

November 25, 2014

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

Re: **Notice of Exempt Modification – Facility Modification
1590 Newfield Avenue, Stamford, Connecticut**

Dear Ms. Bachman:

Cellco Partnership d/b/a Verizon Wireless (“Cellco”) currently maintains twelve (12) antennas at the 143-foot level of the existing 148-foot tower 1590 Newfield Avenue in Stamford (the “Property”). The tower is owned by American Tower Corporation. The Council approved Cellco’s shared use of this tower in 2004. Cellco now intends to modify its facility by replacing one (1) of its existing antennas with one (1) model BXA-70063-6CF, 850 MHZ antenna at the same level on the tower. Included in Attachment 1 are specifications for Cellco’s replacement antenna.

Please accept this letter as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72(b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to David Martin, Mayor of the City of Stamford. Cellco is 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 antenna will be installed on its existing antenna platform at the 143-foot level.

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.

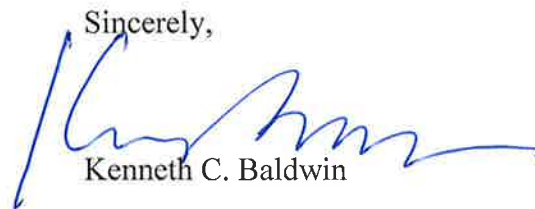
4. The operation of the replacement antennas will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety standard. A cumulative General Power Density table for Cellco's modified facility is included in Attachment 2.

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 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,

A handwritten signature in blue ink, appearing to read 'Kenneth C. Baldwin', is written over the typed name.

Kenneth C. Baldwin

Enclosures

Copy to:

David Martin, Stamford Mayor

Sandy M. Carter

ATTACHMENT 1

BXA-70063-6CF-EDIN-X

X-Pol | FET Panel | 63° | 14.5 dBd

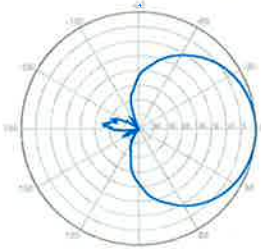
Replace "X" with desired electrical downtilt.

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



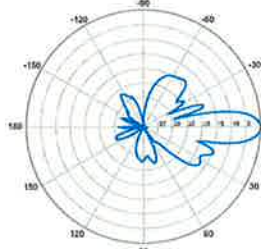
Electrical Characteristics	696-900 MHz		
Frequency bands	696-806 MHz	806-900 MHz	
Polarization	±45°		
Horizontal beamwidth	65°	63°	
Vertical beamwidth	13°	11°	
Gain	14.0 dBd (16.1 dBi)	14.5 dBd (16.6 dBi)	
Electrical downtilt (X)	0, 2, 3, 4, 5, 6, 8, 10		
Impedance	50Ω		
VSWR	≤1.35:1		
Upper sidelobe suppression (0°)	-18.3 dB	-18.2 dB	
Front-to-back ratio (+/-30°)	-33.4 dB	-36.3 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		
IM3 (2x20W carriers)	< -153 dBc		
Lightning protection	Direct Ground		
Connector(s)	2 Ports / EDIN or NE / Female / Center (Back)		
Mechanical Characteristics			
Dimensions Length x Width x Depth	1804 x 285 x 132 mm	71.0 x 11.2 x 5.2 in	
Depth with z-brackets	172 mm	6.8 in	
Weight without mounting brackets	7.9 kg	17 lbs	
Survival wind speed	> 201 km/hr		
Wind area	Front: 0.51 m ² Side: 0.24 m ²	Front: 5.5 ft ² Side: 2.6 ft ²	
Wind load @ 161 km/hr (100 mph)	Front: 759 N Side: 391 N	Front: 169 lbf Side: 89 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	For concealment configurations, order BXA-70063-6CF-EDIN-X-FP		

