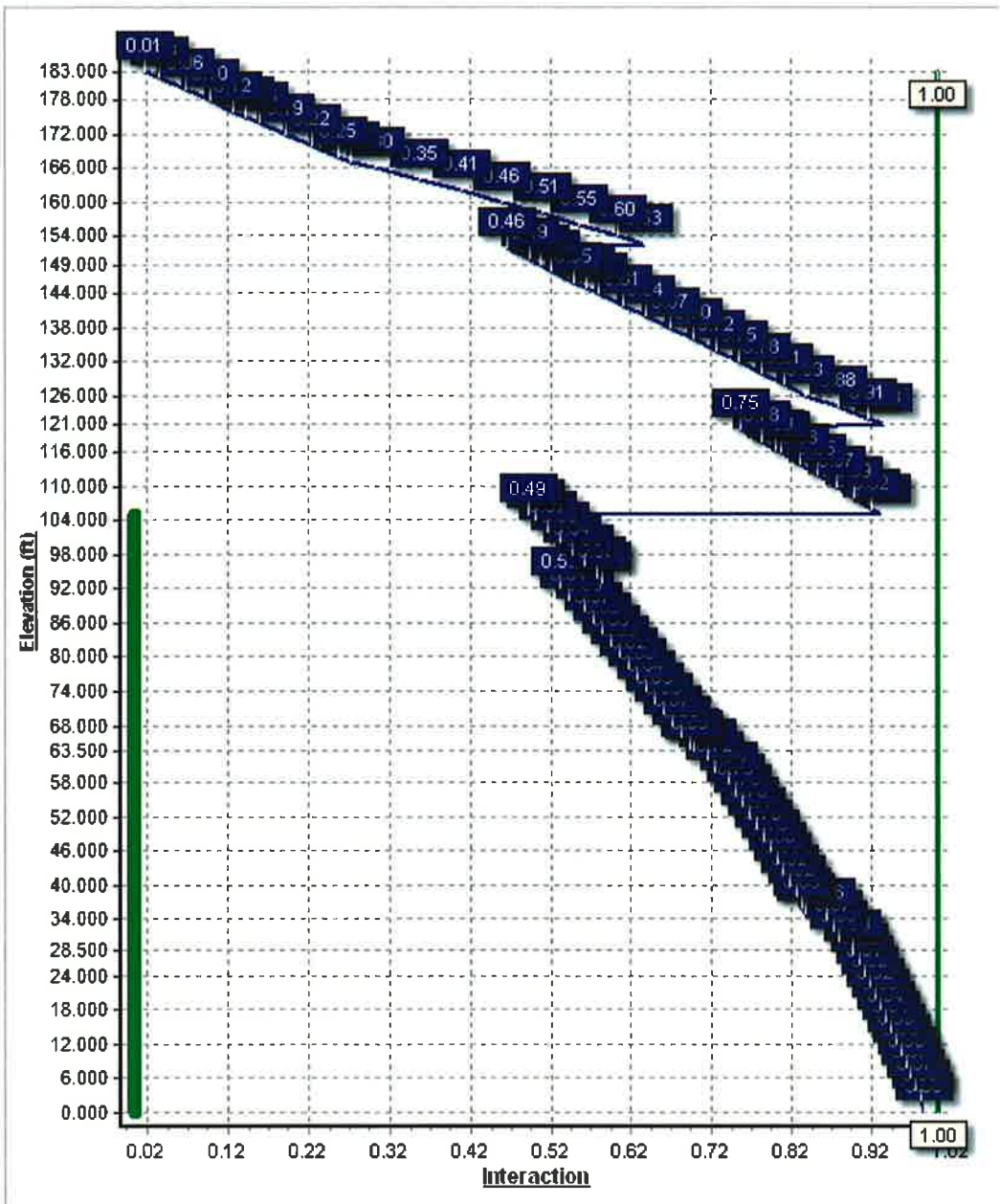


5.000	175.0	1 5/8" Coax	Yes
5.000	183.0	1 5/8" Coax	No
5.000	183.0	1/2" Coax	Yes
5.000	183.0	3" Conduit	Yes
5.000	183.0	5/16" Coax	Yes
5.000	110.0	1 5/8" Coax	Yes
5.000	126.0	1 5/8" Coax	No
5.000	126.0	1 5/8" Coax	No
5.000	126.0	1 5/8" Fiber	No
5.000	145.0	1 5/8" Coax	No
0.000	110.0	#20 dywidag bars	Yes
0.000	110.0	#20 dywidag bars	Yes
0.000	110.0	Brackets	Yes

Load Cases	
1.2D + 1.6W	110.00 mph with No Ice
0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

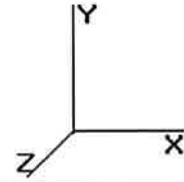
Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	5601.83	49.40	66.51
0.9D + 1.6W	5406.58	48.56	51.63
1.2D + 1.0Di + 1.0Wi	1079.39	8.94	104.04
1.0D + 1.0W	1012.61	9.03	56.64

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	183.00	35.056	1.822



Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip 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	35.000	0.5000	50		0.00	8,516	48.62	0.00	76.36	22340.1	15.74	97.24	42.49	35.00	66.65	14852.2	13.58	85.00	0.174917
2-18	35.000	0.5000	50	Slip	78.00	7,763	44.63	28.50	70.04	17236.7	14.33	89.27	38.51	63.50	60.32	11012.7	12.17	77.03	0.174917
3-18	35.000	0.3750	60	Slip	66.00	5,215	40.22	58.00	47.43	9515.8	17.50	107.27	34.10	93.00	40.14	5769.4	14.62	90.94	0.174917
4-18	33.000	0.3125	60	Slip	60.00	3,609	35.60	88.00	35.00	5507.2	18.68	113.93	29.83	121.00	29.28	3222.7	15.42	95.46	0.174917
5-18	36.000	0.2500	60	Slip	54.00	2,694	31.11	116.50	24.49	2948.2	20.54	124.47	24.82	152.50	19.50	1486.9	16.10	99.28	0.174917
6-18	34.000	0.1875	60	Slip	42.00	1,559	25.80	149.00	15.25	1264.3	22.86	137.64	19.86	183.00	11.71	572.4	17.27	105.92	0.174917
Shaft Weight						29,356													

Discrete Appurtenance Properties

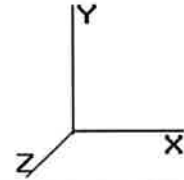
Attach Elev (ft)	Description	Qty	Weight (lb)	No Ice EPAa (sf)	Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Orientation Factor	Distance From Face (ft)	Vert Ecc (ft)
183.00	Andrew 844G65VTZASX	3	16.00	5.310	0.86	175.74	6.332	0.86	0.000	2.000
183.00	Andrew DB844H90E-XY	6	14.00	3.610	0.92	127.45	3.941	0.92	0.000	2.000
183.00	Argus LLPX310R	3	28.60	4.290	0.73	139.14	5.209	0.73	0.000	2.000
183.00	DragonWave A-ANT-18G-2-C	2	27.10	4.690	0.67	126.85	5.992	0.67	0.000	2.000
183.00	DragonWave Horizon	2	10.60	0.840	0.50	41.82	1.110	0.50	0.000	0.000
183.00	Flat Platform w/ Handrails	1	2000.00	42.400	0.90	3,452.68	63.837	0.90	0.000	0.000
183.00	NextNet BTS-2500	3	35.00	1.820	0.50	64.91	3.116	0.50	0.000	2.000
175.00	Flush Mounts	1	200.00	3.500	0.67	554.47	7.222	0.67	0.000	0.000
175.00	RFS APXV18-206517S-C	3	26.40	5.170	0.80	146.44	6.430	0.80	0.000	0.000
167.00	Allgon 7770.00	6	35.00	5.510	0.77	171.88	6.572	0.77	0.000	-2.000
167.00	Ericsson RRUS 11	6	44.00	2.570	0.50	126.59	3.229	0.50	0.000	0.000
167.00	Flat Platform w/ Handrails	1	2000.00	42.400	0.90	3,439.45	63.642	0.90	0.000	0.000
167.00	Kathrein 800 10764	1	40.80	5.870	0.79	192.11	6.956	0.79	0.000	0.000
167.00	KMW AM-X-CD-14-65-00T-	2	36.40	4.990	0.78	169.43	5.986	0.78	0.000	0.000
167.00	LGP Allgon LGP21903	6	5.50	0.270	0.50	19.29	0.475	0.50	0.000	-2.000
167.00	Powerwave LGP21401	6	14.10	1.100	0.50	48.25	1.569	0.50	0.000	-2.000
167.00	Raycap DC6-48-60-18-8F	1	31.80	1.280	0.50	125.98	2.861	0.50	0.000	0.000
145.00	Andrew ETW190VS12UB	3	11.00	0.760	0.50	36.67	1.016	0.50	0.000	0.000
145.00	Andrew ETW200VS12UB	3	11.00	0.470	0.50	29.23	0.374	0.50	0.000	0.000
145.00	Flush Mounts	1	200.00	3.500	0.67	547.86	7.153	0.67	0.000	0.000
145.00	RFS APX16DWV-16DWVS-E-	3	40.70	7.220	0.66	178.46	7.707	0.66	0.000	0.000
126.00	Alcatel-Lucent RRH2x40-AWS	3	44.00	2.160	0.50	115.93	2.792	0.50	0.000	0.000
126.00	Antel BXA-171063-12BF-EDIN-	3	15.00	4.730	0.88	131.70	5.933	0.88	0.000	0.000
126.00	Antel BXA-70040/6CF	3	37.50	14.250	0.70	347.61	15.766	0.70	0.000	0.000
126.00	Antel BXA-80063/6CF	3	14.90	7.740	0.75	178.99	8.821	0.75	0.000	0.000
126.00	Flat Platform w/ Handrails	1	2000.00	42.400	0.90	3,399.47	63.052	0.90	0.000	0.000
126.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	4.800	0.67	184.81	5.658	0.67	0.000	0.000
126.00	RFS FD9R6004/1C-3L	6	3.10	0.370	0.50	15.91	0.576	0.50	0.000	0.000
126.00	Ryma MG D3-800	3	15.40	3.450	0.82	102.84	4.403	0.82	0.000	0.000
50.00	Thales PCS VP/360/2 Type	2	0.30	0.030	0.50	4.74	0.174	0.50	0.000	0.250
Totals		88	8246.10			20,581.75			Number of Loadings :	30

Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
5.00	183.00	(12) 1 5/8" Coax	0.00	N
5.00	183.00	(3) 1/2" Coax	0.00	Y

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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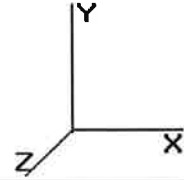
5.00	183.00	(2) 3" Conduit	2.38	Y
5.00	183.00	(6) 5/16" Coax	0.00	Y
5.00	175.00	(6) 1 5/8" Coax	1.90	Y
5.00	167.00	(1) 0.28" RG6	0.00	N
5.00	167.00	(2) 0.74" 8 AWG 7	0.00	N
5.00	167.00	(12) 1 1/4" Coax	0.00	N
5.00	167.00	(2) 3" Conduit	0.00	N
5.00	145.00	(6) 1 5/8" Coax	0.00	N
110.00	145.00	(6) 1 5/8" Coax	1.90	Y
5.00	126.00	(6) 1 5/8" Coax	0.00	N
5.00	126.00	(6) 1 5/8" Coax	0.00	N
5.00	126.00	(1) 1 5/8" Fiber	0.00	N
0.00	110.00	(2) #20 dywidag bars	2.50	Y
0.00	110.00	(2) #20 dywidag bars	2.50	Y
0.00	110.00	(1) Brackets	1.00	Y
5.00	110.00	(6) 1 5/8" Coax	0.00	Y

Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	105.0	4	SOL #20 All Thread	80	2.08	6" Angle Bracket	30.0	16.0	5/8" A36 U-Bolt	No

Pole : 302535
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 Base Dia : 48.62 (in)
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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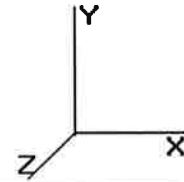
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Segment Properties (Max Len : 2 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)	Additional Reinforcing Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.5000	48.620	76.363	22,340.1	15.74	97.24	63.5	905.0	0.0	19.64	7,594	0.0
2.00		0.5000	48.270	75.808	21,856.4	15.61	96.54	63.5	891.8	517.8	19.64	7,497	133.6
4.00		0.5000	47.920	75.253	21,379.8	15.49	95.84	63.5	878.8	514.0	19.64	7,401	133.6
6.00		0.5000	47.570	74.698	20,910.1	15.37	95.14	63.5	865.8	510.2	19.64	7,305	133.6
8.00		0.5000	47.220	74.143	20,447.3	15.24	94.44	63.5	852.9	506.5	19.64	7,211	133.6
10.00		0.5000	46.871	73.588	19,991.4	15.12	93.74	63.5	840.1	502.7	19.64	7,116	133.6
12.00		0.5000	46.521	73.032	19,542.3	15.00	93.04	63.5	827.4	498.9	19.64	7,023	133.6
14.00		0.5000	46.171	72.477	19,100.1	14.87	92.34	63.5	814.8	495.1	19.64	6,930	133.6
16.00		0.5000	45.821	71.922	18,664.5	14.75	91.64	63.5	802.3	491.4	19.64	6,838	133.6
18.00		0.5000	45.471	71.367	18,235.6	14.63	90.94	63.5	789.9	487.6	19.64	6,746	133.6
20.00		0.5000	45.121	70.812	17,813.3	14.50	90.24	63.5	777.6	483.8	19.64	6,655	133.6
22.00		0.5000	44.772	70.257	17,397.6	14.38	89.54	63.5	765.4	480.0	19.64	6,564	133.6
24.00		0.5000	44.422	69.701	16,988.5	14.25	88.84	63.5	753.3	476.2	19.64	6,475	133.6
26.00		0.5000	44.072	69.146	16,585.8	14.13	88.14	63.5	741.2	472.5	19.64	6,385	133.6
28.00		0.5000	43.722	68.591	16,189.5	14.01	87.44	63.5	729.3	468.7	19.64	6,297	133.6
28.50	Bot - Section 2	0.5000	43.635	68.452	16,109.4	13.98	87.27	63.5	726.3	116.6	19.64	6,275	33.4
30.00		0.5000	43.372	68.036	15,799.5	13.88	86.74	63.5	717.5	704.8	19.64	6,462	100.2
32.00		0.5000	43.022	67.481	15,415.9	13.76	86.04	63.5	705.8	933.1	19.64	6,373	133.6
34.00		0.5000	42.673	66.926	15,038.5	13.64	85.35	63.5	694.1	925.5	19.64	6,284	133.6
35.00	Top - Section 1	0.5000	43.498	68.235	15,938.6	13.93	87.00	63.5	721.7	459.9	19.64	6,240	66.8
36.00		0.5000	43.323	67.957	15,744.9	13.87	86.65	63.5	715.8	231.7	19.64	6,196	66.8
38.00		0.5000	42.973	67.402	15,362.1	13.74	85.95	63.5	704.1	460.6	19.64	6,109	133.6
40.00		0.5000	42.623	66.847	14,985.6	13.62	85.25	63.5	692.5	456.8	19.64	6,023	133.6
42.00		0.5000	42.273	66.292	14,615.4	13.50	84.55	63.5	681.0	453.0	19.64	5,937	133.6
44.00		0.5000	41.923	65.737	14,251.2	13.37	83.85	63.5	669.5	449.3	19.64	5,851	133.6
46.00		0.5000	41.574	65.181	13,893.2	13.25	83.15	63.5	658.2	445.5	19.64	5,766	133.6
48.00		0.5000	41.224	64.626	13,541.2	13.13	82.45	63.5	647.0	441.7	19.64	5,682	133.6
50.00		0.5000	40.874	64.071	13,195.2	13.00	81.75	63.5	635.8	437.9	19.64	5,599	133.6
52.00		0.5000	40.524	63.516	12,855.2	12.88	81.05	63.5	624.8	434.2	19.64	5,516	133.6
54.00		0.5000	40.174	62.961	12,521.0	12.76	80.35	63.5	613.9	430.4	19.64	5,433	133.6
56.00		0.5000	39.824	62.406	12,192.7	12.63	79.65	63.5	603.0	426.6	19.64	5,352	133.6
58.00	Bot - Section 3	0.5000	39.475	61.850	11,870.2	12.51	78.95	63.5	592.3	422.8	19.64	5,271	133.6
60.00		0.5000	39.125	61.295	11,553.4	12.39	78.25	63.5	581.6	740.4	19.64	5,363	133.6
62.00		0.5000	38.775	60.740	11,242.4	12.26	77.55	63.5	571.1	733.8	19.64	5,282	133.6
63.50	Top - Section 2	0.3750	39.263	46.284	8,843.2	17.05	104.70	75.8	443.6	546.0	19.64	5,222	100.2
64.00		0.3750	39.175	46.180	8,783.6	17.01	104.47	75.9	441.6	78.7	19.64	5,202	33.4
66.00		0.3750	38.825	45.764	8,548.2	16.85	103.53	76.0	433.7	312.9	19.64	5,122	133.6
68.00		0.3750	38.475	45.347	8,317.0	16.68	102.60	76.2	425.8	310.0	19.64	5,042	133.6
70.00		0.3750	38.126	44.931	8,090.0	16.52	101.67	76.2	417.9	307.2	19.64	4,964	133.6
72.00		0.3750	37.776	44.515	7,867.1	16.35	100.74	76.2	410.2	304.4	19.64	4,886	133.6
74.00		0.3750	37.426	44.098	7,648.4	16.19	99.80	76.2	402.5	301.5	19.64	4,808	133.6
76.00		0.3750	37.076	43.682	7,433.8	16.02	98.87	76.2	394.9	298.7	19.64	4,731	133.6
78.00		0.3750	36.726	43.266	7,223.3	15.86	97.94	76.2	387.4	295.9	19.64	4,655	133.6
80.00		0.3750	36.376	42.849	7,016.7	15.69	97.00	76.2	379.9	293.0	19.64	4,580	133.6
82.00		0.3750	36.027	42.433	6,814.1	15.53	96.07	76.2	372.5	290.2	19.64	4,505	133.6
84.00		0.3750	35.677	42.016	6,615.5	15.36	95.14	76.2	365.2	287.4	19.64	4,430	133.6
86.00		0.3750	35.327	41.600	6,420.8	15.20	94.21	76.2	358.0	284.5	19.64	4,357	133.6
88.00	Bot - Section 4	0.3750	34.977	41.184	6,229.9	15.04	93.27	76.2	350.8	281.7	19.64	4,284	133.6
90.00		0.3750	34.627	40.767	6,042.9	14.87	92.34	76.2	343.7	515.9	19.64	4,341	133.6
92.00		0.3750	34.277	40.351	5,859.6	14.71	91.41	76.2	336.7	510.7	19.64	4,268	133.6
93.00	Top - Section 3	0.3125	34.727	34.134	5,107.8	18.18	111.13	74.6	289.7	253.4	19.64	4,232	66.8
94.00		0.3125	34.553	33.961	5,030.3	18.09	110.57	74.7	286.7	115.9	19.64	4,196	66.8
96.00		0.3125	34.203	33.614	4,877.7	17.89	109.45	74.9	280.9	229.9	19.64	4,124	133.6
98.00		0.3125	33.853	33.267	4,728.2	17.69	108.33	75.1	275.1	227.6	19.64	4,053	133.6
100.00		0.3125	33.503	32.920	4,581.8	17.49	107.21	75.4	269.4	225.2	19.64	3,982	133.6
102.00		0.3125	33.153	32.573	4,438.5	17.30	106.09	75.6	263.7	222.9	19.64	3,912	133.6
104.00		0.3125	32.803	32.226	4,298.1	17.10	104.97	75.8	258.1	220.5	19.64	3,843	133.6
105.00	Reinf. Top	0.3125	32.628	32.052	4,229.1	17.00	104.41	75.9	255.3	109.4	19.64	3,809	66.8

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
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 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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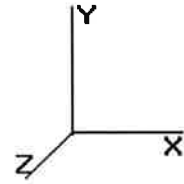
106.0	0.3125	32.454	31.879	4,160.8	16.90	103.85	76.0	252.5	108.8
108.0	0.3125	32.104	31.532	4,026.4	16.70	102.73	76.2	247.0	215.8
110.0	0.3125	31.754	31.185	3,894.9	16.51	101.61	76.2	241.6	213.4
112.0	0.3125	31.404	30.838	3,766.4	16.31	100.49	76.2	236.2	211.0
114.0	0.3125	31.054	30.491	3,640.6	16.11	99.37	76.2	230.9	208.7
116.0	0.3125	30.704	30.144	3,517.8	15.91	98.25	76.2	225.7	206.3
116.5 Bot - Section 5	0.3125	30.617	30.057	3,487.5	15.86	97.97	76.2	224.4	51.2
118.0	0.3125	30.355	29.797	3,397.7	15.72	97.13	76.2	220.5	277.2
120.0	0.3125	30.005	29.450	3,280.4	15.52	96.02	76.2	215.3	365.9
121.0 Top - Section 4	0.2500	30.330	23.867	2,728.4	19.98	121.32	72.8	177.2	181.4
122.0	0.2500	30.155	23.729	2,681.1	19.86	120.62	72.9	175.1	81.0
124.0	0.2500	29.805	23.451	2,588.1	19.61	119.22	73.1	171.0	160.5
126.0	0.2500	29.455	23.173	2,497.3	19.36	117.82	73.4	167.0	158.7
128.0	0.2500	29.105	22.896	2,408.6	19.12	116.42	73.7	163.0	156.8
130.0	0.2500	28.756	22.618	2,322.1	18.87	115.02	73.9	159.0	154.9
132.0	0.2500	28.406	22.341	2,237.6	18.62	113.62	74.2	155.2	153.0
134.0	0.2500	28.056	22.063	2,155.2	18.38	112.22	74.4	151.3	151.1
136.0	0.2500	27.706	21.786	2,074.9	18.13	110.82	74.7	147.5	149.2
138.0	0.2500	27.356	21.508	1,996.6	17.88	109.42	74.9	143.8	147.3
140.0	0.2500	27.006	21.230	1,920.3	17.64	108.03	75.2	140.0	145.4
142.0	0.2500	26.657	20.953	1,845.9	17.39	106.63	75.5	136.4	143.5
144.0	0.2500	26.307	20.675	1,773.5	17.14	105.23	75.7	132.8	141.7
145.0	0.2500	26.132	20.536	1,738.1	17.02	104.53	75.8	131.0	70.1
146.0	0.2500	25.957	20.398	1,703.1	16.90	103.83	76.0	129.2	69.6
148.0	0.2500	25.607	20.120	1,634.5	16.65	102.43	76.2	125.7	137.9
149.0 Bot - Section 6	0.2500	25.432	19.981	1,600.9	16.53	101.73	76.2	124.0	68.2
150.0	0.2500	25.257	19.842	1,567.8	16.40	101.03	76.2	122.3	119.5
152.0	0.2500	24.907	19.565	1,502.9	16.16	99.63	76.2	118.8	236.4
152.5 Top - Section 5	0.1875	25.195	14.882	1,175.8	22.28	134.37	70.4	91.9	58.6
154.0	0.1875	24.933	14.726	1,139.2	22.04	132.97	70.6	90.0	75.6
156.0	0.1875	24.583	14.518	1,091.6	21.71	131.11	71.0	87.5	99.5
158.0	0.1875	24.233	14.309	1,045.3	21.38	129.24	71.3	85.0	98.1
160.0	0.1875	23.883	14.101	1,000.3	21.05	127.38	71.6	82.5	96.7
162.0	0.1875	23.533	13.893	956.7	20.72	125.51	72.0	80.1	95.3
164.0	0.1875	23.183	13.685	914.3	20.39	123.64	72.3	77.7	93.8
166.0	0.1875	22.833	13.477	873.2	20.06	121.78	72.7	75.3	92.4
167.0	0.1875	22.659	13.373	853.1	19.90	120.85	72.8	74.2	45.7
168.0	0.1875	22.484	13.269	833.4	19.73	119.91	73.0	73.0	45.3
170.0	0.1875	22.134	13.060	794.8	19.40	118.05	73.4	70.7	89.6
172.0	0.1875	21.784	12.852	757.3	19.08	116.18	73.7	68.5	88.2
174.0	0.1875	21.434	12.644	721.1	18.75	114.32	74.0	66.3	86.8
175.0	0.1875	21.259	12.540	703.5	18.58	113.38	74.2	65.2	42.8
176.0	0.1875	21.084	12.436	686.1	18.42	112.45	74.4	64.1	42.5
178.0	0.1875	20.734	12.228	652.2	18.09	110.58	74.7	62.0	83.9
180.0	0.1875	20.385	12.019	619.5	17.76	108.72	75.1	59.9	82.5
182.0	0.1875	20.035	11.811	587.8	17.43	106.85	75.4	57.8	81.1
183.0	0.1875	19.860	11.707	572.4	17.27	105.92	75.6	56.8	40.0

29,356.2

7,014.0

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
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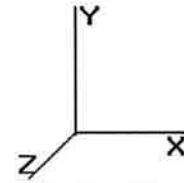
Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	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		1.00	0.70	20.599	22.65	378.63	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	20.599	22.65	375.91	0.693	* 0.000	2.00	8.199	5.68	205.9	0.0	755.0
4.00		1.00	0.70	20.599	22.65	373.18	0.695	* 0.000	2.00	8.139	5.65	205.0	0.0	750.4
6.00		1.00	0.70	20.599	22.65	370.46	0.782	* 0.000	2.00	8.080	6.32	229.2	0.0	745.9
8.00		1.00	0.70	20.599	22.65	367.73	1.200	* 0.000	2.00	8.021	9.63	349.0	0.0	741.4
10.00		1.00	0.70	20.599	22.65	365.01	1.200	* 0.000	2.00	7.962	9.55	346.4	0.0	736.8
12.00		1.00	0.70	20.599	22.65	362.29	1.200	* 0.000	2.00	7.903	9.48	343.8	0.0	732.3
14.00		1.00	0.70	20.599	22.65	359.56	1.200	* 0.000	2.00	7.843	9.41	341.2	0.0	727.8
16.00		1.00	0.70	20.599	22.65	356.84	1.200	* 0.000	2.00	7.784	9.34	338.7	0.0	723.2
18.00		1.00	0.70	20.599	22.65	354.11	1.200	* 0.000	2.00	7.725	9.27	336.1	0.0	718.7
20.00		1.00	0.70	20.599	22.65	351.39	1.200	* 0.000	2.00	7.666	9.20	333.5	0.0	714.2
22.00		1.00	0.70	20.599	22.65	348.66	1.200	* 0.000	2.00	7.607	9.13	330.9	0.0	709.6
24.00		1.00	0.70	20.599	22.65	345.94	1.200	* 0.000	2.00	7.547	9.06	328.4	0.0	705.1
26.00		1.00	0.70	20.599	22.65	343.21	1.200	* 0.000	2.00	7.488	8.99	325.8	0.0	700.6
28.00		1.00	0.70	20.599	22.65	340.49	1.200	* 0.000	2.00	7.429	8.91	323.2	0.0	696.0
28.50	Bot - Section 2	1.00	0.70	20.599	22.65	339.81	1.200	* 0.000	0.50	1.848	2.22	80.4	0.0	173.3
30.00		1.00	0.70	20.616	22.67	337.91	1.200	* 0.000	1.50	5.649	6.78	246.0	0.0	945.9
32.00		1.00	0.71	21.000	23.10	338.29	1.200	* 0.000	2.00	7.480	8.98	331.7	0.0	1,253.3
34.00		1.00	0.72	21.367	23.50	338.46	1.200	* 0.000	2.00	7.421	8.90	334.9	0.0	1,244.2
35.00	Top - Section 1	1.00	0.73	21.545	23.69	338.47	1.200	* 0.000	1.00	3.688	4.43	167.8	0.0	618.7
36.00		1.00	0.73	21.719	23.89	346.43	1.200	* 0.000	1.00	3.673	4.41	168.5	0.0	344.9
38.00		1.00	0.75	22.057	24.26	346.30	1.200	* 0.000	2.00	7.302	8.76	340.2	0.0	686.3
40.00		1.00	0.76	22.383	24.62	346.00	1.200	* 0.000	2.00	7.243	8.69	342.4	0.0	681.8
42.00		1.00	0.77	22.697	24.96	345.56	1.200	* 0.000	2.00	7.184	8.62	344.4	0.0	677.2
44.00		1.00	0.78	23.000	25.30	344.99	1.200	* 0.000	2.00	7.125	8.55	346.1	0.0	672.7
46.00		1.00	0.79	23.294	25.62	344.29	1.200	* 0.000	2.00	7.065	8.48	347.6	0.0	668.2
48.00		1.00	0.80	23.579	25.93	343.47	1.200	* 0.000	2.00	7.006	8.41	348.9	0.0	663.6
50.00	Appertunance(s)	1.00	0.81	23.856	26.24	342.55	1.200	* 0.000	2.00	6.947	8.34	350.0	0.0	659.1
52.00		1.00	0.82	24.125	26.53	341.53	1.200	* 0.000	2.00	6.888	8.27	350.9	0.0	654.6
54.00		1.00	0.82	24.386	26.82	340.41	1.200	* 0.000	2.00	6.829	8.19	351.7	0.0	650.0
56.00		1.00	0.83	24.641	27.10	339.20	1.200	* 0.000	2.00	6.769	8.12	352.3	0.0	645.5
58.00	Bot - Section 3	1.00	0.84	24.889	27.37	337.91	1.200	* 0.000	2.00	6.710	8.05	352.7	0.0	641.0
60.00		1.00	0.85	25.132	27.64	336.54	1.200	* 0.000	2.00	6.778	8.13	359.8	0.0	1,022.1
62.00		1.00	0.86	25.368	27.90	335.10	1.200	* 0.000	2.00	6.719	8.06	360.0	0.0	1,014.1
63.50	Top - Section 2	1.00	0.86	25.542	28.09	333.97	1.200	* 0.000	1.50	5.000	6.00	269.7	0.0	755.4
64.00		1.00	0.87	25.599	28.15	340.10	1.200	* 0.000	0.50	1.659	1.99	89.7	0.0	127.8
66.00		1.00	0.87	25.825	28.40	338.55	1.200	* 0.000	2.00	6.600	7.92	360.0	0.0	509.0
68.00		1.00	0.88	26.047	28.65	336.93	1.200	* 0.000	2.00	6.541	7.85	359.8	0.0	505.6
70.00		1.00	0.89	26.263	28.89	335.25	1.200	* 0.000	2.00	6.482	7.78	359.5	0.0	502.2
72.00		1.00	0.90	26.476	29.12	333.51	1.200	* 0.000	2.00	6.423	7.71	359.1	0.0	498.8
74.00		1.00	0.90	26.684	29.35	331.72	1.200	* 0.000	2.00	6.363	7.64	358.6	0.0	495.4
76.00		1.00	0.91	26.888	29.57	329.88	1.200	* 0.000	2.00	6.304	7.57	358.0	0.0	492.0
78.00		1.00	0.92	27.088	29.79	327.98	1.200	* 0.000	2.00	6.245	7.49	357.3	0.0	488.6
80.00		1.00	0.92	27.285	30.01	326.03	1.200	* 0.000	2.00	6.186	7.42	356.5	0.0	485.2
82.00		1.00	0.93	27.478	30.22	324.04	1.200	* 0.000	2.00	6.127	7.35	355.5	0.0	481.8
84.00		1.00	0.94	27.668	30.43	322.00	1.200	* 0.000	2.00	6.067	7.28	354.5	0.0	478.4
86.00		1.00	0.94	27.854	30.64	319.91	1.200	* 0.000	2.00	6.008	7.21	353.5	0.0	475.0
88.00	Bot - Section 4	1.00	0.95	28.038	30.84	317.79	1.200	* 0.000	2.00	5.949	7.14	352.3	0.0	471.6
90.00		1.00	0.95	28.219	31.04	315.62	1.200	* 0.000	2.00	5.996	7.19	357.3	0.0	752.7
92.00		1.00	0.96	28.396	31.23	313.41	1.200	* 0.000	2.00	5.936	7.12	356.0	0.0	746.4
93.00	Top - Section 3	1.00	0.96	28.484	31.33	312.30	1.200	* 0.000	1.00	2.946	3.54	177.2	0.0	370.9

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

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

Wind Importance Factor : 1.00

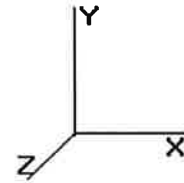
94.00		1.00	0.97	28.571	31.42	316.90	1.200	* 0.000	1.00	2.931	3.52	176.9	0.0	205.8
96.00		1.00	0.97	28.744	31.61	314.64	1.200	* 0.000	2.00	5.818	6.98	353.2	0.0	409.5
98.00		1.00	0.98	28.913	31.80	312.34	1.200	* 0.000	2.00	5.759	6.91	351.7	0.0	406.7
100.0		1.00	0.98	29.081	31.98	310.00	1.200	* 0.000	2.00	5.700	6.84	350.1	0.0	403.9
102.0		1.00	0.99	29.246	32.17	307.64	1.200	* 0.000	2.00	5.640	6.77	348.4	0.0	401.0
104.0		1.00	0.99	29.409	32.34	305.24	1.200	* 0.000	2.00	5.581	6.70	346.7	0.0	398.2
105.0	Reinf. Top	1.00	1.00	29.489	32.43	304.02	1.200	* 0.000	1.00	2.768	3.32	172.4	0.0	198.0
106.0		1.00	1.00	29.569	32.52	302.80	1.200	* 0.000	1.00	2.754	3.30	172.0	0.0	130.5
108.0		1.00	1.01	29.727	32.70	300.34	1.200	* 0.000	2.00	5.463	6.56	343.0	0.0	258.9
110.0		1.00	1.01	29.884	32.87	297.85	1.200	* 0.000	2.00	5.404	6.48	341.0	0.0	256.1
112.0		1.00	1.02	30.038	33.04	295.32	0.831	* 0.000	2.00	5.344	4.44	234.7	0.0	253.3
114.0		1.00	1.02	30.190	33.20	292.77	0.835	* 0.000	2.00	5.285	4.41	234.5	0.0	250.4
116.0		1.00	1.03	30.341	33.37	290.20	0.839	* 0.000	2.00	5.226	4.39	234.2	0.0	247.6
116.5	Bot - Section 5	1.00	1.03	30.378	33.41	289.55	0.842	* 0.000	0.50	1.297	1.09	58.4	0.0	61.5
118.0		1.00	1.03	30.489	33.53	287.59	0.844	* 0.000	1.50	3.933	3.32	178.2	0.0	332.7
120.0		1.00	1.04	30.636	33.69	284.96	1.200	* 0.000	2.00	5.192	6.23	335.9	0.0	439.1
121.0	Top - Section 4	1.00	1.04	30.709	33.77	283.63	1.200	* 0.000	1.00	2.574	3.09	166.9	0.0	217.6
122.0		1.00	1.04	30.781	33.85	282.06	1.200	* 0.000	1.00	2.559	3.07	166.4	0.0	97.2
124.0		1.00	1.05	30.924	34.01	284.39	1.200	* 0.000	2.00	5.074	6.09	331.4	0.0	192.7
126.0	Appertunance(s)	1.00	1.05	31.066	34.17	281.70	1.200	* 0.000	2.00	5.015	6.02	329.0	0.0	190.4
128.0		1.00	1.06	31.206	34.32	278.98	1.200	* 0.000	2.00	4.955	5.95	326.6	0.0	188.1
130.0		1.00	1.06	31.345	34.47	276.24	1.200	* 0.000	2.00	4.896	5.88	324.1	0.0	185.8
132.0		1.00	1.07	31.482	34.63	273.47	1.200	* 0.000	2.00	4.837	5.80	321.6	0.0	183.6
134.0		1.00	1.07	31.617	34.77	270.68	1.200	* 0.000	2.00	4.778	5.73	319.0	0.0	181.3
136.0		1.00	1.07	31.751	34.92	267.88	1.200	* 0.000	2.00	4.719	5.66	316.4	0.0	179.0
138.0		1.00	1.08	31.884	35.07	265.05	1.200	* 0.000	2.00	4.659	5.59	313.8	0.0	176.8
140.0		1.00	1.08	32.015	35.21	262.19	1.200	* 0.000	2.00	4.600	5.52	311.0	0.0	174.5
142.0		1.00	1.09	32.145	35.36	259.32	1.200	* 0.000	2.00	4.541	5.45	308.3	0.0	172.2
144.0		1.00	1.09	32.274	35.50	256.43	1.200	* 0.000	2.00	4.482	5.38	305.5	0.0	170.0
145.0	Appertunance(s)	1.00	1.09	32.338	35.57	254.98	1.200	* 0.000	1.00	2.219	2.66	151.5	0.0	84.1
146.0		1.00	1.10	32.402	35.64	253.52	0.771	* 0.000	1.00	2.204	1.70	96.8	0.0	83.6
148.0		1.00	1.10	32.528	35.78	250.59	0.774	* 0.000	2.00	4.363	3.38	193.3	0.0	165.4
149.0	Bot - Section 6	1.00	1.10	32.590	35.84	249.12	0.777	* 0.000	1.00	2.159	1.68	96.3	0.0	81.9
150.0		1.00	1.11	32.653	35.91	247.64	0.779	* 0.000	1.00	2.176	1.70	97.5	0.0	143.4
152.0		1.00	1.11	32.777	36.05	244.67	0.783	* 0.000	2.00	4.308	3.37	194.5	0.0	283.7
152.5	Top - Section 5	1.00	1.11	32.807	36.08	243.93	0.786	* 0.000	0.50	1.068	0.84	48.4	0.0	70.3
154.0		1.00	1.11	32.899	36.18	245.38	0.783	* 0.000	1.50	3.181	2.49	144.2	0.0	90.7
156.0		1.00	1.12	33.021	36.32	242.38	0.787	* 0.000	2.00	4.190	3.30	191.6	0.0	119.4
158.0		1.00	1.12	33.141	36.45	239.37	0.792	* 0.000	2.00	4.131	3.27	190.8	0.0	117.7
160.0		1.00	1.13	33.260	36.58	236.34	0.797	* 0.000	2.00	4.072	3.24	189.9	0.0	116.0
162.0		1.00	1.13	33.379	36.71	233.29	0.802	* 0.000	2.00	4.012	3.22	189.0	0.0	114.3
164.0		1.00	1.13	33.496	36.84	230.22	0.807	* 0.000	2.00	3.953	3.19	188.0	0.0	112.6
166.0		1.00	1.14	33.612	36.97	227.14	0.812	* 0.000	2.00	3.894	3.16	187.1	0.0	110.9
167.0	Appertunance(s)	1.00	1.14	33.670	37.03	225.60	0.816	* 0.000	1.00	1.925	1.57	93.1	0.0	54.8
168.0		1.00	1.14	33.727	37.10	224.04	0.819	* 0.000	1.00	1.910	1.56	92.9	0.0	54.4
170.0		1.00	1.15	33.842	37.22	220.93	0.823	* 0.000	2.00	3.775	3.11	185.2	0.0	107.5
172.0		1.00	1.15	33.955	37.35	217.80	0.829	* 0.000	2.00	3.716	3.08	184.2	0.0	105.8
174.0		1.00	1.15	34.067	37.47	214.66	0.835	* 0.000	2.00	3.657	3.05	183.2	0.0	104.1
175.0	Appertunance(s)	1.00	1.16	34.123	37.53	213.08	0.840	* 0.000	1.00	1.806	1.52	91.1	0.0	51.4
176.0		1.00	1.16	34.179	37.59	211.50	0.671	* 0.000	1.00	1.792	1.20	72.3	0.0	51.0
178.0		1.00	1.16	34.289	37.71	208.33	0.674	* 0.000	2.00	3.539	2.38	143.8	0.0	100.7
180.0		1.00	1.16	34.399	37.83	205.14	0.677	* 0.000	2.00	3.479	2.36	142.7	0.0	99.0
182.0		1.00	1.17	34.508	37.95	201.94	0.681	* 0.000	2.00	3.420	2.33	141.5	0.0	97.3
183.0	Appertunance(s)	1.00	1.17	34.562	38.01	200.33	0.684	* 0.000	1.00	1.688	1.15	70.2	0.0	48.0

* = Cf Adjusted By Linear Load Ra Effect

Totals: 183.00 27,378.3 0.0 42,241.4

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 32 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

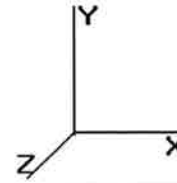
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	Thales PCS VP/360/2	2	23.890	26.279	0.50	1.00	0.03	0.000	0.250	1.26	0.00	0.32	0.72
126.0	Flat Platform w/ Han	1	31.066	34.173	0.90	1.00	38.16	0.000	0.000	2,086.43	0.00	0.00	2,400.00
126.0	RFS FD9R6004/1C-3L	6	31.066	34.173	0.50	0.75	0.83	0.000	0.000	45.52	0.00	0.00	22.32
126.0	Antel BXA-80063/6CF	3	31.066	34.173	0.75	0.75	13.06	0.000	0.000	714.14	0.00	0.00	53.64
126.0	Antel BXA-171063-12B	3	31.066	34.173	0.88	0.75	9.37	0.000	0.000	512.06	0.00	0.00	54.00
126.0	Alcatel-Lucent RRH2x	3	31.066	34.173	0.50	0.75	2.43	0.000	0.000	132.86	0.00	0.00	158.40
126.0	RFS DB-T1-6Z-8AB-0Z	1	31.066	34.173	0.67	0.75	2.41	0.000	0.000	131.88	0.00	0.00	52.80
126.0	Antel BXA-70040/6CF	3	31.066	34.173	0.70	0.75	22.44	0.000	0.000	1,227.14	0.00	0.00	135.00
126.0	Rymsa MG D3-800	3	31.066	34.173	0.82	0.75	6.37	0.000	0.000	348.03	0.00	0.00	55.44
145.0	Andrew	3	32.338	35.572	0.50	1.00	0.70	0.000	0.000	40.12	0.00	0.00	39.60
145.0	Andrew	3	32.338	35.572	0.50	1.00	1.14	0.000	0.000	64.88	0.00	0.00	39.60
145.0	RFS APX16DWV-	3	32.338	35.572	0.66	1.00	14.30	0.000	0.000	813.63	0.00	0.00	146.52
145.0	Flush Mounts	1	32.338	35.572	0.67	1.00	2.35	0.000	0.000	133.47	0.00	0.00	240.00
167.0	LGP Allgon LGP21903	6	33.554	36.910	0.50	0.75	0.61	0.000	-2.000	35.88	0.00	-71.75	39.60
167.0	Allgon 7770.00	6	33.554	36.910	0.77	0.75	19.09	0.000	-2.000	1,127.49	0.00	-2,254.98	252.00
167.0	Powerwave LGP21401	6	33.554	36.910	0.50	0.75	2.48	0.000	-2.000	146.16	0.00	-292.32	101.52
167.0	Flat Platform w/ Han	1	33.670	37.037	0.90	1.00	38.16	0.000	0.000	2,261.31	0.00	0.00	2,400.00
167.0	KMW AM-X-CD-14-65-	2	33.670	37.037	0.78	0.75	5.84	0.000	0.000	345.97	0.00	0.00	87.36
167.0	Ericsson RRUS 11	6	33.670	37.037	0.50	0.75	5.78	0.000	0.000	342.66	0.00	0.00	316.80
167.0	Raycap DC6-48-60-18-	1	33.670	37.037	0.50	0.75	0.48	0.000	0.000	28.44	0.00	0.00	38.16
167.0	Kathrein 800 10764	1	33.670	37.037	0.79	0.75	3.48	0.000	0.000	206.10	0.00	0.00	48.96
175.0	RFS APXV18-206517S-	3	34.123	37.535	0.80	1.00	12.41	0.000	0.000	745.18	0.00	0.00	95.04
175.0	Flush Mounts	1	34.123	37.535	0.67	1.00	2.35	0.000	0.000	140.83	0.00	0.00	240.00
183.0	DragonWave A-ANT-	2	34.669	38.136	0.67	0.75	4.71	0.000	2.000	287.60	0.00	575.21	65.04
183.0	NextNet BTS-2500	3	34.669	38.136	0.50	0.75	2.05	0.000	2.000	124.93	0.00	249.87	126.00
183.0	Argus LLPX310R	3	34.669	38.136	0.73	0.75	7.05	0.000	2.000	429.95	0.00	859.90	102.96
183.0	DragonWave Horizon	2	34.562	38.018	0.50	0.75	0.63	0.000	0.000	38.32	0.00	0.00	25.44
183.0	Andrew DB844H90E-	6	34.669	38.136	0.92	0.75	14.95	0.000	2.000	911.93	0.00	1,823.86	100.80
183.0	Flat Platform w/ Han	1	34.562	38.018	0.90	1.00	38.16	0.000	0.000	2,321.21	0.00	0.00	2,400.00
183.0	Andrew	3	34.669	38.136	0.86	0.75	10.27	0.000	2.000	626.95	0.00	1,253.89	57.60
										16,372.35			9,895.32