BXA-70063-6CF-EDIN-X



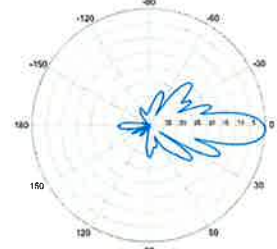
Horizontal | 750 MHz

BXA-70063-6CF-EDIN-0

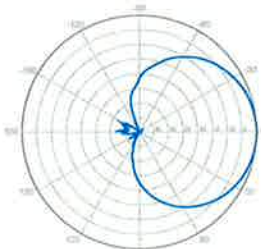


0° | Vertical | 750 MHz

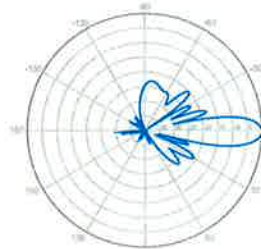
BXA-70063-6CF-EDIN-2



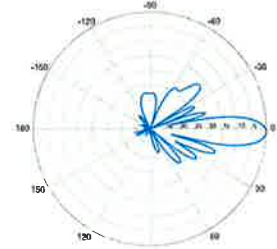
2° | Vertical | 750 MHz



Horizontal | 850 MHz



0° | Vertical | 850 MHz



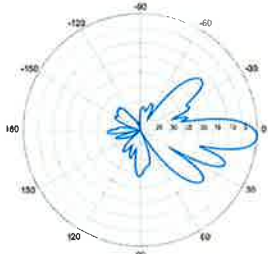
2° | Vertical | 850 MHz

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.