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

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

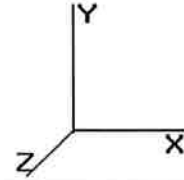
Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.122	1.066	0.00	0.00
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.122	1.066	0.00	0.00
2.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	20.599	0.122	1.066	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.123	1.069	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.123	1.069	0.00	0.00
4.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	20.599	0.123	1.069	0.00	0.00
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.168	1.204	0.00	0.54
6.00	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	20.599	0.168	1.204	0.00	18.19
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.168	1.204	0.00	0.32
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	20.599	0.168	1.204	0.00	5.90
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.168	1.204	0.00	0.00
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.168	1.204	0.00	0.00
6.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	20.599	0.168	1.204	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.168	1.204	0.00	5.90
8.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.214	0.000	0.00	1.08
8.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.214	0.000	17.26	36.38
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.214	0.000	0.00	0.65
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.214	0.000	13.78	11.81
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.214	0.000	18.13	0.00
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.214	0.000	18.13	0.00
8.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.214	0.000	7.25	0.00
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.214	0.000	0.00	11.81
10.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.215	0.000	0.00	1.08
10.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.215	0.000	17.26	36.38
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.215	0.000	0.00	0.65
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.215	0.000	13.78	11.81
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.215	0.000	18.13	0.00
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.215	0.000	18.13	0.00
10.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.215	0.000	7.25	0.00
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.215	0.000	0.00	11.81
12.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.217	0.000	0.00	1.08
12.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.217	0.000	17.26	36.38
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.217	0.000	0.00	0.65
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.217	0.000	13.78	11.81
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.217	0.000	18.13	0.00
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.217	0.000	18.13	0.00
12.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.217	0.000	7.25	0.00
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.217	0.000	0.00	11.81
14.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.218	0.000	0.00	1.08
14.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.218	0.000	17.26	36.38
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.218	0.000	0.00	0.65
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.218	0.000	13.78	11.81
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.218	0.000	18.13	0.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.218	0.000	18.13	0.00
14.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.218	0.000	7.25	0.00
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.218	0.000	0.00	11.81
16.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.220	0.000	0.00	1.08
16.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.220	0.000	17.26	36.38
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.220	0.000	0.00	0.65
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.220	0.000	13.78	11.81
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.220	0.000	18.13	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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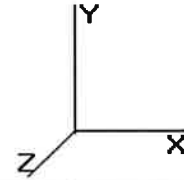
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Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.220	0.000	18.13	0.00
16.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.220	0.000	7.25	0.00
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.220	0.000	0.00	11.81
18.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.222	0.000	0.00	1.08
18.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.222	0.000	17.26	36.38
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.222	0.000	0.00	0.65
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.222	0.000	13.78	11.81
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.222	0.000	18.13	0.00
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.222	0.000	18.13	0.00
18.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.222	0.000	7.25	0.00
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.222	0.000	0.00	11.81
20.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.224	0.000	0.00	1.08
20.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.224	0.000	17.26	36.38
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.224	0.000	0.00	0.65
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.224	0.000	13.78	11.81
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.224	0.000	18.13	0.00
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.224	0.000	18.13	0.00
20.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.224	0.000	7.25	0.00
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.224	0.000	0.00	11.81
22.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.225	0.000	0.00	1.08
22.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.225	0.000	17.26	36.38
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.225	0.000	0.00	0.65
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.225	0.000	13.78	11.81
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.225	0.000	18.13	0.00
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.225	0.000	18.13	0.00
22.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.225	0.000	7.25	0.00
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.225	0.000	0.00	11.81
24.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.227	0.000	0.00	1.08
24.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.227	0.000	17.26	36.38
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.227	0.000	0.00	0.65
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.227	0.000	13.78	11.81
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.227	0.000	18.13	0.00
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.227	0.000	18.13	0.00
24.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.227	0.000	7.25	0.00
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.227	0.000	0.00	11.81
26.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.229	0.000	0.00	1.08
26.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.229	0.000	17.26	36.38
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.229	0.000	0.00	0.65
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.229	0.000	13.78	11.81
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.229	0.000	18.13	0.00
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.229	0.000	18.13	0.00
26.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.229	0.000	7.25	0.00
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.229	0.000	0.00	11.81
28.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.231	0.000	0.00	1.08
28.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.231	0.000	17.26	36.38
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.231	0.000	0.00	0.65
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.231	0.000	13.78	11.81
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.231	0.000	18.13	0.00
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.231	0.000	18.13	0.00
28.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.231	0.000	7.25	0.00
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.231	0.000	0.00	11.81
28.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.232	0.000	0.00	0.27
28.50	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	20.599	0.232	0.000	4.31	9.10
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.232	0.000	0.00	0.16
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	20.599	0.232	0.000	3.44	2.95
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.232	0.000	4.53	0.00
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.232	0.000	4.53	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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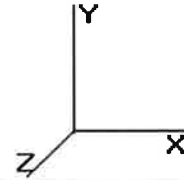
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Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

28.50	(1) Brackets	Yes	0.50	1.200	1.00	0.04	0.05	20.599	0.232	0.000	1.81	0.00
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.232	0.000	0.00	2.95
30.00	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.233	0.000	0.00	0.81
30.00	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	20.616	0.233	0.000	12.95	27.29
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.233	0.000	0.00	0.49
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	20.616	0.233	0.000	10.34	8.85
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.233	0.000	13.61	0.00
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.233	0.000	13.61	0.00
30.00	(1) Brackets	Yes	1.50	1.200	1.00	0.13	0.15	20.616	0.233	0.000	5.44	0.00
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.233	0.000	0.00	8.85
32.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.234	0.000	0.00	1.08
32.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.000	0.234	0.000	17.59	36.38
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.234	0.000	0.00	0.65
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.000	0.234	0.000	14.04	11.81
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.234	0.000	18.48	0.00
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.234	0.000	18.48	0.00
32.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	21.000	0.234	0.000	7.39	0.00
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.234	0.000	0.00	11.81
34.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.236	0.000	0.00	1.08
34.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.367	0.236	0.000	17.90	36.38
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.236	0.000	0.00	0.65
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.367	0.236	0.000	14.29	11.81
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.236	0.000	18.80	0.00
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.236	0.000	18.80	0.00
34.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	21.367	0.236	0.000	7.52	0.00
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.236	0.000	0.00	11.81
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.238	0.000	0.00	0.54
35.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.545	0.238	0.000	9.02	18.19
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.238	0.000	0.00	0.32
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.545	0.238	0.000	7.20	5.90
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.238	0.000	9.48	0.00
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.238	0.000	9.48	0.00
35.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	21.545	0.238	0.000	3.79	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.238	0.000	0.00	5.90
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.233	0.000	0.00	0.54
36.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.719	0.233	0.000	9.10	18.19
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.233	0.000	0.00	0.32
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.719	0.233	0.000	7.26	5.90
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.233	0.000	9.56	0.00
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.233	0.000	9.56	0.00
36.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	21.719	0.233	0.000	3.82	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.233	0.000	0.00	5.90
38.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.235	0.000	0.00	1.08
38.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.057	0.235	0.000	18.48	36.38
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.235	0.000	0.00	0.65
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.057	0.235	0.000	14.75	11.81
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.235	0.000	19.41	0.00
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.235	0.000	19.41	0.00
38.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	22.057	0.235	0.000	7.76	0.00
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.235	0.000	0.00	11.81
40.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.237	0.000	0.00	1.08
40.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.383	0.237	0.000	18.75	36.38
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.237	0.000	0.00	0.65
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.383	0.237	0.000	14.97	11.81
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.237	0.000	19.70	0.00
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.237	0.000	19.70	0.00
40.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	22.383	0.237	0.000	7.88	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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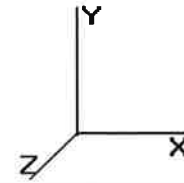
Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.237	0.000	0.00	11.81
42.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.238	0.000	0.00	1.08
42.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.697	0.238	0.000	19.01	36.38
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.238	0.000	0.00	0.65
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.697	0.238	0.000	15.18	11.81
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.238	0.000	19.97	0.00
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.238	0.000	19.97	0.00
42.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	22.697	0.238	0.000	7.99	0.00
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.238	0.000	0.00	11.81
44.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.240	0.000	0.00	1.08
44.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.000	0.240	0.000	19.27	36.38
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.240	0.000	0.00	0.65
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.000	0.240	0.000	15.38	11.81
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.240	0.000	20.24	0.00
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.240	0.000	20.24	0.00
44.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.000	0.240	0.000	8.10	0.00
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.240	0.000	0.00	11.81
46.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.242	0.000	0.00	1.08
46.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.294	0.242	0.000	19.52	36.38
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.242	0.000	0.00	0.65
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.294	0.242	0.000	15.58	11.81
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.242	0.000	20.50	0.00
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.242	0.000	20.50	0.00
46.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.294	0.242	0.000	8.20	0.00
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.242	0.000	0.00	11.81
48.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.245	0.000	0.00	1.08
48.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.579	0.245	0.000	19.75	36.38
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.245	0.000	0.00	0.65
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.579	0.245	0.000	15.77	11.81
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.245	0.000	20.75	0.00
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.245	0.000	20.75	0.00
48.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.579	0.245	0.000	8.30	0.00
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.245	0.000	0.00	11.81
50.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.247	0.000	0.00	1.08
50.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.856	0.247	0.000	19.99	36.38
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.247	0.000	0.00	0.65
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.856	0.247	0.000	15.95	11.81
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.247	0.000	20.99	0.00
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.247	0.000	20.99	0.00
50.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.856	0.247	0.000	8.40	0.00
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.247	0.000	0.00	11.81
52.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.249	0.000	0.00	1.08
52.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.125	0.249	0.000	20.21	36.38
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.249	0.000	0.00	0.65
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.125	0.249	0.000	16.13	11.81
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.249	0.000	21.23	0.00
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.249	0.000	21.23	0.00
52.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	24.125	0.249	0.000	8.49	0.00
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.249	0.000	0.00	11.81
54.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.251	0.000	0.00	1.08
54.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.386	0.251	0.000	20.43	36.38
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.251	0.000	0.00	0.65
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.386	0.251	0.000	16.31	11.81
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.251	0.000	21.46	0.00
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.251	0.000	21.46	0.00
54.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	24.386	0.251	0.000	8.58	0.00
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.251	0.000	0.00	11.81

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

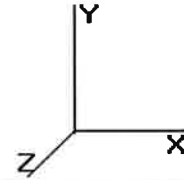
Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

56.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.253	0.000	0.00	1.08
56.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.641	0.253	0.000	20.64	36.38
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.253	0.000	0.00	0.65
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.641	0.253	0.000	16.48	11.81
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.641	0.253	0.000	21.68	0.00
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.641	0.253	0.000	21.68	0.00
56.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	24.641	0.253	0.000	8.67	0.00
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.253	0.000	0.00	11.81
58.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.255	0.000	0.00	1.08
58.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.889	0.255	0.000	20.85	36.38
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.255	0.000	0.00	0.65
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.889	0.255	0.000	16.65	11.81
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.889	0.255	0.000	21.90	0.00
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.889	0.255	0.000	21.90	0.00
58.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	24.889	0.255	0.000	8.76	0.00
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.255	0.000	0.00	11.81
60.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.258	0.000	0.00	1.08
60.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.132	0.258	0.000	21.05	36.38
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.258	0.000	0.00	0.65
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.132	0.258	0.000	16.81	11.81
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.132	0.258	0.000	22.12	0.00
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.132	0.258	0.000	22.12	0.00
60.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	25.132	0.258	0.000	8.85	0.00
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.258	0.000	0.00	11.81
62.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.260	0.000	0.00	1.08
62.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.368	0.260	0.000	21.25	36.38
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.260	0.000	0.00	0.65
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.368	0.260	0.000	16.97	11.81
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.368	0.260	0.000	22.32	0.00
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.368	0.260	0.000	22.32	0.00
62.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	25.368	0.260	0.000	8.93	0.00
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.260	0.000	0.00	11.81
63.50	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.262	0.000	0.00	0.81
63.50	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	25.542	0.262	0.000	16.05	27.29
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.262	0.000	0.00	0.49
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	25.542	0.262	0.000	12.81	8.85
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	25.542	0.262	0.000	16.86	0.00
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	25.542	0.262	0.000	16.86	0.00
63.50	(1) Brackets	Yes	1.50	1.200	1.00	0.13	0.15	25.542	0.262	0.000	6.74	0.00
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.262	0.000	0.00	8.85
64.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.258	0.000	0.00	0.27
64.00	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	25.599	0.258	0.000	5.36	9.10
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.258	0.000	0.00	0.16
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	25.599	0.258	0.000	4.28	2.95
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	25.599	0.258	0.000	5.63	0.00
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	25.599	0.258	0.000	5.63	0.00
64.00	(1) Brackets	Yes	0.50	1.200	1.00	0.04	0.05	25.599	0.258	0.000	2.25	0.00
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.258	0.000	0.00	2.95
66.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.260	0.000	0.00	1.08
66.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.825	0.260	0.000	21.64	36.38
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.260	0.000	0.00	0.65
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.825	0.260	0.000	17.27	11.81
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.825	0.260	0.000	22.73	0.00
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.825	0.260	0.000	22.73	0.00
66.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	25.825	0.260	0.000	9.09	0.00
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.260	0.000	0.00	11.81
68.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.262	0.000	0.00	1.08

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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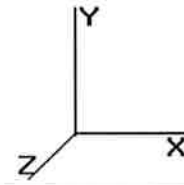
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Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

68.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.047	0.262	0.000	21.82	36.38
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.262	0.000	0.00	0.65
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.047	0.262	0.000	17.42	11.81
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.262	0.000	22.92	0.00
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.262	0.000	22.92	0.00
68.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.047	0.262	0.000	9.17	0.00
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.262	0.000	0.00	11.81
70.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.264	0.000	0.00	1.08
70.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.263	0.264	0.000	22.00	36.38
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.264	0.000	0.00	0.65
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.263	0.264	0.000	17.56	11.81
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.264	0.000	23.11	0.00
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.264	0.000	23.11	0.00
70.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.263	0.264	0.000	9.24	0.00
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.264	0.000	0.00	11.81
72.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.267	0.000	0.00	1.08
72.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.476	0.267	0.000	22.18	36.38
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.267	0.000	0.00	0.65
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.476	0.267	0.000	17.71	11.81
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.267	0.000	23.30	0.00
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.267	0.000	23.30	0.00
72.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.476	0.267	0.000	9.32	0.00
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.267	0.000	0.00	11.81
74.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.269	0.000	0.00	1.08
74.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.684	0.269	0.000	22.35	36.38
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.269	0.000	0.00	0.65
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.684	0.269	0.000	17.85	11.81
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.269	0.000	23.48	0.00
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.269	0.000	23.48	0.00
74.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.684	0.269	0.000	9.39	0.00
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.269	0.000	0.00	11.81
76.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.272	0.000	0.00	1.08
76.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.888	0.272	0.000	22.53	36.38
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.272	0.000	0.00	0.65
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.888	0.272	0.000	17.98	11.81
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.272	0.000	23.66	0.00
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.272	0.000	23.66	0.00
76.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.888	0.272	0.000	9.46	0.00
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.272	0.000	0.00	11.81
78.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.274	0.000	0.00	1.08
78.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.088	0.274	0.000	22.69	36.38
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.274	0.000	0.00	0.65
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.088	0.274	0.000	18.12	11.81
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.274	0.000	23.84	0.00
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.274	0.000	23.84	0.00
78.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.088	0.274	0.000	9.53	0.00
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.274	0.000	0.00	11.81
80.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.277	0.000	0.00	1.08
80.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.285	0.277	0.000	22.86	36.38
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.277	0.000	0.00	0.65
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.285	0.277	0.000	18.25	11.81
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.277	0.000	24.01	0.00
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.277	0.000	24.01	0.00
80.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.285	0.277	0.000	9.60	0.00
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.277	0.000	0.00	11.81
82.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.280	0.000	0.00	1.08
82.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.478	0.280	0.000	23.02	36.38

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

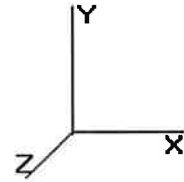
Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.280	0.000	0.00	0.65
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.478	0.280	0.000	18.38	11.81
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.280	0.000	24.18	0.00
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.280	0.000	24.18	0.00
82.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.478	0.280	0.000	9.67	0.00
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.280	0.000	0.00	11.81
84.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.282	0.000	0.00	1.08
84.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.668	0.282	0.000	23.18	36.38
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.282	0.000	0.00	0.65
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.668	0.282	0.000	18.50	11.81
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.282	0.000	24.35	0.00
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.282	0.000	24.35	0.00
84.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.668	0.282	0.000	9.74	0.00
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.282	0.000	0.00	11.81
86.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.285	0.000	0.00	1.08
86.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.854	0.285	0.000	23.34	36.38
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.285	0.000	0.00	0.65
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.854	0.285	0.000	18.63	11.81
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.285	0.000	24.51	0.00
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.285	0.000	24.51	0.00
86.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.854	0.285	0.000	9.80	0.00
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.285	0.000	0.00	11.81
88.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.288	0.000	0.00	1.08
88.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.038	0.288	0.000	23.49	36.38
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.288	0.000	0.00	0.65
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.038	0.288	0.000	18.75	11.81
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.288	0.000	24.67	0.00
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.288	0.000	24.67	0.00
88.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.038	0.288	0.000	9.87	0.00
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.288	0.000	0.00	11.81
90.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.291	0.000	0.00	1.08
90.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.219	0.291	0.000	23.64	36.38
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.291	0.000	0.00	0.65
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.219	0.291	0.000	18.87	11.81
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.291	0.000	24.83	0.00
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.291	0.000	24.83	0.00
90.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.219	0.291	0.000	9.93	0.00
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.291	0.000	0.00	11.81
92.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.294	0.000	0.00	1.08
92.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.396	0.294	0.000	23.79	36.38
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.294	0.000	0.00	0.65
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.396	0.294	0.000	18.99	11.81
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.294	0.000	24.99	0.00
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.294	0.000	24.99	0.00
92.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.396	0.294	0.000	10.00	0.00
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.294	0.000	0.00	11.81
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.296	0.000	0.00	0.54
93.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.484	0.296	0.000	11.93	18.19
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.296	0.000	0.00	0.32
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.484	0.296	0.000	9.53	5.90
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.296	0.000	12.53	0.00
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.296	0.000	12.53	0.00
93.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	28.484	0.296	0.000	5.01	0.00
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.296	0.000	0.00	5.90
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.292	0.000	0.00	0.54
94.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.571	0.292	0.000	11.97	18.19
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.292	0.000	0.00	0.32

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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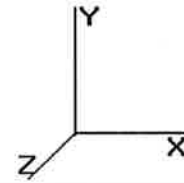
Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.571	0.292	0.000	9.55	5.90
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.292	0.000	12.57	0.00
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.292	0.000	12.57	0.00
94.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	28.571	0.292	0.000	5.03	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.292	0.000	0.00	5.90
96.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.294	0.000	0.00	1.08
96.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.744	0.294	0.000	24.08	36.38
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.294	0.000	0.00	0.65
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.744	0.294	0.000	19.22	11.81
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.294	0.000	25.29	0.00
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.294	0.000	25.29	0.00
96.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.744	0.294	0.000	10.12	0.00
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.294	0.000	0.00	11.81
98.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.298	0.000	0.00	1.08
98.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.913	0.298	0.000	24.22	36.38
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.298	0.000	0.00	0.65
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.913	0.298	0.000	19.34	11.81
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.298	0.000	25.44	0.00
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.298	0.000	25.44	0.00
98.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.913	0.298	0.000	10.18	0.00
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.298	0.000	0.00	11.81
100.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.301	0.000	0.00	1.08
100.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.081	0.301	0.000	24.36	36.38
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.301	0.000	0.00	0.65
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.081	0.301	0.000	19.45	11.81
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.301	0.000	25.59	0.00
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.301	0.000	25.59	0.00
100.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.081	0.301	0.000	10.24	0.00
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.301	0.000	0.00	11.81
102.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.304	0.000	0.00	1.08
102.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.246	0.304	0.000	24.50	36.38
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.304	0.000	0.00	0.65
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.246	0.304	0.000	19.56	11.81
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.304	0.000	25.74	0.00
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.304	0.000	25.74	0.00
102.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.246	0.304	0.000	10.29	0.00
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.304	0.000	0.00	11.81
104.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.307	0.000	0.00	1.08
104.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.409	0.307	0.000	24.64	36.38
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.307	0.000	0.00	0.65
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.409	0.307	0.000	19.67	11.81
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.307	0.000	25.88	0.00
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.307	0.000	25.88	0.00
104.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.409	0.307	0.000	10.35	0.00
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.307	0.000	0.00	11.81
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.309	0.000	0.00	0.54
105.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.489	0.309	0.000	12.35	18.19
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.309	0.000	0.00	0.32
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.489	0.309	0.000	9.86	5.90
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.309	0.000	12.98	0.00
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.309	0.000	12.98	0.00
105.0	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	29.489	0.309	0.000	5.19	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.309	0.000	0.00	5.90
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.311	0.000	0.00	0.54
106.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.569	0.311	0.000	12.39	18.19
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.311	0.000	0.00	0.32
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.569	0.311	0.000	9.89	5.90

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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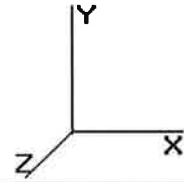
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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 32 Iterations
Gust Response Factor: 1.10 **Wind Importance Factor:** 1.00
Dead Load Factor: 1.20
Wind Load Factor: 1.60

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.311	0.000	13.01	0.00
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.311	0.000	13.01	0.00
106.0	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	29.569	0.311	0.000	5.20	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.311	0.000	0.00	5.90
108.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.314	0.000	0.00	1.08
108.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.727	0.314	0.000	24.90	36.38
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.314	0.000	0.00	0.65
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.727	0.314	0.000	19.88	11.81
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.314	0.000	26.16	0.00
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.314	0.000	26.16	0.00
108.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.727	0.314	0.000	10.46	0.00
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.314	0.000	0.00	11.81
110.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.317	0.000	0.00	1.08
110.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.884	0.317	0.000	25.04	36.38
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.317	0.000	0.00	0.65
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.884	0.317	0.000	19.99	11.81
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.317	0.000	26.30	0.00
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.317	0.000	26.30	0.00
110.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.884	0.317	0.000	10.52	0.00
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.317	0.000	0.00	11.81
112.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	1.08
112.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.038	0.193	1.278	0.00	36.38
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.65
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	11.81
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	11.81
114.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	1.08
114.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.190	0.195	1.285	0.00	36.38
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.65
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	11.81
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	11.81
116.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	1.08
116.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.341	0.197	1.291	0.00	36.38
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.65
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	11.81
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	11.81
116.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.27
116.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	30.378	0.198	1.295	0.00	9.10
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.16
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.95
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.95
118.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.81
118.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	30.489	0.200	1.299	0.00	27.29
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.49
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	8.85
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	8.85
120.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	1.08
120.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.636	0.202	0.000	25.67	36.38
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.65
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	11.81
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	11.81
121.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.54
121.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.709	0.203	0.000	12.86	18.19
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.32
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	5.90
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	5.90
122.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.54
122.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.781	0.201	0.000	12.89	18.19

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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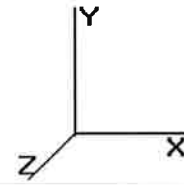
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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 32 Iterations
Gust Response Factor: 1.10 **Wind Importance Factor:** 1.00
Dead Load Factor: 1.20
Wind Load Factor: 1.60

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.32
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	5.90
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	5.90
124.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	1.08
124.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.924	0.203	0.000	25.91	36.38
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.65
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	11.81
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	11.81
126.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	1.08
126.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.066	0.205	0.000	26.03	36.38
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.65
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	11.81
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	11.81
128.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	1.08
128.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.206	0.208	0.000	26.14	36.38
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.65
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	11.81
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	11.81
130.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	1.08
130.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.345	0.210	0.000	26.26	36.38
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.65
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	11.81
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	11.81
132.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	1.08
132.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.482	0.213	0.000	26.37	36.38
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.65
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	11.81
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	11.81
134.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	1.08
134.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.617	0.216	0.000	26.49	36.38
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.65
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	11.81
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	11.81
136.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	1.08
136.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.751	0.218	0.000	26.60	36.38
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.65
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	11.81
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	11.81
138.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	1.08
138.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.884	0.221	0.000	26.71	36.38
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.65
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	11.81
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	11.81
140.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.015	0.224	0.000	0.00	1.08
140.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.015	0.224	0.000	26.82	36.38
140.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.015	0.224	0.000	0.00	0.65
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.015	0.224	0.000	21.41	11.81
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.015	0.224	0.000	21.41	11.81
142.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	1.08
142.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.145	0.227	0.000	26.93	36.38
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.65
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	11.81
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	11.81
144.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	1.08
144.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.274	0.230	0.000	27.04	36.38
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.65
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	11.81

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

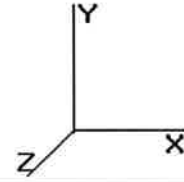
Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	11.81
145.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.54
145.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	32.338	0.232	0.000	13.55	18.19
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.32
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	5.90
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	5.90
146.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.54
146.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.402	0.162	1.186	0.00	18.19
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.32
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.402	0.162	1.186	0.00	5.90
148.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	1.08
148.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.528	0.163	1.190	0.00	36.38
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.65
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.528	0.163	1.190	0.00	11.81
149.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.54
149.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.590	0.165	1.195	0.00	18.19
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.32
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.590	0.165	1.195	0.00	5.90
150.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.54
150.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.653	0.166	1.199	0.00	18.19
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.32
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.653	0.166	1.199	0.00	5.90
152.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	1.08
152.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.777	0.168	1.204	0.00	36.38
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.65
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.777	0.168	1.204	0.00	11.81
152.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.27
152.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	32.807	0.170	1.209	0.00	9.10
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.16
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	32.807	0.170	1.209	0.00	2.95
154.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.81
154.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	32.899	0.168	1.205	0.00	27.29
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.49
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	32.899	0.168	1.205	0.00	8.85
156.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	1.08
156.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.021	0.170	1.211	0.00	36.38
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.65
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.021	0.170	1.211	0.00	11.81
158.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	1.08
158.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.141	0.173	1.218	0.00	36.38
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.65
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.141	0.173	1.218	0.00	11.81
160.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	1.08
160.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.260	0.175	1.226	0.00	36.38
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.65
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.260	0.175	1.226	0.00	11.81
162.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	1.08
162.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.379	0.178	1.233	0.00	36.38
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.65
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.379	0.178	1.233	0.00	11.81
164.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	1.08
164.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.496	0.180	1.241	0.00	36.38
164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.65
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.496	0.180	1.241	0.00	11.81
166.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	1.08
166.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.612	0.183	1.250	0.00	36.38
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.65

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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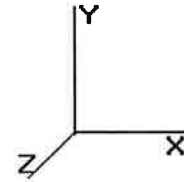
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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 32 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.612	0.183	1.250	0.00	11.81
167.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.54
167.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.670	0.185	1.256	0.00	18.19
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.32
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.670	0.185	1.256	0.00	5.90
168.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.54
168.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.727	0.187	1.260	0.00	18.19
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.32
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.727	0.187	1.260	0.00	5.90
170.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	1.08
170.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.842	0.189	1.267	0.00	36.38
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.65
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.842	0.189	1.267	0.00	11.81
172.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	1.08
172.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.955	0.192	1.276	0.00	36.38
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.65
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.955	0.192	1.276	0.00	11.81
174.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	1.08
174.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.067	0.195	1.285	0.00	36.38
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.65
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	34.067	0.195	1.285	0.00	11.81
175.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.54
175.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.123	0.197	1.292	0.00	18.19
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.32
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	34.123	0.197	1.292	0.00	5.90
176.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.54
176.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.179	0.111	1.032	0.00	18.19
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.32
178.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	1.08
178.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.289	0.112	1.036	0.00	36.38
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.65
180.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	1.08
180.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.399	0.114	1.042	0.00	36.38
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.65
182.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	1.08
182.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.508	0.116	1.048	0.00	36.38
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.65
183.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.54
183.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.562	0.118	1.053	0.00	18.19
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.32
Totals:											5,590.99	5,221.99

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

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

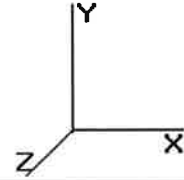
Wind Importance Factor : 1.00

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
2.00	205.94	754.97	0.00	0.00
4.00	204.96	750.43	0.00	0.00
6.00	229.20	836.68	0.00	0.00
8.00	423.50	922.93	0.00	0.00
10.00	420.92	918.40	0.00	0.00
12.00	418.35	913.87	0.00	0.00
14.00	415.77	909.33	0.00	0.00
16.00	413.19	904.80	0.00	0.00
18.00	410.62	900.26	0.00	0.00
20.00	408.04	895.73	0.00	0.00
22.00	405.47	891.20	0.00	0.00
24.00	402.89	886.66	0.00	0.00
26.00	400.32	882.13	0.00	0.00
28.00	397.74	877.59	0.00	0.00
28.50	99.03	218.69	0.00	0.00
30.00	301.91	1,082.09	0.00	0.00
32.00	407.74	1,434.85	0.00	0.00
34.00	412.19	1,425.78	0.00	0.00
35.00	206.80	709.49	0.00	0.00
36.00	207.79	435.64	0.00	0.00
38.00	419.98	867.89	0.00	0.00
40.00	423.39	863.35	0.00	0.00
42.00	426.49	858.82	0.00	0.00
44.00	429.32	854.28	0.00	0.00
46.00	431.90	849.75	0.00	0.00
48.00	434.23	845.22	0.00	0.00
50.00	437.60	841.40	0.00	0.32
52.00	438.24	836.15	0.00	0.00
54.00	439.95	831.61	0.00	0.00
56.00	441.46	827.08	0.00	0.00
58.00	442.80	822.55	0.00	0.00
60.00	450.70	1,203.65	0.00	0.00
62.00	451.77	1,195.72	0.00	0.00
63.50	339.05	891.58	0.00	0.00
64.00	112.87	173.18	0.00	0.00
66.00	453.45	690.61	0.00	0.00
68.00	454.08	687.20	0.00	0.00
70.00	454.57	683.80	0.00	0.00
72.00	454.94	680.40	0.00	0.00
74.00	455.18	677.00	0.00	0.00
76.00	455.30	673.60	0.00	0.00
78.00	455.30	670.20	0.00	0.00
80.00	455.19	666.80	0.00	0.00
82.00	454.98	663.40	0.00	0.00
84.00	454.66	660.00	0.00	0.00
86.00	454.25	656.60	0.00	0.00
88.00	453.74	653.20	0.00	0.00
90.00	459.43	934.23	0.00	0.00
92.00	458.78	928.00	0.00	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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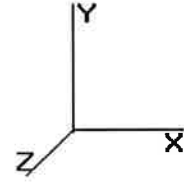
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Load Case: 1.2D + 1.6W	110.00 mph with No Ice	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

93.00	228.76	461.66	0.00	0.00
94.00	228.57	296.61	0.00	0.00
96.00	457.20	591.10	0.00	0.00
98.00	456.29	588.26	0.00	0.00
100.0	455.29	585.43	0.00	0.00
102.0	454.22	582.60	0.00	0.00
104.0	453.07	579.76	0.00	0.00
105.0	225.77	288.82	0.00	0.00
106.0	225.46	221.31	0.00	0.00
108.0	450.55	440.49	0.00	0.00
110.0	449.18	437.66	0.00	0.00
112.0	234.74	434.83	0.00	0.00
114.0	234.50	431.99	0.00	0.00
116.0	234.23	429.16	0.00	0.00
116.5	58.40	106.85	0.00	0.00
118.0	178.19	468.86	0.00	0.00
120.0	402.59	620.68	0.00	0.00
121.0	200.33	308.43	0.00	0.00
122.0	199.84	187.96	0.00	0.00
124.0	398.65	374.22	0.00	0.00
126.0	5,594.65	3,303.55	0.00	0.00
128.0	394.48	342.21	0.00	0.00
130.0	392.31	339.94	0.00	0.00
132.0	390.09	337.67	0.00	0.00
134.0	387.81	335.41	0.00	0.00
136.0	385.49	333.14	0.00	0.00
138.0	383.11	330.87	0.00	0.00
140.0	380.69	328.61	0.00	0.00
142.0	378.21	326.34	0.00	0.00
144.0	375.69	324.07	0.00	0.00
145.0	1,238.81	626.91	0.00	0.00
146.0	96.85	148.81	0.00	0.00
148.0	193.29	295.93	0.00	0.00
149.0	96.25	147.11	0.00	0.00
150.0	97.47	208.59	0.00	0.00
152.0	194.52	414.20	0.00	0.00
152.5	48.44	102.93	0.00	0.00
154.0	144.22	188.53	0.00	0.00
156.0	191.63	249.89	0.00	0.00
158.0	190.76	248.19	0.00	0.00
160.0	189.87	246.49	0.00	0.00
162.0	188.96	244.79	0.00	0.00
164.0	188.04	243.09	0.00	0.00
166.0	187.10	241.39	0.00	0.00
167.0	4,587.14	3,404.46	0.00	-2,619.06
168.0	92.87	91.16	0.00	0.00
170.0	185.17	181.04	0.00	0.00
172.0	184.18	179.34	0.00	0.00
174.0	183.17	177.64	0.00	0.00
175.0	977.14	423.22	0.00	0.00
176.0	72.30	81.85	0.00	0.00
178.0	143.85	162.43	0.00	0.00
180.0	142.68	160.73	0.00	0.00
182.0	141.49	159.03	0.00	0.00
183.0	4,811.13	2,956.72	0.00	4,762.73
Totals:	49,341.64	66,561.76	0.00	2,143.99

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.6W

110.00 mph with No Ice

32 Iterations

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

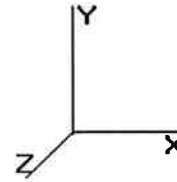
Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-66.51	-49.40	0.00	-5,601.83	0.00	5,601.83	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.983
2.00	-65.67	-49.32	0.00	-5,503.02	0.00	5,503.02	4,332.44	2,166.22	8,482.10	4,247.36	0.02	-0.11	0.977
4.00	-64.83	-49.23	0.00	-5,404.39	0.00	5,404.39	4,300.71	2,150.36	8,357.68	4,185.05	0.09	-0.21	0.972
6.00	-63.90	-49.12	0.00	-5,305.93	0.00	5,305.93	4,268.98	2,134.49	8,234.19	4,123.21	0.20	-0.32	0.966
8.00	-62.89	-48.80	0.00	-5,207.69	0.00	5,207.69	4,237.26	2,118.63	8,111.60	4,061.83	0.36	-0.42	0.960
10.00	-61.89	-48.49	0.00	-5,110.09	0.00	5,110.09	4,205.53	2,102.76	7,989.95	4,000.91	0.56	-0.53	0.954
12.00	-60.89	-48.18	0.00	-5,013.11	0.00	5,013.11	4,173.80	2,086.90	7,869.20	3,940.45	0.80	-0.64	0.948
14.00	-59.89	-47.86	0.00	-4,916.76	0.00	4,916.76	4,142.07	2,071.04	7,749.38	3,880.45	1.09	-0.74	0.942
16.00	-58.91	-47.54	0.00	-4,821.05	0.00	4,821.05	4,110.34	2,055.17	7,630.48	3,820.91	1.43	-0.85	0.935
18.00	-57.93	-47.23	0.00	-4,725.96	0.00	4,725.96	4,078.62	2,039.31	7,512.50	3,761.83	1.81	-0.95	0.929
20.00	-56.95	-46.91	0.00	-4,631.51	0.00	4,631.51	4,046.89	2,023.44	7,395.44	3,703.21	2.23	-1.06	0.922
22.00	-55.98	-46.59	0.00	-4,537.69	0.00	4,537.69	4,015.16	2,007.58	7,279.29	3,645.06	2.70	-1.17	0.915
24.00	-55.02	-46.27	0.00	-4,444.51	0.00	4,444.51	3,983.43	1,991.72	7,164.07	3,587.36	3.21	-1.27	0.908
26.00	-54.06	-45.95	0.00	-4,351.97	0.00	4,351.97	3,951.70	1,975.85	7,049.76	3,530.12	3.77	-1.38	0.901
28.00	-53.14	-45.59	0.00	-4,260.07	0.00	4,260.07	3,919.98	1,959.99	6,936.37	3,473.34	4.37	-1.49	0.894
28.50	-52.88	-45.54	0.00	-4,237.28	0.00	4,237.28	3,912.04	1,956.02	6,908.17	3,459.22	4.53	-1.51	0.892
30.00	-51.73	-45.29	0.00	-4,168.97	0.00	4,168.97	3,888.25	1,944.12	6,823.91	3,417.03	5.02	-1.60	0.877
32.00	-50.23	-44.93	0.00	-4,078.39	0.00	4,078.39	3,856.52	1,928.26	6,712.36	3,361.17	5.71	-1.70	0.869
34.00	-48.75	-44.55	0.00	-3,988.52	0.00	3,988.52	3,824.79	1,912.40	6,601.73	3,305.77	6.44	-1.81	0.861
35.00	-48.01	-44.36	0.00	-3,943.98	0.00	3,943.98	3,899.62	1,949.81	6,864.12	3,437.16	6.83	-1.86	0.835
36.00	-47.52	-44.20	0.00	-3,899.62	0.00	3,899.62	3,883.76	1,941.88	6,808.07	3,409.09	7.22	-1.91	0.831
38.00	-46.59	-43.83	0.00	-3,811.21	0.00	3,811.21	3,852.03	1,926.02	6,696.65	3,353.30	8.05	-2.01	0.823
40.00	-45.67	-43.46	0.00	-3,723.55	0.00	3,723.55	3,820.30	1,910.15	6,586.15	3,297.97	8.91	-2.11	0.815
42.00	-44.75	-43.08	0.00	-3,636.63	0.00	3,636.63	3,788.58	1,894.29	6,476.57	3,243.10	9.82	-2.21	0.807
44.00	-43.84	-42.69	0.00	-3,550.47	0.00	3,550.47	3,756.85	1,878.42	6,367.91	3,188.69	10.76	-2.31	0.799
46.00	-42.94	-42.30	0.00	-3,465.09	0.00	3,465.09	3,725.12	1,862.56	6,260.17	3,134.74	11.75	-2.41	0.791
48.00	-42.04	-41.90	0.00	-3,380.49	0.00	3,380.49	3,693.39	1,846.70	6,153.35	3,081.25	12.79	-2.51	0.782
50.00	-41.15	-41.50	0.00	-3,296.68	0.00	3,296.68	3,661.66	1,830.83	6,047.45	3,028.22	13.86	-2.61	0.773
52.00	-40.26	-41.09	0.00	-3,213.69	0.00	3,213.69	3,629.94	1,814.97	5,942.47	2,975.65	14.97	-2.71	0.765
54.00	-39.38	-40.68	0.00	-3,131.51	0.00	3,131.51	3,598.21	1,799.10	5,838.41	2,923.54	16.13	-2.80	0.756
56.00	-38.51	-40.26	0.00	-3,050.15	0.00	3,050.15	3,566.48	1,783.24	5,735.26	2,871.89	17.32	-2.90	0.747
58.00	-37.64	-39.84	0.00	-2,969.62	0.00	2,969.62	3,534.75	1,767.38	5,633.04	2,820.71	18.56	-3.00	0.738
60.00	-36.40	-39.39	0.00	-2,889.94	0.00	2,889.94	3,503.02	1,751.51	5,531.73	2,769.98	19.84	-3.10	0.721
62.00	-35.17	-38.92	0.00	-2,811.16	0.00	2,811.16	3,471.30	1,735.65	5,431.35	2,719.71	21.15	-3.19	0.711
63.50	-34.27	-38.56	0.00	-2,752.78	0.00	2,752.78	3,158.12	1,579.06	5,037.43	2,522.46	22.17	-3.27	0.694
64.00	-34.06	-38.48	0.00	-2,733.49	0.00	2,733.49	3,152.80	1,576.40	5,017.53	2,512.49	22.51	-3.29	0.691
66.00	-33.32	-38.05	0.00	-2,656.53	0.00	2,656.53	3,131.44	1,565.72	4,938.17	2,472.75	23.91	-3.40	0.680
68.00	-32.59	-37.62	0.00	-2,580.43	0.00	2,580.43	3,109.92	1,554.96	4,859.19	2,433.21	25.36	-3.51	0.668
70.00	-31.87	-37.18	0.00	-2,505.19	0.00	2,505.19	3,081.37	1,540.68	4,769.94	2,388.51	26.85	-3.62	0.658
72.00	-31.15	-36.74	0.00	-2,430.82	0.00	2,430.82	3,052.81	1,526.41	4,681.51	2,344.23	28.39	-3.72	0.647
74.00	-30.44	-36.30	0.00	-2,357.33	0.00	2,357.33	3,024.26	1,512.13	4,593.91	2,300.37	29.97	-3.83	0.637
76.00	-29.73	-35.86	0.00	-2,284.73	0.00	2,284.73	2,995.70	1,497.85	4,507.14	2,256.92	31.60	-3.94	0.626
78.00	-29.03	-35.41	0.00	-2,213.01	0.00	2,213.01	2,967.15	1,483.57	4,421.19	2,213.88	33.27	-4.04	0.615
80.00	-28.33	-34.96	0.00	-2,142.19	0.00	2,142.19	2,938.59	1,469.30	4,336.07	2,171.26	34.99	-4.15	0.604
82.00	-27.64	-34.51	0.00	-2,072.28	0.00	2,072.28	2,910.04	1,455.02	4,251.78	2,129.05	36.74	-4.25	0.593
84.00	-26.96	-34.05	0.00	-2,003.26	0.00	2,003.26	2,881.48	1,440.74	4,168.32	2,087.26	38.55	-4.35	0.582
86.00	-26.28	-33.60	0.00	-1,935.16	0.00	1,935.16	2,852.93	1,426.46	4,085.69	2,045.88	40.39	-4.45	0.570
88.00	-25.61	-33.14	0.00	-1,867.97	0.00	1,867.97	2,824.37	1,412.19	4,003.88	2,004.91	42.28	-4.55	0.559
90.00	-24.66	-32.65	0.00	-1,801.70	0.00	1,801.70	2,795.82	1,397.91	3,922.90	1,964.36	44.20	-4.65	0.540
92.00	-23.73	-32.14	0.00	-1,736.41	0.00	1,736.41	2,767.26	1,383.63	3,842.74	1,924.23	46.17	-4.75	0.528
93.00	-23.26	-31.90	0.00	-1,704.27	0.00	1,704.27	2,292.76	1,146.38	3,238.31	1,621.56	47.17	-4.80	0.582