BXA-70063-6CF-EDIN-X

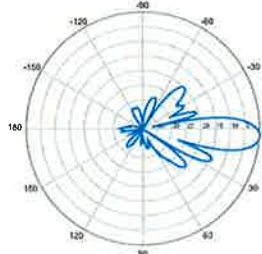
X-Pol | FET Panel | 63° | 14.5 dBd

BXA-70063-6CF-EDIN-3



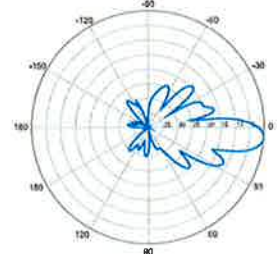
3° | Vertical | 750 MHz

BXA-70063-6CF-EDIN-4

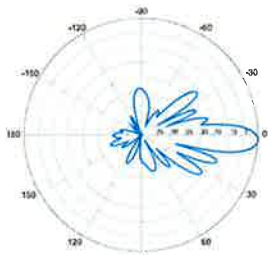


4° | Vertical | 750 MHz

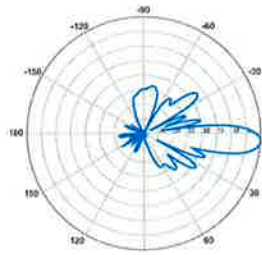
BXA-70063-6CF-EDIN-5



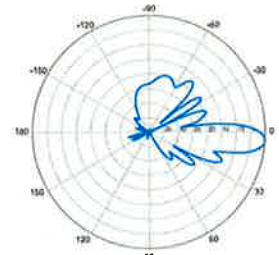
5° | Vertical | 750 MHz



3° | Vertical | 850 MHz

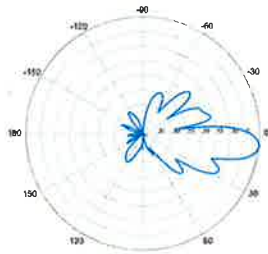


4° | Vertical | 850 MHz



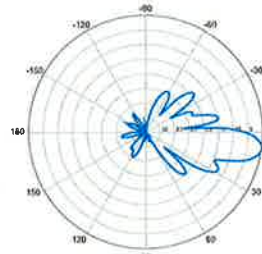
5° | Vertical | 850 MHz

BXA-70063-6CF-EDIN-6



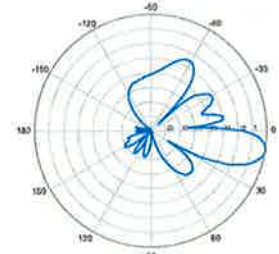
6° | Vertical | 750 MHz

BXA-70063-6CF-EDIN-8

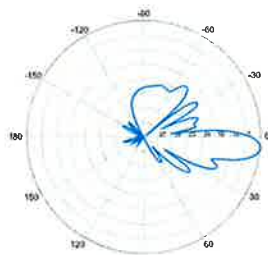


8° | Vertical | 750 MHz

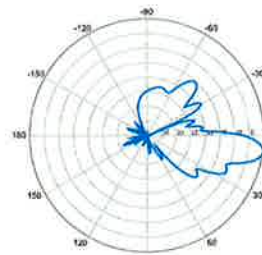
BXA-70063-6CF-EDIN-10



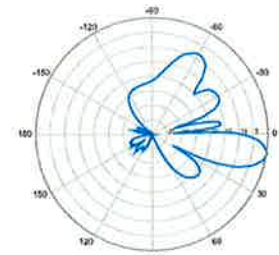
10° | Vertical | 750 MHz



6° | Vertical | 850 MHz



8° | Vertical | 850 MHz



10° | Vertical | 850 MHz

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ATTACHMENT 2

Site Name: North Stamford Tower Height: 148ft		General		Power		Density							
CARRIER	# OF CHAN.	WATTS ERP	HEIGHT	CALC. POWER DENS	FREQ.	MAX. PERMISS. EXP.	FRACTION MPE	Total					
*Sprint CDMA/LTE	4	693	120	0.0692	1900	1.0000	6.92%						
*Sprint CDMA/LTE	1	390	120	0.0097	850	0.5667	1.72%						
*Sprint CDMA/LTE	2	390	120	0.0195	2300	1.0000	1.95%						
*Sensus (CL&P)	1	200	105	0.0065	940.1125	0.6267	1.04%						
*AT&T UMTS	1	500	150	0.0080	880	0.5867	1.36%						
*AT&T UMTS	1	500	150	0.0080	1900	1.0000	0.80%						
*AT&T GSM	16	296	150	0.0757	880	0.5867	12.90%						
*AT&T GSM	6	427	150	0.0409	1930	1.0000	4.09%						
*AT&T LTE	1	500	150	0.0080	740	0.4933	1.62%						
*Clearwire	2	153	137	0.0059	2496	1.0000	0.59%						
*Clearwire	1	211	137	0.0040	11 GHz	1.0000	0.40%						
*Nextel iDEN	19	100	131.5	0.0395	851	0.5673	6.96%						
*Sprint/Nextel WiMAX	3	562	131.5	0.0351	2657	1.0000	3.51%						
*T-Mobile	2	542	160	0.0152	2100	1.0000	1.52%						
*T-Mobile	8	136	160	0.0153	1945	1.0000	1.53%						
Verizon PCS	15	414	143	0.1092	1970	1.0000	10.92%						
Verizon Cellular	9	389	143	0.0616	869	0.5793	10.63%						
Verizon AWS	1	1750	143	0.0308	2145	1.0000	3.08%						
Verizon 700	1	809	143	0.0142	746	0.4973	2.86%						74.40%
* Source: Siting Council													

ATTACHMENT 3



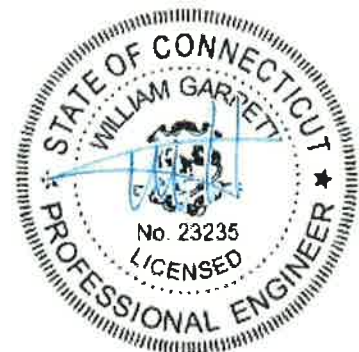
AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 148 ft Monopole
ATC Site Name : SMFR - North, CT
ATC Site Number : 302515
Engineering Number : 60599921
Proposed Carrier : Verizon
Carrier Site Name : North Stamford
Carrier Site Number : N/A
Site Location : 0 Lot 4 Eastover Road
Stamford, CT 06905-1403
41.112750,-73.538353
County : Fairfield
Date : November 13, 2014
Max Usage : 100%
Result : Pass

Jessica Abbott, E.I.
Structural Engineer I

Jessica Abbott





Eng. Number 60599921
November 13, 2014

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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 148 ft monopole to reflect the change in loading by Verizon.

Supporting Documents

Tower Drawings	Engineered Endeavors Job #4370, dated October 21, 1998
Foundation Drawing	Engineered Endeavors Job #5591, dated November 17, 1999
Geotechnical Report	Dr. Clarence Welti, dated October 25, 2000
Modifications	ATC Project #43868633, dated September 1, 2009 ATC Project #51772939, dated April 11, 2013

Analysis

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

Basic Wind Speed:	90 mph (Fastest Mile)
Basic Wind Speed w/ Ice:	78 mph (Fastest Mile)w/ 1/2" radial ice concurrent
Code:	ANSI/TIA/EIA-222-F / 2003 IBC , Sec. 1609.1.1, Exception (4) & Sec. 3108.4 w/ 2005 CT Supplement & 2009 CT Amendment

Conclusion

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

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



Existing and Reserved Equipment

Elevation ¹ (ft)		Qty	Antenna	Mount Type	Lines	Carrier	
Mount	RAD						
160.0	160.0	3	Andrew E15S09P94	Platform w/ Handrails	(12) 1 5/8" Coax	T-Mobile	
		3	RFS ATMAP1412D-1A20				
		2	Andrew ADFD1820-9090B-R2DM				
		1	Andrew TMZXX-6516-R2M				
152.0	152.0	12	Powerwave LGP21401		Low Profile Platform	(12) 1 1/4" Coax (2) 0.74" 8 AWG 7 (1) 0.28" RG6 (1) 3" Conduit	AT&T Mobility
		1	Raycap DC6-48-60-18-8F				
		6	Ericsson RRUS 11 (Band 12)				
		6	Allgon 7770.00				
		3	Powerwave P65-16-XLH-RR				
141.0	143.0	6	RFS FD9R6004	Side Arm	(12) 1 5/8" Coax	Verizon	
		3	Antel BXA-171063/8BF				
		3	Rymrsa MGD3-800T0				
		1	RFS DB-T1-6Z-8AB-OZ				
		1	Antel BXA-80063-6BF-EDIN-X				
		3	Antel BXA-70063/6CF				
		1	Antel BXA-80080/6CF				
137.0	137.0	1	DragonWave Horizon Compact	Flush	-	Clearwire	
		3	NextNet BTS-2500				
		3	Argus LLPX310R				
		1	DragonWave A-ANT-18G-2.5-C				
133.0	133.0	3	KMW KMDAPS2040000	Low Profile Platform	(9) 1 1/4" Coax (6) 1 5/8 Coax	Sprint Nextel	
131.0	133.0	9	48" x 12" Panel	Low Profile Platform	(9) 1 1/4" Coax (6) 1 5/8 Coax		
		3	72" x 12" Panel				
120.0	120.0	3	Alcatel-Lucent 2X50W RRH w/o Filter	Low Profile Platform	(4) 1 1/4" Hybriflex		Sprint Nextel
		3	Alcatel-Lucent 4x40W RRH				
		3	Alcatel-LucentTD-RRH8x20-25 w/ S.S.				
		3	RFS APXVTM14-C-I20				
		3	RFS APXVSP18-C-A20				
110.0	112.8	2	Diamond X50A	Side Arms	(2) 1/2" Coax	Enertrac	
100.0	105.0	1	Antel BCD-87010_4°	Side Arm	(1) 7/8" Coax	Sensus Metering	
75.0	75.0	1	PCTEL GPS-TMG-HR-26N	Side Arm	(1) 1/2" Coax	Sprint Nextel	

Equipment to be Removed

Elevation ¹ (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
141.0	143.0	1	Antel BXA-80080/6CF	-	-	Verizon Wireless

Proposed Equipment

Elevation ¹ (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
141.0	143.0	1	Antel BXA-70063/6CF_2	Low Profile Platform	(1) 1 5/8" Hybriflex	Verizon

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).

Install proposed coax inside the pole shaft.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	89%	Pass
Shaft	94%	Pass
Base Plate	43%	Pass
Reinforcement	100%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	4359.1
Axial (Kips)	51.7
Shear (Kips)	39.3