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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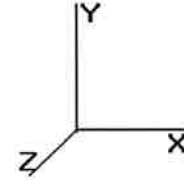
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Load Case: 1.2D + 1.6W 110.00 mph with No Ice 32 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

94.00	-22.94	-31.67	0.00	-1,672.37	0.00	1,672.37	2,284.25	1,142.13	3,209.75	1,607.26	48.18	-4.85	0.574
96.00	-22.34	-31.21	0.00	-1,609.03	0.00	1,609.03	2,267.14	1,133.57	3,152.86	1,578.78	50.23	-4.95	0.559
98.00	-21.74	-30.74	0.00	-1,546.62	0.00	1,546.62	2,249.90	1,124.95	3,096.30	1,550.45	52.32	-5.05	0.544
100.00	-21.14	-30.27	0.00	-1,485.15	0.00	1,485.15	2,232.54	1,116.27	3,040.06	1,522.29	54.46	-5.15	0.529
102.00	-20.56	-29.80	0.00	-1,424.61	0.00	1,424.61	2,215.04	1,107.52	2,984.14	1,494.29	56.63	-5.24	0.513
104.00	-19.98	-29.32	0.00	-1,365.02	0.00	1,365.02	2,197.42	1,098.71	2,928.57	1,466.46	58.84	-5.34	0.498
105.00	-19.69	-29.08	0.00	-1,335.70	0.00	1,335.70	2,188.56	1,094.28	2,900.91	1,452.61	59.97	-5.38	0.490
105.00	-19.69	-29.08	0.00	-1,335.70	0.00	1,335.70	2,188.56	1,094.28	2,900.91	1,452.61	59.97	-5.38	0.929
106.00	-19.44	-28.87	0.00	-1,306.62	0.00	1,306.62	2,179.67	1,089.83	2,873.33	1,438.80	61.10	-5.43	0.918
108.00	-18.96	-28.44	0.00	-1,248.87	0.00	1,248.87	2,161.78	1,080.89	2,818.44	1,411.32	63.41	-5.61	0.894
110.00	-18.48	-28.01	0.00	-1,191.99	0.00	1,191.99	2,138.65	1,069.33	2,757.31	1,380.70	65.79	-5.78	0.873
112.00	-17.99	-27.78	0.00	-1,135.98	0.00	1,135.98	2,114.86	1,057.43	2,695.99	1,350.00	68.24	-5.95	0.851
114.00	-17.51	-27.55	0.00	-1,080.42	0.00	1,080.42	2,091.06	1,045.53	2,635.36	1,319.64	70.77	-6.12	0.828
116.00	-17.06	-27.30	0.00	-1,025.31	0.00	1,025.31	2,067.27	1,033.63	2,575.43	1,289.63	73.36	-6.28	0.804
116.50	-16.92	-27.26	0.00	-1,011.66	0.00	1,011.66	2,061.32	1,030.66	2,560.55	1,282.18	74.02	-6.32	0.798
118.00	-16.41	-27.07	0.00	-970.77	0.00	970.77	2,043.47	1,021.73	2,516.18	1,259.96	76.02	-6.44	0.779
120.00	-15.78	-26.63	0.00	-916.63	0.00	916.63	2,019.67	1,009.84	2,457.62	1,230.64	78.75	-6.60	0.753
121.00	-15.46	-26.42	0.00	-890.00	0.00	890.00	1,562.89	781.45	1,930.84	966.86	80.14	-6.68	0.932
122.00	-15.24	-26.23	0.00	-863.58	0.00	863.58	1,556.55	778.28	1,911.74	957.29	81.54	-6.76	0.913
124.00	-14.84	-25.84	0.00	-811.12	0.00	811.12	1,543.77	771.89	1,873.68	938.23	84.40	-6.93	0.875
126.00	-12.18	-19.92	0.00	-759.44	0.00	759.44	1,530.87	765.43	1,835.84	919.28	87.34	-7.11	0.835
128.00	-11.84	-19.52	0.00	-719.61	0.00	719.61	1,517.84	758.92	1,798.22	900.45	90.34	-7.28	0.808
130.00	-11.50	-19.12	0.00	-680.58	0.00	680.58	1,504.67	752.34	1,760.83	881.72	93.42	-7.44	0.780
132.00	-11.16	-18.72	0.00	-642.34	0.00	642.34	1,491.38	745.69	1,723.67	863.12	96.56	-7.60	0.752
134.00	-10.83	-18.32	0.00	-604.91	0.00	604.91	1,477.96	738.98	1,686.75	844.63	99.77	-7.76	0.724
136.00	-10.50	-17.92	0.00	-568.27	0.00	568.27	1,464.41	732.21	1,650.07	826.26	103.05	-7.92	0.696
138.00	-10.18	-17.52	0.00	-532.43	0.00	532.43	1,450.74	725.37	1,613.64	808.02	106.39	-8.07	0.667
140.00	-9.87	-17.12	0.00	-497.39	0.00	497.39	1,436.93	718.47	1,577.47	789.91	109.79	-8.21	0.637
142.00	-9.56	-16.72	0.00	-463.15	0.00	463.15	1,423.00	711.50	1,541.56	771.93	113.25	-8.36	0.607
144.00	-9.27	-16.32	0.00	-429.70	0.00	429.70	1,408.93	704.47	1,505.92	754.08	116.76	-8.49	0.577
145.00	-8.81	-15.01	0.00	-413.38	0.00	413.38	1,401.85	700.93	1,488.20	745.20	118.54	-8.56	0.561
146.00	-8.65	-14.91	0.00	-398.37	0.00	398.37	1,394.74	697.37	1,470.54	736.36	120.34	-8.63	0.548
148.00	-8.37	-14.69	0.00	-368.55	0.00	368.55	1,379.83	689.92	1,434.84	718.48	123.97	-8.76	0.519
149.00	-8.22	-14.58	0.00	-353.86	0.00	353.86	1,370.32	685.16	1,415.01	708.56	125.80	-8.82	0.506
150.00	-8.01	-14.46	0.00	-339.28	0.00	339.28	1,360.80	680.40	1,395.33	698.70	127.65	-8.88	0.492
152.00	-7.61	-14.22	0.00	-310.35	0.00	310.35	1,341.76	670.88	1,356.37	679.19	131.38	-9.00	0.463
152.50	-7.50	-14.16	0.00	-303.24	0.00	303.24	942.35	471.17	968.66	485.05	132.32	-9.03	0.634
154.00	-7.31	-14.00	0.00	-282.00	0.00	282.00	935.87	467.94	951.84	476.63	135.16	-9.11	0.600
156.00	-7.06	-13.79	0.00	-253.99	0.00	253.99	927.12	463.56	929.51	465.45	138.99	-9.25	0.554
158.00	-6.82	-13.58	0.00	-226.42	0.00	226.42	918.25	459.12	907.31	454.33	142.87	-9.37	0.507
160.00	-6.58	-13.36	0.00	-199.26	0.00	199.26	909.24	454.62	885.24	443.28	146.80	-9.49	0.458
162.00	-6.35	-13.15	0.00	-172.54	0.00	172.54	900.11	450.06	863.31	432.30	150.78	-9.59	0.407
164.00	-6.12	-12.93	0.00	-146.25	0.00	146.25	890.85	445.42	841.52	421.39	154.80	-9.69	0.355
166.00	-5.90	-12.71	0.00	-120.40	0.00	120.40	881.46	440.73	819.88	410.55	158.86	-9.77	0.301
167.00	-3.32	-7.61	0.00	-107.69	0.00	107.69	876.72	438.36	809.12	405.16	160.90	-9.81	0.270
168.00	-3.24	-7.51	0.00	-100.07	0.00	100.07	871.94	435.97	798.40	399.79	162.95	-9.84	0.254
170.00	-3.09	-7.30	0.00	-85.06	0.00	85.06	862.29	431.15	777.07	389.11	167.07	-9.90	0.222
172.00	-2.94	-7.09	0.00	-70.46	0.00	70.46	852.52	426.26	755.91	378.52	171.21	-9.96	0.190
174.00	-2.79	-6.88	0.00	-56.29	0.00	56.29	842.61	421.31	734.92	368.01	175.37	-10.01	0.157
175.00	-2.54	-5.84	0.00	-49.41	0.00	49.41	837.61	418.81	724.49	362.78	177.46	-10.03	0.139
176.00	-2.47	-5.76	0.00	-43.56	0.00	43.56	832.58	416.29	714.11	357.59	179.55	-10.05	0.125
178.00	-2.33	-5.59	0.00	-32.04	0.00	32.04	822.42	411.21	693.48	347.26	183.75	-10.08	0.095
180.00	-2.20	-5.42	0.00	-20.86	0.00	20.86	812.13	406.06	673.04	337.02	187.95	-10.10	0.065
182.00	-2.07	-5.26	0.00	-10.02	0.00	10.02	801.71	400.85	652.79	326.88	192.17	-10.12	0.033
183.00	0.00	-4.81	0.00	-4.76	0.00	4.76	796.45	398.23	642.74	321.85	194.27	-10.12	0.015

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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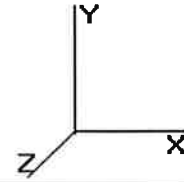
Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 32 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	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		1.00	0.70	20.599	22.65	378.63	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	20.599	22.65	375.91	0.650	* 0.000	2.00	8.199	5.33	193.2	0.0	599.6
4.00		1.00	0.70	20.599	22.65	373.18	0.650	* 0.000	2.00	8.139	5.29	191.8	0.0	596.2
6.00		1.00	0.70	20.599	22.65	370.46	0.650	* 0.000	2.00	8.080	5.25	190.4	0.0	592.8
8.00		1.00	0.70	20.599	22.65	367.73	1.200	* 0.000	2.00	8.021	9.63	349.0	0.0	589.4
10.00		1.00	0.70	20.599	22.65	365.01	1.200	* 0.000	2.00	7.962	9.55	346.4	0.0	586.0
12.00		1.00	0.70	20.599	22.65	362.29	1.200	* 0.000	2.00	7.903	9.48	343.8	0.0	582.6
14.00		1.00	0.70	20.599	22.65	359.56	1.200	* 0.000	2.00	7.843	9.41	341.2	0.0	579.2
16.00		1.00	0.70	20.599	22.65	356.84	1.200	* 0.000	2.00	7.784	9.34	338.7	0.0	575.8
18.00		1.00	0.70	20.599	22.65	354.11	1.200	* 0.000	2.00	7.725	9.27	336.1	0.0	572.4
20.00		1.00	0.70	20.599	22.65	351.39	1.200	* 0.000	2.00	7.666	9.20	333.5	0.0	569.0
22.00		1.00	0.70	20.599	22.65	348.66	1.200	* 0.000	2.00	7.607	9.13	330.9	0.0	565.6
24.00		1.00	0.70	20.599	22.65	345.94	1.200	* 0.000	2.00	7.547	9.06	328.4	0.0	562.2
26.00		1.00	0.70	20.599	22.65	343.21	1.200	* 0.000	2.00	7.488	8.99	325.8	0.0	558.8
28.00		1.00	0.70	20.599	22.65	340.49	1.200	* 0.000	2.00	7.429	8.91	323.2	0.0	555.4
28.50	Bot - Section 2	1.00	0.70	20.599	22.65	338.81	1.200	* 0.000	0.50	1.848	2.22	80.4	0.0	138.3
30.00		1.00	0.70	20.616	22.67	337.91	1.200	* 0.000	1.50	5.649	6.78	246.0	0.0	734.5
32.00		1.00	0.71	21.000	23.10	338.29	1.200	* 0.000	2.00	7.480	8.98	331.7	0.0	973.4
34.00		1.00	0.72	21.367	23.50	338.46	1.200	* 0.000	2.00	7.421	8.90	334.9	0.0	966.6
35.00	Top - Section 1	1.00	0.73	21.545	23.69	338.47	1.200	* 0.000	1.00	3.688	4.43	167.8	0.0	480.7
36.00		1.00	0.73	21.719	23.89	346.43	1.200	* 0.000	1.00	3.673	4.41	168.5	0.0	275.3
38.00		1.00	0.75	22.057	24.26	346.30	1.200	* 0.000	2.00	7.302	8.76	340.2	0.0	548.1
40.00		1.00	0.76	22.383	24.62	346.00	1.200	* 0.000	2.00	7.243	8.69	342.4	0.0	544.7
42.00		1.00	0.77	22.697	24.96	345.56	1.200	* 0.000	2.00	7.184	8.62	344.4	0.0	541.3
44.00		1.00	0.78	23.000	25.30	344.99	1.200	* 0.000	2.00	7.125	8.55	346.1	0.0	537.9
46.00		1.00	0.79	23.294	25.62	344.29	1.200	* 0.000	2.00	7.065	8.48	347.6	0.0	534.5
48.00		1.00	0.80	23.579	25.93	343.47	1.200	* 0.000	2.00	7.006	8.41	348.9	0.0	531.1
50.00	Appertunance(s)	1.00	0.81	23.856	26.24	342.55	1.200	* 0.000	2.00	6.947	8.34	350.0	0.0	527.7
52.00		1.00	0.82	24.125	26.53	341.53	1.200	* 0.000	2.00	6.888	8.27	350.9	0.0	524.3
54.00		1.00	0.82	24.386	26.82	340.41	1.200	* 0.000	2.00	6.829	8.19	351.7	0.0	520.9
56.00		1.00	0.83	24.641	27.10	339.20	1.200	* 0.000	2.00	6.769	8.12	352.3	0.0	517.5
58.00	Bot - Section 3	1.00	0.84	24.889	27.37	337.91	1.200	* 0.000	2.00	6.710	8.05	352.7	0.0	514.1
60.00		1.00	0.85	25.132	27.64	336.54	1.200	* 0.000	2.00	6.778	8.13	359.8	0.0	800.0
62.00		1.00	0.86	25.368	27.90	335.10	1.200	* 0.000	2.00	6.719	8.06	360.0	0.0	794.0
63.50	Top - Section 2	1.00	0.86	25.542	28.09	333.97	1.200	* 0.000	1.50	5.000	6.00	269.7	0.0	591.6
64.00		1.00	0.87	25.599	28.15	340.10	1.200	* 0.000	0.50	1.659	1.99	89.7	0.0	104.2
66.00		1.00	0.87	25.825	28.40	338.55	1.200	* 0.000	2.00	6.600	7.92	360.0	0.0	415.2
68.00		1.00	0.88	26.047	28.65	336.93	1.200	* 0.000	2.00	6.541	7.85	359.8	0.0	412.6
70.00		1.00	0.89	26.263	28.89	335.25	1.200	* 0.000	2.00	6.482	7.78	359.5	0.0	410.1
72.00		1.00	0.90	26.476	29.12	333.51	1.200	* 0.000	2.00	6.423	7.71	359.1	0.0	407.5
74.00		1.00	0.90	26.684	29.35	331.72	1.200	* 0.000	2.00	6.363	7.64	358.6	0.0	405.0
76.00		1.00	0.91	26.888	29.57	329.88	1.200	* 0.000	2.00	6.304	7.57	358.0	0.0	402.4
78.00		1.00	0.92	27.088	29.79	327.98	1.200	* 0.000	2.00	6.245	7.49	357.3	0.0	399.9
80.00		1.00	0.92	27.285	30.01	326.03	1.200	* 0.000	2.00	6.186	7.42	356.5	0.0	397.3
82.00		1.00	0.93	27.478	30.22	324.04	1.200	* 0.000	2.00	6.127	7.35	355.5	0.0	394.8
84.00		1.00	0.94	27.668	30.43	322.00	1.200	* 0.000	2.00	6.067	7.28	354.5	0.0	392.2
86.00		1.00	0.94	27.854	30.64	319.91	1.200	* 0.000	2.00	6.008	7.21	353.5	0.0	389.7
88.00	Bot - Section 4	1.00	0.95	28.038	30.84	317.79	1.200	* 0.000	2.00	5.949	7.14	352.3	0.0	387.1
90.00		1.00	0.95	28.219	31.04	315.62	1.200	* 0.000	2.00	5.996	7.19	357.3	0.0	597.9
92.00		1.00	0.96	28.396	31.23	313.41	1.200	* 0.000	2.00	5.936	7.12	356.0	0.0	593.2
93.00	Top - Section 3	1.00	0.96	28.484	31.33	312.30	1.200	* 0.000	1.00	2.946	3.54	177.2	0.0	294.9

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

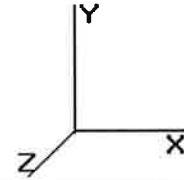
94.00		1.00	0.97	28.571	31.42	316.90	1.200	*	0.000	1.00	2.931	3.52	176.9	0.0	171.1
96.00		1.00	0.97	28.744	31.61	314.64	1.200	*	0.000	2.00	5.818	6.98	353.2	0.0	340.5
98.00		1.00	0.98	28.913	31.80	312.34	1.200	*	0.000	2.00	5.759	6.91	351.7	0.0	338.4
100.0		1.00	0.98	29.081	31.98	310.00	1.200	*	0.000	2.00	5.700	6.84	350.1	0.0	336.3
102.0		1.00	0.99	29.246	32.17	307.64	1.200	*	0.000	2.00	5.640	6.77	348.4	0.0	334.2
104.0		1.00	0.99	29.409	32.34	305.24	1.200	*	0.000	2.00	5.581	6.70	346.7	0.0	332.0
105.0	Reinf. Top	1.00	1.00	29.489	32.43	304.02	1.200	*	0.000	1.00	2.768	3.32	172.4	0.0	165.2
106.0		1.00	1.00	29.569	32.52	302.80	1.200	*	0.000	1.00	2.754	3.30	172.0	0.0	97.9
108.0		1.00	1.01	29.727	32.70	300.34	1.200	*	0.000	2.00	5.463	6.56	343.0	0.0	194.2
110.0		1.00	1.01	29.884	32.87	297.85	1.200	*	0.000	2.00	5.404	6.48	341.0	0.0	192.1
112.0		1.00	1.02	30.038	33.04	295.32	0.650	*	0.000	2.00	5.344	3.47	183.6	0.0	189.9
114.0		1.00	1.02	30.190	33.20	292.77	0.650	*	0.000	2.00	5.285	3.44	182.5	0.0	187.8
116.0		1.00	1.03	30.341	33.37	290.20	0.650	*	0.000	2.00	5.226	3.40	181.4	0.0	185.7
116.5	Bot - Section 5	1.00	1.03	30.378	33.41	289.55	0.650	*	0.000	0.50	1.297	0.84	45.1	0.0	46.1
118.0		1.00	1.03	30.489	33.53	287.59	0.650	*	0.000	1.50	3.933	2.56	137.2	0.0	249.5
120.0		1.00	1.04	30.636	33.69	284.96	1.200	*	0.000	2.00	5.192	6.23	335.9	0.0	329.3
121.0	Top - Section 4	1.00	1.04	30.709	33.77	283.63	1.200	*	0.000	1.00	2.574	3.09	166.9	0.0	163.2
122.0		1.00	1.04	30.781	33.85	287.06	1.200	*	0.000	1.00	2.559	3.07	166.4	0.0	72.9
124.0		1.00	1.05	30.924	34.01	284.39	1.200	*	0.000	2.00	5.074	6.09	331.4	0.0	144.5
126.0	Appertunance(s)	1.00	1.05	31.066	34.17	281.70	1.200	*	0.000	2.00	5.015	6.02	329.0	0.0	142.8
128.0		1.00	1.06	31.206	34.32	278.98	1.200	*	0.000	2.00	4.955	5.95	326.6	0.0	141.1
130.0		1.00	1.06	31.345	34.47	276.24	1.200	*	0.000	2.00	4.896	5.88	324.1	0.0	139.4
132.0		1.00	1.07	31.482	34.63	273.47	1.200	*	0.000	2.00	4.837	5.80	321.6	0.0	137.7
134.0		1.00	1.07	31.617	34.77	270.68	1.200	*	0.000	2.00	4.778	5.73	319.0	0.0	136.0
136.0		1.00	1.07	31.751	34.92	267.88	1.200	*	0.000	2.00	4.719	5.66	316.4	0.0	134.3
138.0		1.00	1.08	31.884	35.07	265.05	1.200	*	0.000	2.00	4.659	5.59	313.8	0.0	132.6
140.0		1.00	1.08	32.015	35.21	262.19	1.200	*	0.000	2.00	4.600	5.52	311.0	0.0	130.9
142.0		1.00	1.09	32.145	35.36	259.32	1.200	*	0.000	2.00	4.541	5.45	308.3	0.0	129.2
144.0		1.00	1.09	32.274	35.50	256.43	1.200	*	0.000	2.00	4.482	5.38	305.5	0.0	127.5
145.0	Appertunance(s)	1.00	1.09	32.338	35.57	254.98	1.200	*	0.000	1.00	2.219	2.66	151.5	0.0	63.1
146.0		1.00	1.10	32.402	35.64	253.52	0.650	*	0.000	1.00	2.204	1.43	81.7	0.0	62.7
148.0		1.00	1.10	32.528	35.78	250.59	0.650	*	0.000	2.00	4.363	2.84	162.4	0.0	124.1
149.0	Bot - Section 6	1.00	1.10	32.590	35.84	249.12	0.650	*	0.000	1.00	2.159	1.40	80.5	0.0	61.4
150.0		1.00	1.11	32.653	35.91	247.64	0.650	*	0.000	1.00	2.176	1.41	81.3	0.0	107.5
152.0		1.00	1.11	32.777	36.05	244.67	0.650	*	0.000	2.00	4.308	2.80	161.5	0.0	212.8
152.5	Top - Section 5	1.00	1.11	32.807	36.08	243.93	0.650	*	0.000	0.50	1.068	0.69	40.1	0.0	52.7
154.0		1.00	1.11	32.899	36.18	245.38	0.650	*	0.000	1.50	3.181	2.07	119.7	0.0	68.0
156.0		1.00	1.12	33.021	36.32	242.38	0.650	*	0.000	2.00	4.190	2.72	158.3	0.0	89.6
158.0		1.00	1.12	33.141	36.45	239.37	0.650	*	0.000	2.00	4.131	2.68	156.6	0.0	88.3
160.0		1.00	1.13	33.260	36.58	236.34	0.650	*	0.000	2.00	4.072	2.65	154.9	0.0	87.0
162.0		1.00	1.13	33.379	36.71	233.29	0.650	*	0.000	2.00	4.012	2.61	153.2	0.0	85.7
164.0		1.00	1.13	33.496	36.84	230.22	0.650	*	0.000	2.00	3.953	2.57	151.5	0.0	84.5
166.0		1.00	1.14	33.612	36.97	227.14	0.650	*	0.000	2.00	3.894	2.53	149.7	0.0	83.2
167.0	Appertunance(s)	1.00	1.14	33.670	37.03	225.60	0.650	*	0.000	1.00	1.925	1.25	74.1	0.0	41.1
168.0		1.00	1.14	33.727	37.10	224.04	0.650	*	0.000	1.00	1.910	1.24	73.7	0.0	40.8
170.0		1.00	1.15	33.842	37.22	220.93	0.650	*	0.000	2.00	3.775	2.45	146.2	0.0	80.6
172.0		1.00	1.15	33.955	37.35	217.80	0.650	*	0.000	2.00	3.716	2.42	144.4	0.0	79.4
174.0		1.00	1.15	34.067	37.47	214.66	0.650	*	0.000	2.00	3.657	2.38	142.5	0.0	78.1
175.0	Appertunance(s)	1.00	1.16	34.123	37.53	213.08	0.650	*	0.000	1.00	1.806	1.17	70.5	0.0	38.6
176.0		1.00	1.16	34.179	37.59	211.50	0.650	*	0.000	1.00	1.792	1.16	70.0	0.0	38.2
178.0		1.00	1.16	34.289	37.71	208.33	0.650	*	0.000	2.00	3.539	2.30	138.8	0.0	75.5
180.0		1.00	1.16	34.399	37.83	205.14	0.650	*	0.000	2.00	3.479	2.26	136.9	0.0	74.3
182.0		1.00	1.17	34.508	37.95	201.94	0.650	*	0.000	2.00	3.420	2.22	135.0	0.0	73.0
183.0	Appertunance(s)	1.00	1.17	34.562	38.01	200.33	0.650	*	0.000	1.00	1.688	1.10	66.7	0.0	36.0

* = Cf Adjusted By Linear Load Ra Effect

Totals: 183.00 26,546.2 0.0 33,434.5

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W

110.00 mph with No Ice (Reduced DL)

32 Iterations

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

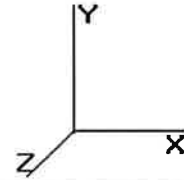
Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	Thales PCS VP/360/2	2	23.890	26.279	0.50	1.00	0.03	0.000	0.250	1.26	0.00	0.32	0.54
126.0	Flat Platform w/ Han	1	31.066	34.173	0.90	1.00	38.16	0.000	0.000	2,086.43	0.00	0.00	1,800.00
126.0	RFS FD9R6004/1C-3L	6	31.066	34.173	0.50	0.75	0.83	0.000	0.000	45.52	0.00	0.00	16.74
126.0	Antel BXA-80063/6CF	3	31.066	34.173	0.75	0.75	13.06	0.000	0.000	714.14	0.00	0.00	40.23
126.0	Antel BXA-171063-12B	3	31.066	34.173	0.88	0.75	9.37	0.000	0.000	512.06	0.00	0.00	40.50
126.0	Alcatel-Lucent RRH2x	3	31.066	34.173	0.50	0.75	2.43	0.000	0.000	132.86	0.00	0.00	118.80
126.0	RFS DB-T1-6Z-8AB-0Z	1	31.066	34.173	0.67	0.75	2.41	0.000	0.000	131.88	0.00	0.00	39.60
126.0	Antel BXA-70040/6CF	3	31.066	34.173	0.70	0.75	22.44	0.000	0.000	1,227.14	0.00	0.00	101.25
126.0	Ryma MG D3-800	3	31.066	34.173	0.82	0.75	6.37	0.000	0.000	348.03	0.00	0.00	41.58
145.0	Andrew	3	32.338	35.572	0.50	1.00	0.70	0.000	0.000	40.12	0.00	0.00	29.70
145.0	Andrew	3	32.338	35.572	0.50	1.00	1.14	0.000	0.000	64.88	0.00	0.00	29.70
145.0	RFS APX16DWV-	3	32.338	35.572	0.66	1.00	14.30	0.000	0.000	813.63	0.00	0.00	109.89
145.0	Flush Mounts	1	32.338	35.572	0.67	1.00	2.35	0.000	0.000	133.47	0.00	0.00	180.00
167.0	LGP Allgon LGP21903	6	33.554	36.910	0.50	0.75	0.61	0.000	-2.000	35.88	0.00	-71.75	29.70
167.0	Allgon 7770.00	6	33.554	36.910	0.77	0.75	19.09	0.000	-2.000	1,127.49	0.00	-2,254.98	189.00
167.0	Powerwave LGP21401	6	33.554	36.910	0.50	0.75	2.48	0.000	-2.000	146.16	0.00	-292.32	76.14
167.0	Flat Platform w/ Han	1	33.670	37.037	0.90	1.00	38.16	0.000	0.000	2,261.31	0.00	0.00	1,800.00
167.0	KMW AM-X-CD-14-65-	2	33.670	37.037	0.78	0.75	5.84	0.000	0.000	345.97	0.00	0.00	65.52
167.0	Ericsson RRUS 11	6	33.670	37.037	0.50	0.75	5.78	0.000	0.000	342.66	0.00	0.00	237.60
167.0	Raycap DC6-48-60-18-	1	33.670	37.037	0.50	0.75	0.48	0.000	0.000	28.44	0.00	0.00	28.62
167.0	Kathrein 800 10764	1	33.670	37.037	0.79	0.75	3.48	0.000	0.000	206.10	0.00	0.00	36.72
175.0	RFS APXV18-206517S-	3	34.123	37.535	0.80	1.00	12.41	0.000	0.000	745.18	0.00	0.00	71.28
175.0	Flush Mounts	1	34.123	37.535	0.67	1.00	2.35	0.000	0.000	140.83	0.00	0.00	180.00
183.0	DragonWave A-ANT-	2	34.669	38.136	0.67	0.75	4.71	0.000	2.000	287.60	0.00	575.21	48.78
183.0	NextNet BTS-2500	3	34.669	38.136	0.50	0.75	2.05	0.000	2.000	124.93	0.00	249.87	94.50
183.0	Argus LLPX310R	3	34.669	38.136	0.73	0.75	7.05	0.000	2.000	429.95	0.00	859.90	77.22
183.0	DragonWave Horizon	2	34.562	38.018	0.50	0.75	0.63	0.000	0.000	38.32	0.00	0.00	19.08
183.0	Andrew DB844H90E-	6	34.669	38.136	0.92	0.75	14.95	0.000	2.000	911.93	0.00	1,823.86	75.60
183.0	Flat Platform w/ Han	1	34.562	38.018	0.90	1.00	38.16	0.000	0.000	2,321.21	0.00	0.00	1,800.00
183.0	Andrew	3	34.669	38.136	0.86	0.75	10.27	0.000	2.000	626.95	0.00	1,253.89	43.20
										16,372.35			7,421.49

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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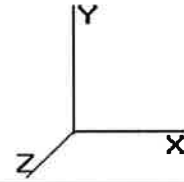
Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.122	1.066	0.00	0.00
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.122	1.066	0.00	0.00
2.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	20.599	0.122	1.066	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.123	1.069	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.123	1.069	0.00	0.00
4.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	20.599	0.123	1.069	0.00	0.00
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.168	1.204	0.00	0.41
6.00	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	20.599	0.168	1.204	0.00	13.64
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.168	1.204	0.00	0.24
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	20.599	0.168	1.204	0.00	4.43
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.168	1.204	0.00	0.00
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.168	1.204	0.00	0.00
6.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	20.599	0.168	1.204	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.168	1.204	0.00	4.43
8.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.214	0.000	0.00	0.81
8.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.214	0.000	17.26	27.29
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.214	0.000	0.00	0.49
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.214	0.000	13.78	8.85
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.214	0.000	18.13	0.00
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.214	0.000	18.13	0.00
8.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.214	0.000	7.25	0.00
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.214	0.000	0.00	8.85
10.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.215	0.000	0.00	0.81
10.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.215	0.000	17.26	27.29
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.215	0.000	0.00	0.49
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.215	0.000	13.78	8.85
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.215	0.000	18.13	0.00
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.215	0.000	18.13	0.00
10.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.215	0.000	7.25	0.00
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.215	0.000	0.00	8.85
12.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.217	0.000	0.00	0.81
12.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.217	0.000	17.26	27.29
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.217	0.000	0.00	0.49
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.217	0.000	13.78	8.85
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.217	0.000	18.13	0.00
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.217	0.000	18.13	0.00
12.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.217	0.000	7.25	0.00
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.217	0.000	0.00	8.85
14.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.218	0.000	0.00	0.81
14.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.218	0.000	17.26	27.29
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.218	0.000	0.00	0.49
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.218	0.000	13.78	8.85
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.218	0.000	18.13	0.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.218	0.000	18.13	0.00
14.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.218	0.000	7.25	0.00
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.218	0.000	0.00	8.85
16.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.220	0.000	0.00	0.81
16.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.220	0.000	17.26	27.29
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.220	0.000	0.00	0.49
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.220	0.000	13.78	8.85
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.220	0.000	18.13	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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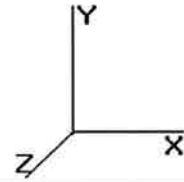
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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.220	0.000	18.13	0.00
16.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.220	0.000	7.25	0.00
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.220	0.000	0.00	8.85
18.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.222	0.000	0.00	0.81
18.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.222	0.000	17.26	27.29
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.222	0.000	0.00	0.49
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.222	0.000	13.78	8.85
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.222	0.000	18.13	0.00
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.222	0.000	18.13	0.00
18.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.222	0.000	7.25	0.00
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.222	0.000	0.00	8.85
20.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.224	0.000	0.00	0.81
20.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.224	0.000	17.26	27.29
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.224	0.000	0.00	0.49
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.224	0.000	13.78	8.85
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.224	0.000	18.13	0.00
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.224	0.000	18.13	0.00
20.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.224	0.000	7.25	0.00
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.224	0.000	0.00	8.85
22.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.225	0.000	0.00	0.81
22.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.225	0.000	17.26	27.29
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.225	0.000	0.00	0.49
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.225	0.000	13.78	8.85
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.225	0.000	18.13	0.00
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.225	0.000	18.13	0.00
22.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.225	0.000	7.25	0.00
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.225	0.000	0.00	8.85
24.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.227	0.000	0.00	0.81
24.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.227	0.000	17.26	27.29
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.227	0.000	0.00	0.49
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.227	0.000	13.78	8.85
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.227	0.000	18.13	0.00
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.227	0.000	18.13	0.00
24.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.227	0.000	7.25	0.00
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.227	0.000	0.00	8.85
26.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.229	0.000	0.00	0.81
26.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.229	0.000	17.26	27.29
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.229	0.000	0.00	0.49
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.229	0.000	13.78	8.85
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.229	0.000	18.13	0.00
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.229	0.000	18.13	0.00
26.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.229	0.000	7.25	0.00
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.229	0.000	0.00	8.85
28.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.231	0.000	0.00	0.81
28.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.231	0.000	17.26	27.29
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.231	0.000	0.00	0.49
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.231	0.000	13.78	8.85
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.231	0.000	18.13	0.00
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.231	0.000	18.13	0.00
28.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	20.599	0.231	0.000	7.25	0.00
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.231	0.000	0.00	8.85
28.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.232	0.000	0.00	0.20
28.50	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	20.599	0.232	0.000	4.31	6.82
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.232	0.000	0.00	0.12
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	20.599	0.232	0.000	3.44	2.21
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.232	0.000	4.53	0.00
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.232	0.000	4.53	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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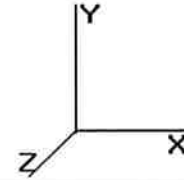
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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

28.50	(1) Brackets	Yes	0.50	1.200	1.00	0.04	0.05	20.599	0.232	0.000	1.81	0.00
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.232	0.000	0.00	2.21
30.00	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.233	0.000	0.00	0.61
30.00	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	20.616	0.233	0.000	12.95	20.47
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.233	0.000	0.00	0.36
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	20.616	0.233	0.000	10.34	6.64
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.233	0.000	13.61	0.00
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.233	0.000	13.61	0.00
30.00	(1) Brackets	Yes	1.50	1.200	1.00	0.13	0.15	20.616	0.233	0.000	5.44	0.00
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.233	0.000	0.00	6.64
32.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.234	0.000	0.00	0.81
32.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.000	0.234	0.000	17.59	27.29
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.234	0.000	0.00	0.49
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.000	0.234	0.000	14.04	8.85
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.234	0.000	18.48	0.00
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.234	0.000	18.48	0.00
32.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	21.000	0.234	0.000	7.39	0.00
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.234	0.000	0.00	8.85
34.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.236	0.000	0.00	0.81
34.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.367	0.236	0.000	17.90	27.29
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.236	0.000	0.00	0.49
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.367	0.236	0.000	14.29	8.85
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.236	0.000	18.80	0.00
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.236	0.000	18.80	0.00
34.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	21.367	0.236	0.000	7.52	0.00
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.236	0.000	0.00	8.85
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.238	0.000	0.00	0.41
35.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.545	0.238	0.000	9.02	13.64
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.238	0.000	0.00	0.24
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.545	0.238	0.000	7.20	4.43
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.238	0.000	9.48	0.00
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.238	0.000	9.48	0.00
35.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	21.545	0.238	0.000	3.79	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.238	0.000	0.00	4.43
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.233	0.000	0.00	0.41
36.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.719	0.233	0.000	9.10	13.64
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.233	0.000	0.00	0.24
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.719	0.233	0.000	7.26	4.43
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.233	0.000	9.56	0.00
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.233	0.000	9.56	0.00
36.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	21.719	0.233	0.000	3.82	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.233	0.000	0.00	4.43
38.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.235	0.000	0.00	0.81
38.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.057	0.235	0.000	18.48	27.29
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.235	0.000	0.00	0.49
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.057	0.235	0.000	14.75	8.85
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.235	0.000	19.41	0.00
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.235	0.000	19.41	0.00
38.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	22.057	0.235	0.000	7.76	0.00
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.235	0.000	0.00	8.85
40.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.237	0.000	0.00	0.81
40.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.383	0.237	0.000	18.75	27.29
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.237	0.000	0.00	0.49
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.383	0.237	0.000	14.97	8.85
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.237	0.000	19.70	0.00
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.237	0.000	19.70	0.00
40.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	22.383	0.237	0.000	7.88	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W

110.00 mph with No Ice (Reduced DL)

32 Iterations

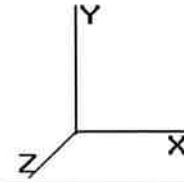
Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.237	0.000	0.00	8.85
42.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.238	0.000	0.00	0.81
42.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.697	0.238	0.000	19.01	27.29
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.238	0.000	0.00	0.49
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.697	0.238	0.000	15.18	8.85
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.238	0.000	19.97	0.00
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.238	0.000	19.97	0.00
42.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	22.697	0.238	0.000	7.99	0.00
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.238	0.000	0.00	8.85
44.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.240	0.000	0.00	0.81
44.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.000	0.240	0.000	19.27	27.29
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.240	0.000	0.00	0.49
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.000	0.240	0.000	15.38	8.85
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.240	0.000	20.24	0.00
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.240	0.000	20.24	0.00
44.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.000	0.240	0.000	8.10	0.00
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.240	0.000	0.00	8.85
46.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.242	0.000	0.00	0.81
46.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.294	0.242	0.000	19.52	27.29
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.242	0.000	0.00	0.49
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.294	0.242	0.000	15.58	8.85
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.242	0.000	20.50	0.00
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.242	0.000	20.50	0.00
46.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.294	0.242	0.000	8.20	0.00
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.242	0.000	0.00	8.85
48.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.245	0.000	0.00	0.81
48.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.579	0.245	0.000	19.75	27.29
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.245	0.000	0.00	0.49
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.579	0.245	0.000	15.77	8.85
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.245	0.000	20.75	0.00
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.245	0.000	20.75	0.00
48.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.579	0.245	0.000	8.30	0.00
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.245	0.000	0.00	8.85
50.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.247	0.000	0.00	0.81
50.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.856	0.247	0.000	19.99	27.29
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.247	0.000	0.00	0.49
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.856	0.247	0.000	15.95	8.85
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.247	0.000	20.99	0.00
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.247	0.000	20.99	0.00
50.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	23.856	0.247	0.000	8.40	0.00
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.247	0.000	0.00	8.85
52.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.249	0.000	0.00	0.81
52.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.125	0.249	0.000	20.21	27.29
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.249	0.000	0.00	0.49
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.125	0.249	0.000	16.13	8.85
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.249	0.000	21.23	0.00
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.249	0.000	21.23	0.00
52.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	24.125	0.249	0.000	8.49	0.00
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.249	0.000	0.00	8.85
54.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.251	0.000	0.00	0.81
54.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.386	0.251	0.000	20.43	27.29
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.251	0.000	0.00	0.49
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.386	0.251	0.000	16.31	8.85
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.251	0.000	21.46	0.00
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.251	0.000	21.46	0.00
54.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	24.386	0.251	0.000	8.58	0.00
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.251	0.000	0.00	8.85

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W

110.00 mph with No Ice (Reduced DL)

32 Iterations

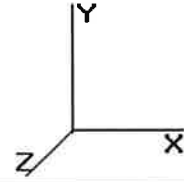
Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

68.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.047	0.262	0.000	21.82	27.29
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.262	0.000	0.00	0.49
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.047	0.262	0.000	17.42	8.85
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.262	0.000	22.92	0.00
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.262	0.000	22.92	0.00
68.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.047	0.262	0.000	9.17	0.00
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.262	0.000	0.00	8.85
70.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.264	0.000	0.00	0.81
70.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.263	0.264	0.000	22.00	27.29
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.264	0.000	0.00	0.49
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.263	0.264	0.000	17.56	8.85
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.264	0.000	23.11	0.00
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.264	0.000	23.11	0.00
70.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.263	0.264	0.000	9.24	0.00
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.264	0.000	0.00	8.85
72.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.267	0.000	0.00	0.81
72.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.476	0.267	0.000	22.18	27.29
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.267	0.000	0.00	0.49
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.476	0.267	0.000	17.71	8.85
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.267	0.000	23.30	0.00
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.267	0.000	23.30	0.00
72.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.476	0.267	0.000	9.32	0.00
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.267	0.000	0.00	8.85
74.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.269	0.000	0.00	0.81
74.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.684	0.269	0.000	22.35	27.29
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.269	0.000	0.00	0.49
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.684	0.269	0.000	17.85	8.85
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.269	0.000	23.48	0.00
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.269	0.000	23.48	0.00
74.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.684	0.269	0.000	9.39	0.00
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.269	0.000	0.00	8.85
76.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.272	0.000	0.00	0.81
76.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.888	0.272	0.000	22.53	27.29
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.272	0.000	0.00	0.49
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.888	0.272	0.000	17.98	8.85
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.272	0.000	23.66	0.00
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.272	0.000	23.66	0.00
76.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	26.888	0.272	0.000	9.46	0.00
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.272	0.000	0.00	8.85
78.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.274	0.000	0.00	0.81
78.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.088	0.274	0.000	22.69	27.29
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.274	0.000	0.00	0.49
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.088	0.274	0.000	18.12	8.85
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.274	0.000	23.84	0.00
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.274	0.000	23.84	0.00
78.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.088	0.274	0.000	9.53	0.00
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.274	0.000	0.00	8.85
80.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.277	0.000	0.00	0.81
80.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.285	0.277	0.000	22.86	27.29
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.277	0.000	0.00	0.49
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.285	0.277	0.000	18.25	8.85
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.277	0.000	24.01	0.00
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.277	0.000	24.01	0.00
80.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.285	0.277	0.000	9.60	0.00
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.277	0.000	0.00	8.85
82.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.280	0.000	0.00	0.81
82.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.478	0.280	0.000	23.02	27.29

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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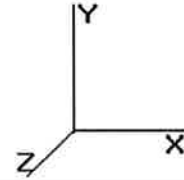
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Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 32 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 0.90
Wind Load Factor : 1.60