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

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
141.0	2.606	2.088

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



Standard Conditions

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

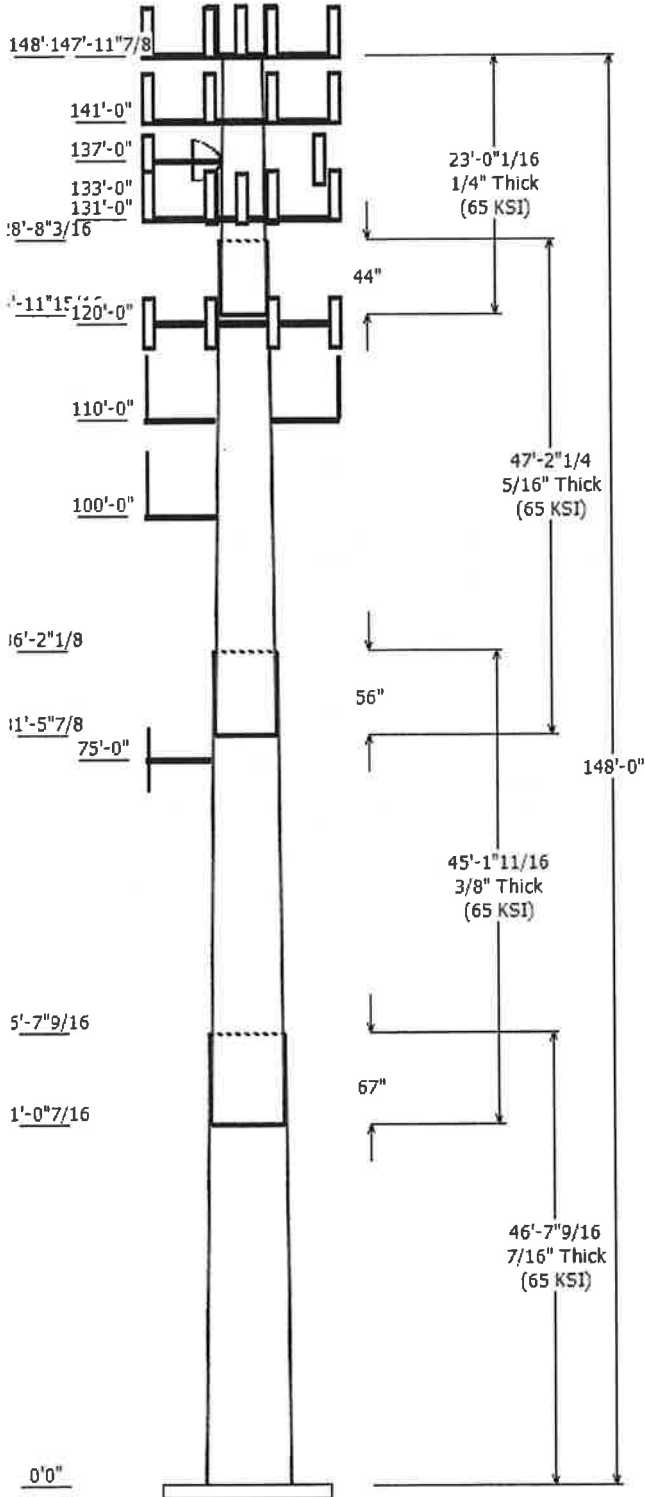
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