82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.280	0.000	0.00	0.49
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.478	0.280	0.000	18.38	8.85
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.280	0.000	24.18	0.00
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.280	0.000	24.18	0.00
82.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.478	0.280	0.000	9.67	0.00
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.280	0.000	0.00	8.85
84.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.282	0.000	0.00	0.81
84.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.668	0.282	0.000	23.18	27.29
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.282	0.000	0.00	0.49
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.668	0.282	0.000	18.50	8.85
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.282	0.000	24.35	0.00
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.282	0.000	24.35	0.00
84.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.668	0.282	0.000	9.74	0.00
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.282	0.000	0.00	8.85
86.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.285	0.000	0.00	0.81
86.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.854	0.285	0.000	23.34	27.29
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.285	0.000	0.00	0.49
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.854	0.285	0.000	18.63	8.85
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.285	0.000	24.51	0.00
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.285	0.000	24.51	0.00
86.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	27.854	0.285	0.000	9.80	0.00
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.285	0.000	0.00	8.85
88.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.288	0.000	0.00	0.81
88.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.038	0.288	0.000	23.49	27.29
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.288	0.000	0.00	0.49
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.038	0.288	0.000	18.75	8.85
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.288	0.000	24.67	0.00
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.288	0.000	24.67	0.00
88.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.038	0.288	0.000	9.87	0.00
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.288	0.000	0.00	8.85
90.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.291	0.000	0.00	0.81
90.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.219	0.291	0.000	23.64	27.29
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.291	0.000	0.00	0.49
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.219	0.291	0.000	18.87	8.85
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.291	0.000	24.83	0.00
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.291	0.000	24.83	0.00
90.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.219	0.291	0.000	9.93	0.00
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.291	0.000	0.00	8.85
92.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.294	0.000	0.00	0.81
92.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.396	0.294	0.000	23.79	27.29
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.294	0.000	0.00	0.49
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.396	0.294	0.000	18.99	8.85
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.294	0.000	24.99	0.00
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.294	0.000	24.99	0.00
92.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.396	0.294	0.000	10.00	0.00
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.294	0.000	0.00	8.85
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.296	0.000	0.00	0.41
93.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.484	0.296	0.000	11.93	13.64
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.296	0.000	0.00	0.24
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.484	0.296	0.000	9.53	4.43
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.296	0.000	12.53	0.00
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.296	0.000	12.53	0.00
93.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	28.484	0.296	0.000	5.01	0.00
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.296	0.000	0.00	4.43
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.292	0.000	0.00	0.41
94.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.571	0.292	0.000	11.97	13.64
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.292	0.000	0.00	0.24

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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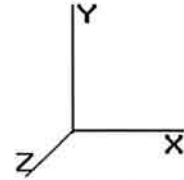
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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.571	0.292	0.000	9.55	4.43
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.292	0.000	12.57	0.00
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.292	0.000	12.57	0.00
94.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	28.571	0.292	0.000	5.03	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.292	0.000	0.00	4.43
96.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.294	0.000	0.00	0.81
96.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.744	0.294	0.000	24.08	27.29
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.294	0.000	0.00	0.49
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.744	0.294	0.000	19.22	8.85
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.294	0.000	25.29	0.00
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.294	0.000	25.29	0.00
96.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.744	0.294	0.000	10.12	0.00
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.294	0.000	0.00	8.85
98.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.298	0.000	0.00	0.81
98.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.913	0.298	0.000	24.22	27.29
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.298	0.000	0.00	0.49
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.913	0.298	0.000	19.34	8.85
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.298	0.000	25.44	0.00
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.298	0.000	25.44	0.00
98.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	28.913	0.298	0.000	10.18	0.00
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.298	0.000	0.00	8.85
100.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.301	0.000	0.00	0.81
100.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.081	0.301	0.000	24.36	27.29
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.301	0.000	0.00	0.49
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.081	0.301	0.000	19.45	8.85
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.301	0.000	25.59	0.00
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.301	0.000	25.59	0.00
100.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.081	0.301	0.000	10.24	0.00
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.301	0.000	0.00	8.85
102.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.304	0.000	0.00	0.81
102.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.246	0.304	0.000	24.50	27.29
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.304	0.000	0.00	0.49
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.246	0.304	0.000	19.56	8.85
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.304	0.000	25.74	0.00
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.304	0.000	25.74	0.00
102.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.246	0.304	0.000	10.29	0.00
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.304	0.000	0.00	8.85
104.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.307	0.000	0.00	0.81
104.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.409	0.307	0.000	24.64	27.29
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.307	0.000	0.00	0.49
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.409	0.307	0.000	19.67	8.85
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.307	0.000	25.88	0.00
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.307	0.000	25.88	0.00
104.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.409	0.307	0.000	10.35	0.00
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.307	0.000	0.00	8.85
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.309	0.000	0.00	0.41
105.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.489	0.309	0.000	12.35	13.64
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.309	0.000	0.00	0.24
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.489	0.309	0.000	9.86	4.43
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.309	0.000	12.98	0.00
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.309	0.000	12.98	0.00
105.0	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	29.489	0.309	0.000	5.19	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.309	0.000	0.00	4.43
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.311	0.000	0.00	0.41
106.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.569	0.311	0.000	12.39	13.64
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.311	0.000	0.00	0.24
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.569	0.311	0.000	9.89	4.43

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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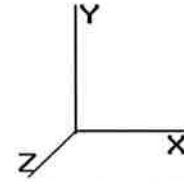
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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.311	0.000	13.01	0.00
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.311	0.000	13.01	0.00
106.0	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	29.569	0.311	0.000	5.20	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.311	0.000	0.00	4.43
108.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.314	0.000	0.00	0.81
108.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.727	0.314	0.000	24.90	27.29
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.314	0.000	0.00	0.49
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.727	0.314	0.000	19.88	8.85
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.314	0.000	26.16	0.00
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.314	0.000	26.16	0.00
108.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.727	0.314	0.000	10.46	0.00
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.314	0.000	0.00	8.85
110.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.317	0.000	0.00	0.81
110.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.884	0.317	0.000	25.04	27.29
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.317	0.000	0.00	0.49
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.884	0.317	0.000	19.99	8.85
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.317	0.000	26.30	0.00
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.317	0.000	26.30	0.00
110.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	29.884	0.317	0.000	10.52	0.00
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.317	0.000	0.00	8.85
112.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.81
112.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.038	0.193	1.278	0.00	27.29
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.49
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	8.85
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	8.85
114.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.81
114.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.190	0.195	1.285	0.00	27.29
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.49
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	8.85
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	8.85
116.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.81
116.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.341	0.197	1.291	0.00	27.29
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.49
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	8.85
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	8.85
116.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.20
116.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	30.378	0.198	1.295	0.00	6.82
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.12
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.21
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.21
118.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.61
118.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	30.489	0.200	1.299	0.00	20.47
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.36
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	6.64
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	6.64
120.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.81
120.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.636	0.202	0.000	25.67	27.29
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.49
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	8.85
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	8.85
121.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.41
121.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.709	0.203	0.000	12.86	13.64
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.24
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	4.43
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	4.43
122.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.41
122.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.781	0.201	0.000	12.89	13.64

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W

110.00 mph with No Ice (Reduced DL)

32 Iterations

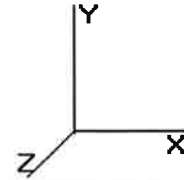
Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.24
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	4.43
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	4.43
124.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.81
124.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.924	0.203	0.000	25.91	27.29
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.49
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	8.85
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	8.85
126.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.81
126.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.066	0.205	0.000	26.03	27.29
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.49
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	8.85
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	8.85
128.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.81
128.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.206	0.208	0.000	26.14	27.29
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.49
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	8.85
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	8.85
130.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.81
130.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.345	0.210	0.000	26.26	27.29
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.49
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	8.85
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	8.85
132.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.81
132.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.482	0.213	0.000	26.37	27.29
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.49
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	8.85
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	8.85
134.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.81
134.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.617	0.216	0.000	26.49	27.29
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.49
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	8.85
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	8.85
136.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.81
136.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.751	0.218	0.000	26.60	27.29
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.49
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	8.85
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	8.85
138.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.81
138.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.884	0.221	0.000	26.71	27.29
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.49
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	8.85
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	8.85
140.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.015	0.224	0.000	0.00	0.81
140.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.015	0.224	0.000	26.82	27.29
140.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.015	0.224	0.000	0.00	0.49
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.015	0.224	0.000	21.41	8.85
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.015	0.224	0.000	21.41	8.85
142.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.81
142.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.145	0.227	0.000	26.93	27.29
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.49
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	8.85
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	8.85
144.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.81
144.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.274	0.230	0.000	27.04	27.29
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.49
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	8.85

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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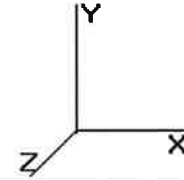
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Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 32 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 0.90
Wind Load Factor : 1.60

144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	8.85
145.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.41
145.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	32.338	0.232	0.000	13.55	13.64
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.24
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	4.43
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	4.43
146.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.41
146.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.402	0.162	1.186	0.00	13.64
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.24
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.402	0.162	1.186	0.00	4.43
148.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.81
148.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.528	0.163	1.190	0.00	27.29
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.49
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.528	0.163	1.190	0.00	8.85
149.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.41
149.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.590	0.165	1.195	0.00	13.64
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.24
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.590	0.165	1.195	0.00	4.43
150.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.41
150.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.653	0.166	1.199	0.00	13.64
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.24
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.653	0.166	1.199	0.00	4.43
152.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.81
152.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.777	0.168	1.204	0.00	27.29
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.49
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.777	0.168	1.204	0.00	8.85
152.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.20
152.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	32.807	0.170	1.209	0.00	6.82
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.12
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	32.807	0.170	1.209	0.00	2.21
154.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.61
154.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	32.899	0.168	1.205	0.00	20.47
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.36
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	32.899	0.168	1.205	0.00	6.64
156.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.81
156.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.021	0.170	1.211	0.00	27.29
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.49
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.021	0.170	1.211	0.00	8.85
158.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.81
158.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.141	0.173	1.218	0.00	27.29
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.49
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.141	0.173	1.218	0.00	8.85
160.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.81
160.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.260	0.175	1.226	0.00	27.29
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.49
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.260	0.175	1.226	0.00	8.85
162.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.81
162.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.379	0.178	1.233	0.00	27.29
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.49
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.379	0.178	1.233	0.00	8.85
164.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.81
164.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.496	0.180	1.241	0.00	27.29
164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.49
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.496	0.180	1.241	0.00	8.85
166.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.81
166.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.612	0.183	1.250	0.00	27.29
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.49

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W

110.00 mph with No Ice (Reduced DL)

32 Iterations

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

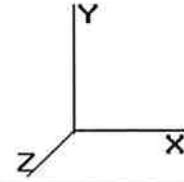
Wind Importance Factor : 1.00

166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.612	0.183	1.250	0.00	8.85
167.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.41
167.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.670	0.185	1.256	0.00	13.64
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.24
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.670	0.185	1.256	0.00	4.43
168.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.41
168.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.727	0.187	1.260	0.00	13.64
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.24
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.727	0.187	1.260	0.00	4.43
170.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.81
170.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.842	0.189	1.267	0.00	27.29
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.49
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.842	0.189	1.267	0.00	8.85
172.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.81
172.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.955	0.192	1.276	0.00	27.29
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.49
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.955	0.192	1.276	0.00	8.85
174.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.81
174.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.067	0.195	1.285	0.00	27.29
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.49
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	34.067	0.195	1.285	0.00	8.85
175.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.41
175.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.123	0.197	1.292	0.00	13.64
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.24
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	34.123	0.197	1.292	0.00	4.43
176.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.41
176.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.179	0.111	1.032	0.00	13.64
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.24
178.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.81
178.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.289	0.112	1.036	0.00	27.29
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.49
180.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.81
180.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.399	0.114	1.042	0.00	27.29
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.49
182.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.81
182.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.508	0.116	1.048	0.00	27.29
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.49
183.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.41
183.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.562	0.118	1.053	0.00	13.64
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.24

Totals: 5,590.99 3,916.49

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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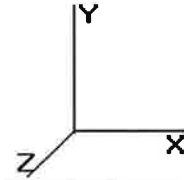
Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 32 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
2.00	193.20	599.62	0.00	0.00
4.00	191.81	596.22	0.00	0.00
6.00	190.41	660.91	0.00	0.00
8.00	423.50	725.60	0.00	0.00
10.00	420.92	722.20	0.00	0.00
12.00	418.35	718.80	0.00	0.00
14.00	415.77	715.40	0.00	0.00
16.00	413.19	712.00	0.00	0.00
18.00	410.62	708.60	0.00	0.00
20.00	408.04	705.20	0.00	0.00
22.00	405.47	701.80	0.00	0.00
24.00	402.89	698.40	0.00	0.00
26.00	400.32	695.00	0.00	0.00
28.00	397.74	691.60	0.00	0.00
28.50	99.03	172.37	0.00	0.00
30.00	301.91	836.61	0.00	0.00
32.00	407.74	1,109.53	0.00	0.00
34.00	412.19	1,102.73	0.00	0.00
35.00	206.80	548.82	0.00	0.00
36.00	207.79	343.43	0.00	0.00
38.00	419.98	684.31	0.00	0.00
40.00	423.39	680.91	0.00	0.00
42.00	426.49	677.51	0.00	0.00
44.00	429.32	674.11	0.00	0.00
46.00	431.90	670.71	0.00	0.00
48.00	434.23	667.31	0.00	0.00
50.00	437.60	664.45	0.00	0.32
52.00	438.24	660.51	0.00	0.00
54.00	439.95	657.11	0.00	0.00
56.00	441.46	653.71	0.00	0.00
58.00	442.80	650.31	0.00	0.00
60.00	450.70	936.14	0.00	0.00
62.00	451.77	930.19	0.00	0.00
63.50	339.05	693.74	0.00	0.00
64.00	112.87	138.24	0.00	0.00
66.00	453.45	551.35	0.00	0.00
68.00	454.08	548.80	0.00	0.00
70.00	454.57	546.25	0.00	0.00
72.00	454.94	543.70	0.00	0.00
74.00	455.18	541.15	0.00	0.00
76.00	455.30	538.60	0.00	0.00
78.00	455.30	536.05	0.00	0.00
80.00	455.19	533.50	0.00	0.00
82.00	454.98	530.95	0.00	0.00
84.00	454.66	528.40	0.00	0.00
86.00	454.25	525.85	0.00	0.00
88.00	453.74	523.30	0.00	0.00
90.00	459.43	734.07	0.00	0.00
92.00	458.78	729.40	0.00	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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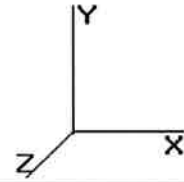
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Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

93.00	228.76	362.94	0.00	0.00
94.00	228.57	239.16	0.00	0.00
96.00	457.20	476.72	0.00	0.00
98.00	456.29	474.60	0.00	0.00
100.0	455.29	472.47	0.00	0.00
102.0	454.22	470.35	0.00	0.00
104.0	453.07	468.22	0.00	0.00
105.0	225.77	233.31	0.00	0.00
106.0	225.46	165.98	0.00	0.00
108.0	450.55	330.37	0.00	0.00
110.0	449.18	328.25	0.00	0.00
112.0	183.65	326.12	0.00	0.00
114.0	182.54	324.00	0.00	0.00
116.0	181.39	321.87	0.00	0.00
116.5	45.08	80.14	0.00	0.00
118.0	137.18	351.64	0.00	0.00
120.0	402.59	465.51	0.00	0.00
121.0	200.33	231.32	0.00	0.00
122.0	199.84	140.97	0.00	0.00
124.0	398.65	280.66	0.00	0.00
126.0	5,594.65	2,477.66	0.00	0.00
128.0	394.48	256.66	0.00	0.00
130.0	392.31	254.96	0.00	0.00
132.0	390.09	253.26	0.00	0.00
134.0	387.81	251.56	0.00	0.00
136.0	385.49	249.86	0.00	0.00
138.0	383.11	248.15	0.00	0.00
140.0	380.69	246.45	0.00	0.00
142.0	378.21	244.75	0.00	0.00
144.0	375.69	243.05	0.00	0.00
145.0	1,238.81	470.18	0.00	0.00
146.0	81.69	111.61	0.00	0.00
148.0	162.37	221.94	0.00	0.00
149.0	80.51	110.33	0.00	0.00
150.0	81.30	156.44	0.00	0.00
152.0	161.55	310.65	0.00	0.00
152.5	40.08	77.20	0.00	0.00
154.0	119.73	141.40	0.00	0.00
156.0	158.28	187.42	0.00	0.00
158.0	156.61	186.14	0.00	0.00
160.0	154.92	184.87	0.00	0.00
162.0	153.21	183.59	0.00	0.00
164.0	151.48	182.32	0.00	0.00
166.0	149.73	181.04	0.00	0.00
167.0	4,568.16	2,553.34	0.00	-2,619.06
168.0	73.69	68.37	0.00	0.00
170.0	146.17	135.78	0.00	0.00
172.0	144.36	134.51	0.00	0.00
174.0	142.53	133.23	0.00	0.00
175.0	956.53	317.42	0.00	0.00
176.0	70.05	61.39	0.00	0.00
178.0	138.81	121.83	0.00	0.00
180.0	136.92	120.55	0.00	0.00
182.0	135.02	119.28	0.00	0.00
183.0	4,807.63	2,217.54	0.00	4,762.73
Totals:	48,509.56	51,674.81	0.00	2,143.99

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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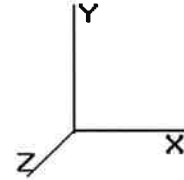
Load Case: 0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)	32 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-51.63	-48.56	0.00	-5,406.58	0.00	5,406.58	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.946
2.00	-50.94	-48.45	0.00	-5,309.47	0.00	5,309.47	4,332.44	2,166.22	8,482.10	4,247.36	0.02	-0.10	0.941
4.00	-50.26	-48.35	0.00	-5,212.56	0.00	5,212.56	4,300.71	2,150.36	8,357.68	4,185.05	0.09	-0.20	0.935
6.00	-49.52	-48.24	0.00	-5,115.87	0.00	5,115.87	4,268.98	2,134.49	8,234.19	4,123.21	0.20	-0.31	0.929
8.00	-48.71	-47.90	0.00	-5,019.38	0.00	5,019.38	4,237.26	2,118.63	8,111.60	4,061.83	0.35	-0.41	0.923
10.00	-47.90	-47.56	0.00	-4,923.57	0.00	4,923.57	4,205.53	2,102.76	7,989.95	4,000.91	0.54	-0.51	0.917
12.00	-47.11	-47.22	0.00	-4,828.45	0.00	4,828.45	4,173.80	2,086.90	7,869.20	3,940.45	0.78	-0.61	0.911
14.00	-46.31	-46.88	0.00	-4,734.01	0.00	4,734.01	4,142.07	2,071.04	7,749.38	3,880.45	1.06	-0.72	0.904
16.00	-45.52	-46.54	0.00	-4,640.25	0.00	4,640.25	4,110.34	2,055.17	7,630.48	3,820.91	1.38	-0.82	0.898
18.00	-44.74	-46.20	0.00	-4,547.18	0.00	4,547.18	4,078.62	2,039.31	7,512.50	3,761.83	1.74	-0.92	0.891
20.00	-43.96	-45.86	0.00	-4,454.78	0.00	4,454.78	4,046.89	2,023.44	7,395.44	3,703.21	2.15	-1.02	0.885
22.00	-43.18	-45.52	0.00	-4,363.07	0.00	4,363.07	4,015.16	2,007.58	7,279.29	3,645.06	2.60	-1.13	0.878
24.00	-42.41	-45.17	0.00	-4,272.04	0.00	4,272.04	3,983.43	1,991.72	7,164.07	3,587.36	3.10	-1.23	0.871
26.00	-41.64	-44.83	0.00	-4,181.70	0.00	4,181.70	3,951.70	1,975.85	7,049.76	3,530.12	3.63	-1.33	0.864
28.00	-40.91	-44.46	0.00	-4,092.03	0.00	4,092.03	3,919.98	1,959.99	6,936.37	3,473.34	4.21	-1.43	0.857
28.50	-40.70	-44.40	0.00	-4,069.80	0.00	4,069.80	3,912.04	1,956.02	6,908.17	3,459.22	4.36	-1.46	0.855
30.00	-39.81	-44.14	0.00	-4,003.20	0.00	4,003.20	3,888.25	1,944.12	6,823.91	3,417.03	4.83	-1.54	0.840
32.00	-38.63	-43.77	0.00	-3,914.93	0.00	3,914.93	3,856.52	1,928.26	6,712.36	3,361.17	5.50	-1.64	0.832
34.00	-37.48	-43.37	0.00	-3,827.41	0.00	3,827.41	3,824.79	1,912.40	6,601.73	3,305.77	6.21	-1.74	0.825
35.00	-36.90	-43.18	0.00	-3,784.03	0.00	3,784.03	3,899.62	1,949.81	6,864.12	3,437.16	6.58	-1.79	0.799
36.00	-36.51	-43.01	0.00	-3,740.86	0.00	3,740.86	3,883.76	1,941.88	6,808.07	3,409.09	6.96	-1.84	0.795
38.00	-35.77	-42.63	0.00	-3,654.84	0.00	3,654.84	3,852.03	1,926.02	6,696.65	3,353.30	7.75	-1.94	0.787
40.00	-35.03	-42.24	0.00	-3,569.59	0.00	3,569.59	3,820.30	1,910.15	6,586.15	3,297.97	8.58	-2.03	0.780
42.00	-34.30	-41.84	0.00	-3,485.12	0.00	3,485.12	3,788.58	1,894.29	6,476.57	3,243.10	9.45	-2.13	0.772
44.00	-33.58	-41.45	0.00	-3,401.43	0.00	3,401.43	3,756.85	1,878.42	6,367.91	3,188.69	10.36	-2.22	0.764
46.00	-32.86	-41.04	0.00	-3,318.54	0.00	3,318.54	3,725.12	1,862.56	6,260.17	3,134.74	11.32	-2.32	0.755
48.00	-32.14	-40.63	0.00	-3,236.46	0.00	3,236.46	3,693.39	1,846.70	6,153.35	3,081.25	12.31	-2.41	0.747
50.00	-31.43	-40.22	0.00	-3,155.20	0.00	3,155.20	3,661.66	1,830.83	6,047.45	3,028.22	13.34	-2.51	0.739
52.00	-30.72	-39.80	0.00	-3,074.76	0.00	3,074.76	3,629.94	1,814.97	5,942.47	2,975.65	14.41	-2.60	0.730
54.00	-30.02	-39.38	0.00	-2,995.15	0.00	2,995.15	3,598.21	1,799.10	5,838.41	2,923.54	15.52	-2.69	0.721
56.00	-29.33	-38.96	0.00	-2,916.39	0.00	2,916.39	3,566.48	1,783.24	5,735.26	2,871.89	16.67	-2.79	0.712
58.00	-28.64	-38.53	0.00	-2,838.48	0.00	2,838.48	3,534.75	1,767.38	5,633.04	2,820.71	17.85	-2.88	0.703
60.00	-27.66	-38.08	0.00	-2,761.42	0.00	2,761.42	3,503.02	1,751.51	5,531.73	2,769.98	19.08	-2.97	0.687
62.00	-26.71	-37.61	0.00	-2,685.27	0.00	2,685.27	3,471.30	1,735.65	5,431.35	2,719.71	20.35	-3.07	0.678
63.50	-26.00	-37.26	0.00	-2,628.85	0.00	2,628.85	3,158.12	1,579.06	5,037.43	2,522.46	21.32	-3.13	0.662
64.00	-25.83	-37.17	0.00	-2,610.22	0.00	2,610.22	3,152.80	1,576.40	5,017.53	2,512.49	21.65	-3.16	0.659
66.00	-25.24	-36.73	0.00	-2,535.89	0.00	2,535.89	3,131.44	1,565.72	4,938.17	2,472.75	23.00	-3.26	0.647
68.00	-24.65	-36.29	0.00	-2,462.43	0.00	2,462.43	3,109.92	1,554.96	4,859.19	2,433.21	24.39	-3.37	0.636
70.00	-24.07	-35.85	0.00	-2,389.85	0.00	2,389.85	3,081.37	1,540.68	4,769.94	2,388.51	25.82	-3.47	0.626
72.00	-23.49	-35.40	0.00	-2,318.16	0.00	2,318.16	3,052.81	1,526.41	4,681.51	2,344.23	27.29	-3.57	0.616
74.00	-22.92	-34.95	0.00	-2,247.36	0.00	2,247.36	3,024.26	1,512.13	4,593.91	2,300.37	28.81	-3.67	0.606
76.00	-22.35	-34.50	0.00	-2,177.46	0.00	2,177.46	2,995.70	1,497.85	4,507.14	2,256.92	30.37	-3.78	0.595
78.00	-21.78	-34.05	0.00	-2,108.45	0.00	2,108.45	2,967.15	1,483.57	4,421.19	2,213.88	31.97	-3.88	0.585
80.00	-21.22	-33.60	0.00	-2,040.35	0.00	2,040.35	2,938.59	1,469.30	4,336.07	2,171.26	33.62	-3.97	0.574
82.00	-20.67	-33.14	0.00	-1,973.16	0.00	1,973.16	2,910.04	1,455.02	4,251.78	2,129.05	35.30	-4.07	0.563
84.00	-20.12	-32.68	0.00	-1,906.88	0.00	1,906.88	2,881.48	1,440.74	4,168.32	2,087.26	37.03	-4.17	0.552
86.00	-19.58	-32.22	0.00	-1,841.51	0.00	1,841.51	2,852.93	1,426.46	4,085.69	2,045.88	38.80	-4.27	0.541
88.00	-19.03	-31.76	0.00	-1,777.06	0.00	1,777.06	2,824.37	1,412.19	4,003.88	2,004.91	40.61	-4.36	0.530
90.00	-18.29	-31.28	0.00	-1,713.54	0.00	1,713.54	2,795.82	1,397.91	3,922.90	1,964.36	42.45	-4.46	0.513
92.00	-17.56	-30.79	0.00	-1,650.98	0.00	1,650.98	2,767.26	1,383.63	3,842.74	1,924.23	44.34	-4.55	0.501
93.00	-17.19	-30.54	0.00	-1,620.19	0.00	1,620.19	2,292.76	1,146.38	3,238.31	1,621.56	45.30	-4.60	0.552

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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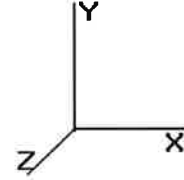
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Load Case: 0.9D + 1.6W 110.00 mph with No Ice (Reduced DL) 32 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

94.00	-16.93	-30.32	0.00	-1,589.65	0.00	1,589.65	2,284.25	1,142.13	3,209.75	1,607.26	46.26	-4.64	0.545
96.00	-16.45	-29.85	0.00	-1,529.02	0.00	1,529.02	2,267.14	1,133.57	3,152.86	1,578.78	48.23	-4.74	0.530
98.00	-15.96	-29.38	0.00	-1,469.32	0.00	1,469.32	2,249.90	1,124.95	3,096.30	1,550.45	50.23	-4.83	0.515
100.00	-15.48	-28.91	0.00	-1,410.56	0.00	1,410.56	2,232.54	1,116.27	3,040.06	1,522.29	52.27	-4.93	0.501
102.00	-15.01	-28.44	0.00	-1,352.73	0.00	1,352.73	2,215.04	1,107.52	2,984.14	1,494.29	54.35	-5.02	0.486
104.00	-14.55	-27.97	0.00	-1,295.85	0.00	1,295.85	2,197.42	1,098.71	2,928.57	1,466.46	56.47	-5.11	0.471
105.00	-14.32	-27.73	0.00	-1,267.88	0.00	1,267.88	2,188.56	1,094.28	2,900.91	1,452.61	57.55	-5.15	0.464
105.00	-14.32	-27.73	0.00	-1,267.88	0.00	1,267.88	2,188.56	1,094.28	2,900.91	1,452.61	57.55	-5.15	0.880
106.00	-14.12	-27.52	0.00	-1,240.14	0.00	1,240.14	2,179.67	1,089.83	2,873.33	1,438.80	58.63	-5.20	0.869
108.00	-13.76	-27.08	0.00	-1,185.11	0.00	1,185.11	2,161.78	1,080.89	2,818.44	1,411.32	60.84	-5.36	0.847
110.00	-13.40	-26.64	0.00	-1,130.95	0.00	1,130.95	2,138.65	1,069.33	2,757.31	1,380.70	63.12	-5.53	0.826
112.00	-13.02	-26.46	0.00	-1,077.67	0.00	1,077.67	2,114.86	1,057.43	2,695.99	1,350.00	65.46	-5.69	0.805
114.00	-12.64	-26.28	0.00	-1,024.74	0.00	1,024.74	2,091.06	1,045.53	2,635.36	1,319.64	67.88	-5.85	0.783
116.00	-12.29	-26.09	0.00	-972.18	0.00	972.18	2,067.27	1,033.63	2,575.43	1,289.63	70.36	-6.00	0.760
116.50	-12.18	-26.05	0.00	-959.13	0.00	959.13	2,061.32	1,030.66	2,560.55	1,282.18	70.99	-6.04	0.755
118.00	-11.79	-25.91	0.00	-920.05	0.00	920.05	2,043.47	1,021.73	2,516.18	1,259.96	72.90	-6.16	0.737
120.00	-11.32	-25.48	0.00	-868.24	0.00	868.24	2,019.67	1,009.84	2,457.62	1,230.64	75.51	-6.31	0.712
121.00	-11.08	-25.27	0.00	-842.76	0.00	842.76	1,562.89	781.45	1,930.84	966.86	76.83	-6.38	0.880
122.00	-10.91	-25.08	0.00	-817.50	0.00	817.50	1,556.55	778.28	1,911.74	957.29	78.18	-6.45	0.862
124.00	-10.60	-24.68	0.00	-767.34	0.00	767.34	1,543.77	771.89	1,873.68	938.23	80.91	-6.62	0.826
126.00	-8.74	-18.86	0.00	-717.99	0.00	717.99	1,530.87	765.43	1,835.84	919.28	83.71	-6.78	0.787
128.00	-8.49	-18.46	0.00	-680.27	0.00	680.27	1,517.84	758.92	1,798.22	900.45	86.58	-6.94	0.762
130.00	-8.23	-18.06	0.00	-643.35	0.00	643.35	1,504.67	752.34	1,760.83	881.72	89.52	-7.10	0.736
132.00	-7.98	-17.66	0.00	-607.23	0.00	607.23	1,491.38	745.69	1,723.67	863.12	92.52	-7.25	0.709
134.00	-7.74	-17.27	0.00	-571.90	0.00	571.90	1,477.96	738.98	1,686.75	844.63	95.58	-7.40	0.683
136.00	-7.50	-16.87	0.00	-537.37	0.00	537.37	1,464.41	732.21	1,650.07	826.26	98.71	-7.55	0.656
138.00	-7.26	-16.48	0.00	-503.63	0.00	503.63	1,450.74	725.37	1,613.64	808.02	101.89	-7.69	0.629
140.00	-7.03	-16.08	0.00	-470.68	0.00	470.68	1,436.93	718.47	1,577.47	789.91	105.13	-7.83	0.601
142.00	-6.81	-15.69	0.00	-438.51	0.00	438.51	1,423.00	711.50	1,541.56	771.93	108.43	-7.97	0.573
144.00	-6.59	-15.30	0.00	-407.13	0.00	407.13	1,408.93	704.47	1,505.92	754.08	111.79	-8.10	0.545
145.00	-6.29	-14.01	0.00	-391.84	0.00	391.84	1,401.85	700.93	1,488.20	745.20	113.49	-8.16	0.531
146.00	-6.16	-13.92	0.00	-377.83	0.00	377.83	1,394.74	697.37	1,470.54	736.36	115.20	-8.22	0.518
148.00	-5.95	-13.74	0.00	-349.98	0.00	349.98	1,379.83	689.92	1,434.84	718.48	118.66	-8.35	0.492
149.00	-5.83	-13.65	0.00	-336.24	0.00	336.24	1,370.32	685.16	1,415.01	708.56	120.41	-8.41	0.479
150.00	-5.67	-13.56	0.00	-322.59	0.00	322.59	1,360.80	680.40	1,395.33	698.70	122.17	-8.46	0.466
152.00	-5.37	-13.36	0.00	-295.48	0.00	295.48	1,341.76	670.88	1,356.37	679.19	125.72	-8.58	0.439
152.50	-5.29	-13.31	0.00	-288.80	0.00	288.80	942.35	471.17	968.66	485.05	126.62	-8.60	0.602
154.00	-5.14	-13.18	0.00	-268.84	0.00	268.84	935.87	467.94	951.84	476.63	129.33	-8.68	0.570
156.00	-4.95	-13.01	0.00	-242.48	0.00	242.48	927.12	463.56	929.51	465.45	132.98	-8.81	0.527
158.00	-4.77	-12.83	0.00	-216.47	0.00	216.47	918.25	459.12	907.31	454.33	136.68	-8.93	0.482
160.00	-4.59	-12.66	0.00	-190.81	0.00	190.81	909.24	454.62	885.24	443.28	140.43	-9.04	0.436
162.00	-4.41	-12.49	0.00	-165.49	0.00	165.49	900.11	450.06	863.31	432.30	144.23	-9.14	0.388
164.00	-4.23	-12.31	0.00	-140.52	0.00	140.52	890.85	445.42	841.52	421.39	148.06	-9.23	0.339
166.00	-4.07	-12.14	0.00	-115.90	0.00	115.90	881.46	440.73	819.88	410.55	151.93	-9.31	0.288
167.00	-2.29	-7.22	0.00	-103.76	0.00	103.76	876.72	438.36	809.12	405.16	153.88	-9.35	0.259
168.00	-2.22	-7.14	0.00	-96.54	0.00	96.54	871.94	435.97	798.40	399.79	155.83	-9.38	0.244
170.00	-2.11	-6.97	0.00	-82.26	0.00	82.26	862.29	431.15	777.07	389.11	159.76	-9.44	0.214
172.00	-1.99	-6.81	0.00	-68.31	0.00	68.31	852.52	426.26	755.91	378.52	163.71	-9.50	0.183
174.00	-1.88	-6.65	0.00	-54.69	0.00	54.69	842.61	421.31	734.92	368.01	167.68	-9.54	0.151
175.00	-1.72	-5.65	0.00	-48.04	0.00	48.04	837.61	418.81	724.49	362.78	169.67	-9.56	0.135
176.00	-1.67	-5.58	0.00	-42.39	0.00	42.39	832.58	416.29	714.11	357.59	171.67	-9.58	0.121
178.00	-1.57	-5.42	0.00	-31.24	0.00	31.24	822.42	411.21	693.48	347.26	175.67	-9.61	0.092
180.00	-1.48	-5.26	0.00	-20.40	0.00	20.40	812.13	406.06	673.04	337.02	179.68	-9.64	0.063
182.00	-1.38	-5.11	0.00	-9.87	0.00	9.87	801.71	400.85	652.79	326.88	183.70	-9.65	0.032
183.00	0.00	-4.81	0.00	-4.76	0.00	4.76	796.45	398.23	642.74	321.85	185.72	-9.65	0.015

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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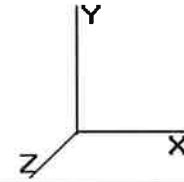
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.133	2.00	8.576	10.29	48.2	140.3	895.3
4.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.215	2.00	8.544	10.25	48.0	149.5	900.0
6.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.265	2.00	8.502	10.20	47.8	154.8	900.7
8.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.302	2.00	8.455	10.15	47.5	158.3	899.6
10.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.331	2.00	8.406	10.09	47.2	160.8	897.6
12.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.356	2.00	8.355	10.03	46.9	162.6	894.9
14.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.377	2.00	8.302	9.96	46.6	164.0	891.8
16.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.395	2.00	8.249	9.90	46.3	165.1	888.3
18.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.412	2.00	8.196	9.83	46.0	165.8	884.5
20.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.427	2.00	8.141	9.77	45.7	166.4	880.6
22.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.440	2.00	8.087	9.70	45.4	166.8	876.4
24.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.453	2.00	8.032	9.64	45.1	167.0	872.1
26.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.465	2.00	7.976	9.57	44.8	167.1	867.7
28.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.476	2.00	7.921	9.51	44.5	167.1	863.1
28.50	Bot - Section 2	1.00	0.70	4.256	4.682	0.000	1.200	* 1.478	0.50	1.971	2.37	11.1	41.8	215.1
30.00		1.00	0.70	4.260	4.686	0.000	1.200	* 1.486	1.50	6.020	7.22	33.8	128.0	1,073.9
32.00		1.00	0.71	4.339	4.773	0.000	1.200	* 1.495	2.00	7.978	9.57	45.7	170.5	1,423.8
34.00		1.00	0.72	4.415	4.856	0.000	1.200	* 1.504	2.00	7.922	9.51	46.2	170.3	1,414.5
35.00	Top - Section 1	1.00	0.73	4.451	4.897	0.000	1.200	* 1.509	1.00	3.940	4.73	23.1	85.1	703.8
36.00		1.00	0.73	4.487	4.936	0.000	1.200	* 1.513	1.00	3.926	4.71	23.3	85.0	429.8
38.00		1.00	0.75	4.557	5.013	0.000	1.200	* 1.521	2.00	7.809	9.37	47.0	169.6	855.9
40.00		1.00	0.76	4.625	5.087	0.000	1.200	* 1.529	2.00	7.753	9.30	47.3	169.1	850.9
42.00		1.00	0.77	4.689	5.158	0.000	1.200	* 1.537	2.00	7.696	9.24	47.6	168.7	845.9
44.00		1.00	0.78	4.752	5.227	0.000	1.200	* 1.544	2.00	7.639	9.17	47.9	168.1	840.8
46.00		1.00	0.79	4.813	5.294	0.000	1.200	* 1.551	2.00	7.582	9.10	48.2	167.5	835.7
48.00		1.00	0.80	4.872	5.359	0.000	1.200	* 1.557	2.00	7.525	9.03	48.4	166.9	830.6
50.00	Appertunance(s)	1.00	0.81	4.929	5.422	0.000	1.200	* 1.564	2.00	7.468	8.96	48.6	166.2	825.4
52.00		1.00	0.82	4.984	5.483	0.000	1.200	* 1.570	2.00	7.411	8.89	48.8	165.5	820.1
54.00		1.00	0.82	5.039	5.542	0.000	1.200	* 1.576	2.00	7.354	8.82	48.9	164.8	814.9
56.00		1.00	0.83	5.091	5.600	0.000	1.200	* 1.581	2.00	7.297	8.76	49.0	164.0	809.6
58.00	Bot - Section 3	1.00	0.84	5.142	5.657	0.000	1.200	* 1.587	2.00	7.239	8.69	49.1	163.3	804.2
60.00		1.00	0.85	5.193	5.712	0.000	1.200	* 1.592	2.00	7.309	8.77	50.1	165.4	1,187.5
62.00		1.00	0.86	5.241	5.766	0.000	1.200	* 1.598	2.00	7.251	8.70	50.2	164.6	1,178.7
63.50	Top - Section 2	1.00	0.86	5.277	5.805	0.000	1.200	* 1.601	1.50	5.401	6.48	37.6	123.0	878.4
64.00		1.00	0.87	5.289	5.818	0.000	1.200	* 1.603	0.50	1.793	2.15	12.5	40.9	168.7
66.00		1.00	0.87	5.336	5.869	0.000	1.200	* 1.608	2.00	7.136	8.56	50.3	162.8	671.9
68.00		1.00	0.88	5.382	5.920	0.000	1.200	* 1.612	2.00	7.079	8.49	50.3	161.9	667.6
70.00		1.00	0.89	5.426	5.969	0.000	1.200	* 1.617	2.00	7.021	8.43	50.3	161.0	663.2
72.00		1.00	0.90	5.470	6.017	0.000	1.200	* 1.622	2.00	6.963	8.36	50.3	160.1	658.9
74.00		1.00	0.90	5.513	6.064	0.000	1.200	* 1.626	2.00	6.906	8.29	50.3	159.1	654.5
76.00		1.00	0.91	5.555	6.111	0.000	1.200	* 1.631	2.00	6.848	8.22	50.2	158.1	650.1
78.00		1.00	0.92	5.597	6.156	0.000	1.200	* 1.635	2.00	6.790	8.15	50.2	157.1	645.7
80.00		1.00	0.92	5.637	6.201	0.000	1.200	* 1.639	2.00	6.732	8.08	50.1	156.1	641.3
82.00		1.00	0.93	5.677	6.245	0.000	1.200	* 1.643	2.00	6.674	8.01	50.0	155.0	636.9
84.00		1.00	0.94	5.716	6.288	0.000	1.200	* 1.647	2.00	6.616	7.94	49.9	154.0	632.4
86.00		1.00	0.94	5.755	6.331	0.000	1.200	* 1.651	2.00	6.559	7.87	49.8	152.9	627.9
88.00	Bot - Section 4	1.00	0.95	5.793	6.372	0.000	1.200	* 1.655	2.00	6.501	7.80	49.7	151.8	623.5
90.00		1.00	0.95	5.830	6.413	0.000	1.200	* 1.658	2.00	6.548	7.86	50.4	153.3	906.0
92.00		1.00	0.96	5.867	6.454	0.000	1.200	* 1.662	2.00	6.490	7.79	50.3	152.2	898.6
93.00	Top - Section 3	1.00	0.96	5.885	6.474	0.000	1.200	* 1.664	1.00	3.223	3.87	25.0	75.8	446.7

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

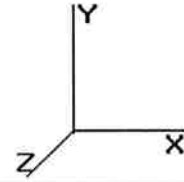
94.00		1.00	0.97	5.903	6.493	0.000	1.200	*	1.666	1.00	3.209	3.85	25.0	75.6	281.4
96.00		1.00	0.97	5.939	6.533	0.000	1.200	*	1.669	2.00	6.374	7.65	50.0	150.0	559.5
98.00		1.00	0.98	5.974	6.571	0.000	1.200	*	1.672	2.00	6.316	7.58	49.8	148.8	555.5
100.0		1.00	0.98	6.008	6.609	0.000	1.200	*	1.676	2.00	6.258	7.51	49.6	147.7	551.5
102.0		1.00	0.99	6.043	6.647	0.000	1.200	*	1.679	2.00	6.200	7.44	49.5	146.5	547.5
104.0		1.00	0.99	6.076	6.684	0.000	1.200	*	1.682	2.00	6.142	7.37	49.3	145.3	543.5
105.0	Reinf. Top	1.00	1.00	6.093	6.702	0.000	1.200	*	1.684	1.00	3.049	3.66	24.5	72.4	270.4
106.0		1.00	1.00	6.109	6.720	0.000	1.200	*	1.686	1.00	3.035	3.64	24.5	72.1	202.6
108.0		1.00	1.01	6.142	6.756	0.000	1.200	*	1.689	2.00	6.026	7.23	48.9	142.9	401.9
110.0		1.00	1.01	6.174	6.792	0.000	1.200	*	1.692	2.00	5.968	7.16	48.6	141.7	397.8
112.0		1.00	1.02	6.206	6.827	0.000	1.200	*	1.695	2.00	5.909	7.09	48.4	140.5	393.8
114.0		1.00	1.02	6.238	6.861	0.000	1.200	*	1.698	2.00	5.851	7.02	48.2	139.3	389.7
116.0		1.00	1.03	6.269	6.896	0.000	1.200	*	1.701	2.00	5.793	6.95	47.9	138.1	385.6
116.5	Bot - Section 5	1.00	1.03	6.276	6.904	0.000	1.200	*	1.702	0.50	1.439	1.73	11.9	34.4	95.9
118.0		1.00	1.03	6.299	6.929	0.000	1.200	*	1.704	1.50	4.359	5.23	36.2	104.2	436.9
120.0		1.00	1.04	6.330	6.963	0.000	1.200	*	1.707	2.00	5.761	6.91	48.1	137.7	576.8
121.0	Top - Section 4	1.00	1.04	6.345	6.979	0.000	1.200	*	1.708	1.00	2.859	3.43	23.9	68.5	286.2
122.0		1.00	1.04	6.360	6.996	0.000	1.200	*	1.710	1.00	2.844	3.41	23.9	68.2	165.4
124.0		1.00	1.05	6.389	7.028	0.000	1.200	*	1.712	2.00	5.645	6.77	47.6	135.2	327.8
126.0	Appertunance(s)	1.00	1.05	6.419	7.060	0.000	1.200	*	1.715	2.00	5.586	6.70	47.3	133.9	324.3
128.0		1.00	1.06	6.448	7.092	0.000	1.200	*	1.718	2.00	5.528	6.63	47.0	132.6	320.7
130.0		1.00	1.06	6.476	7.124	0.000	1.200	*	1.720	2.00	5.470	6.56	46.8	131.3	317.2
132.0		1.00	1.07	6.504	7.155	0.000	1.200	*	1.723	2.00	5.411	6.49	46.5	130.0	313.6
134.0		1.00	1.07	6.532	7.186	0.000	1.200	*	1.726	2.00	5.353	6.42	46.2	128.7	310.0
136.0		1.00	1.07	6.560	7.216	0.000	1.200	*	1.728	2.00	5.295	6.35	45.8	127.4	306.4
138.0		1.00	1.08	6.588	7.246	0.000	1.200	*	1.731	2.00	5.236	6.28	45.5	126.1	302.9
140.0		1.00	1.08	6.615	7.276	0.000	1.200	*	1.733	2.00	5.178	6.21	45.2	124.7	299.3
142.0		1.00	1.09	6.642	7.306	0.000	1.200	*	1.736	2.00	5.119	6.14	44.9	123.4	295.7
144.0		1.00	1.09	6.668	7.335	0.000	1.200	*	1.738	2.00	5.061	6.07	44.5	122.1	292.1
145.0	Appertunance(s)	1.00	1.09	6.681	7.350	0.000	1.200	*	1.739	1.00	2.509	3.01	22.1	60.7	144.8
146.0		1.00	1.10	6.695	7.364	0.000	1.200	*	1.741	1.00	2.494	2.99	22.0	60.4	143.9
148.0		1.00	1.10	6.721	7.393	0.000	1.200	*	1.743	2.00	4.944	5.93	43.9	119.4	284.8
149.0	Bot - Section 6	1.00	1.10	6.734	7.407	0.000	1.200	*	1.744	1.00	2.450	2.94	21.8	59.3	141.2
150.0		1.00	1.11	6.746	7.421	0.000	1.200	*	1.745	1.00	2.467	2.96	22.0	59.8	203.2
152.0		1.00	1.11	6.772	7.449	0.000	1.200	*	1.748	2.00	4.891	5.87	43.7	118.3	402.0
152.5	Top - Section 5	1.00	1.11	6.778	7.456	0.000	1.200	*	1.748	0.50	1.214	1.46	10.9	29.5	99.8
154.0		1.00	1.11	6.797	7.477	0.000	1.200	*	1.750	1.50	3.619	4.34	32.5	87.7	178.4
156.0		1.00	1.12	6.822	7.505	0.000	1.200	*	1.752	2.00	4.774	5.73	43.0	115.5	235.0
158.0		1.00	1.12	6.847	7.532	0.000	1.200	*	1.754	2.00	4.715	5.66	42.6	114.2	231.9
160.0		1.00	1.13	6.872	7.559	0.000	1.200	*	1.757	2.00	4.657	5.59	42.2	112.8	228.8
162.0		1.00	1.13	6.896	7.586	0.000	1.200	*	1.759	2.00	4.599	5.52	41.9	111.4	225.7
164.0		1.00	1.13	6.921	7.613	0.000	1.200	*	1.761	2.00	4.540	5.45	41.5	110.0	222.6
166.0		1.00	1.14	6.945	7.639	0.000	1.200	*	1.763	2.00	4.482	5.38	41.1	108.6	219.5
167.0	Appertunance(s)	1.00	1.14	6.957	7.652	0.000	1.200	*	1.764	1.00	2.219	2.66	20.4	53.9	108.8
168.0		1.00	1.14	6.968	7.665	0.000	1.200	*	1.765	1.00	2.204	2.64	20.3	53.6	108.0
170.0		1.00	1.15	6.992	7.691	0.000	1.200	*	1.767	2.00	4.365	5.24	40.3	105.8	213.3
172.0		1.00	1.15	7.015	7.717	0.000	1.200	*	1.769	2.00	4.306	5.17	39.9	104.3	210.1
174.0		1.00	1.15	7.039	7.743	0.000	1.200	*	1.771	2.00	4.248	5.10	39.5	102.9	207.0
175.0	Appertunance(s)	1.00	1.16	7.050	7.755	0.000	1.200	*	1.772	1.00	2.102	2.52	19.6	51.1	102.5
176.0		1.00	1.16	7.062	7.768	0.000	1.200	*	1.773	1.00	2.087	2.50	19.5	50.7	101.7
178.0		1.00	1.16	7.085	7.793	0.000	1.200	*	1.775	2.00	4.130	4.96	38.6	100.1	200.8
180.0		1.00	1.16	7.107	7.818	0.000	1.200	*	1.777	2.00	4.072	4.89	38.2	98.6	197.6
182.0		1.00	1.17	7.130	7.843	0.000	1.200	*	1.779	2.00	4.013	4.82	37.8	97.2	194.5
183.0	Appertunance(s)	1.00	1.17	7.141	7.855	0.000	1.200	*	1.780	1.00	1.985	2.38	18.7	48.2	96.2

* = Cf Adjusted By Linear Load Ra Effect

Totals: 183.00 4,261.0 13,158.5 55,399.9

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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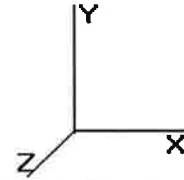
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	Thales PCS VP/360/2	2	4.936	5.430	0.50	1.00	0.17	0.000	0.250	0.95	0.00	0.24	9.60
126.0	Flat Platform w/ Han	1	6.419	7.060	0.90	1.00	56.75	0.000	0.000	400.66	0.00	0.00	3,349.47
126.0	RFS FD9R6004/1C-3L	6	6.419	7.060	0.50	0.75	1.30	0.000	0.000	9.15	0.00	0.00	99.16
126.0	Antel BXA-80063/6CF	3	6.419	7.060	0.75	0.75	14.89	0.000	0.000	105.10	0.00	0.00	545.91
126.0	Antel BXA-171063-12B	3	6.419	7.060	0.88	0.75	11.75	0.000	0.000	82.95	0.00	0.00	404.11
126.0	Alcatel-Lucent RRH2x	3	6.419	7.060	0.50	0.75	3.14	0.000	0.000	22.18	0.00	0.00	374.20
126.0	RFS DB-T1-6Z-8AB-0Z	1	6.419	7.060	0.67	0.75	2.84	0.000	0.000	20.07	0.00	0.00	193.61
126.0	Antel BXA-70040/6CF	3	6.419	7.060	0.70	0.75	24.83	0.000	0.000	175.32	0.00	0.00	1,065.34
126.0	Rymsa MG D3-800	3	6.419	7.060	0.82	0.75	8.12	0.000	0.000	57.35	0.00	0.00	317.76
145.0	Andrew	3	6.681	7.350	0.50	1.00	0.56	0.000	0.000	4.12	0.00	0.00	94.30
145.0	Andrew	3	6.681	7.350	0.50	1.00	1.52	0.000	0.000	11.20	0.00	0.00	116.62
145.0	RFS APX16DWV-	3	6.681	7.350	0.66	1.00	15.26	0.000	0.000	112.15	0.00	0.00	559.80
145.0	Flush Mounts	1	6.681	7.350	0.67	1.00	4.79	0.000	0.000	35.22	0.00	0.00	487.86
167.0	LGP Allgon LGP21903	6	6.933	7.626	0.50	0.75	1.07	0.000	-2.000	8.15	0.00	-16.30	122.33
167.0	Allgon 7770.00	6	6.933	7.626	0.77	0.75	22.77	0.000	-2.000	173.66	0.00	-347.33	1,073.28
167.0	Powerwave LGP21401	6	6.933	7.626	0.50	0.75	3.53	0.000	-2.000	26.93	0.00	-53.85	306.45
167.0	Flat Platform w/ Han	1	6.957	7.652	0.90	1.00	57.28	0.000	0.000	438.30	0.00	0.00	3,389.45
167.0	KMW AM-X-CD-14-65-	2	6.957	7.652	0.78	0.75	7.00	0.000	0.000	53.60	0.00	0.00	353.41
167.0	Ericsson RRUS 11	6	6.957	7.652	0.50	0.75	7.26	0.000	0.000	55.59	0.00	0.00	812.34
167.0	Raycap DC6-48-60-18-	1	6.957	7.652	0.50	0.75	1.07	0.000	0.000	8.21	0.00	0.00	132.34
167.0	Kathrein 800 10764	1	6.957	7.652	0.79	0.75	4.12	0.000	0.000	31.54	0.00	0.00	200.27
175.0	RFS APXV18-206517S-	3	7.050	7.755	0.80	1.00	15.43	0.000	0.000	119.67	0.00	0.00	455.16
175.0	Flush Mounts	1	7.050	7.755	0.67	1.00	4.84	0.000	0.000	37.52	0.00	0.00	494.47
183.0	DragonWave A-ANT-	2	7.163	7.879	0.67	0.75	6.02	0.000	2.000	47.45	0.00	94.91	208.54
183.0	NextNet BTS-2500	3	7.163	7.879	0.50	0.75	3.51	0.000	2.000	27.62	0.00	55.24	175.83
183.0	Argus LLPX310R	3	7.163	7.879	0.73	0.75	8.56	0.000	2.000	67.41	0.00	134.82	434.57
183.0	DragonWave Horizon	2	7.141	7.855	0.50	0.75	0.83	0.000	0.000	6.54	0.00	0.00	87.89
183.0	Andrew DB844H90E-	6	7.163	7.879	0.92	0.75	16.32	0.000	2.000	128.57	0.00	257.14	781.50
183.0	Flat Platform w/ Han	1	7.141	7.855	0.90	1.00	57.45	0.000	0.000	451.29	0.00	0.00	3,402.68
183.0	Andrew	3	7.163	7.879	0.86	0.75	12.25	0.000	2.000	96.54	0.00	193.08	536.83
										2,815.00			20,585.07

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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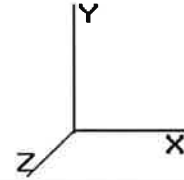
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.79	0.00	4.256	0.122	1.066	0.00	14.04
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.79	0.00	4.256	0.122	1.066	0.00	14.04
2.00	(1) Brackets	Yes	2.00	0.000	1.00	0.54	0.00	4.256	0.122	1.066	0.00	7.33
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.82	0.00	4.256	0.123	1.069	0.00	15.14
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.82	0.00	4.256	0.123	1.069	0.00	15.14
4.00	(1) Brackets	Yes	2.00	0.000	1.00	0.57	0.00	4.256	0.123	1.069	0.00	8.05
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.168	1.204	0.00	4.45
6.00	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.41	0.00	4.256	0.168	1.204	0.00	29.08
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.168	1.204	0.00	4.19
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.37	0.00	4.256	0.168	1.204	0.00	21.51
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.84	0.00	4.256	0.168	1.204	0.00	15.83
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.84	0.00	4.256	0.168	1.204	0.00	15.83
6.00	(1) Brackets	Yes	2.00	0.000	1.00	0.59	0.00	4.256	0.168	1.204	0.00	8.51
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.168	1.204	0.00	21.51
8.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.214	0.000	0.00	9.25
8.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.83	1.00	4.256	0.214	0.000	4.67	58.79
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.214	0.000	0.00	8.71
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.75	0.90	4.256	0.214	0.000	4.22	43.93
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.85	1.02	4.256	0.214	0.000	4.78	16.35
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.85	1.02	4.256	0.214	0.000	4.78	16.35
8.00	(1) Brackets	Yes	2.00	1.200	1.00	0.60	0.72	4.256	0.214	0.000	3.37	8.86
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.214	0.000	0.00	43.93
10.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.215	0.000	0.00	9.52
10.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.84	1.01	4.256	0.215	0.000	4.72	59.30
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.215	0.000	0.00	8.99
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.76	0.91	4.256	0.215	0.000	4.27	44.66
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.86	1.03	4.256	0.215	0.000	4.83	16.77
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.86	1.03	4.256	0.215	0.000	4.83	16.77
10.00	(1) Brackets	Yes	2.00	1.200	1.00	0.61	0.73	4.256	0.215	0.000	3.43	9.14
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.215	0.000	0.00	44.66
12.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.217	0.000	0.00	9.75
12.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.85	1.02	4.256	0.217	0.000	4.77	59.73
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.217	0.000	0.00	9.22
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.77	0.92	4.256	0.217	0.000	4.32	45.28
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.87	1.04	4.256	0.217	0.000	4.88	17.12
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.87	1.04	4.256	0.217	0.000	4.88	17.12
12.00	(1) Brackets	Yes	2.00	1.200	1.00	0.62	0.74	4.256	0.217	0.000	3.48	9.38
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.217	0.000	0.00	45.28
14.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.218	0.000	0.00	9.96
14.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.86	1.03	4.256	0.218	0.000	4.81	60.10
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.218	0.000	0.00	9.43
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.78	0.93	4.256	0.218	0.000	4.36	45.81
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.88	1.05	4.256	0.218	0.000	4.92	17.43
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.88	1.05	4.256	0.218	0.000	4.92	17.43
14.00	(1) Brackets	Yes	2.00	1.200	1.00	0.63	0.75	4.256	0.218	0.000	3.51	9.58
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.218	0.000	0.00	45.81
16.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.220	0.000	0.00	10.14
16.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.86	1.03	4.256	0.220	0.000	4.84	60.42
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.220	0.000	0.00	9.60
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.78	0.94	4.256	0.220	0.000	4.39	46.27
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.88	1.06	4.256	0.220	0.000	4.95	17.70

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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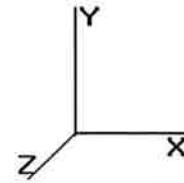
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.88	1.06	4.256	0.220	0.000	4.95	17.70
16.00	(1) Brackets	Yes	2.00	1.200	1.00	0.63	0.76	4.256	0.220	0.000	3.55	9.77
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.220	0.000	0.00	46.27
18.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.222	0.000	0.00	10.30
18.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.87	1.04	4.256	0.222	0.000	4.87	60.72
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.222	0.000	0.00	9.77
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.79	0.94	4.256	0.222	0.000	4.42	46.69
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.89	1.06	4.256	0.222	0.000	4.98	17.94
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.89	1.06	4.256	0.222	0.000	4.98	17.94
18.00	(1) Brackets	Yes	2.00	1.200	1.00	0.64	0.76	4.256	0.222	0.000	3.58	9.93
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.222	0.000	0.00	46.69
20.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.224	0.000	0.00	10.45
20.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.87	1.05	4.256	0.224	0.000	4.90	60.98
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.224	0.000	0.00	9.91
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.79	0.95	4.256	0.224	0.000	4.45	47.07
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.89	1.07	4.256	0.224	0.000	5.01	18.16
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.89	1.07	4.256	0.224	0.000	5.01	18.16
20.00	(1) Brackets	Yes	2.00	1.200	1.00	0.64	0.77	4.256	0.224	0.000	3.61	10.08
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.224	0.000	0.00	47.07
22.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.225	0.000	0.00	10.58
22.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.88	1.05	4.256	0.225	0.000	4.93	61.23
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.225	0.000	0.00	10.05
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.80	0.96	4.256	0.225	0.000	4.48	47.42
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.90	1.08	4.256	0.225	0.000	5.04	18.36
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.90	1.08	4.256	0.225	0.000	5.04	18.36
22.00	(1) Brackets	Yes	2.00	1.200	1.00	0.65	0.78	4.256	0.225	0.000	3.63	10.22
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.225	0.000	0.00	47.42
24.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.227	0.000	0.00	10.71
24.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.88	1.06	4.256	0.227	0.000	4.95	61.45
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.227	0.000	0.00	10.18
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.80	0.96	4.256	0.227	0.000	4.50	47.74
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.90	1.08	4.256	0.227	0.000	5.06	18.55
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.90	1.08	4.256	0.227	0.000	5.06	18.55
24.00	(1) Brackets	Yes	2.00	1.200	1.00	0.65	0.78	4.256	0.227	0.000	3.66	10.35
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.227	0.000	0.00	47.74
26.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.229	0.000	0.00	10.83
26.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.88	1.06	4.256	0.229	0.000	4.97	61.66
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.229	0.000	0.00	10.29
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.80	0.97	4.256	0.229	0.000	4.52	48.04
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.90	1.09	4.256	0.229	0.000	5.08	18.72
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.90	1.09	4.256	0.229	0.000	5.08	18.72
26.00	(1) Brackets	Yes	2.00	1.200	1.00	0.65	0.79	4.256	0.229	0.000	3.68	10.47
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.229	0.000	0.00	48.04
28.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.231	0.000	0.00	10.94
28.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.89	1.07	4.256	0.231	0.000	4.99	61.86
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.231	0.000	0.00	10.40
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.81	0.97	4.256	0.231	0.000	4.54	48.32
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.91	1.09	4.256	0.231	0.000	5.10	18.88
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.91	1.09	4.256	0.231	0.000	5.10	18.88
28.00	(1) Brackets	Yes	2.00	1.200	1.00	0.66	0.79	4.256	0.231	0.000	3.70	10.58
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.231	0.000	0.00	48.32
28.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.256	0.232	0.000	0.00	2.74
28.50	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.22	0.27	4.256	0.232	0.000	1.25	15.48
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.256	0.232	0.000	0.00	2.61
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.20	0.24	4.256	0.232	0.000	1.14	12.10
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.23	0.27	4.256	0.232	0.000	1.28	4.73
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.23	0.27	4.256	0.232	0.000	1.28	4.73

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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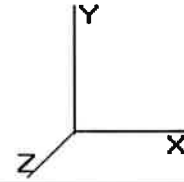
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

28.50	(1) Brackets	Yes	0.50	1.200	1.00	0.16	0.20	4.256	0.232	0.000	0.93	2.65
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.256	0.232	0.000	0.00	12.10
30.00	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.260	0.233	0.000	0.00	8.28
30.00	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.67	0.80	4.260	0.233	0.000	3.76	46.53
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.260	0.233	0.000	0.00	7.88
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.61	0.73	4.260	0.233	0.000	3.42	36.44
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.68	0.82	4.260	0.233	0.000	3.85	14.28
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.68	0.82	4.260	0.233	0.000	3.85	14.28
30.00	(1) Brackets	Yes	1.50	1.200	1.00	0.50	0.60	4.260	0.233	0.000	2.79	8.01
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.260	0.233	0.000	0.00	36.44
32.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.339	0.234	0.000	0.00	11.14
32.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.90	1.07	4.339	0.234	0.000	5.13	62.22
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.339	0.234	0.000	0.00	10.61
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.82	0.98	4.339	0.234	0.000	4.67	48.83
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.92	1.10	4.339	0.234	0.000	5.24	19.18
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.92	1.10	4.339	0.234	0.000	5.24	19.18
32.00	(1) Brackets	Yes	2.00	1.200	1.00	0.67	0.80	4.339	0.234	0.000	3.81	10.78
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.339	0.234	0.000	0.00	48.83
34.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.415	0.236	0.000	0.00	11.23
34.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.90	1.08	4.415	0.236	0.000	5.23	62.39
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.415	0.236	0.000	0.00	10.70
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.82	0.98	4.415	0.236	0.000	4.77	49.07
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.92	1.10	4.415	0.236	0.000	5.35	19.32
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.92	1.10	4.415	0.236	0.000	5.35	19.32
34.00	(1) Brackets	Yes	2.00	1.200	1.00	0.67	0.80	4.415	0.236	0.000	3.89	10.88
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.415	0.236	0.000	0.00	49.07
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.238	0.000	0.00	5.64
35.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.45	0.54	4.451	0.238	0.000	2.64	31.23
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.238	0.000	0.00	5.37
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.41	0.49	4.451	0.238	0.000	2.41	24.59
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.46	0.55	4.451	0.238	0.000	2.70	9.69
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.46	0.55	4.451	0.238	0.000	2.70	9.69
35.00	(1) Brackets	Yes	1.00	1.200	1.00	0.33	0.40	4.451	0.238	0.000	1.97	5.46
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.238	0.000	0.00	24.59
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.487	0.233	0.000	0.00	5.66
36.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.45	0.54	4.487	0.233	0.000	2.67	31.27
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.487	0.233	0.000	0.00	5.39
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.41	0.49	4.487	0.233	0.000	2.43	24.64
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.46	0.55	4.487	0.233	0.000	2.73	9.72
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.46	0.55	4.487	0.233	0.000	2.73	9.72
36.00	(1) Brackets	Yes	1.00	1.200	1.00	0.34	0.40	4.487	0.233	0.000	1.99	5.48
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.487	0.233	0.000	0.00	24.64
38.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.557	0.235	0.000	0.00	11.41
38.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.90	1.08	4.557	0.235	0.000	5.44	62.69
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.557	0.235	0.000	0.00	10.87
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.82	0.99	4.557	0.235	0.000	4.96	49.50
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.92	1.11	4.557	0.235	0.000	5.56	19.57
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.92	1.11	4.557	0.235	0.000	5.56	19.57
38.00	(1) Brackets	Yes	2.00	1.200	1.00	0.67	0.81	4.557	0.235	0.000	4.05	11.06
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.557	0.235	0.000	0.00	49.50
40.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.625	0.237	0.000	0.00	11.49
40.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.91	1.09	4.625	0.237	0.000	5.53	62.84
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.625	0.237	0.000	0.00	10.95
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.83	0.99	4.625	0.237	0.000	5.04	49.70
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.11	4.625	0.237	0.000	5.65	19.69
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.11	4.625	0.237	0.000	5.65	19.69
40.00	(1) Brackets	Yes	2.00	1.200	1.00	0.68	0.81	4.625	0.237	0.000	4.13	11.14

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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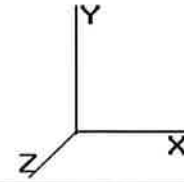
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.625	0.237	0.000	0.00	49.70
42.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.689	0.238	0.000	0.00	11.57
42.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.91	1.09	4.689	0.238	0.000	5.63	62.97
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.689	0.238	0.000	0.00	11.03
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.83	0.99	4.689	0.238	0.000	5.13	49.90
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.11	4.689	0.238	0.000	5.75	19.81
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.11	4.689	0.238	0.000	5.75	19.81
42.00	(1) Brackets	Yes	2.00	1.200	1.00	0.68	0.81	4.689	0.238	0.000	4.20	11.22
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.689	0.238	0.000	0.00	49.90
44.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.752	0.240	0.000	0.00	11.64
44.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.91	1.09	4.752	0.240	0.000	5.72	63.11
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.752	0.240	0.000	0.00	11.11
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.83	1.00	4.752	0.240	0.000	5.21	50.09
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.12	4.752	0.240	0.000	5.84	19.92
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.12	4.752	0.240	0.000	5.84	19.92
44.00	(1) Brackets	Yes	2.00	1.200	1.00	0.68	0.82	4.752	0.240	0.000	4.27	11.29
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.752	0.240	0.000	0.00	50.09
46.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.813	0.242	0.000	0.00	11.71
46.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.91	1.10	4.813	0.242	0.000	5.80	63.23
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.813	0.242	0.000	0.00	11.18
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.83	1.00	4.813	0.242	0.000	5.30	50.26
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.12	4.813	0.242	0.000	5.93	20.02
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.93	1.12	4.813	0.242	0.000	5.93	20.02
46.00	(1) Brackets	Yes	2.00	1.200	1.00	0.68	0.82	4.813	0.242	0.000	4.34	11.37
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.813	0.242	0.000	0.00	50.26
48.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.872	0.245	0.000	0.00	11.78
48.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.92	1.10	4.872	0.245	0.000	5.89	63.36
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.872	0.245	0.000	0.00	11.25
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.84	1.00	4.872	0.245	0.000	5.37	50.44
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.12	4.872	0.245	0.000	6.02	20.12
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.12	4.872	0.245	0.000	6.02	20.12
48.00	(1) Brackets	Yes	2.00	1.200	1.00	0.69	0.82	4.872	0.245	0.000	4.41	11.44
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.872	0.245	0.000	0.00	50.44
50.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.929	0.247	0.000	0.00	11.85
50.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.92	1.10	4.929	0.247	0.000	5.97	63.47
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.929	0.247	0.000	0.00	11.32
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.84	1.01	4.929	0.247	0.000	5.45	50.60
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	4.929	0.247	0.000	6.10	20.22
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	4.929	0.247	0.000	6.10	20.22
50.00	(1) Brackets	Yes	2.00	1.200	1.00	0.69	0.83	4.929	0.247	0.000	4.48	11.51
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.929	0.247	0.000	0.00	50.60
52.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.984	0.249	0.000	0.00	11.91
52.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.92	1.10	4.984	0.249	0.000	6.05	63.59
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.984	0.249	0.000	0.00	11.38
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.84	1.01	4.984	0.249	0.000	5.53	50.76
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	4.984	0.249	0.000	6.18	20.32
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	4.984	0.249	0.000	6.18	20.32
52.00	(1) Brackets	Yes	2.00	1.200	1.00	0.69	0.83	4.984	0.249	0.000	4.54	11.57
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.984	0.249	0.000	0.00	50.76
54.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.039	0.251	0.000	0.00	11.98
54.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.92	1.11	5.039	0.251	0.000	6.13	63.70
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.039	0.251	0.000	0.00	11.45
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.84	1.01	5.039	0.251	0.000	5.60	50.92
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	5.039	0.251	0.000	6.26	20.41
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	5.039	0.251	0.000	6.26	20.41
54.00	(1) Brackets	Yes	2.00	1.200	1.00	0.69	0.83	5.039	0.251	0.000	4.60	11.64
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.039	0.251	0.000	0.00	50.92

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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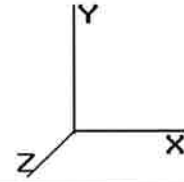
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 31 Iterations

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

56.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.091	0.253	0.000	0.00	12.04
56.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.92	1.11	5.091	0.253	0.000	6.21	63.80
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.091	0.253	0.000	0.00	11.51
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.84	1.01	5.091	0.253	0.000	5.67	51.07
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	5.091	0.253	0.000	6.34	20.50
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.94	1.13	5.091	0.253	0.000	6.34	20.50
56.00	(1) Brackets	Yes	2.00	1.200	1.00	0.69	0.83	5.091	0.253	0.000	4.66	11.70
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.091	0.253	0.000	0.00	51.07
58.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.142	0.255	0.000	0.00	12.10
58.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.93	1.11	5.142	0.255	0.000	6.28	63.91
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.142	0.255	0.000	0.00	11.57
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.85	1.01	5.142	0.255	0.000	5.74	51.22
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.13	5.142	0.255	0.000	6.42	20.58
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.13	5.142	0.255	0.000	6.42	20.58
58.00	(1) Brackets	Yes	2.00	1.200	1.00	0.70	0.83	5.142	0.255	0.000	4.72	11.76
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.142	0.255	0.000	0.00	51.22
60.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.193	0.258	0.000	0.00	12.16
60.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.93	1.11	5.193	0.258	0.000	6.36	64.01
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.193	0.258	0.000	0.00	11.62
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.85	1.02	5.193	0.258	0.000	5.81	51.36
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.193	0.258	0.000	6.49	20.67
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.193	0.258	0.000	6.49	20.67
60.00	(1) Brackets	Yes	2.00	1.200	1.00	0.70	0.84	5.193	0.258	0.000	4.78	11.82
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.193	0.258	0.000	0.00	51.36
62.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.241	0.260	0.000	0.00	12.21
62.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.93	1.12	5.241	0.260	0.000	6.43	64.11
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.241	0.260	0.000	0.00	11.68
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.85	1.02	5.241	0.260	0.000	5.88	51.49
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.241	0.260	0.000	6.57	20.75
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.241	0.260	0.000	6.57	20.75
62.00	(1) Brackets	Yes	2.00	1.200	1.00	0.70	0.84	5.241	0.260	0.000	4.84	11.87
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.241	0.260	0.000	0.00	51.49
63.50	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.277	0.262	0.000	0.00	9.19
63.50	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.70	0.84	5.277	0.262	0.000	4.86	48.13
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.277	0.262	0.000	0.00	8.79
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.64	0.77	5.277	0.262	0.000	4.44	38.70
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.71	0.86	5.277	0.262	0.000	4.97	15.61
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.71	0.86	5.277	0.262	0.000	4.97	15.61
63.50	(1) Brackets	Yes	1.50	1.200	1.00	0.53	0.63	5.277	0.262	0.000	3.66	8.94
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.277	0.262	0.000	0.00	38.70
64.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.289	0.258	0.000	0.00	3.07
64.00	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.23	0.28	5.289	0.258	0.000	1.62	16.05
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.289	0.258	0.000	0.00	2.93
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.21	0.26	5.289	0.258	0.000	1.49	12.91
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.24	0.29	5.289	0.258	0.000	1.66	5.21
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.24	0.29	5.289	0.258	0.000	1.66	5.21
64.00	(1) Brackets	Yes	0.50	1.200	1.00	0.18	0.21	5.289	0.258	0.000	1.22	2.98
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.289	0.258	0.000	0.00	12.91
66.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.336	0.260	0.000	0.00	12.32
66.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.93	1.12	5.336	0.260	0.000	6.57	64.29
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.336	0.260	0.000	0.00	11.79
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.85	1.02	5.336	0.260	0.000	6.00	51.76
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.336	0.260	0.000	6.71	20.91
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.336	0.260	0.000	6.71	20.91
66.00	(1) Brackets	Yes	2.00	1.200	1.00	0.70	0.84	5.336	0.260	0.000	4.95	11.98
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.336	0.260	0.000	0.00	51.76
68.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.382	0.262	0.000	0.00	12.37

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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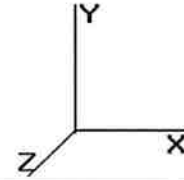
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

68.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.93	1.12	5.382	0.262	0.000	6.64	64.38
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.382	0.262	0.000	0.00	11.84
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.85	1.02	5.382	0.262	0.000	6.07	51.88
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.382	0.262	0.000	6.78	20.98
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.95	1.14	5.382	0.262	0.000	6.78	20.98
68.00	(1) Brackets	Yes	2.00	1.200	1.00	0.70	0.84	5.382	0.262	0.000	5.00	12.04
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.382	0.262	0.000	0.00	51.88
70.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.426	0.264	0.000	0.00	12.42
70.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.12	5.426	0.264	0.000	6.70	64.47
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.426	0.264	0.000	0.00	11.89
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.03	5.426	0.264	0.000	6.13	52.01
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.426	0.264	0.000	6.85	21.05
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.426	0.264	0.000	6.85	21.05
70.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.85	5.426	0.264	0.000	5.05	12.09
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.426	0.264	0.000	0.00	52.01
72.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.470	0.267	0.000	0.00	12.47
72.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.12	5.470	0.267	0.000	6.77	64.56
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.470	0.267	0.000	0.00	11.94
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.03	5.470	0.267	0.000	6.19	52.13
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.470	0.267	0.000	6.91	21.13
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.470	0.267	0.000	6.91	21.13
72.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.85	5.470	0.267	0.000	5.11	12.14
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.470	0.267	0.000	0.00	52.13
74.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.513	0.269	0.000	0.00	12.52
74.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.13	5.513	0.269	0.000	6.83	64.64
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.513	0.269	0.000	0.00	11.99
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.03	5.513	0.269	0.000	6.25	52.25
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.513	0.269	0.000	6.98	21.20
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.513	0.269	0.000	6.98	21.20
74.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.85	5.513	0.269	0.000	5.16	12.19
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.513	0.269	0.000	0.00	52.25
76.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.555	0.272	0.000	0.00	12.57
76.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.13	5.555	0.272	0.000	6.89	64.72
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.555	0.272	0.000	0.00	12.04
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.03	5.555	0.272	0.000	6.31	52.36
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.555	0.272	0.000	7.04	21.26
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.555	0.272	0.000	7.04	21.26
76.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.85	5.555	0.272	0.000	5.21	12.24
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.555	0.272	0.000	0.00	52.36
78.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.597	0.274	0.000	0.00	12.61
78.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.13	5.597	0.274	0.000	6.96	64.80
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.597	0.274	0.000	0.00	12.08
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.03	5.597	0.274	0.000	6.37	52.47
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.597	0.274	0.000	7.10	21.33
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.15	5.597	0.274	0.000	7.10	21.33
78.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.85	5.597	0.274	0.000	5.26	12.28
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.597	0.274	0.000	0.00	52.47
80.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.637	0.277	0.000	0.00	12.66
80.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.13	5.637	0.277	0.000	7.02	64.88
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.637	0.277	0.000	0.00	12.13
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.04	5.637	0.277	0.000	6.42	52.58
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.16	5.637	0.277	0.000	7.17	21.40
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.16	5.637	0.277	0.000	7.17	21.40
80.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.86	5.637	0.277	0.000	5.31	12.33
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.637	0.277	0.000	0.00	52.58
82.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.677	0.280	0.000	0.00	12.70
82.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.94	1.13	5.677	0.280	0.000	7.08	64.96

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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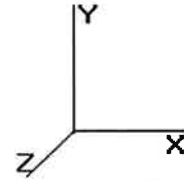
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 31 Iterations

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

82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.677	0.280	0.000	0.00	12.17
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.86	1.04	5.677	0.280	0.000	6.48	52.69
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.16	5.677	0.280	0.000	7.23	21.46
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.96	1.16	5.677	0.280	0.000	7.23	21.46
82.00	(1) Brackets	Yes	2.00	1.200	1.00	0.71	0.86	5.677	0.280	0.000	5.35	12.37
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.677	0.280	0.000	0.00	52.69
84.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.716	0.282	0.000	0.00	12.75
84.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.13	5.716	0.282	0.000	7.14	65.03
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.716	0.282	0.000	0.00	12.22
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.04	5.716	0.282	0.000	6.53	52.79
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.716	0.282	0.000	7.29	21.52
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.716	0.282	0.000	7.29	21.52
84.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.86	5.716	0.282	0.000	5.40	12.42
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.716	0.282	0.000	0.00	52.79
86.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.755	0.285	0.000	0.00	12.79
86.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.14	5.755	0.285	0.000	7.19	65.11
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.755	0.285	0.000	0.00	12.26
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.04	5.755	0.285	0.000	6.59	52.90
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.755	0.285	0.000	7.35	21.58
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.755	0.285	0.000	7.35	21.58
86.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.86	5.755	0.285	0.000	5.45	12.46
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.755	0.285	0.000	0.00	52.90
88.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.793	0.288	0.000	0.00	12.83
88.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.14	5.793	0.288	0.000	7.25	65.18
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.793	0.288	0.000	0.00	12.30
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.04	5.793	0.288	0.000	6.64	53.00
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.793	0.288	0.000	7.40	21.64
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.793	0.288	0.000	7.40	21.64
88.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.86	5.793	0.288	0.000	5.49	12.50
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.793	0.288	0.000	0.00	53.00
90.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.830	0.291	0.000	0.00	12.87
90.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.14	5.830	0.291	0.000	7.31	65.25
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.830	0.291	0.000	0.00	12.34
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.04	5.830	0.291	0.000	6.69	53.10
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.830	0.291	0.000	7.46	21.70
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.830	0.291	0.000	7.46	21.70
90.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.86	5.830	0.291	0.000	5.54	12.55
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.830	0.291	0.000	0.00	53.10
92.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.867	0.294	0.000	0.00	12.91
92.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.14	5.867	0.294	0.000	7.36	65.32
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.867	0.294	0.000	0.00	12.38
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.04	5.867	0.294	0.000	6.74	53.19
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.867	0.294	0.000	7.52	21.76
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.16	5.867	0.294	0.000	7.52	21.76
92.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.86	5.867	0.294	0.000	5.58	12.59
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.867	0.294	0.000	0.00	53.19
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.296	0.000	0.00	6.47
93.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.48	0.57	5.885	0.296	0.000	3.69	32.68
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.296	0.000	0.00	6.20
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.52	5.885	0.296	0.000	3.38	26.62
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.58	5.885	0.296	0.000	3.77	10.90
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.58	5.885	0.296	0.000	3.77	10.90
93.00	(1) Brackets	Yes	1.00	1.200	1.00	0.36	0.43	5.885	0.296	0.000	2.80	6.30
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.296	0.000	0.00	26.62
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.292	0.000	0.00	6.48
94.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.48	0.57	5.903	0.292	0.000	3.71	32.69
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.292	0.000	0.00	6.21

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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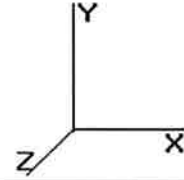
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.52	5.903	0.292	0.000	3.40	26.64
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.58	5.903	0.292	0.000	3.79	10.91
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.58	5.903	0.292	0.000	3.79	10.91
94.00	(1) Brackets	Yes	1.00	1.200	1.00	0.36	0.43	5.903	0.292	0.000	2.81	6.31
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.292	0.000	0.00	26.64
96.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.939	0.294	0.000	0.00	12.99
96.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.14	5.939	0.294	0.000	7.47	65.45
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.939	0.294	0.000	0.00	12.46
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.05	5.939	0.294	0.000	6.84	53.38
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.17	5.939	0.294	0.000	7.63	21.87
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.17	5.939	0.294	0.000	7.63	21.87
96.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.87	5.939	0.294	0.000	5.67	12.67
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.939	0.294	0.000	0.00	53.38
98.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.974	0.298	0.000	0.00	13.03
98.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.95	1.14	5.974	0.298	0.000	7.52	65.52
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.974	0.298	0.000	0.00	12.50
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.87	1.05	5.974	0.298	0.000	6.89	53.48
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.17	5.974	0.298	0.000	7.68	21.93
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.97	1.17	5.974	0.298	0.000	7.68	21.93
98.00	(1) Brackets	Yes	2.00	1.200	1.00	0.72	0.87	5.974	0.298	0.000	5.71	12.71
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.974	0.298	0.000	0.00	53.48
100.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.301	0.000	0.00	13.07
100.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.96	1.15	6.008	0.301	0.000	7.58	65.58
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.301	0.000	0.00	12.54
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.88	1.05	6.008	0.301	0.000	6.94	53.57
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.17	6.008	0.301	0.000	7.74	21.98
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.17	6.008	0.301	0.000	7.74	21.98
100.0	(1) Brackets	Yes	2.00	1.200	1.00	0.73	0.87	6.008	0.301	0.000	5.75	12.74
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.301	0.000	0.00	53.57
102.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.043	0.304	0.000	0.00	13.10
102.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.96	1.15	6.043	0.304	0.000	7.63	65.65
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.043	0.304	0.000	0.00	12.57
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.88	1.05	6.043	0.304	0.000	6.99	53.65
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.17	6.043	0.304	0.000	7.79	22.04
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.17	6.043	0.304	0.000	7.79	22.04
102.0	(1) Brackets	Yes	2.00	1.200	1.00	0.73	0.87	6.043	0.304	0.000	5.79	12.78
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.043	0.304	0.000	0.00	53.65
104.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.076	0.307	0.000	0.00	13.14
104.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.96	1.15	6.076	0.307	0.000	7.68	65.71
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.076	0.307	0.000	0.00	12.61
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.88	1.05	6.076	0.307	0.000	7.04	53.74
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.17	6.076	0.307	0.000	7.84	22.09
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.17	6.076	0.307	0.000	7.84	22.09
104.0	(1) Brackets	Yes	2.00	1.200	1.00	0.73	0.87	6.076	0.307	0.000	5.83	12.82
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.076	0.307	0.000	0.00	53.74
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.309	0.000	0.00	6.58
105.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.48	0.57	6.093	0.309	0.000	3.85	32.87
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.309	0.000	0.00	6.31
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.53	6.093	0.309	0.000	3.53	26.89
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.59	6.093	0.309	0.000	3.93	11.06
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.59	6.093	0.309	0.000	3.93	11.06
105.0	(1) Brackets	Yes	1.00	1.200	1.00	0.36	0.44	6.093	0.309	0.000	2.93	6.42
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.309	0.000	0.00	26.89
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.311	0.000	0.00	6.59
106.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.48	0.58	6.109	0.311	0.000	3.87	32.89
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.311	0.000	0.00	6.32
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.53	6.109	0.311	0.000	3.54	26.91

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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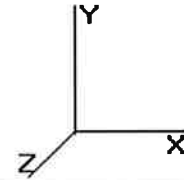
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.59	6.109	0.311	0.000	3.95	11.07
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.49	0.59	6.109	0.311	0.000	3.95	11.07
106.0	(1) Brackets	Yes	1.00	1.200	1.00	0.36	0.44	6.109	0.311	0.000	2.94	6.43
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.311	0.000	0.00	26.91
108.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.142	0.314	0.000	0.00	13.21
108.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.96	1.15	6.142	0.314	0.000	7.78	65.83
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.142	0.314	0.000	0.00	12.68
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.88	1.06	6.142	0.314	0.000	7.13	53.91
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.18	6.142	0.314	0.000	7.94	22.19
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.18	6.142	0.314	0.000	7.94	22.19
108.0	(1) Brackets	Yes	2.00	1.200	1.00	0.73	0.88	6.142	0.314	0.000	5.92	12.89
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.142	0.314	0.000	0.00	53.91
110.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.174	0.317	0.000	0.00	13.25
110.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.96	1.15	6.174	0.317	0.000	7.83	65.89
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.174	0.317	0.000	0.00	12.71
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.88	1.06	6.174	0.317	0.000	7.18	53.99
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.18	6.174	0.317	0.000	7.99	22.24
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.98	1.18	6.174	0.317	0.000	7.99	22.24
110.0	(1) Brackets	Yes	2.00	1.200	1.00	0.73	0.88	6.174	0.317	0.000	5.95	12.93
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.174	0.317	0.000	0.00	53.99
112.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.206	0.193	1.278	0.00	13.28
112.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.96	0.00	6.206	0.193	1.278	0.00	65.95
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.206	0.193	1.278	0.00	12.75
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.88	0.00	6.206	0.193	1.278	0.00	54.08
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.88	0.00	6.206	0.193	1.278	0.00	54.08
114.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.238	0.195	1.285	0.00	13.31
114.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.96	0.00	6.238	0.195	1.285	0.00	66.01
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.238	0.195	1.285	0.00	12.78
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.88	0.00	6.238	0.195	1.285	0.00	54.16
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.88	0.00	6.238	0.195	1.285	0.00	54.16
116.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.269	0.197	1.291	0.00	13.35
116.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.96	0.00	6.269	0.197	1.291	0.00	66.06
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.269	0.197	1.291	0.00	12.82
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.88	0.00	6.269	0.197	1.291	0.00	54.24
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.88	0.00	6.269	0.197	1.291	0.00	54.24
116.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.276	0.198	1.295	0.00	3.34
116.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.24	0.00	6.276	0.198	1.295	0.00	16.52
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.276	0.198	1.295	0.00	3.21
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.22	0.00	6.276	0.198	1.295	0.00	13.56
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.22	0.00	6.276	0.198	1.295	0.00	13.56
118.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.299	0.200	1.299	0.00	10.04
118.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.72	0.00	6.299	0.200	1.299	0.00	49.59
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.299	0.200	1.299	0.00	9.64
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.66	0.00	6.299	0.200	1.299	0.00	40.73
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.66	0.00	6.299	0.200	1.299	0.00	40.73
120.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.330	0.202	0.000	0.00	13.41
120.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.16	6.330	0.202	0.000	8.07	66.17
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.330	0.202	0.000	0.00	12.88
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.06	6.330	0.202	0.000	7.40	54.39
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.06	6.330	0.202	0.000	7.40	54.39
121.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.203	0.000	0.00	6.71
121.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.48	0.58	6.345	0.203	0.000	4.05	33.10
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.203	0.000	0.00	6.45
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.53	6.345	0.203	0.000	3.71	27.21
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.53	6.345	0.203	0.000	3.71	27.21
122.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.201	0.000	0.00	6.72
122.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.48	0.58	6.360	0.201	0.000	4.06	33.11

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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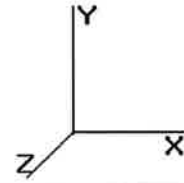
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.201	0.000	0.00	6.46
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.53	6.360	0.201	0.000	3.72	27.23
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.44	0.53	6.360	0.201	0.000	3.72	27.23
124.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.389	0.203	0.000	0.00	13.48
124.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.16	6.389	0.203	0.000	8.16	66.28
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.389	0.203	0.000	0.00	12.94
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.06	6.389	0.203	0.000	7.48	54.54
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.06	6.389	0.203	0.000	7.48	54.54
126.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.419	0.205	0.000	0.00	13.51
126.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.16	6.419	0.205	0.000	8.20	66.34
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.419	0.205	0.000	0.00	12.98
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.419	0.205	0.000	7.53	54.61
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.419	0.205	0.000	7.53	54.61
128.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.448	0.208	0.000	0.00	13.54
128.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.16	6.448	0.208	0.000	8.25	66.39
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.448	0.208	0.000	0.00	13.01
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.448	0.208	0.000	7.57	54.69
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.448	0.208	0.000	7.57	54.69
130.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.476	0.210	0.000	0.00	13.57
130.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.16	6.476	0.210	0.000	8.29	66.44
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.476	0.210	0.000	0.00	13.04
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.476	0.210	0.000	7.61	54.76
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.476	0.210	0.000	7.61	54.76
132.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.504	0.213	0.000	0.00	13.60
132.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.17	6.504	0.213	0.000	8.34	66.49
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.504	0.213	0.000	0.00	13.07
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.504	0.213	0.000	7.65	54.83
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.504	0.213	0.000	7.65	54.83
134.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.532	0.216	0.000	0.00	13.63
134.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.17	6.532	0.216	0.000	8.38	66.54
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.532	0.216	0.000	0.00	13.10
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.532	0.216	0.000	7.69	54.90
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.532	0.216	0.000	7.69	54.90
136.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.560	0.218	0.000	0.00	13.66
136.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.17	6.560	0.218	0.000	8.42	66.59
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.560	0.218	0.000	0.00	13.12
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.560	0.218	0.000	7.73	54.97
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.560	0.218	0.000	7.73	54.97
138.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.588	0.221	0.000	0.00	13.69
138.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.17	6.588	0.221	0.000	8.47	66.64
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.588	0.221	0.000	0.00	13.15
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.588	0.221	0.000	7.77	55.04
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.588	0.221	0.000	7.77	55.04
140.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.615	0.224	0.000	0.00	13.71
140.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.97	1.17	6.615	0.224	0.000	8.51	66.69
140.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.615	0.224	0.000	0.00	13.18
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.615	0.224	0.000	7.81	55.10
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.89	1.07	6.615	0.224	0.000	7.81	55.10
142.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.642	0.227	0.000	0.00	13.74
142.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.98	1.17	6.642	0.227	0.000	8.55	66.73
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.642	0.227	0.000	0.00	13.21
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.90	1.07	6.642	0.227	0.000	7.85	55.17
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.90	1.07	6.642	0.227	0.000	7.85	55.17
144.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.668	0.230	0.000	0.00	13.77
144.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.98	1.17	6.668	0.230	0.000	8.59	66.78
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.668	0.230	0.000	0.00	13.24
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.90	1.08	6.668	0.230	0.000	7.89	55.23

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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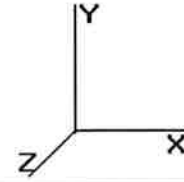
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.90	1.08	6.668	0.230	0.000	7.89	55.23
145.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.681	0.232	0.000	0.00	6.89
145.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.49	0.59	6.681	0.232	0.000	4.31	33.40
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.681	0.232	0.000	0.00	6.63
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.45	0.54	6.681	0.232	0.000	3.95	27.63
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.45	0.54	6.681	0.232	0.000	3.95	27.63
146.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.695	0.162	1.186	0.00	6.90
146.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	6.695	0.162	1.186	0.00	33.41
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.695	0.162	1.186	0.00	6.63
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.45	0.00	6.695	0.162	1.186	0.00	27.65
148.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.721	0.163	1.190	0.00	13.82
148.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.721	0.163	1.190	0.00	66.87
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.721	0.163	1.190	0.00	13.29
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.721	0.163	1.190	0.00	55.36
149.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.734	0.165	1.195	0.00	6.92
149.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	6.734	0.165	1.195	0.00	33.45
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.734	0.165	1.195	0.00	6.65
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.45	0.00	6.734	0.165	1.195	0.00	27.70
150.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.746	0.166	1.199	0.00	6.93
150.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	6.746	0.166	1.199	0.00	33.46
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.746	0.166	1.199	0.00	6.66
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.45	0.00	6.746	0.166	1.199	0.00	27.71
152.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.772	0.168	1.204	0.00	13.88
152.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.772	0.168	1.204	0.00	66.96
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.772	0.168	1.204	0.00	13.35
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.772	0.168	1.204	0.00	55.49
152.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.778	0.170	1.209	0.00	3.47
152.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.24	0.00	6.778	0.170	1.209	0.00	16.74
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.778	0.170	1.209	0.00	3.34
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.22	0.00	6.778	0.170	1.209	0.00	13.88
154.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.797	0.168	1.205	0.00	10.43
154.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.73	0.00	6.797	0.168	1.205	0.00	50.26
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.797	0.168	1.205	0.00	10.03
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.67	0.00	6.797	0.168	1.205	0.00	41.66
156.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.822	0.170	1.211	0.00	13.93
156.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.822	0.170	1.211	0.00	67.05
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.822	0.170	1.211	0.00	13.40
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.822	0.170	1.211	0.00	55.61
158.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.847	0.173	1.218	0.00	13.96
158.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.847	0.173	1.218	0.00	67.10
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.847	0.173	1.218	0.00	13.42
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.847	0.173	1.218	0.00	55.67
160.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.872	0.175	1.226	0.00	13.98
160.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.872	0.175	1.226	0.00	67.14
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.872	0.175	1.226	0.00	13.45
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.872	0.175	1.226	0.00	55.73
162.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.896	0.178	1.233	0.00	14.01
162.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.896	0.178	1.233	0.00	67.18
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.896	0.178	1.233	0.00	13.47
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.896	0.178	1.233	0.00	55.79
164.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.921	0.180	1.241	0.00	14.03
164.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.921	0.180	1.241	0.00	67.22
164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.921	0.180	1.241	0.00	13.50
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.921	0.180	1.241	0.00	55.85
166.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.945	0.183	1.250	0.00	14.06
166.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.98	0.00	6.945	0.183	1.250	0.00	67.27
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.945	0.183	1.250	0.00	13.52

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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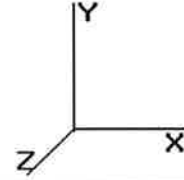
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 31 Iterations

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

166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.90	0.00	6.945	0.183	1.250	0.00	55.91
167.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.957	0.185	1.256	0.00	7.03
167.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	6.957	0.185	1.256	0.00	33.64
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.957	0.185	1.256	0.00	6.77
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.45	0.00	6.957	0.185	1.256	0.00	27.97
168.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.968	0.187	1.260	0.00	7.04
168.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	6.968	0.187	1.260	0.00	33.65
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.968	0.187	1.260	0.00	6.77
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.45	0.00	6.968	0.187	1.260	0.00	27.98
170.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.992	0.189	1.267	0.00	14.10
170.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.99	0.00	6.992	0.189	1.267	0.00	67.35
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.992	0.189	1.267	0.00	13.57
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.91	0.00	6.992	0.189	1.267	0.00	56.02
172.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.192	1.276	0.00	14.13
172.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.99	0.00	7.015	0.192	1.276	0.00	67.39
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.192	1.276	0.00	13.60
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.91	0.00	7.015	0.192	1.276	0.00	56.08
174.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.039	0.195	1.285	0.00	14.15
174.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.99	0.00	7.039	0.195	1.285	0.00	67.43
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.039	0.195	1.285	0.00	13.62
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.91	0.00	7.039	0.195	1.285	0.00	56.13
175.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.050	0.197	1.292	0.00	7.08
175.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	7.050	0.197	1.292	0.00	33.72
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.050	0.197	1.292	0.00	6.82
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.45	0.00	7.050	0.197	1.292	0.00	28.08
176.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.111	1.032	0.00	7.09
176.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.49	0.00	7.062	0.111	1.032	0.00	33.73
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.111	1.032	0.00	6.82
178.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.085	0.112	1.036	0.00	14.20
178.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.99	0.00	7.085	0.112	1.036	0.00	67.51
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.085	0.112	1.036	0.00	13.67
180.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.107	0.114	1.042	0.00	14.22
180.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.99	0.00	7.107	0.114	1.042	0.00	67.55
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.107	0.114	1.042	0.00	13.69
182.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.130	0.116	1.048	0.00	14.24
182.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.99	0.00	7.130	0.116	1.048	0.00	67.58
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.130	0.116	1.048	0.00	13.71
183.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.141	0.118	1.053	0.00	7.13
183.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.50	0.00	7.141	0.118	1.053	0.00	33.80
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.141	0.118	1.053	0.00	6.86
Totals:											1,846.04	18,857.68

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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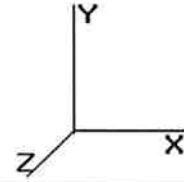
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
2.00	48.18	930.67	0.00	0.00
4.00	48.00	938.30	0.00	0.00
6.00	47.76	1,081.52	0.00	0.00
8.00	69.31	1,225.66	0.00	0.00
10.00	69.31	1,227.26	0.00	0.00
12.00	69.25	1,227.64	0.00	0.00
14.00	69.16	1,227.15	0.00	0.00
16.00	69.03	1,226.00	0.00	0.00
18.00	68.89	1,224.35	0.00	0.00
20.00	68.72	1,222.28	0.00	0.00
22.00	68.54	1,219.88	0.00	0.00
24.00	68.35	1,217.20	0.00	0.00
26.00	68.15	1,214.28	0.00	0.00
28.00	67.94	1,211.15	0.00	0.00
28.50	16.94	302.16	0.00	0.00
30.00	51.52	1,335.96	0.00	0.00
32.00	69.78	1,774.43	0.00	0.00
34.00	70.76	1,766.31	0.00	0.00
35.00	35.57	879.96	0.00	0.00
36.00	35.80	606.31	0.00	0.00
38.00	72.54	1,209.93	0.00	0.00
40.00	73.34	1,205.99	0.00	0.00
42.00	74.10	1,201.95	0.00	0.00
44.00	74.81	1,197.83	0.00	0.00
46.00	75.47	1,193.62	0.00	0.00
48.00	76.10	1,189.34	0.00	0.00
50.00	77.64	1,194.59	0.00	0.24
52.00	77.25	1,180.58	0.00	0.00
54.00	77.77	1,176.11	0.00	0.00
56.00	78.26	1,171.58	0.00	0.00
58.00	78.72	1,167.00	0.00	0.00
60.00	80.03	1,551.01	0.00	0.00
62.00	80.45	1,542.94	0.00	0.00
63.50	60.52	1,151.90	0.00	0.00
64.00	20.17	259.94	0.00	0.00
66.00	81.20	1,037.43	0.00	0.00
68.00	81.55	1,033.78	0.00	0.00
70.00	81.87	1,030.08	0.00	0.00
72.00	82.17	1,026.35	0.00	0.00
74.00	82.45	1,022.58	0.00	0.00
76.00	82.71	1,018.79	0.00	0.00
78.00	82.95	1,014.96	0.00	0.00
80.00	83.17	1,011.10	0.00	0.00
82.00	83.38	1,007.22	0.00	0.00
84.00	83.57	1,003.30	0.00	0.00
86.00	83.74	999.37	0.00	0.00
88.00	83.90	995.40	0.00	0.00
90.00	84.85	1,278.44	0.00	0.00
92.00	84.98	1,271.60	0.00	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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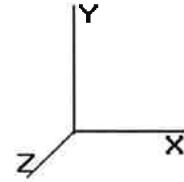
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

93.00	42.47	633.31	0.00	0.00
94.00	42.49	468.10	0.00	0.00
96.00	85.21	933.43	0.00	0.00
98.00	85.30	929.93	0.00	0.00
100.0	85.38	926.41	0.00	0.00
102.0	85.44	922.86	0.00	0.00
104.0	85.49	919.30	0.00	0.00
105.0	42.70	458.40	0.00	0.00
106.0	42.71	390.71	0.00	0.00
108.0	85.56	778.53	0.00	0.00
110.0	85.58	774.92	0.00	0.00
112.0	48.41	713.75	0.00	0.00
114.0	48.18	709.98	0.00	0.00
116.0	47.93	706.19	0.00	0.00
116.5	11.92	176.04	0.00	0.00
118.0	36.25	677.50	0.00	0.00
120.0	71.00	897.89	0.00	0.00
121.0	35.41	446.79	0.00	0.00
122.0	35.37	326.07	0.00	0.00
124.0	70.73	649.44	0.00	0.00
126.0	943.36	6,995.73	0.00	0.00
128.0	70.43	615.39	0.00	0.00
130.0	70.27	612.09	0.00	0.00
132.0	70.10	608.78	0.00	0.00
134.0	69.92	605.45	0.00	0.00
136.0	69.73	602.12	0.00	0.00
138.0	69.54	598.77	0.00	0.00
140.0	69.34	595.42	0.00	0.00
142.0	69.13	592.05	0.00	0.00
144.0	68.91	588.68	0.00	0.00
145.0	197.02	1,551.79	0.00	0.00
146.0	22.04	258.81	0.00	0.00
148.0	43.86	514.73	0.00	0.00
149.0	21.78	256.22	0.00	0.00
150.0	21.97	318.21	0.00	0.00
152.0	43.72	632.25	0.00	0.00
152.5	10.86	157.37	0.00	0.00
154.0	32.47	351.16	0.00	0.00
156.0	42.99	465.50	0.00	0.00
158.0	42.62	462.58	0.00	0.00
160.0	42.24	459.64	0.00	0.00
162.0	41.86	456.70	0.00	0.00
164.0	41.47	453.76	0.00	0.00
166.0	41.08	450.80	0.00	0.00
167.0	816.35	6,614.32	0.00	-417.48
168.0	20.27	195.23	0.00	0.00
170.0	40.28	387.92	0.00	0.00
172.0	39.88	384.95	0.00	0.00
174.0	39.46	381.97	0.00	0.00
175.0	176.75	1,139.65	0.00	0.00
176.0	19.45	161.18	0.00	0.00
178.0	38.63	319.75	0.00	0.00
180.0	38.20	316.69	0.00	0.00
182.0	37.77	313.63	0.00	0.00
183.0	844.13	5,783.68	0.00	735.19
Totals:	8,922.04	104,045.7	0.00	317.95

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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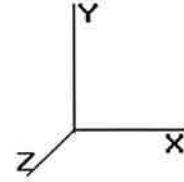
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	31 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-104.04	-8.94	0.00	-1,079.39	0.00	1,079.39	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.206
2.00	-103.11	-8.93	0.00	-1,061.51	0.00	1,061.51	4,332.44	2,166.22	8,482.10	4,247.36	0.00	-0.02	0.205
4.00	-102.17	-8.92	0.00	-1,043.65	0.00	1,043.65	4,300.71	2,150.36	8,357.68	4,185.05	0.02	-0.04	0.204
6.00	-101.08	-8.90	0.00	-1,025.82	0.00	1,025.82	4,268.98	2,134.49	8,234.19	4,123.21	0.04	-0.06	0.203
8.00	-99.86	-8.87	0.00	-1,008.01	0.00	1,008.01	4,237.26	2,118.63	8,111.60	4,061.83	0.07	-0.08	0.202
10.00	-98.63	-8.83	0.00	-990.27	0.00	990.27	4,205.53	2,102.76	7,989.95	4,000.91	0.11	-0.10	0.201
12.00	-97.39	-8.80	0.00	-972.61	0.00	972.61	4,173.80	2,086.90	7,869.20	3,940.45	0.16	-0.12	0.200
14.00	-96.16	-8.76	0.00	-955.02	0.00	955.02	4,142.07	2,071.04	7,749.38	3,880.45	0.21	-0.14	0.199
16.00	-94.94	-8.72	0.00	-937.50	0.00	937.50	4,110.34	2,055.17	7,630.48	3,820.91	0.28	-0.16	0.198
18.00	-93.71	-8.68	0.00	-920.06	0.00	920.06	4,078.62	2,039.31	7,512.50	3,761.83	0.35	-0.18	0.197
20.00	-92.48	-8.64	0.00	-902.70	0.00	902.70	4,046.89	2,023.44	7,395.44	3,703.21	0.43	-0.21	0.195
22.00	-91.26	-8.60	0.00	-885.41	0.00	885.41	4,015.16	2,007.58	7,279.29	3,645.06	0.52	-0.23	0.194
24.00	-90.04	-8.56	0.00	-868.21	0.00	868.21	3,983.43	1,991.72	7,164.07	3,587.36	0.62	-0.25	0.193
26.00	-88.82	-8.52	0.00	-851.08	0.00	851.08	3,951.70	1,975.85	7,049.76	3,530.12	0.73	-0.27	0.192
28.00	-87.61	-8.47	0.00	-834.04	0.00	834.04	3,919.98	1,959.99	6,936.37	3,473.34	0.85	-0.29	0.190
28.50	-87.31	-8.46	0.00	-829.81	0.00	829.81	3,912.04	1,956.02	6,908.17	3,459.22	0.88	-0.29	0.190
30.00	-85.97	-8.43	0.00	-817.11	0.00	817.11	3,888.25	1,944.12	6,823.91	3,417.03	0.97	-0.31	0.187
32.00	-84.19	-8.38	0.00	-800.25	0.00	800.25	3,856.52	1,928.26	6,712.36	3,361.17	1.11	-0.33	0.185
34.00	-82.42	-8.32	0.00	-783.48	0.00	783.48	3,824.79	1,912.40	6,601.73	3,305.77	1.25	-0.35	0.184
35.00	-81.54	-8.30	0.00	-775.15	0.00	775.15	3,899.62	1,949.81	6,864.12	3,437.16	1.32	-0.36	0.178
36.00	-80.93	-8.28	0.00	-766.86	0.00	766.86	3,883.76	1,941.88	6,808.07	3,409.09	1.40	-0.37	0.178
38.00	-79.72	-8.23	0.00	-750.30	0.00	750.30	3,852.03	1,926.02	6,696.65	3,353.30	1.56	-0.39	0.176
40.00	-78.51	-8.17	0.00	-733.84	0.00	733.84	3,820.30	1,910.15	6,586.15	3,297.97	1.73	-0.41	0.175
42.00	-77.31	-8.12	0.00	-717.50	0.00	717.50	3,788.58	1,894.29	6,476.57	3,243.10	1.91	-0.43	0.173
44.00	-76.11	-8.06	0.00	-701.27	0.00	701.27	3,756.85	1,878.42	6,367.91	3,188.69	2.09	-0.45	0.172
46.00	-74.91	-8.00	0.00	-685.15	0.00	685.15	3,725.12	1,862.56	6,260.17	3,134.74	2.28	-0.47	0.170
48.00	-73.72	-7.94	0.00	-669.16	0.00	669.16	3,693.39	1,846.70	6,153.35	3,081.25	2.49	-0.49	0.168
50.00	-72.53	-7.87	0.00	-653.28	0.00	653.28	3,661.66	1,830.83	6,047.45	3,028.22	2.70	-0.51	0.167
52.00	-71.34	-7.81	0.00	-637.53	0.00	637.53	3,629.94	1,814.97	5,942.47	2,975.65	2.91	-0.53	0.165
54.00	-70.17	-7.75	0.00	-621.91	0.00	621.91	3,598.21	1,799.10	5,838.41	2,923.54	3.14	-0.55	0.163
56.00	-68.99	-7.68	0.00	-606.42	0.00	606.42	3,566.48	1,783.24	5,735.26	2,871.89	3.37	-0.57	0.161
58.00	-67.82	-7.61	0.00	-591.06	0.00	591.06	3,534.75	1,767.38	5,633.04	2,820.71	3.62	-0.59	0.160
60.00	-66.27	-7.54	0.00	-575.84	0.00	575.84	3,503.02	1,751.51	5,531.73	2,769.98	3.87	-0.61	0.156
62.00	-64.73	-7.46	0.00	-560.77	0.00	560.77	3,471.30	1,735.65	5,431.35	2,719.71	4.12	-0.63	0.154
63.50	-63.57	-7.40	0.00	-549.58	0.00	549.58	3,158.12	1,579.06	5,037.43	2,522.46	4.32	-0.64	0.151
64.00	-63.31	-7.39	0.00	-545.88	0.00	545.88	3,152.80	1,576.40	5,017.53	2,512.49	4.39	-0.65	0.151
66.00	-62.27	-7.32	0.00	-531.10	0.00	531.10	3,131.44	1,565.72	4,938.17	2,472.75	4.67	-0.67	0.148
68.00	-61.24	-7.25	0.00	-516.46	0.00	516.46	3,109.92	1,554.96	4,859.19	2,433.21	4.95	-0.69	0.146
70.00	-60.21	-7.18	0.00	-501.97	0.00	501.97	3,081.37	1,540.68	4,769.94	2,388.51	5.24	-0.71	0.144
72.00	-59.18	-7.10	0.00	-487.61	0.00	487.61	3,052.81	1,526.41	4,681.51	2,344.23	5.55	-0.73	0.142
74.00	-58.15	-7.03	0.00	-473.40	0.00	473.40	3,024.26	1,512.13	4,593.91	2,300.37	5.86	-0.75	0.140
76.00	-57.13	-6.96	0.00	-459.34	0.00	459.34	2,995.70	1,497.85	4,507.14	2,256.92	6.18	-0.77	0.138
78.00	-56.12	-6.88	0.00	-445.43	0.00	445.43	2,967.15	1,483.57	4,421.19	2,213.88	6.51	-0.80	0.135
80.00	-55.11	-6.80	0.00	-431.68	0.00	431.68	2,938.59	1,469.30	4,336.07	2,171.26	6.84	-0.82	0.133
82.00	-54.10	-6.72	0.00	-418.07	0.00	418.07	2,910.04	1,455.02	4,251.78	2,129.05	7.19	-0.84	0.131
84.00	-53.09	-6.64	0.00	-404.63	0.00	404.63	2,881.48	1,440.74	4,168.32	2,087.26	7.55	-0.86	0.129
86.00	-52.09	-6.56	0.00	-391.34	0.00	391.34	2,852.93	1,426.46	4,085.69	2,045.88	7.91	-0.88	0.126
88.00	-51.10	-6.48	0.00	-378.21	0.00	378.21	2,824.37	1,412.19	4,003.88	2,004.91	8.28	-0.90	0.124
90.00	-49.82	-6.39	0.00	-365.25	0.00	365.25	2,795.82	1,397.91	3,922.90	1,964.36	8.67	-0.92	0.120
92.00	-48.55	-6.30	0.00	-352.46	0.00	352.46	2,767.26	1,383.63	3,842.74	1,924.23	9.05	-0.94	0.118
93.00	-47.91	-6.26	0.00	-346.16	0.00	346.16	2,292.76	1,146.38	3,238.31	1,621.56	9.25	-0.95	0.130

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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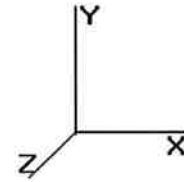
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 31 Iterations

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

94.00	-47.44	-6.22	0.00	-339.90	0.00	339.90	2,284.25	1,142.13	3,209.75	1,607.26	9.45	-0.96	0.128
96.00	-46.51	-6.13	0.00	-327.46	0.00	327.46	2,267.14	1,133.57	3,152.86	1,578.78	9.86	-0.98	0.125
98.00	-45.58	-6.05	0.00	-315.19	0.00	315.19	2,249.90	1,124.95	3,096.30	1,550.45	10.27	-1.00	0.122
100.00	-44.65	-5.96	0.00	-303.10	0.00	303.10	2,232.54	1,116.27	3,040.06	1,522.29	10.70	-1.02	0.119
102.00	-43.73	-5.88	0.00	-291.17	0.00	291.17	2,215.04	1,107.52	2,984.14	1,494.29	11.13	-1.04	0.116
104.00	-42.81	-5.78	0.00	-279.42	0.00	279.42	2,197.42	1,098.71	2,928.57	1,466.46	11.57	-1.06	0.113
105.00	-42.35	-5.74	0.00	-273.63	0.00	273.63	2,188.56	1,094.28	2,900.91	1,452.61	11.79	-1.07	0.111
105.00	-42.35	-5.74	0.00	-273.63	0.00	273.63	2,188.56	1,094.28	2,900.91	1,452.61	11.79	-1.07	0.208
106.00	-41.96	-5.71	0.00	-267.89	0.00	267.89	2,179.67	1,089.83	2,873.33	1,438.80	12.02	-1.08	0.205
108.00	-41.18	-5.63	0.00	-256.48	0.00	256.48	2,161.78	1,080.89	2,818.44	1,411.32	12.47	-1.11	0.201
110.00	-40.40	-5.56	0.00	-245.21	0.00	245.21	2,138.65	1,069.33	2,757.31	1,380.70	12.95	-1.15	0.197
112.00	-39.69	-5.52	0.00	-234.10	0.00	234.10	2,114.86	1,057.43	2,695.99	1,350.00	13.44	-1.18	0.192
114.00	-38.97	-5.48	0.00	-223.07	0.00	223.07	2,091.06	1,045.53	2,635.36	1,319.64	13.94	-1.22	0.188
116.00	-38.27	-5.43	0.00	-212.11	0.00	212.11	2,067.27	1,033.63	2,575.43	1,289.63	14.46	-1.25	0.183
116.50	-38.09	-5.42	0.00	-209.40	0.00	209.40	2,061.32	1,030.66	2,560.55	1,282.18	14.59	-1.26	0.182
118.00	-37.41	-5.39	0.00	-201.26	0.00	201.26	2,043.47	1,021.73	2,516.18	1,259.96	14.99	-1.29	0.178
120.00	-36.51	-5.32	0.00	-190.48	0.00	190.48	2,019.67	1,009.84	2,457.62	1,230.64	15.54	-1.32	0.173
121.00	-36.06	-5.28	0.00	-185.16	0.00	185.16	1,562.89	781.45	1,930.84	966.86	15.82	-1.34	0.215
122.00	-35.74	-5.25	0.00	-179.88	0.00	179.88	1,556.55	778.28	1,911.74	957.29	16.10	-1.35	0.211
124.00	-35.09	-5.19	0.00	-169.37	0.00	169.37	1,543.77	771.89	1,873.68	938.23	16.67	-1.39	0.203
126.00	-28.11	-4.09	0.00	-158.99	0.00	158.99	1,530.87	765.43	1,835.84	919.28	17.26	-1.42	0.191
128.00	-27.50	-4.02	0.00	-150.81	0.00	150.81	1,517.84	758.92	1,798.22	900.45	17.87	-1.46	0.186
130.00	-26.88	-3.95	0.00	-142.76	0.00	142.76	1,504.67	752.34	1,760.83	881.72	18.49	-1.49	0.180
132.00	-26.28	-3.88	0.00	-134.85	0.00	134.85	1,491.38	745.69	1,723.67	863.12	19.12	-1.53	0.174
134.00	-25.67	-3.81	0.00	-127.08	0.00	127.08	1,477.96	738.98	1,686.75	844.63	19.77	-1.56	0.168
136.00	-25.07	-3.74	0.00	-119.46	0.00	119.46	1,464.41	732.21	1,650.07	826.26	20.43	-1.59	0.162
138.00	-24.47	-3.67	0.00	-111.98	0.00	111.98	1,450.74	725.37	1,613.64	808.02	21.10	-1.63	0.155
140.00	-23.87	-3.59	0.00	-104.65	0.00	104.65	1,436.93	718.47	1,577.47	789.91	21.79	-1.66	0.149
142.00	-23.28	-3.52	0.00	-97.46	0.00	97.46	1,423.00	711.50	1,541.56	771.93	22.49	-1.69	0.143
144.00	-22.70	-3.44	0.00	-90.43	0.00	90.43	1,408.93	704.47	1,505.92	754.08	23.20	-1.72	0.136
145.00	-21.15	-3.20	0.00	-86.99	0.00	86.99	1,401.85	700.93	1,488.20	745.20	23.57	-1.73	0.132
146.00	-20.89	-3.18	0.00	-83.78	0.00	83.78	1,394.74	697.37	1,470.54	736.36	23.93	-1.74	0.129
148.00	-20.38	-3.13	0.00	-77.42	0.00	77.42	1,379.83	689.92	1,434.84	718.48	24.67	-1.77	0.123
149.00	-20.12	-3.10	0.00	-74.30	0.00	74.30	1,370.32	685.16	1,415.01	708.56	25.04	-1.78	0.120
150.00	-19.80	-3.08	0.00	-71.19	0.00	71.19	1,360.80	680.40	1,395.33	698.70	25.41	-1.80	0.116
152.00	-19.17	-3.02	0.00	-65.04	0.00	65.04	1,341.76	670.88	1,356.37	679.19	26.17	-1.82	0.110
152.50	-19.01	-3.01	0.00	-63.53	0.00	63.53	942.35	471.17	968.66	485.05	26.36	-1.83	0.151
154.00	-18.66	-2.97	0.00	-59.02	0.00	59.02	935.87	467.94	951.84	476.63	26.94	-1.85	0.144
156.00	-18.20	-2.92	0.00	-53.08	0.00	53.08	927.12	463.56	929.51	465.45	27.72	-1.87	0.134
158.00	-17.73	-2.87	0.00	-47.24	0.00	47.24	918.25	459.12	907.31	454.33	28.51	-1.90	0.123
160.00	-17.27	-2.82	0.00	-41.50	0.00	41.50	909.24	454.62	885.24	443.28	29.31	-1.92	0.113
162.00	-16.82	-2.77	0.00	-35.86	0.00	35.86	900.11	450.06	863.31	432.30	30.12	-1.95	0.102
164.00	-16.37	-2.72	0.00	-30.32	0.00	30.32	890.85	445.42	841.52	421.39	30.94	-1.97	0.090
166.00	-15.92	-2.66	0.00	-24.88	0.00	24.88	881.46	440.73	819.88	410.55	31.77	-1.98	0.079
167.00	-9.33	-1.62	0.00	-22.22	0.00	22.22	876.72	438.36	809.12	405.16	32.19	-1.99	0.065
168.00	-9.14	-1.59	0.00	-20.60	0.00	20.60	871.94	435.97	798.40	399.79	32.60	-2.00	0.062
170.00	-8.75	-1.54	0.00	-17.41	0.00	17.41	862.29	431.15	777.07	389.11	33.44	-2.01	0.055
172.00	-8.37	-1.49	0.00	-14.32	0.00	14.32	852.52	426.26	755.91	378.52	34.29	-2.02	0.048
174.00	-7.99	-1.44	0.00	-11.34	0.00	11.34	842.61	421.31	734.92	368.01	35.14	-2.03	0.040
175.00	-6.86	-1.22	0.00	-9.90	0.00	9.90	837.61	418.81	724.49	362.78	35.56	-2.04	0.035
176.00	-6.70	-1.20	0.00	-8.68	0.00	8.68	832.58	416.29	714.11	357.59	35.99	-2.04	0.032
178.00	-6.38	-1.15	0.00	-6.28	0.00	6.28	822.42	411.21	693.48	347.26	36.85	-2.05	0.026
180.00	-6.06	-1.10	0.00	-3.99	0.00	3.99	812.13	406.06	673.04	337.02	37.70	-2.05	0.019
182.00	-5.75	-1.05	0.00	-1.79	0.00	1.79	801.71	400.85	652.79	326.88	38.56	-2.05	0.013
183.00	0.00	-0.84	0.00	-0.74	0.00	0.74	796.45	398.23	642.74	321.85	38.99	-2.05	0.002

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

30 Iterations

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

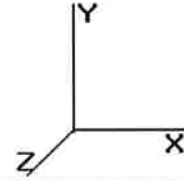
Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	206.52	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	6.129	6.742	205.04	0.650	* 0.000	2.00	8.199	5.33	35.9	0.0	651.4
4.00		1.00	0.70	6.129	6.742	203.55	0.650	* 0.000	2.00	8.139	5.29	35.7	0.0	647.6
6.00		1.00	0.70	6.129	6.742	202.07	0.650	* 0.000	2.00	8.080	5.25	35.4	0.0	643.8
8.00		1.00	0.70	6.129	6.742	200.58	1.200	* 0.000	2.00	8.021	9.63	64.9	0.0	640.1
10.00		1.00	0.70	6.129	6.742	199.09	1.200	* 0.000	2.00	7.962	9.55	64.4	0.0	636.3
12.00		1.00	0.70	6.129	6.742	197.61	1.200	* 0.000	2.00	7.903	9.48	63.9	0.0	632.5
14.00		1.00	0.70	6.129	6.742	196.12	1.200	* 0.000	2.00	7.843	9.41	63.5	0.0	628.7
16.00		1.00	0.70	6.129	6.742	194.64	1.200	* 0.000	2.00	7.784	9.34	63.0	0.0	625.0
18.00		1.00	0.70	6.129	6.742	193.15	1.200	* 0.000	2.00	7.725	9.27	62.5	0.0	621.2
20.00		1.00	0.70	6.129	6.742	191.66	1.200	* 0.000	2.00	7.666	9.20	62.0	0.0	617.4
22.00		1.00	0.70	6.129	6.742	190.18	1.200	* 0.000	2.00	7.607	9.13	61.5	0.0	613.6
24.00		1.00	0.70	6.129	6.742	188.69	1.200	* 0.000	2.00	7.547	9.06	61.1	0.0	609.8
26.00		1.00	0.70	6.129	6.742	187.21	1.200	* 0.000	2.00	7.488	8.99	60.6	0.0	606.1
28.00		1.00	0.70	6.129	6.742	185.72	1.200	* 0.000	2.00	7.429	8.91	60.1	0.0	602.3
28.50	Bot - Section 2	1.00	0.70	6.129	6.742	185.35	1.200	* 0.000	0.50	1.848	2.22	15.0	0.0	150.0
30.00		1.00	0.70	6.134	6.747	184.31	1.200	* 0.000	1.50	5.649	6.78	45.7	0.0	805.0
32.00		1.00	0.71	6.248	6.873	184.52	1.200	* 0.000	2.00	7.480	8.98	61.7	0.0	1,066.7
34.00		1.00	0.72	6.357	6.993	184.61	1.200	* 0.000	2.00	7.421	8.90	62.3	0.0	1,059.1
35.00	Top - Section 1	1.00	0.73	6.410	7.051	184.62	1.200	* 0.000	1.00	3.688	4.43	31.2	0.0	526.7
36.00		1.00	0.73	6.462	7.108	188.96	1.200	* 0.000	1.00	3.673	4.41	31.3	0.0	298.5
38.00		1.00	0.75	6.562	7.219	188.89	1.200	* 0.000	2.00	7.302	8.76	63.3	0.0	594.2
40.00		1.00	0.76	6.659	7.325	188.73	1.200	* 0.000	2.00	7.243	8.69	63.7	0.0	590.4
42.00		1.00	0.77	6.753	7.428	188.49	1.200	* 0.000	2.00	7.184	8.62	64.0	0.0	586.6
44.00		1.00	0.78	6.843	7.527	188.17	1.200	* 0.000	2.00	7.125	8.55	64.4	0.0	582.9
46.00		1.00	0.79	6.931	7.624	187.79	1.200	* 0.000	2.00	7.065	8.48	64.6	0.0	579.1
48.00		1.00	0.80	7.015	7.717	187.35	1.200	* 0.000	2.00	7.006	8.41	64.9	0.0	575.3
50.00	Appertunance(s)	1.00	0.81	7.098	7.807	186.84	1.200	* 0.000	2.00	6.947	8.34	65.1	0.0	571.5
52.00		1.00	0.82	7.178	7.895	186.29	1.200	* 0.000	2.00	6.888	8.27	65.3	0.0	567.7
54.00		1.00	0.82	7.255	7.981	185.68	1.200	* 0.000	2.00	6.829	8.19	65.4	0.0	564.0
56.00		1.00	0.83	7.331	8.064	185.02	1.200	* 0.000	2.00	6.769	8.12	65.5	0.0	560.2
58.00	Bot - Section 3	1.00	0.84	7.405	8.146	184.31	1.200	* 0.000	2.00	6.710	8.05	65.6	0.0	556.4
60.00		1.00	0.85	7.477	8.225	183.57	1.200	* 0.000	2.00	6.778	8.13	66.9	0.0	874.0
62.00		1.00	0.86	7.548	8.302	182.78	1.200	* 0.000	2.00	6.719	8.06	66.9	0.0	867.4
63.50	Top - Section 2	1.00	0.86	7.599	8.359	182.16	1.200	* 0.000	1.50	5.000	6.00	50.2	0.0	646.2
64.00		1.00	0.87	7.616	8.378	185.51	1.200	* 0.000	0.50	1.659	1.99	16.7	0.0	112.1
66.00		1.00	0.87	7.684	8.452	184.66	1.200	* 0.000	2.00	6.600	7.92	66.9	0.0	446.5
68.00		1.00	0.88	7.749	8.524	183.78	1.200	* 0.000	2.00	6.541	7.85	66.9	0.0	443.6
70.00		1.00	0.89	7.814	8.595	182.86	1.200	* 0.000	2.00	6.482	7.78	66.9	0.0	440.8
72.00		1.00	0.90	7.877	8.665	181.92	1.200	* 0.000	2.00	6.423	7.71	66.8	0.0	438.0
74.00		1.00	0.90	7.939	8.733	180.94	1.200	* 0.000	2.00	6.363	7.64	66.7	0.0	435.1
76.00		1.00	0.91	8.000	8.800	179.93	1.200	* 0.000	2.00	6.304	7.57	66.6	0.0	432.3
78.00		1.00	0.92	8.059	8.865	178.90	1.200	* 0.000	2.00	6.245	7.49	66.4	0.0	429.5
80.00		1.00	0.92	8.118	8.930	177.83	1.200	* 0.000	2.00	6.186	7.42	66.3	0.0	426.6
82.00		1.00	0.93	8.175	8.993	176.75	1.200	* 0.000	2.00	6.127	7.35	66.1	0.0	423.8
84.00		1.00	0.94	8.232	9.055	175.63	1.200	* 0.000	2.00	6.067	7.28	65.9	0.0	421.0
86.00		1.00	0.94	8.287	9.116	174.50	1.200	* 0.000	2.00	6.008	7.21	65.7	0.0	418.1
88.00	Bot - Section 4	1.00	0.95	8.342	9.176	173.34	1.200	* 0.000	2.00	5.949	7.14	65.5	0.0	415.3
90.00		1.00	0.95	8.396	9.235	172.15	1.200	* 0.000	2.00	5.996	7.19	66.4	0.0	649.5
92.00		1.00	0.96	8.448	9.293	170.95	1.200	* 0.000	2.00	5.936	7.12	66.2	0.0	644.3
93.00	Top - Section 3	1.00	0.96	8.475	9.322	170.34	1.200	* 0.000	1.00	2.946	3.54	33.0	0.0	320.2

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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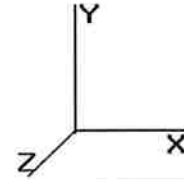
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	30 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

94.00		1.00	0.97	8.501	9.351	172.85	1.200	*	0.000	1.00	2.931	3.52	32.9	0.0	182.7
96.00		1.00	0.97	8.552	9.407	171.62	1.200	*	0.000	2.00	5.818	6.98	65.7	0.0	363.5
98.00		1.00	0.98	8.602	9.463	170.36	1.200	*	0.000	2.00	5.759	6.91	65.4	0.0	361.2
100.0		1.00	0.98	8.652	9.517	169.09	1.200	*	0.000	2.00	5.700	6.84	65.1	0.0	358.8
102.0		1.00	0.99	8.701	9.571	167.80	1.200	*	0.000	2.00	5.640	6.77	64.8	0.0	356.5
104.0		1.00	0.99	8.750	9.625	166.49	1.200	*	0.000	2.00	5.581	6.70	64.5	0.0	354.1
105.0	Reinf. Top	1.00	1.00	8.774	9.651	165.83	1.200	*	0.000	1.00	2.768	3.32	32.1	0.0	176.2
106.0		1.00	1.00	8.797	9.677	165.16	1.200	*	0.000	1.00	2.754	3.30	32.0	0.0	108.8
108.0		1.00	1.01	8.845	9.729	163.82	1.200	*	0.000	2.00	5.463	6.56	63.8	0.0	215.8
110.0		1.00	1.01	8.891	9.780	162.46	1.200	*	0.000	2.00	5.404	6.48	63.4	0.0	213.4
112.0		1.00	1.02	8.937	9.831	161.08	0.650	*	0.000	2.00	5.344	3.47	34.1	0.0	211.0
114.0		1.00	1.02	8.982	9.880	159.69	0.650	*	0.000	2.00	5.285	3.44	33.9	0.0	208.7
116.0		1.00	1.03	9.027	9.930	158.29	0.650	*	0.000	2.00	5.226	3.40	33.7	0.0	206.3
116.5	Bot - Section 5	1.00	1.03	9.038	9.942	157.93	0.650	*	0.000	0.50	1.297	0.84	8.4	0.0	51.2
118.0		1.00	1.03	9.071	9.978	156.87	0.650	*	0.000	1.50	3.933	2.56	25.5	0.0	277.2
120.0		1.00	1.04	9.115	10.02	155.43	1.200	*	0.000	2.00	5.192	6.23	62.5	0.0	365.9
121.0	Top - Section 4	1.00	1.04	9.136	10.05	154.71	1.200	*	0.000	1.00	2.574	3.09	31.0	0.0	181.4
122.0		1.00	1.04	9.158	10.07	156.58	1.200	*	0.000	1.00	2.559	3.07	30.9	0.0	81.0
124.0		1.00	1.05	9.201	10.12	155.12	1.200	*	0.000	2.00	5.074	6.09	61.6	0.0	160.5
126.0	Appertunance(s)	1.00	1.05	9.243	10.16	153.65	1.200	*	0.000	2.00	5.015	6.02	61.2	0.0	158.7
128.0		1.00	1.06	9.284	10.21	152.17	1.200	*	0.000	2.00	4.955	5.95	60.7	0.0	156.8
130.0		1.00	1.06	9.326	10.25	150.67	1.200	*	0.000	2.00	4.896	5.88	60.3	0.0	154.9
132.0		1.00	1.07	9.366	10.30	149.16	1.200	*	0.000	2.00	4.837	5.80	59.8	0.0	153.0
134.0		1.00	1.07	9.407	10.34	147.64	1.200	*	0.000	2.00	4.778	5.73	59.3	0.0	151.1
136.0		1.00	1.07	9.447	10.39	146.11	1.200	*	0.000	2.00	4.719	5.66	58.8	0.0	149.2
138.0		1.00	1.08	9.486	10.43	144.57	1.200	*	0.000	2.00	4.659	5.59	58.3	0.0	147.3
140.0		1.00	1.08	9.525	10.47	143.01	1.200	*	0.000	2.00	4.600	5.52	57.8	0.0	145.4
142.0		1.00	1.09	9.564	10.52	141.45	1.200	*	0.000	2.00	4.541	5.45	57.3	0.0	143.5
144.0		1.00	1.09	9.602	10.56	139.87	1.200	*	0.000	2.00	4.482	5.38	56.8	0.0	141.7
145.0	Appertunance(s)	1.00	1.09	9.621	10.58	139.08	1.200	*	0.000	1.00	2.219	2.66	28.2	0.0	70.1
146.0		1.00	1.10	9.640	10.60	138.28	0.650	*	0.000	1.00	2.204	1.43	15.2	0.0	69.6
148.0		1.00	1.10	9.678	10.64	136.68	0.650	*	0.000	2.00	4.363	2.84	30.2	0.0	137.9
149.0	Bot - Section 6	1.00	1.10	9.696	10.66	135.88	0.650	*	0.000	1.00	2.159	1.40	15.0	0.0	68.2
150.0		1.00	1.11	9.715	10.68	135.07	0.650	*	0.000	1.00	2.176	1.41	15.1	0.0	119.5
152.0		1.00	1.11	9.752	10.72	133.46	0.650	*	0.000	2.00	4.308	2.80	30.0	0.0	236.4
152.5	Top - Section 5	1.00	1.11	9.761	10.73	133.05	0.650	*	0.000	0.50	1.068	0.69	7.5	0.0	58.6
154.0		1.00	1.11	9.788	10.76	133.84	0.650	*	0.000	1.50	3.181	2.07	22.3	0.0	75.6
156.0		1.00	1.12	9.824	10.80	132.21	0.650	*	0.000	2.00	4.190	2.72	29.4	0.0	99.5
158.0		1.00	1.12	9.860	10.84	130.56	0.650	*	0.000	2.00	4.131	2.68	29.1	0.0	98.1
160.0		1.00	1.13	9.896	10.88	128.91	0.650	*	0.000	2.00	4.072	2.65	28.8	0.0	96.7
162.0		1.00	1.13	9.931	10.92	127.25	0.650	*	0.000	2.00	4.012	2.61	28.5	0.0	95.3
164.0		1.00	1.13	9.966	10.96	125.57	0.650	*	0.000	2.00	3.953	2.57	28.2	0.0	93.8
166.0		1.00	1.14	10.000	11.00	123.89	0.650	*	0.000	2.00	3.894	2.53	27.8	0.0	92.4
167.0	Appertunance(s)	1.00	1.14	10.017	11.01	123.05	0.650	*	0.000	1.00	1.925	1.25	13.8	0.0	45.7
168.0		1.00	1.14	10.035	11.03	122.20	0.650	*	0.000	1.00	1.910	1.24	13.7	0.0	45.3
170.0		1.00	1.15	10.069	11.07	120.51	0.650	*	0.000	2.00	3.775	2.45	27.2	0.0	89.6
172.0		1.00	1.15	10.102	11.11	118.80	0.650	*	0.000	2.00	3.716	2.42	26.8	0.0	88.2
174.0		1.00	1.15	10.136	11.14	117.09	0.650	*	0.000	2.00	3.657	2.38	26.5	0.0	86.8
175.0	Appertunance(s)	1.00	1.16	10.152	11.16	116.22	0.650	*	0.000	1.00	1.806	1.17	13.1	0.0	42.8
176.0		1.00	1.16	10.169	11.18	115.36	0.650	*	0.000	1.00	1.792	1.16	13.0	0.0	42.5
178.0		1.00	1.16	10.202	11.22	113.63	0.650	*	0.000	2.00	3.539	2.30	25.8	0.0	83.9
180.0		1.00	1.16	10.234	11.25	111.89	0.650	*	0.000	2.00	3.479	2.26	25.5	0.0	82.5
182.0		1.00	1.17	10.267	11.29	110.15	0.650	*	0.000	2.00	3.420	2.22	25.1	0.0	81.1
183.0	Appertunance(s)	1.00	1.17	10.283	11.31	109.27	0.650	*	0.000	1.00	1.688	1.10	12.4	0.0	40.0
* = Cf Adjusted By Linear Load Ra Effect										Totals:	183.00		4,936.3	0.0	36,370.2

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
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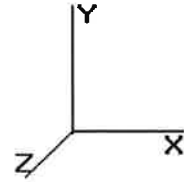
Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.122	1.066	0.00	0.00
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.122	1.066	0.00	0.00
2.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	6.129	0.122	1.066	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.123	1.069	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.123	1.069	0.00	0.00
4.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	6.129	0.123	1.069	0.00	0.00
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.168	1.204	0.00	0.45
6.00	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	6.129	0.168	1.204	0.00	15.16
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.168	1.204	0.00	0.27
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	6.129	0.168	1.204	0.00	4.92
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.168	1.204	0.00	0.00
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.168	1.204	0.00	0.00
6.00	(1) Brackets	Yes	2.00	0.000	1.00	0.17	0.00	6.129	0.168	1.204	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.168	1.204	0.00	4.92
8.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.214	0.000	0.00	0.90
8.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.214	0.000	3.21	30.32
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.214	0.000	0.00	0.54
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.214	0.000	2.56	9.84
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.214	0.000	3.37	0.00
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.214	0.000	3.37	0.00
8.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.214	0.000	1.35	0.00
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.214	0.000	0.00	9.84
10.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.215	0.000	0.00	0.90
10.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.215	0.000	3.21	30.32
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.215	0.000	0.00	0.54
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.215	0.000	2.56	9.84
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.215	0.000	3.37	0.00
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.215	0.000	3.37	0.00
10.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.215	0.000	1.35	0.00
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.215	0.000	0.00	9.84
12.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.217	0.000	0.00	0.90
12.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.217	0.000	3.21	30.32
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.217	0.000	0.00	0.54
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.217	0.000	2.56	9.84
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.217	0.000	3.37	0.00
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.217	0.000	3.37	0.00
12.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.217	0.000	1.35	0.00
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.217	0.000	0.00	9.84
14.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.218	0.000	0.00	0.90
14.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.218	0.000	3.21	30.32
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.218	0.000	0.00	0.54
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.218	0.000	2.56	9.84
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.218	0.000	3.37	0.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.218	0.000	3.37	0.00
14.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.218	0.000	1.35	0.00
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.218	0.000	0.00	9.84
16.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.220	0.000	0.00	0.90
16.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.220	0.000	3.21	30.32
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.220	0.000	0.00	0.54
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.220	0.000	2.56	9.84
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.220	0.000	3.37	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

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 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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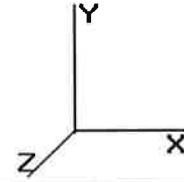
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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.220	0.000	3.37	0.00
16.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.220	0.000	1.35	0.00
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.220	0.000	0.00	9.84
18.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.222	0.000	0.00	0.90
18.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.222	0.000	3.21	30.32
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.222	0.000	0.00	0.54
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.222	0.000	2.56	9.84
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.222	0.000	3.37	0.00
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.222	0.000	3.37	0.00
18.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.222	0.000	1.35	0.00
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.222	0.000	0.00	9.84
20.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.224	0.000	0.00	0.90
20.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.224	0.000	3.21	30.32
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.224	0.000	0.00	0.54
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.224	0.000	2.56	9.84
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.224	0.000	3.37	0.00
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.224	0.000	3.37	0.00
20.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.224	0.000	1.35	0.00
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.224	0.000	0.00	9.84
22.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.225	0.000	0.00	0.90
22.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.225	0.000	3.21	30.32
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.225	0.000	0.00	0.54
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.225	0.000	2.56	9.84
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.225	0.000	3.37	0.00
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.225	0.000	3.37	0.00
22.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.225	0.000	1.35	0.00
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.225	0.000	0.00	9.84
24.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.227	0.000	0.00	0.90
24.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.227	0.000	3.21	30.32
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.227	0.000	0.00	0.54
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.227	0.000	2.56	9.84
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.227	0.000	3.37	0.00
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.227	0.000	3.37	0.00
24.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.227	0.000	1.35	0.00
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.227	0.000	0.00	9.84
26.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.229	0.000	0.00	0.90
26.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.229	0.000	3.21	30.32
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.229	0.000	0.00	0.54
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.229	0.000	2.56	9.84
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.229	0.000	3.37	0.00
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.229	0.000	3.37	0.00
26.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.229	0.000	1.35	0.00
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.229	0.000	0.00	9.84
28.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.231	0.000	0.00	0.90
28.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.231	0.000	3.21	30.32
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.231	0.000	0.00	0.54
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.231	0.000	2.56	9.84
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.231	0.000	3.37	0.00
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.231	0.000	3.37	0.00
28.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.129	0.231	0.000	1.35	0.00
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.231	0.000	0.00	9.84
28.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.129	0.232	0.000	0.00	0.23
28.50	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	6.129	0.232	0.000	0.80	7.58
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.129	0.232	0.000	0.00	0.14
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	6.129	0.232	0.000	0.64	2.46
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	6.129	0.232	0.000	0.84	0.00
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	6.129	0.232	0.000	0.84	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code : ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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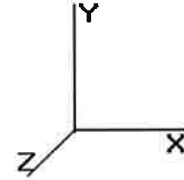
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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

28.50	(1) Brackets	Yes	0.50	1.200	1.00	0.04	0.05	6.129	0.232	0.000	0.34	0.00
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.129	0.232	0.000	0.00	2.46
30.00	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.134	0.233	0.000	0.00	0.68
30.00	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	6.134	0.233	0.000	2.41	22.74
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.134	0.233	0.000	0.00	0.41
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	6.134	0.233	0.000	1.92	7.38
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	6.134	0.233	0.000	2.53	0.00
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	6.134	0.233	0.000	2.53	0.00
30.00	(1) Brackets	Yes	1.50	1.200	1.00	0.13	0.15	6.134	0.233	0.000	1.01	0.00
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.134	0.233	0.000	0.00	7.38
32.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.248	0.234	0.000	0.00	0.90
32.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.248	0.234	0.000	3.27	30.32
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.248	0.234	0.000	0.00	0.54
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.248	0.234	0.000	2.61	9.84
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.248	0.234	0.000	3.44	0.00
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.248	0.234	0.000	3.44	0.00
32.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.248	0.234	0.000	1.37	0.00
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.248	0.234	0.000	0.00	9.84
34.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.357	0.236	0.000	0.00	0.90
34.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.357	0.236	0.000	3.33	30.32
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.357	0.236	0.000	0.00	0.54
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.357	0.236	0.000	2.66	9.84
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.357	0.236	0.000	3.50	0.00
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.357	0.236	0.000	3.50	0.00
34.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.357	0.236	0.000	1.40	0.00
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.357	0.236	0.000	0.00	9.84
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.238	0.000	0.00	0.45
35.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	6.410	0.238	0.000	1.68	15.16
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.238	0.000	0.00	0.27
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	6.410	0.238	0.000	1.34	4.92
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.410	0.238	0.000	1.76	0.00
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.410	0.238	0.000	1.76	0.00
35.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	6.410	0.238	0.000	0.71	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.238	0.000	0.00	4.92
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.233	0.000	0.00	0.45
36.00	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	6.462	0.233	0.000	1.69	15.16
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.233	0.000	0.00	0.27
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	6.462	0.233	0.000	1.35	4.92
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.462	0.233	0.000	1.78	0.00
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.462	0.233	0.000	1.78	0.00
36.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	6.462	0.233	0.000	0.71	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.233	0.000	0.00	4.92
38.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.562	0.235	0.000	0.00	0.90
38.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.562	0.235	0.000	3.44	30.32
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.562	0.235	0.000	0.00	0.54
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.562	0.235	0.000	2.74	9.84
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.562	0.235	0.000	3.61	0.00
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.562	0.235	0.000	3.61	0.00
38.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.562	0.235	0.000	1.44	0.00
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.562	0.235	0.000	0.00	9.84
40.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.659	0.237	0.000	0.00	0.90
40.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.659	0.237	0.000	3.49	30.32
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.659	0.237	0.000	0.00	0.54
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.659	0.237	0.000	2.78	9.84
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.659	0.237	0.000	3.66	0.00
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.659	0.237	0.000	3.66	0.00
40.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.659	0.237	0.000	1.47	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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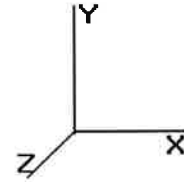
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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **30 Iterations**
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.659	0.237	0.000	0.00	9.84
42.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.753	0.238	0.000	0.00	0.90
42.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.753	0.238	0.000	3.54	30.32
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.753	0.238	0.000	0.00	0.54
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.753	0.238	0.000	2.82	9.84
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.753	0.238	0.000	3.71	0.00
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.753	0.238	0.000	3.71	0.00
42.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.753	0.238	0.000	1.49	0.00
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.753	0.238	0.000	0.00	9.84
44.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.843	0.240	0.000	0.00	0.90
44.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.843	0.240	0.000	3.58	30.32
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.843	0.240	0.000	0.00	0.54
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.843	0.240	0.000	2.86	9.84
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.843	0.240	0.000	3.76	0.00
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.843	0.240	0.000	3.76	0.00
44.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.843	0.240	0.000	1.51	0.00
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.843	0.240	0.000	0.00	9.84
46.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.931	0.242	0.000	0.00	0.90
46.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.931	0.242	0.000	3.63	30.32
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.931	0.242	0.000	0.00	0.54
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.931	0.242	0.000	2.90	9.84
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.931	0.242	0.000	3.81	0.00
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.931	0.242	0.000	3.81	0.00
46.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	6.931	0.242	0.000	1.52	0.00
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.931	0.242	0.000	0.00	9.84
48.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.245	0.000	0.00	0.90
48.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.015	0.245	0.000	3.67	30.32
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.245	0.000	0.00	0.54
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.015	0.245	0.000	2.93	9.84
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.015	0.245	0.000	3.86	0.00
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.015	0.245	0.000	3.86	0.00
48.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.015	0.245	0.000	1.54	0.00
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.245	0.000	0.00	9.84
50.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.098	0.247	0.000	0.00	0.90
50.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.098	0.247	0.000	3.72	30.32
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.098	0.247	0.000	0.00	0.54
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.098	0.247	0.000	2.97	9.84
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.098	0.247	0.000	3.90	0.00
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.098	0.247	0.000	3.90	0.00
50.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.098	0.247	0.000	1.56	0.00
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.098	0.247	0.000	0.00	9.84
52.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.178	0.249	0.000	0.00	0.90
52.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.178	0.249	0.000	3.76	30.32
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.178	0.249	0.000	0.00	0.54
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.178	0.249	0.000	3.00	9.84
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.178	0.249	0.000	3.95	0.00
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.178	0.249	0.000	3.95	0.00
52.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.178	0.249	0.000	1.58	0.00
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.178	0.249	0.000	0.00	9.84
54.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.255	0.251	0.000	0.00	0.90
54.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.255	0.251	0.000	3.80	30.32
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.255	0.251	0.000	0.00	0.54
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.255	0.251	0.000	3.03	9.84
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.255	0.251	0.000	3.99	0.00
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.255	0.251	0.000	3.99	0.00
54.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.255	0.251	0.000	1.60	0.00
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.255	0.251	0.000	0.00	9.84

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev: 0.000 (ft)



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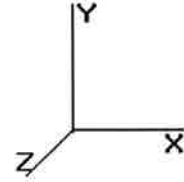
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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

56.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.331	0.253	0.000	0.00	0.90
56.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.331	0.253	0.000	3.84	30.32
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.331	0.253	0.000	0.00	0.54
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.331	0.253	0.000	3.06	9.84
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.331	0.253	0.000	4.03	0.00
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.331	0.253	0.000	4.03	0.00
56.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.331	0.253	0.000	1.61	0.00
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.331	0.253	0.000	0.00	9.84
58.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.405	0.255	0.000	0.00	0.90
58.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.405	0.255	0.000	3.88	30.32
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.405	0.255	0.000	0.00	0.54
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.405	0.255	0.000	3.10	9.84
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.405	0.255	0.000	4.07	0.00
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.405	0.255	0.000	4.07	0.00
58.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.405	0.255	0.000	1.63	0.00
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.405	0.255	0.000	0.00	9.84
60.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.477	0.258	0.000	0.00	0.90
60.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.477	0.258	0.000	3.92	30.32
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.477	0.258	0.000	0.00	0.54
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.477	0.258	0.000	3.13	9.84
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.477	0.258	0.000	4.11	0.00
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.477	0.258	0.000	4.11	0.00
60.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.477	0.258	0.000	1.64	0.00
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.477	0.258	0.000	0.00	9.84
62.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.548	0.260	0.000	0.00	0.90
62.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.548	0.260	0.000	3.95	30.32
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.548	0.260	0.000	0.00	0.54
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.548	0.260	0.000	3.15	9.84
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.548	0.260	0.000	4.15	0.00
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.548	0.260	0.000	4.15	0.00
62.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.548	0.260	0.000	1.66	0.00
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.548	0.260	0.000	0.00	9.84
63.50	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.599	0.262	0.000	0.00	0.68
63.50	(2) 3" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	7.599	0.262	0.000	2.98	22.74
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.599	0.262	0.000	0.00	0.41
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	7.599	0.262	0.000	2.38	7.38
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	7.599	0.262	0.000	3.13	0.00
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	7.599	0.262	0.000	3.13	0.00
63.50	(1) Brackets	Yes	1.50	1.200	1.00	0.13	0.15	7.599	0.262	0.000	1.25	0.00
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.599	0.262	0.000	0.00	7.38
64.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.616	0.258	0.000	0.00	0.23
64.00	(2) 3" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	7.616	0.258	0.000	1.00	7.58
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.616	0.258	0.000	0.00	0.14
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	7.616	0.258	0.000	0.80	2.46
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	7.616	0.258	0.000	1.05	0.00
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	7.616	0.258	0.000	1.05	0.00
64.00	(1) Brackets	Yes	0.50	1.200	1.00	0.04	0.05	7.616	0.258	0.000	0.42	0.00
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.616	0.258	0.000	0.00	2.46
66.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.684	0.260	0.000	0.00	0.90
66.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.684	0.260	0.000	4.02	30.32
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.684	0.260	0.000	0.00	0.54
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.684	0.260	0.000	3.21	9.84
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.684	0.260	0.000	4.23	0.00
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.684	0.260	0.000	4.23	0.00
66.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	7.684	0.260	0.000	1.69	0.00
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.684	0.260	0.000	0.00	9.84
68.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.749	0.262	0.000	0.00	0.90

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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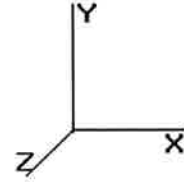
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	30 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.501	0.292	0.000	1.78	4.92
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.501	0.292	0.000	2.34	0.00
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.501	0.292	0.000	2.34	0.00
94.00	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	8.501	0.292	0.000	0.94	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.292	0.000	0.00	4.92
96.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.552	0.294	0.000	0.00	0.90
96.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.552	0.294	0.000	4.48	30.32
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.552	0.294	0.000	0.00	0.54
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.552	0.294	0.000	3.57	9.84
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.552	0.294	0.000	4.70	0.00
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.552	0.294	0.000	4.70	0.00
96.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.552	0.294	0.000	1.88	0.00
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.552	0.294	0.000	0.00	9.84
98.00	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.602	0.298	0.000	0.00	0.90
98.00	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.602	0.298	0.000	4.50	30.32
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.602	0.298	0.000	0.00	0.54
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.602	0.298	0.000	3.60	9.84
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.602	0.298	0.000	4.73	0.00
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.602	0.298	0.000	4.73	0.00
98.00	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.602	0.298	0.000	1.89	0.00
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.602	0.298	0.000	0.00	9.84
100.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.301	0.000	0.00	0.90
100.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.652	0.301	0.000	4.53	30.32
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.301	0.000	0.00	0.54
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.652	0.301	0.000	3.62	9.84
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.652	0.301	0.000	4.76	0.00
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.652	0.301	0.000	4.76	0.00
100.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.652	0.301	0.000	1.90	0.00
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.301	0.000	0.00	9.84
102.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.701	0.304	0.000	0.00	0.90
102.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.701	0.304	0.000	4.56	30.32
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.701	0.304	0.000	0.00	0.54
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.701	0.304	0.000	3.64	9.84
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.701	0.304	0.000	4.79	0.00
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.701	0.304	0.000	4.79	0.00
102.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.701	0.304	0.000	1.91	0.00
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.701	0.304	0.000	0.00	9.84
104.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.750	0.307	0.000	0.00	0.90
104.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.750	0.307	0.000	4.58	30.32
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.750	0.307	0.000	0.00	0.54
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.750	0.307	0.000	3.66	9.84
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.750	0.307	0.000	4.81	0.00
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.750	0.307	0.000	4.81	0.00
104.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.750	0.307	0.000	1.92	0.00
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.750	0.307	0.000	0.00	9.84
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.309	0.000	0.00	0.45
105.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.774	0.309	0.000	2.30	15.16
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.309	0.000	0.00	0.27
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.774	0.309	0.000	1.83	4.92
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.774	0.309	0.000	2.41	0.00
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.774	0.309	0.000	2.41	0.00
105.0	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	8.774	0.309	0.000	0.97	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.309	0.000	0.00	4.92
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.311	0.000	0.00	0.45
106.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.797	0.311	0.000	2.30	15.16
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.311	0.000	0.00	0.27
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.797	0.311	0.000	1.84	4.92

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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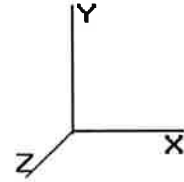
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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **30 Iterations**
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.797	0.311	0.000	2.42	0.00
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.797	0.311	0.000	2.42	0.00
106.0	(1) Brackets	Yes	1.00	1.200	1.00	0.08	0.10	8.797	0.311	0.000	0.97	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.311	0.000	0.00	4.92
108.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.845	0.314	0.000	0.00	0.90
108.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.845	0.314	0.000	4.63	30.32
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.845	0.314	0.000	0.00	0.54
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.845	0.314	0.000	3.70	9.84
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.845	0.314	0.000	4.86	0.00
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.845	0.314	0.000	4.86	0.00
108.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.845	0.314	0.000	1.95	0.00
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.845	0.314	0.000	0.00	9.84
110.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.891	0.317	0.000	0.00	0.90
110.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.891	0.317	0.000	4.66	30.32
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.891	0.317	0.000	0.00	0.54
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.891	0.317	0.000	3.72	9.84
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.891	0.317	0.000	4.89	0.00
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.891	0.317	0.000	4.89	0.00
110.0	(1) Brackets	Yes	2.00	1.200	1.00	0.17	0.20	8.891	0.317	0.000	1.96	0.00
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.891	0.317	0.000	0.00	9.84
112.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.937	0.193	1.278	0.00	0.90
112.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	8.937	0.193	1.278	0.00	30.32
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.937	0.193	1.278	0.00	0.54
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.937	0.193	1.278	0.00	9.84
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.937	0.193	1.278	0.00	9.84
114.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.982	0.195	1.285	0.00	0.90
114.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	8.982	0.195	1.285	0.00	30.32
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.982	0.195	1.285	0.00	0.54
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.982	0.195	1.285	0.00	9.84
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.982	0.195	1.285	0.00	9.84
116.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.027	0.197	1.291	0.00	0.90
116.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.027	0.197	1.291	0.00	30.32
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.027	0.197	1.291	0.00	0.54
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.027	0.197	1.291	0.00	9.84
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.027	0.197	1.291	0.00	9.84
116.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.038	0.198	1.295	0.00	0.23
116.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	9.038	0.198	1.295	0.00	7.58
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.038	0.198	1.295	0.00	0.14
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	9.038	0.198	1.295	0.00	2.46
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	9.038	0.198	1.295	0.00	2.46
118.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.071	0.200	1.299	0.00	0.68
118.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	9.071	0.200	1.299	0.00	22.74
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.071	0.200	1.299	0.00	0.41
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	9.071	0.200	1.299	0.00	7.38
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	9.071	0.200	1.299	0.00	7.38
120.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.115	0.202	0.000	0.00	0.90
120.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.115	0.202	0.000	4.77	30.32
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.115	0.202	0.000	0.00	0.54
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.115	0.202	0.000	3.81	9.84
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.115	0.202	0.000	3.81	9.84
121.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.203	0.000	0.00	0.45
121.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.136	0.203	0.000	2.39	15.16
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.203	0.000	0.00	0.27
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.136	0.203	0.000	1.91	4.92
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.136	0.203	0.000	1.91	4.92
122.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.201	0.000	0.00	0.45
122.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.158	0.201	0.000	2.40	15.16

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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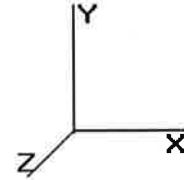
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	30 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.201	0.000	0.00	0.27
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.158	0.201	0.000	1.91	4.92
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.158	0.201	0.000	1.91	4.92
124.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.201	0.203	0.000	0.00	0.90
124.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.201	0.203	0.000	4.82	30.32
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.201	0.203	0.000	0.00	0.54
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.201	0.203	0.000	3.85	9.84
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.201	0.203	0.000	3.85	9.84
126.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.243	0.205	0.000	0.00	0.90
126.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.243	0.205	0.000	4.84	30.32
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.243	0.205	0.000	0.00	0.54
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.243	0.205	0.000	3.86	9.84
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.243	0.205	0.000	3.86	9.84
128.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.284	0.208	0.000	0.00	0.90
128.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.284	0.208	0.000	4.86	30.32
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.284	0.208	0.000	0.00	0.54
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.284	0.208	0.000	3.88	9.84
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.284	0.208	0.000	3.88	9.84
130.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.326	0.210	0.000	0.00	0.90
130.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.326	0.210	0.000	4.88	30.32
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.326	0.210	0.000	0.00	0.54
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.326	0.210	0.000	3.90	9.84
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.326	0.210	0.000	3.90	9.84
132.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.366	0.213	0.000	0.00	0.90
132.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.366	0.213	0.000	4.90	30.32
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.366	0.213	0.000	0.00	0.54
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.366	0.213	0.000	3.92	9.84
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.366	0.213	0.000	3.92	9.84
134.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.407	0.216	0.000	0.00	0.90
134.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.407	0.216	0.000	4.93	30.32
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.407	0.216	0.000	0.00	0.54
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.407	0.216	0.000	3.93	9.84
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.407	0.216	0.000	3.93	9.84
136.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.447	0.218	0.000	0.00	0.90
136.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.447	0.218	0.000	4.95	30.32
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.447	0.218	0.000	0.00	0.54
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.447	0.218	0.000	3.95	9.84
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.447	0.218	0.000	3.95	9.84
138.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.486	0.221	0.000	0.00	0.90
138.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.486	0.221	0.000	4.97	30.32
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.486	0.221	0.000	0.00	0.54
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.486	0.221	0.000	3.97	9.84
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.486	0.221	0.000	3.97	9.84
140.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.525	0.224	0.000	0.00	0.90
140.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.525	0.224	0.000	4.99	30.32
140.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.525	0.224	0.000	0.00	0.54
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.525	0.224	0.000	3.98	9.84
140.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.525	0.224	0.000	3.98	9.84
142.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.564	0.227	0.000	0.00	0.90
142.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.564	0.227	0.000	5.01	30.32
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.564	0.227	0.000	0.00	0.54
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.564	0.227	0.000	4.00	9.84
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.564	0.227	0.000	4.00	9.84
144.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.602	0.230	0.000	0.00	0.90
144.0	(2) 3" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.602	0.230	0.000	5.03	30.32
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.602	0.230	0.000	0.00	0.54
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.602	0.230	0.000	4.01	9.84

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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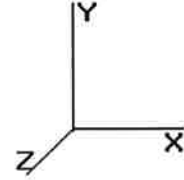
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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **30 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 1.00
Wind Load Factor : 1.00

144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.602	0.230	0.000	4.01	9.84
145.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.621	0.232	0.000	0.00	0.45
145.0	(2) 3" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.621	0.232	0.000	2.52	15.16
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.621	0.232	0.000	0.00	0.27
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.621	0.232	0.000	2.01	4.92
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.621	0.232	0.000	2.01	4.92
146.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.640	0.162	1.186	0.00	0.45
146.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.640	0.162	1.186	0.00	15.16
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.640	0.162	1.186	0.00	0.27
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	9.640	0.162	1.186	0.00	4.92
148.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.678	0.163	1.190	0.00	0.90
148.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.678	0.163	1.190	0.00	30.32
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.678	0.163	1.190	0.00	0.54
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.678	0.163	1.190	0.00	9.84
149.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.696	0.165	1.195	0.00	0.45
149.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.696	0.165	1.195	0.00	15.16
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.696	0.165	1.195	0.00	0.27
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	9.696	0.165	1.195	0.00	4.92
150.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.715	0.166	1.199	0.00	0.45
150.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.715	0.166	1.199	0.00	15.16
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.715	0.166	1.199	0.00	0.27
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	9.715	0.166	1.199	0.00	4.92
152.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.752	0.168	1.204	0.00	0.90
152.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.752	0.168	1.204	0.00	30.32
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.752	0.168	1.204	0.00	0.54
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.752	0.168	1.204	0.00	9.84
152.5	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.761	0.170	1.209	0.00	0.23
152.5	(2) 3" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	9.761	0.170	1.209	0.00	7.58
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.761	0.170	1.209	0.00	0.14
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	9.761	0.170	1.209	0.00	2.46
154.0	(3) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.788	0.168	1.205	0.00	0.68
154.0	(2) 3" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	9.788	0.168	1.205	0.00	22.74
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.788	0.168	1.205	0.00	0.41
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	9.788	0.168	1.205	0.00	7.38
156.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.824	0.170	1.211	0.00	0.90
156.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.824	0.170	1.211	0.00	30.32
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.824	0.170	1.211	0.00	0.54
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.824	0.170	1.211	0.00	9.84
158.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.860	0.173	1.218	0.00	0.90
158.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.860	0.173	1.218	0.00	30.32
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.860	0.173	1.218	0.00	0.54
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.860	0.173	1.218	0.00	9.84
160.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.896	0.175	1.226	0.00	0.90
160.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.896	0.175	1.226	0.00	30.32
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.896	0.175	1.226	0.00	0.54
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.896	0.175	1.226	0.00	9.84
162.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.931	0.178	1.233	0.00	0.90
162.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.931	0.178	1.233	0.00	30.32
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.931	0.178	1.233	0.00	0.54
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.931	0.178	1.233	0.00	9.84
164.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.966	0.180	1.241	0.00	0.90
164.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.966	0.180	1.241	0.00	30.32
164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.966	0.180	1.241	0.00	0.54
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.966	0.180	1.241	0.00	9.84
166.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.000	0.183	1.250	0.00	0.90
166.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.000	0.183	1.250	0.00	30.32
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.000	0.183	1.250	0.00	0.54

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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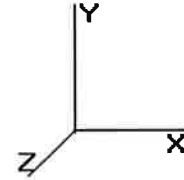
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	30 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.000	0.183	1.250	0.00	9.84
167.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.017	0.185	1.256	0.00	0.45
167.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.017	0.185	1.256	0.00	15.16
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.017	0.185	1.256	0.00	0.27
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	10.017	0.185	1.256	0.00	4.92
168.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.035	0.187	1.260	0.00	0.45
168.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.035	0.187	1.260	0.00	15.16
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.035	0.187	1.260	0.00	0.27
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	10.035	0.187	1.260	0.00	4.92
170.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.069	0.189	1.267	0.00	0.90
170.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.069	0.189	1.267	0.00	30.32
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.069	0.189	1.267	0.00	0.54
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.069	0.189	1.267	0.00	9.84
172.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.102	0.192	1.276	0.00	0.90
172.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.102	0.192	1.276	0.00	30.32
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.102	0.192	1.276	0.00	0.54
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.102	0.192	1.276	0.00	9.84
174.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.136	0.195	1.285	0.00	0.90
174.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.136	0.195	1.285	0.00	30.32
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.136	0.195	1.285	0.00	0.54
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.136	0.195	1.285	0.00	9.84
175.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.152	0.197	1.292	0.00	0.45
175.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.152	0.197	1.292	0.00	15.16
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.152	0.197	1.292	0.00	0.27
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	10.152	0.197	1.292	0.00	4.92
176.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.169	0.111	1.032	0.00	0.45
176.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.169	0.111	1.032	0.00	15.16
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.169	0.111	1.032	0.00	0.27
178.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.202	0.112	1.036	0.00	0.90
178.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.202	0.112	1.036	0.00	30.32
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.202	0.112	1.036	0.00	0.54
180.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.234	0.114	1.042	0.00	0.90
180.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.234	0.114	1.042	0.00	30.32
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.234	0.114	1.042	0.00	0.54
182.0	(3) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.267	0.116	1.048	0.00	0.90
182.0	(2) 3" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.267	0.116	1.048	0.00	30.32
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.267	0.116	1.048	0.00	0.54
183.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.283	0.118	1.053	0.00	0.45
183.0	(2) 3" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.283	0.118	1.053	0.00	15.16
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.283	0.118	1.053	0.00	0.27
Totals:											1,039.65	4,351.65

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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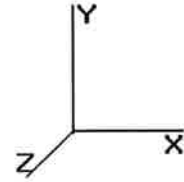
Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 1.00
Wind Load Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
2.00	35.93	651.41	0.00	0.00
4.00	35.67	647.63	0.00	0.00
6.00	35.41	719.50	0.00	0.00
8.00	78.75	791.38	0.00	0.00
10.00	78.27	787.60	0.00	0.00
12.00	77.79	783.82	0.00	0.00
14.00	77.31	780.04	0.00	0.00
16.00	76.83	776.26	0.00	0.00
18.00	76.35	772.49	0.00	0.00
20.00	75.88	768.71	0.00	0.00
22.00	75.40	764.93	0.00	0.00
24.00	74.92	761.15	0.00	0.00
26.00	74.44	757.37	0.00	0.00
28.00	73.96	753.60	0.00	0.00
28.50	18.42	187.81	0.00	0.00
30.00	56.14	918.44	0.00	0.00
32.00	75.82	1,217.97	0.00	0.00
34.00	76.65	1,210.41	0.00	0.00
35.00	38.45	602.37	0.00	0.00
36.00	38.64	374.17	0.00	0.00
38.00	78.10	745.50	0.00	0.00
40.00	78.73	741.73	0.00	0.00
42.00	79.31	737.95	0.00	0.00
44.00	79.83	734.17	0.00	0.00
46.00	80.31	730.39	0.00	0.00
48.00	80.75	726.61	0.00	0.00
50.00	81.37	723.43	0.00	0.06
52.00	81.49	719.06	0.00	0.00
54.00	81.81	715.28	0.00	0.00
56.00	82.09	711.50	0.00	0.00
58.00	82.34	707.72	0.00	0.00
60.00	83.81	1,025.31	0.00	0.00
62.00	84.01	1,018.70	0.00	0.00
63.50	63.05	759.68	0.00	0.00
64.00	20.99	149.89	0.00	0.00
66.00	84.32	597.77	0.00	0.00
68.00	84.44	594.94	0.00	0.00
70.00	84.53	592.10	0.00	0.00
72.00	84.60	589.27	0.00	0.00
74.00	84.64	586.44	0.00	0.00
76.00	84.66	583.60	0.00	0.00
78.00	84.66	580.77	0.00	0.00
80.00	84.64	577.94	0.00	0.00
82.00	84.60	575.10	0.00	0.00
84.00	84.54	572.27	0.00	0.00
86.00	84.47	569.43	0.00	0.00
88.00	84.37	566.60	0.00	0.00
90.00	85.43	800.79	0.00	0.00
92.00	85.31	795.60	0.00	0.00

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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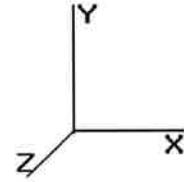
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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 1.00
Wind Load Factor : 1.00

93.00	42.54	395.85	0.00	0.00
94.00	42.50	258.31	0.00	0.00
96.00	85.02	514.85	0.00	0.00
98.00	84.85	512.49	0.00	0.00
100.0	84.66	510.12	0.00	0.00
102.0	84.46	507.76	0.00	0.00
104.0	84.25	505.40	0.00	0.00
105.0	41.98	251.81	0.00	0.00
106.0	41.92	184.43	0.00	0.00
108.0	83.78	367.08	0.00	0.00
110.0	83.52	364.72	0.00	0.00
112.0	34.15	362.36	0.00	0.00
114.0	33.94	359.99	0.00	0.00
116.0	33.73	357.63	0.00	0.00
116.5	8.38	89.04	0.00	0.00
118.0	25.51	390.71	0.00	0.00
120.0	74.86	517.23	0.00	0.00
121.0	37.25	257.02	0.00	0.00
122.0	37.16	156.63	0.00	0.00
124.0	74.13	311.85	0.00	0.00
126.0	1,040.33	2,752.96	0.00	0.00
128.0	73.35	285.17	0.00	0.00
130.0	72.95	283.28	0.00	0.00
132.0	72.54	281.40	0.00	0.00
134.0	72.11	279.51	0.00	0.00
136.0	71.68	277.62	0.00	0.00
138.0	71.24	275.73	0.00	0.00
140.0	70.79	273.84	0.00	0.00
142.0	70.33	271.95	0.00	0.00
144.0	69.86	270.06	0.00	0.00
145.0	230.36	522.42	0.00	0.00
146.0	15.19	124.01	0.00	0.00
148.0	30.19	246.60	0.00	0.00
149.0	14.97	122.59	0.00	0.00
150.0	15.12	173.82	0.00	0.00
152.0	30.04	345.17	0.00	0.00
152.5	7.45	85.78	0.00	0.00
154.0	22.26	157.11	0.00	0.00
156.0	29.43	208.24	0.00	0.00
158.0	29.12	206.82	0.00	0.00
160.0	28.81	205.41	0.00	0.00
162.0	28.49	203.99	0.00	0.00
164.0	28.17	202.57	0.00	0.00
166.0	27.84	201.16	0.00	0.00
167.0	849.45	2,837.05	0.00	-487.02
168.0	13.70	75.97	0.00	0.00
170.0	27.18	150.87	0.00	0.00
172.0	26.84	149.45	0.00	0.00
174.0	26.50	148.03	0.00	0.00
175.0	177.87	352.69	0.00	0.00
176.0	13.03	68.21	0.00	0.00
178.0	25.81	135.36	0.00	0.00
180.0	25.46	133.94	0.00	0.00
182.0	25.11	132.53	0.00	0.00
183.0	893.98	2,463.93	0.00	885.63
Totals:	9,020.37	56,637.12	0.00	398.68

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 30 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

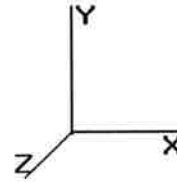
Wind Load Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-56.64	-9.03	0.00	-1,012.61	0.00	1,012.61	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.186
2.00	-55.98	-9.01	0.00	-994.55	0.00	994.55	4,332.44	2,166.22	8,482.10	4,247.36	0.00	-0.02	0.185
4.00	-55.33	-8.99	0.00	-976.53	0.00	976.53	4,300.71	2,150.36	8,357.68	4,185.05	0.02	-0.04	0.184
6.00	-54.61	-8.98	0.00	-958.55	0.00	958.55	4,268.98	2,134.49	8,234.19	4,123.21	0.04	-0.06	0.182
8.00	-53.81	-8.91	0.00	-940.59	0.00	940.59	4,237.26	2,118.63	8,111.60	4,061.83	0.06	-0.08	0.181
10.00	-53.02	-8.85	0.00	-922.77	0.00	922.77	4,205.53	2,102.76	7,989.95	4,000.91	0.10	-0.10	0.180
12.00	-52.24	-8.79	0.00	-905.06	0.00	905.06	4,173.80	2,086.90	7,869.20	3,940.45	0.15	-0.11	0.179
14.00	-51.45	-8.73	0.00	-887.48	0.00	887.48	4,142.07	2,071.04	7,749.38	3,880.45	0.20	-0.13	0.178
16.00	-50.67	-8.67	0.00	-870.02	0.00	870.02	4,110.34	2,055.17	7,630.48	3,820.91	0.26	-0.15	0.176
18.00	-49.90	-8.61	0.00	-852.69	0.00	852.69	4,078.62	2,039.31	7,512.50	3,761.83	0.33	-0.17	0.175
20.00	-49.13	-8.54	0.00	-835.48	0.00	835.48	4,046.89	2,023.44	7,395.44	3,703.21	0.40	-0.19	0.174
22.00	-48.36	-8.48	0.00	-818.39	0.00	818.39	4,015.16	2,007.58	7,279.29	3,645.06	0.49	-0.21	0.172
24.00	-47.60	-8.42	0.00	-801.43	0.00	801.43	3,983.43	1,991.72	7,164.07	3,587.36	0.58	-0.23	0.171
26.00	-46.84	-8.36	0.00	-784.59	0.00	784.59	3,951.70	1,975.85	7,049.76	3,530.12	0.68	-0.25	0.170
28.00	-46.08	-8.29	0.00	-767.88	0.00	767.88	3,919.98	1,959.99	6,936.37	3,473.34	0.79	-0.27	0.168
28.50	-45.89	-8.28	0.00	-763.73	0.00	763.73	3,912.04	1,956.02	6,908.17	3,459.22	0.82	-0.27	0.168
30.00	-44.97	-8.23	0.00	-751.31	0.00	751.31	3,888.25	1,944.12	6,823.91	3,417.03	0.91	-0.29	0.165
32.00	-43.75	-8.16	0.00	-734.85	0.00	734.85	3,856.52	1,928.26	6,712.36	3,361.17	1.03	-0.31	0.163
34.00	-42.54	-8.09	0.00	-718.52	0.00	718.52	3,824.79	1,912.40	6,601.73	3,305.77	1.16	-0.33	0.162
35.00	-41.94	-8.06	0.00	-710.43	0.00	710.43	3,899.62	1,949.81	6,864.12	3,437.16	1.23	-0.34	0.157
36.00	-41.56	-8.02	0.00	-702.38	0.00	702.38	3,883.76	1,941.88	6,808.07	3,409.09	1.30	-0.34	0.156
38.00	-40.81	-7.95	0.00	-686.33	0.00	686.33	3,852.03	1,926.02	6,696.65	3,353.30	1.45	-0.36	0.155
40.00	-40.07	-7.88	0.00	-670.42	0.00	670.42	3,820.30	1,910.15	6,586.15	3,297.97	1.61	-0.38	0.153
42.00	-39.33	-7.81	0.00	-654.65	0.00	654.65	3,788.58	1,894.29	6,476.57	3,243.10	1.77	-0.40	0.152
44.00	-38.59	-7.74	0.00	-639.03	0.00	639.03	3,756.85	1,878.42	6,367.91	3,188.69	1.94	-0.42	0.150
46.00	-37.86	-7.66	0.00	-623.55	0.00	623.55	3,725.12	1,862.56	6,260.17	3,134.74	2.12	-0.43	0.148
48.00	-37.13	-7.59	0.00	-608.22	0.00	608.22	3,693.39	1,846.70	6,153.35	3,081.25	2.31	-0.45	0.147
50.00	-36.41	-7.51	0.00	-593.04	0.00	593.04	3,661.66	1,830.83	6,047.45	3,028.22	2.50	-0.47	0.145
52.00	-35.69	-7.44	0.00	-578.01	0.00	578.01	3,629.94	1,814.97	5,942.47	2,975.65	2.70	-0.49	0.143
54.00	-34.97	-7.36	0.00	-563.14	0.00	563.14	3,598.21	1,799.10	5,838.41	2,923.54	2.91	-0.51	0.142
56.00	-34.26	-7.28	0.00	-548.42	0.00	548.42	3,566.48	1,783.24	5,735.26	2,871.89	3.13	-0.52	0.140
58.00	-33.55	-7.20	0.00	-533.85	0.00	533.85	3,534.75	1,767.38	5,633.04	2,820.71	3.35	-0.54	0.138
60.00	-32.52	-7.12	0.00	-519.45	0.00	519.45	3,503.02	1,751.51	5,531.73	2,769.98	3.58	-0.56	0.135
62.00	-31.50	-7.03	0.00	-505.21	0.00	505.21	3,471.30	1,735.65	5,431.35	2,719.71	3.82	-0.58	0.133
63.50	-30.74	-6.97	0.00	-494.65	0.00	494.65	3,158.12	1,579.06	5,037.43	2,522.46	4.00	-0.59	0.130
64.00	-30.59	-6.95	0.00	-491.17	0.00	491.17	3,152.80	1,576.40	5,017.53	2,512.49	4.06	-0.59	0.130
66.00	-29.99	-6.87	0.00	-477.27	0.00	477.27	3,131.44	1,565.72	4,938.17	2,472.75	4.31	-0.61	0.127
68.00	-29.40	-6.79	0.00	-463.52	0.00	463.52	3,109.92	1,554.96	4,859.19	2,433.21	4.58	-0.63	0.125
70.00	-28.80	-6.71	0.00	-449.94	0.00	449.94	3,081.37	1,540.68	4,769.94	2,388.51	4.84	-0.65	0.123
72.00	-28.21	-6.63	0.00	-436.52	0.00	436.52	3,052.81	1,526.41	4,681.51	2,344.23	5.12	-0.67	0.121
74.00	-27.62	-6.55	0.00	-423.27	0.00	423.27	3,024.26	1,512.13	4,593.91	2,300.37	5.41	-0.69	0.119
76.00	-27.04	-6.46	0.00	-410.18	0.00	410.18	2,995.70	1,497.85	4,507.14	2,256.92	5.70	-0.71	0.117
78.00	-26.46	-6.38	0.00	-397.25	0.00	397.25	2,967.15	1,483.57	4,421.19	2,213.88	6.00	-0.73	0.115
80.00	-25.88	-6.30	0.00	-384.50	0.00	384.50	2,938.59	1,469.30	4,336.07	2,171.26	6.31	-0.75	0.113
82.00	-25.30	-6.21	0.00	-371.91	0.00	371.91	2,910.04	1,455.02	4,251.78	2,129.05	6.63	-0.77	0.111
84.00	-24.73	-6.13	0.00	-359.48	0.00	359.48	2,881.48	1,440.74	4,168.32	2,087.26	6.95	-0.78	0.109
86.00	-24.16	-6.04	0.00	-347.23	0.00	347.23	2,852.93	1,426.46	4,085.69	2,045.88	7.28	-0.80	0.107
88.00	-23.59	-5.96	0.00	-335.14	0.00	335.14	2,824.37	1,412.19	4,003.88	2,004.91	7.62	-0.82	0.105
90.00	-22.79	-5.87	0.00	-323.23	0.00	323.23	2,795.82	1,397.91	3,922.90	1,964.36	7.97	-0.84	0.101
92.00	-22.00	-5.78	0.00	-311.50	0.00	311.50	2,767.26	1,383.63	3,842.74	1,924.23	8.33	-0.85	0.099
93.00	-21.60	-5.73	0.00	-305.72	0.00	305.72	2,292.76	1,146.38	3,238.31	1,621.56	8.51	-0.86	0.109

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **30 Iterations**

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

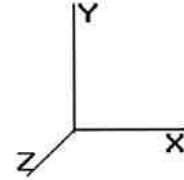
Dead Load Factor : 1.00

Wind Load Factor : 1.00

94.00	-21.34	-5.69	0.00	-299.99	0.00	299.99	2,284.25	1,142.13	3,209.75	1,607.26	8.69	-0.87	0.108
96.00	-20.83	-5.60	0.00	-288.61	0.00	288.61	2,267.14	1,133.57	3,152.86	1,578.78	9.06	-0.89	0.105
98.00	-20.31	-5.52	0.00	-277.41	0.00	277.41	2,249.90	1,124.95	3,096.30	1,550.45	9.43	-0.91	0.102
100.00	-19.80	-5.43	0.00	-266.38	0.00	266.38	2,232.54	1,116.27	3,040.06	1,522.29	9.82	-0.93	0.099
102.00	-19.29	-5.34	0.00	-255.52	0.00	255.52	2,215.04	1,107.52	2,984.14	1,494.29	10.21	-0.94	0.096
104.00	-18.79	-5.25	0.00	-244.83	0.00	244.83	2,197.42	1,098.71	2,928.57	1,466.46	10.61	-0.96	0.093
105.00	-18.54	-5.21	0.00	-239.58	0.00	239.58	2,188.56	1,094.28	2,900.91	1,452.61	10.81	-0.97	0.092
106.00	-18.35	-5.17	0.00	-234.37	0.00	234.37	2,179.67	1,089.83	2,873.33	1,438.80	11.02	-0.98	0.171
108.00	-17.98	-5.09	0.00	-224.03	0.00	224.03	2,161.78	1,080.89	2,818.44	1,411.32	11.43	-1.01	0.167
110.00	-17.62	-5.01	0.00	-213.85	0.00	213.85	2,138.65	1,069.33	2,757.31	1,380.70	11.86	-1.04	0.163
112.00	-17.25	-4.98	0.00	-203.83	0.00	203.83	2,114.86	1,057.43	2,695.99	1,350.00	12.30	-1.07	0.159
114.00	-16.89	-4.95	0.00	-193.87	0.00	193.87	2,091.06	1,045.53	2,635.36	1,319.64	12.76	-1.10	0.155
116.00	-16.53	-4.91	0.00	-183.97	0.00	183.97	2,067.27	1,033.63	2,575.43	1,289.63	13.23	-1.13	0.151
116.50	-16.44	-4.91	0.00	-181.52	0.00	181.52	2,061.32	1,030.66	2,560.55	1,282.18	13.34	-1.14	0.150
118.00	-16.05	-4.88	0.00	-174.16	0.00	174.16	2,043.47	1,021.73	2,516.18	1,259.96	13.70	-1.16	0.146
120.00	-15.53	-4.80	0.00	-164.40	0.00	164.40	2,019.67	1,009.84	2,457.62	1,230.64	14.20	-1.19	0.141
121.00	-15.28	-4.76	0.00	-159.60	0.00	159.60	1,562.89	781.45	1,930.84	966.86	14.45	-1.20	0.175
122.00	-15.12	-4.73	0.00	-154.84	0.00	154.84	1,556.55	778.28	1,911.74	957.29	14.70	-1.21	0.171
124.00	-14.81	-4.65	0.00	-145.39	0.00	145.39	1,543.77	771.89	1,873.68	938.23	15.22	-1.25	0.165
126.00	-12.07	-3.56	0.00	-136.08	0.00	136.08	1,530.87	765.43	1,835.84	919.28	15.74	-1.28	0.156
128.00	-11.79	-3.49	0.00	-128.96	0.00	128.96	1,517.84	758.92	1,798.22	900.45	16.29	-1.31	0.151
130.00	-11.51	-3.41	0.00	-121.99	0.00	121.99	1,504.67	752.34	1,760.83	881.72	16.84	-1.34	0.146
132.00	-11.23	-3.34	0.00	-115.17	0.00	115.17	1,491.38	745.69	1,723.67	863.12	17.41	-1.37	0.141
134.00	-10.95	-3.27	0.00	-108.49	0.00	108.49	1,477.96	738.98	1,686.75	844.63	17.99	-1.40	0.136
136.00	-10.67	-3.19	0.00	-101.96	0.00	101.96	1,464.41	732.21	1,650.07	826.26	18.58	-1.42	0.131
138.00	-10.39	-3.12	0.00	-95.57	0.00	95.57	1,450.74	725.37	1,613.64	808.02	19.18	-1.45	0.125
140.00	-10.12	-3.05	0.00	-89.34	0.00	89.34	1,436.93	718.47	1,577.47	789.91	19.79	-1.48	0.120
142.00	-9.85	-2.97	0.00	-83.25	0.00	83.25	1,423.00	711.50	1,541.56	771.93	20.42	-1.50	0.115
144.00	-9.58	-2.90	0.00	-77.30	0.00	77.30	1,408.93	704.47	1,505.92	754.08	21.05	-1.53	0.109
145.00	-9.06	-2.66	0.00	-74.40	0.00	74.40	1,401.85	700.93	1,488.20	745.20	21.37	-1.54	0.106
146.00	-8.94	-2.64	0.00	-71.75	0.00	71.75	1,394.74	697.37	1,470.54	736.36	21.69	-1.55	0.104
148.00	-8.69	-2.61	0.00	-66.46	0.00	66.46	1,379.83	689.92	1,434.84	718.48	22.35	-1.57	0.099
149.00	-8.57	-2.59	0.00	-63.86	0.00	63.86	1,370.32	685.16	1,415.01	708.56	22.68	-1.59	0.096
150.00	-8.40	-2.57	0.00	-61.27	0.00	61.27	1,360.80	680.40	1,395.33	698.70	23.01	-1.60	0.094
152.00	-8.05	-2.53	0.00	-56.12	0.00	56.12	1,341.76	670.88	1,356.37	679.19	23.69	-1.62	0.089
152.50	-7.96	-2.53	0.00	-54.86	0.00	54.86	942.35	471.17	968.66	485.05	23.86	-1.62	0.122
154.00	-7.81	-2.50	0.00	-51.07	0.00	51.07	935.87	467.94	951.84	476.63	24.37	-1.64	0.116
156.00	-7.60	-2.47	0.00	-46.06	0.00	46.06	927.12	463.56	929.51	465.45	25.06	-1.66	0.107
158.00	-7.39	-2.44	0.00	-41.12	0.00	41.12	918.25	459.12	907.31	454.33	25.76	-1.68	0.099
160.00	-7.19	-2.41	0.00	-36.25	0.00	36.25	909.24	454.62	885.24	443.28	26.47	-1.71	0.090
162.00	-6.98	-2.37	0.00	-31.44	0.00	31.44	900.11	450.06	863.31	432.30	27.19	-1.73	0.081
164.00	-6.78	-2.34	0.00	-26.69	0.00	26.69	890.85	445.42	841.52	421.39	27.92	-1.74	0.071
166.00	-6.58	-2.31	0.00	-22.01	0.00	22.01	881.46	440.73	819.88	410.55	28.65	-1.76	0.061
167.00	-3.77	-1.37	0.00	-19.71	0.00	19.71	876.72	438.36	809.12	405.16	29.02	-1.76	0.053
168.00	-3.69	-1.36	0.00	-18.33	0.00	18.33	871.94	435.97	798.40	399.79	29.39	-1.77	0.050
170.00	-3.54	-1.33	0.00	-15.62	0.00	15.62	862.29	431.15	777.07	389.11	30.13	-1.78	0.044
172.00	-3.40	-1.29	0.00	-12.97	0.00	12.97	852.52	426.26	755.91	378.52	30.88	-1.79	0.038
174.00	-3.25	-1.26	0.00	-10.38	0.00	10.38	842.61	421.31	734.92	368.01	31.64	-1.80	0.032
175.00	-2.90	-1.08	0.00	-9.12	0.00	9.12	837.61	418.81	724.49	362.78	32.01	-1.81	0.029
176.00	-2.83	-1.06	0.00	-8.04	0.00	8.04	832.58	416.29	714.11	357.59	32.39	-1.81	0.026
178.00	-2.70	-1.03	0.00	-5.92	0.00	5.92	822.42	411.21	693.48	347.26	33.15	-1.81	0.020
180.00	-2.57	-1.00	0.00	-3.86	0.00	3.86	812.13	406.06	673.04	337.02	33.91	-1.82	0.015
182.00	-2.43	-0.97	0.00	-1.86	0.00	1.86	801.71	400.85	652.79	326.88	34.67	-1.82	0.009
183.00	0.00	-0.89	0.00	-0.89	0.00	0.89	796.45	398.23	642.74	321.85	35.06	-1.82	0.003

Pole : 302535
 Location : Milford CT 2, CT
 Height : 183.0 (ft)
 Base Dia : 48.62 (in)
 Top Dia : 19.86 (in)
 Shape : 18 Sides
 Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)



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Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	49.40	0.00	66.51	0.00	0.00	5601.83	0.00	0.98
0.9D + 1.6W	48.56	0.00	51.63	0.00	0.00	5406.58	0.00	0.95
1.2D + 1.0Di + 1.0Wi	8.94	0.00	104.04	0.00	0.00	1079.39	121.00	0.21
1.0D + 1.0W	9.03	0.00	56.64	0.00	0.00	1012.61	0.00	0.19

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 phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
0.00	105.	(4) SOL-#20 All Thre	349.5	10.5	16.8	192.6	12.0	17	16	0.0	12.0	0	0	309.9	330.5	0.938

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	48.62 in
	Pole Thickness	0.5 in
	Plate Length	56 in
	Plate Thickness	2.75 in
	Plate Fy	50 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	2526.82 k-in
	Applied	1895.31 k-in
	#	0
Stiffeners		

Code Rev. **G**

Moment **5601.8 k-ft**
Axial **66.5 k**

Date **2/11/2014**
Engineer **RDB**
Site # **302535**
Carrier **Verizon**

Bolts	#	16
	Bolt Circle (R)adial / (S)quare	56 in S
	Bolt Gap	6 in
	Diameter	2.25 in
	Hole Diameter	2.5 in
	Type	18J
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	259.82 k
	Applied	222.72 k
#	0	
Reinforcement		
Extra Bolts O	#	4
	Bolt Circle (R)adial / (S)quare	55.5 in S
	Bolt Gap	0 in
	Offset Angle	45°
	Diameter	2.72 in
	Type	DYWIDAG
	Fy	80 ksi
	Fu	100 ksi
	ϕ_s Resistance	385.33 k
	Applied	245.09 k

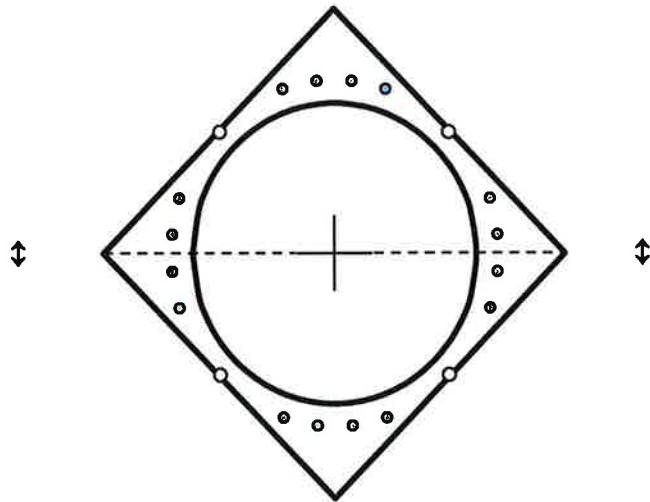


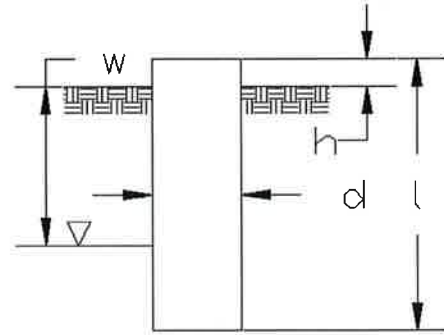
Plate Stress Ratio:
0.75 (Pass)

Bolt Stress Ratio:
0.86 (Pass)

Extra Bolt Stress Ratio:
0.64 (Pass)

Site Name: Milford CT 2, CT
 Site Number: 302535
 Engineer: Robert Barrett
 Engineering Number: 56682722
 Date: 02/11/14

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): 5601.8 k-ft
 Shear/Leg (V): 49.4 k
 Axial Load (P): 66.5 k
 Uplift/Leg (U): 0.0 k
 Tower Type (GT / SST / MP): MP
 Diameter of Caisson (d): 6.0 ft
 Caisson Embedment (L-h): 20.0 ft
 Caisson Height Above Ground (h): 0.5 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

6.0 ft
 20.0 ft
 0.5 ft
 99.0 ft
 150.0 pcf
 62.4 pcf
 1.00
 30.0 degrees

Engineer Notes

Soil Mechanical Properties

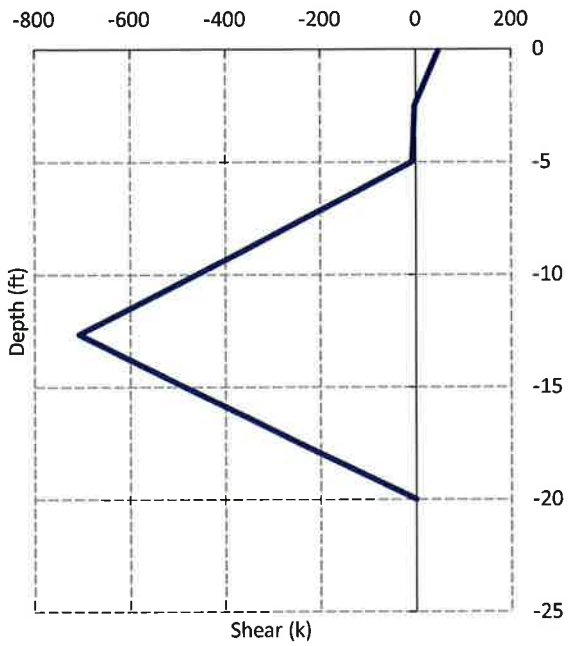
Depth (ft)		γ_{soil}	Cohesion	ϕ	Ultimate Skin	Ultimate Bearing
Top	Bottom	(pcf)	(psf)	(degree)	Friction (psf)	Pressure (psf)
0.0	3.0	110	0	0	0	0
3.0	15.0	125	6250	0	3125	36827
15.0	21.0	125	6250	0	3125	37921

Required Embedment: 14.7 ft - OK, Caisson Embedment Satisfactory
 Volume of Concrete: 579.6 ft³ = 21.5 yd³
 Weight of Concrete (Buoyancy Effect Considered): 86.9 k
 Average Soil Unit Weight: 122.8 pcf
 Skin Friction Resistance: 1001.4 k
 Compressive Bearing Resistance: 1072.2 k
 Pullout Weight (Minus Concrete Weight): 610.0 k
 Nominal Uplift Capacity per Leg ($\phi_s T_n$): 457.5 k
 Nominal Compressive Capacity per Leg ($\phi_s P_n$): 1555.2 k
 P_u : 85.0 k
 $T_u / \phi_s T_n$: 0.00 Result: OK
 $P_u / \phi_s P_n$: 0.05 Result: OK
 Total Lateral Resistance: 4203.7 k
 Inflection Point (Below Ground Surface): 12.7 ft
 Design Overturning Moment At Inflection Point (M_D): 6251.7 k-ft
 Nominal Moment Capacity ($\phi_s M_n$): 11907.4 k-ft
 $M_D / \phi_s M_n$: 0.53 Result: OK
 ϕ_s : 0.75

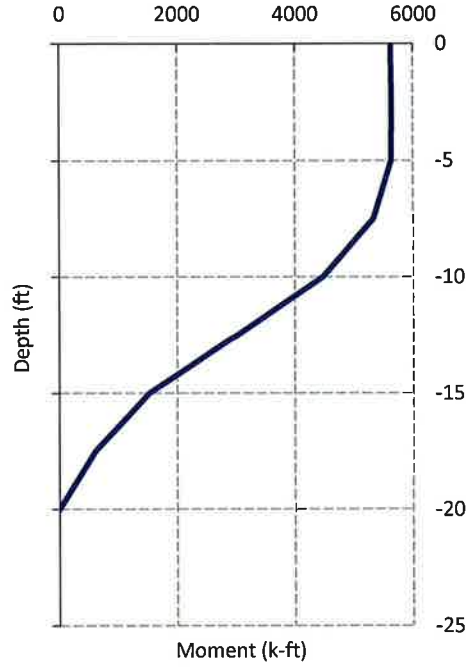
Caisson Strength Capacity

Concrete Compressive Strength (f'_c):	3000 psi
Vertical Steel Rebar Size #:	11
Vertical Steel Rebar Area:	1.56 in ²
# of Vertical Steel Rebars:	21 Minimum # of vertical rebar not met
Vertical Steel Rebar Yield Strength (F_y):	60 ksi
Horizontal Tie / Stirrup Size #:	4
Horizontal Tie / Stirrup Area:	0.20 in ²
Design Horizontal Tie / Stirrup Spacing:	12.0 in
Horizontal Tie / Stirrup Steel Yield Strength (F_y):	60 ksi
Rebar Cage Diameter:	64.0 in
Strength Bending/Tension Reduction Factor (ϕ_B):	0.90 ACI318-05 - 9.3.2.1
Strength Shear Reduction Factor (ϕ_V):	0.75 ACI318-05 - 9.3.2.3
Strength Compression Reduction Factor (ϕ_C):	0.65 ACI318-05 - 9.3.2.2
Steel Elastic Modulus:	29000 ksi
Design Moment (M_u):	5645.1 k-ft
Nominal Moment Capacity ($\phi_B M_n$):	4179.7 k-ft - ACI318-05 - 10.2
$M_u/\phi_B M_n$:	1.35 Result: NG
Design Shear (V_u):	707.2 k
Nominal Shear Capacity ($\phi_V V_n$):	423.6 k - ACI318-05 - 11.3.1.1 or 11.5.7.2
$V_u/\phi_V V_n$:	1.67 Result: NG
Design Tension (T_u):	0.0 k
Nominal Tension Capacity ($\phi_T T_n$):	1769.0 k - ACI318-05 - 10.2
$T_u/\phi_T T_n$:	0.00 Result: OK
Design Compression (P_u):	85.0 k
Nominal Compression Capacity ($\phi_C P_n$):	5355.4 k - ACI318-05 - 10.3.6.2
$P_u/\phi_C P_n$:	0.02 Result: OK
Bending Reinforcement Ratio:	0.008 Reinforcement Ratio is Satisfactory - ACI318-05 - 10.8.4 & 10.9.1
$M_u/\phi_B M_n + T_u/\phi_T T_n$:	1.35 Result: NG

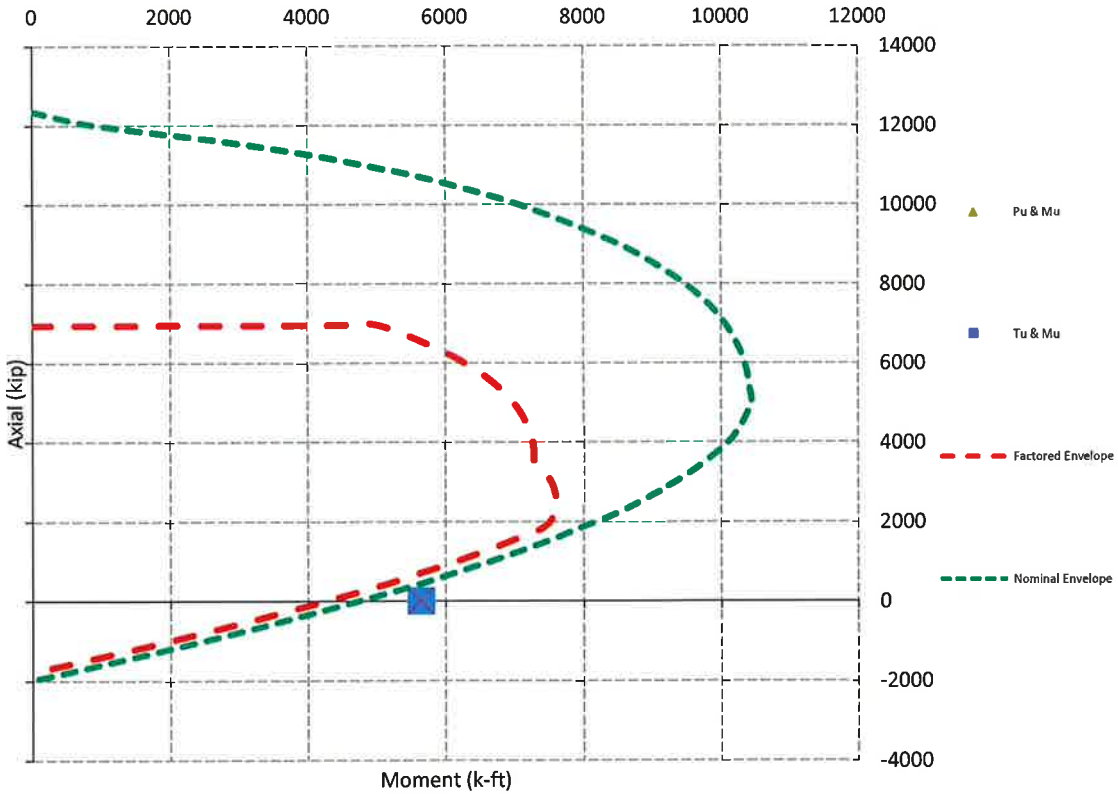
Design Factored Shear / Depth



Design Factored Moment / Depth



Nominal and Factored Moment Capacity and Factored Design Loads





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C O R P O R A T I O N

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CARY, NORTH CAROLINA 27618
PHONE: (919) 468-0112 / FAX: (919) 466-5040

302535 - MILFORD CT 2, CONNECTICUT 183 FT MONOPOLE FOUNDATION MODIFICATIONS

PROJECT DESCRIPTION:
THE MODIFICATIONS PRESENTED ON THESE DRAWINGS ARE BASED ON THE RECOMMENDATIONS OUTLINED IN THE STRUCTURAL ANALYSIS COMPLETED UNDER ENGINEERING PROJECT NUMBER 96682732 DATED 02/11/14. SATISFACTORY COMPLETION OF THE WORK INDICATED ON THESE DRAWINGS WILL RESULT IN THE STRUCTURE MEETING THE REQUIREMENTS OF THE SPECIFICATIONS UNDER WHICH THE STRUCTURAL WAS COMPLETED.

AS-BUILT SIGN-OFF		DATE
DESCRIPTION	SIGNATURE	
CONTRACTOR NAME		
CONTRACTOR REP. (PRINT NAME)		
CONTRACTOR REP. (SIGNATURE)		
REDEVELOPMENT P.M. (PRINT NAME)		
REDEVELOPMENT P.M. (SIGNATURE)		

PROJECT SUMMARY

ATC PROJECT NUMBER: 56682734
CUSTOMER: VERIZON
CUSTOMER SITE NUMBER: 117725
CUSTOMER SITE NAME: MILFORD SOUTH 2
SITE ADDRESS: 185 RESEARCH DRIVE
 MILFORD, CT 06460
DATE: 04/16/14
REVISION: 0



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

SHEET	SHEET TITLE	REV.
IGN	IBC GENERAL NOTES	0
A-1	FOUNDATION MODIFICATION INSTALLATION DETAILS	0
A-1A	REBAR LIST	0



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REV.	DESCRIPTION	BY	DATE
1	ISSUE FOR PERMITTING AND CONSTRUCTION OF THE TOWER AND SUPPORTING STRUCTURES. THE TOWER AND SUPPORTING STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS.	RMS	04/16/14
2	REVISED PER THE COMMENTS OF THE ENGINEER AND THE TOWER AND SUPPORTING STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS.	RMS	04/16/14
3	REVISED PER THE COMMENTS OF THE ENGINEER AND THE TOWER AND SUPPORTING STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS.	RMS	04/16/14
4	REVISED PER THE COMMENTS OF THE ENGINEER AND THE TOWER AND SUPPORTING STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS.	RMS	04/16/14
5	REVISED PER THE COMMENTS OF THE ENGINEER AND THE TOWER AND SUPPORTING STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS.	RMS	04/16/14
6	REVISED PER THE COMMENTS OF THE ENGINEER AND THE TOWER AND SUPPORTING STRUCTURES SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS.	RMS	04/16/14

ATC SITE NUMBER: 302535
 ATC SITE NAME: MILLFORD CT 2
 CONNECTICUT
 SITE ADDRESS: 188 RESEARCH DRIVE
 MILFORD, CT 06440



DRAWN BY:	RMS
APPROVED BY:	JAG
DATE DRAWN:	04/16/14
ATC JOB NO:	9662754
SHEET TITLE:	
IBC GENERAL NOTES	
SHEET NUMBER:	IGN
REV #	0

APPLICABLE CODES AND STANDARDS

- ANSI/AISC: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES, 22-9 EDITION
- 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT SUPPLEMENTS AND 2009 CONNECTICUT AMENDMENTS
- ACI 318: AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, 318-02
- CRSI: CONCRETE REINFORCING STEEL INSTITUTE, MANUAL OF STANDARD PRACTICE, LATEST EDITION
- AWC: AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, LATEST EDITION
- AWS: AMERICAN WELDING SOCIETY D1.1, STRUCTURAL WELDING CODE, LATEST EDITION.

SPECIAL INSPECTION

- A QUALIFIED INDEPENDENT TESTING LABORATORY, EMPLOYED BY THE OWNER, SHALL PERFORM INSPECTION AND TESTING IN ACCORDANCE WITH IRC 2003, SECTION 1704 AS REQUIRED BY PROJECT SPECIFICATIONS FOR THE FOLLOWING CONSTRUCTION WORK.
 - STRUCTURAL WELDING (CONTINUOUS INSPECTION OF FIELD WELD ONLY)
 - HIGH STRENGTH BOLTS (PERIODIC INSPECTION OF A325 EXTENSION FLANGE BOLTS TO BE TIGHTENED PER "TURN-OF-THE-NUT" METHOD)
- THE INSPECTION AGENCY SHALL SUBMIT INSPECTION AND TEST REPORTS TO THE BUILDING DEPARTMENT, THE ENGINEER OF RECORD, AND THE OWNER IN ACCORDANCE WITH IRC 2003, SECTION 1704, AND THE OWNER IN ACCORDANCE WITH IRC 2003, SECTION 1704, UNLESS THE FABRICATOR IS APPROVED BY THE BUILDING OFFICIAL TO PERFORM SUCH WORK WITHOUT THE SPECIAL INSPECTIONS

BOLT TIGHTENING PROCEDURE

- STRUCTURAL CONNECTIONS TO BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH RCSC-2004 (SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS)
- TIGHTEN FLANGE BOLTS BY AISC "TURN-OF-THE-NUT" METHOD, USING THE CHART BELOW.

BOLT LENGTHS UP TO AND INCLUDING FOUR DIAMETERS	+1/2 TURN BEYOND SNUG TIGHT
1/2"	+1/2 TURN BEYOND SNUG TIGHT
3/4"	+1/2 TURN BEYOND SNUG TIGHT
5/8"	+1/2 TURN BEYOND SNUG TIGHT
3/4"	+1/2 TURN BEYOND SNUG TIGHT
7/8"	+1/2 TURN BEYOND SNUG TIGHT
1"	+1/2 TURN BEYOND SNUG TIGHT
1-1/8"	+1/2 TURN BEYOND SNUG TIGHT
1-1/4"	+1/2 TURN BEYOND SNUG TIGHT
1-1/2"	+1/2 TURN BEYOND SNUG TIGHT
1-3/4"	+1/2 TURN BEYOND SNUG TIGHT
2"	+1/2 TURN BEYOND SNUG TIGHT

BOLT LENGTHS OVER FOUR DIAMETERS BUT NOT EXCEEDING EIGHT DIAMETERS

1/2"	+1/2 TURN BEYOND SNUG TIGHT
3/4"	+1/2 TURN BEYOND SNUG TIGHT
5/8"	+1/2 TURN BEYOND SNUG TIGHT
3/4"	+1/2 TURN BEYOND SNUG TIGHT
7/8"	+1/2 TURN BEYOND SNUG TIGHT
1"	+1/2 TURN BEYOND SNUG TIGHT
1-1/8"	+1/2 TURN BEYOND SNUG TIGHT
1-1/4"	+1/2 TURN BEYOND SNUG TIGHT
1-1/2"	+1/2 TURN BEYOND SNUG TIGHT
1-3/4"	+1/2 TURN BEYOND SNUG TIGHT
2"	+1/2 TURN BEYOND SNUG TIGHT

SPLICE BOLTS SUBJECT TO DIRECT TENSION SHALL BE INSTALLED AND TIGHTENED AS PER SECTION 8.2.1 OF THE AISC "SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS". LOCATED IN THE AISC MANUAL OF STEEL CONSTRUCTION, THE INSTALLATION PROCEDURE IS PARAPHRASED AS FOLLOWS:

FASTENERS SHALL BE INSTALLED IN PROPERLY ALIGNED HOLES AND TIGHTENED BY ONE OF THE METHODS DESCRIBED IN SUBSECTION 8.2.1 THROUGH 8.2.4.

8.2.1 TURN-OF-NUT PRETENSIONING
 BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG TIGHT CONDITION AS DEFINED IN SECTION 8.1, UNTIL ALL THE BOLTS ARE SIMULTANEOUSLY SNUG TIGHT AND THE CONNECTION IS FULLY COMPACTED. FOLLOWING THIS INITIAL TIGHTENING, THE CONNECTION SHALL BE RE-TIGHTENED BY THE APPLICABLE METHOD SPECIFIED ABOVE. DURING THE TIGHTENING OPERATION THERE SHALL BE NO ROTATION OF THE PART NOT TURNED BY THE WRENCH. TIGHTENING SHALL PROGRESS SYSTEMATICALLY.

ALL OTHER BOLTED CONNECTIONS SHALL BE BROUGHT TO A SNUG TIGHT CONDITION AS DEFINED IN SECTION 8.1 OF THE SPECIFICATION.

ALL BOLT HOLES SHALL BE ALIGNED TO PERMIT INSERTION OF THE BOLTS WITHOUT THE USE OF WASHERS. POSITIONS AS REQUIRED AND NUTS THREADED TO COMPLETE THE ASSEMBLY. COMPACTING THE JOINT TO THE SNUG-TIGHT CONDITION SHALL PROGRESS SYSTEMATICALLY FROM THE MOST RIGID PART OF THE JOINT. THE SNUG-TIGHTENED CONDITION IS THE TIGHTNESS THAT IS ATTAINED WITH A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER USING AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED PLIES INTO FIRM CONTACT.

PAINT

- AS REQUIRED, CLEAN AND PAINT PROPOSED STEEL ACCORDING TO FAA ADVISORY CIRCULAR AC 707460-1K

GENERAL

- ALL METHODS, MATERIALS AND WORKMANSHIP SHALL FOLLOW THE DICTATES OF GOOD CONSTRUCTION PRACTICE.
- ALL WORK INDICATED ON THESE DRAWINGS SHALL BE PERFORMED BY QUALIFIED CONTRACTORS EXPERIENCED IN TOWER AND FOUNDATION CONSTRUCTION.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY OF ANY INSTALLATION INTERFERENCES. ALL NEW WORK SHALL ACCOMMODATE EXISTING CONDITIONS. DETAILS NOT SPECIFICALLY SHOWN ON THE DRAWINGS SHALL FOLLOW SIMILAR DETAILS FOR THIS JOB.
- ANY SUBSTITUTIONS MUST CONFORM TO THE REQUIREMENTS OF THESE NOTES AND SPECIFICATIONS, AND SHOULD BE SIMILAR TO THOSE SHOWN. ALL SUBSTITUTIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- ANY MANUFACTURED DESIGN ELEMENTS MUST CONFORM TO THE REQUIREMENTS OF THESE NOTES AND SPECIFICATIONS AND SHOULD BE SIMILAR TO THOSE SHOWN. THESE DESIGN ELEMENTS MUST BE STAMPED BY AN ENGINEER PROFESSIONALLY REGISTERED IN THE STATE OF THE PROJECT, AND SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL CODES AND OSHA SAFETY REGULATIONS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND EXECUTION OF ALL MISCELLANEOUS SHORING, BRACING, TEMPORARY SUPPORTS, ETC. NECESSARY, SHOWN ON THESE DRAWINGS.
- CONTRACTOR'S PROPOSED INSTALLATION SHALL NOT INTERFERE, NOR DENY ACCESS TO, ANY EXISTING OPERATIONAL AND SAFETY EQUIPMENT.

STRUCTURAL STEEL

- ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION
- ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B989.
- ALL BOLTS SHALL BE ASTM A307 OR EQUIVALENT, WITH LOCKING DEVICE, UNLESS NOTED OTHERWISE.
- FIELD CUT EDGES, EXCEPT DRILLED HOLES, SHALL BE GROUND SMOOTH.
- ALL FIELD CUT SURFACES, FIELD DRILLED HOLES & GROUND SURFACES WHERE EXISTING PAINT OR GALVANIZATION REMOVAL WAS REQUIRED SHALL BE REPAIRED WITH (2) BRUSHED COATS OF ZINC GALVALUME COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.
- ALL FIELD DRILLED HOLES TO BE USED FOR FIELD BOLTING INSTALLATION SHALL BE STANDARD HOLES, AS DEFINED BY AISC, UNLESS NOTED OTHERWISE.

WELDING

- ALL WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS AND CONDUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE AWS WELDING CODE D1.1
- ALL WELDS SHALL BE INSPECTED VISUALLY. 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MAGNETIC PARTICLE (100% IF REJECTABLE DEFECTS ARE FOUND) TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. REPAIR ALL WELDS AS NECESSARY.
- INSPECTION SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR.
- ALL ELECTRODES TO BE LOW HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNLESS NOTED OTHERWISE.
- MINIMUM WELD SIZE TO BE 0.1875 INCH FILLET WELDS, UNLESS NOTED OTHERWISE.
- PRIOR TO FIELD WELDING GALVANIZED MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING 1/2" BEYOND ALL FIELD WELD SURFACES. AFTER WELD AND WELD INSPECTION IS COMPLETE, REPAIR ALL GROUND AND WELDED SURFACES WITH ZINC-CRICH GALVALUME COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.



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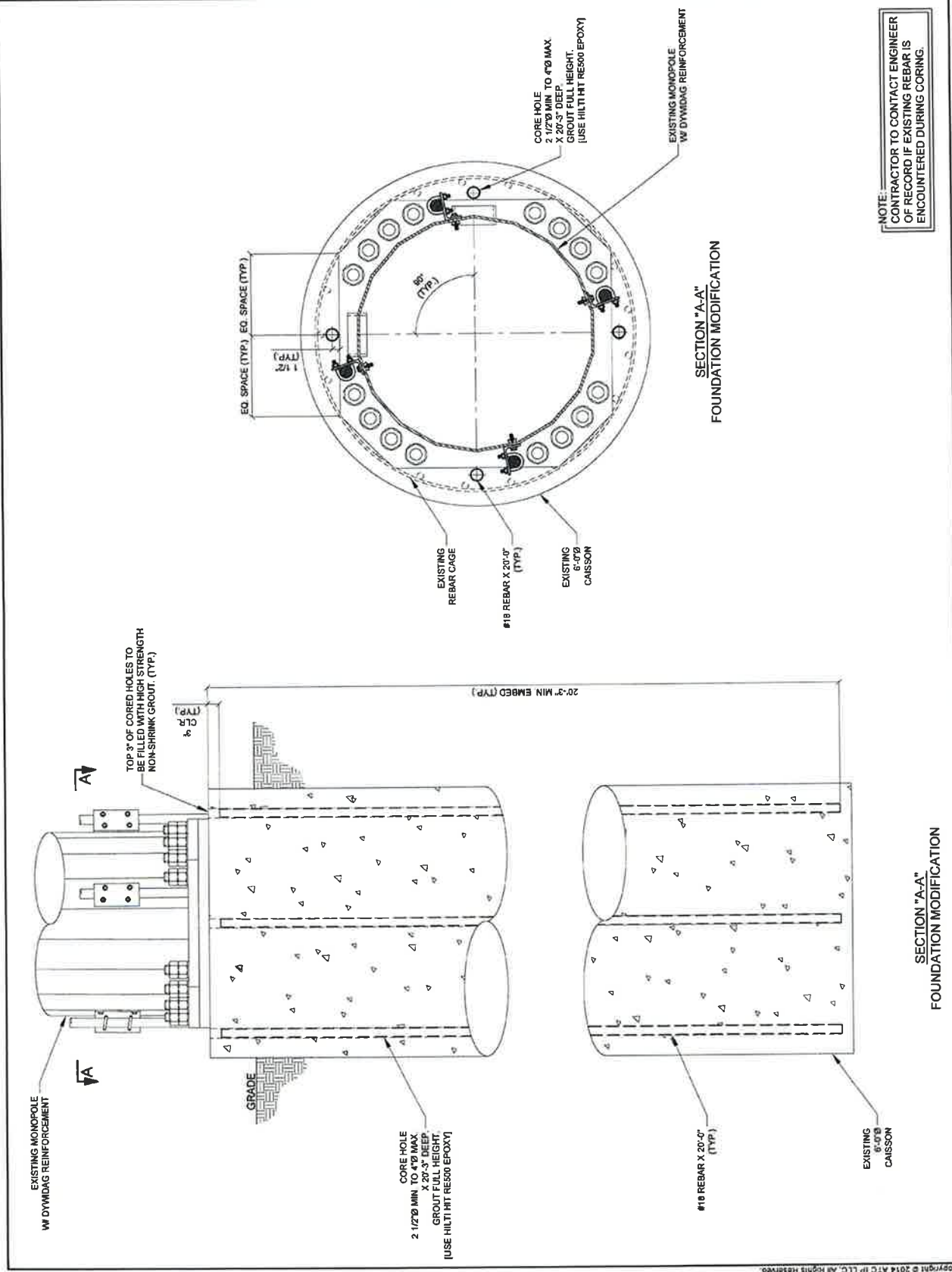
REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	RMS	04/18/14

ATC SITE NUMBER:
 302535
 ATC SITE NAME:
 MILFORD CT 2
 CONNECTICUT
 SITE ADDRESS:
 185 RESEARCH DRIVE
 MILFORD, CT 06460



DRAWN BY:	RMS
APPROVED BY:	SAW
DATE DRAWN:	04/18/14
ATC JOB NO.:	5982734
SHEET TITLE:	

FOUNDATION
 MODIFICATION
 INSTALLATION DETAILS
 SHEET NUMBER: **A-1**
 REV. # **0**



NOTE:
 CONTRACTOR TO CONTACT ENGINEER OF RECORD IF EXISTING REBAR IS ENCOUNTERED DURING CORING.



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REV.	DESCRIPTION	BY	DATE
1	FIRST ISSUE	RMS	06/10/14

ATC SITE NUMBER:
 302535

ATC SITE NAME:
 MILFORD CT 2
 CONNECTICUT

SITE ADDRESS:
 185 RESEARCH DRIVE
 MILFORD, CT 06460



DRAWN BY:	RMS
APPROVED BY:	SAW
DATE DRAWN:	06/10/14
ATC JOB NO.:	3662154
SHEET TITLE:	REBAR LIST
SHEET NUMBER:	A-1A
REV. #	0

BENT REBAR LIST						
MARK	QTY	BAR SIZE	LENGTH (ft)	WEIGHT (lb)	TYPE	BENDING DIAGRAM
					BENT	
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