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

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

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

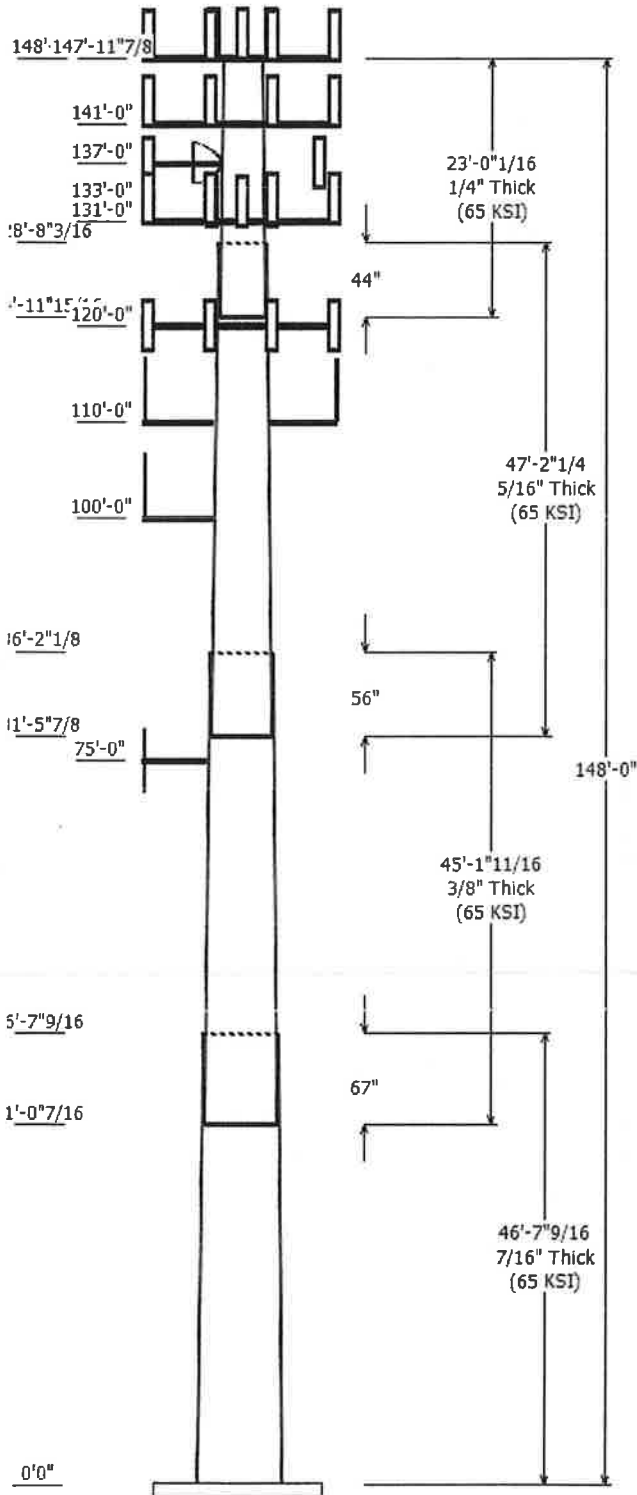
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Job Information	
Pole :	302515
Code :	TIA/EIA-222 Rev F
Description :	148 ft EEI Monopole
Client :	Verizon Wireless
Location :	SMFR - North, CT
Shape :	18 Sides
Height :	148.00 (ft)
Base Elev (ft):	0.00
Taper:	0.195479(in/ft)

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap		Steel Grade (ksi)
		Across Top	Flats Bottom			Length (in)	Taper (in/ft)	
1	46.630	38.885	48.000	0.438		0.000	0.195479	65
2	45.140	31.904	40.728	0.375	Slip Joint	67.125	0.195479	65
3	47.190	24.220	33.445	0.313	Slip Joint	56.218	0.195479	65
4	23.006	20.944	25.441	0.250	Slip Joint	44.251	0.195479	65

Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
148.000	148.000	1	Pipe
148.000	160.000	3	RFS ATMAP1412D-1A20
148.000	160.000	2	Andrew ADFD1820-9090B-R2DM
148.000	160.000	1	Andrew TMZXX-6516-R2M
148.000	160.000	3	Andrew E15S09P94
147.990	147.990	1	Flat Platform w/ Handrails
147.990	151.990	1	Raycap DC6-48-60-18-8F
147.990	151.990	3	Powerwave P65-16-XLH-RR
147.990	151.990	12	Powerwave LGP21401
147.990	151.990	6	Ericsson RRUS 11 (Band 12)
147.990	151.990	6	Allgon 7770.00
141.000	143.000	1	Antel BXA-70063/6CF_2
141.000	141.000	1	Flat Low Profile Platform
141.000	143.000	1	RFS DB-T1-6Z-8AB-0Z
141.000	143.000	2	Antel BXA-80080/6CF
141.000	143.000	3	Antel BXA-171063/8BF
141.000	143.000	3	Antel BXA-70063/6CF
141.000	143.000	3	Rymsa MGD3-800T0
141.000	143.000	6	RFS FD9R6004
141.000	143.000	1	Antel BXA-80063-6BF-EDIN-X
137.000	137.000	1	DragonWave A-ANT-18G-2.5-C
137.000	137.000	1	Round Side Arm
137.000	137.000	3	NextNet BTS-2500
137.000	137.000	1	DragonWave Horizon Compact
137.000	137.000	3	Argus LLPX310R
133.000	133.000	3	KMW KMDAPS2040000
131.000	133.000	3	72" x 12" Panel
131.000	133.000	9	48" x 12" Panel
131.000	131.000	1	Flat Low Profile Platform
120.000	120.000	3	RFS APXVSP18-C-A20
120.000	120.000	3	Alcatel-Lucent 4x40W RRH
120.000	120.000	3	Alcatel-Lucent 2X50W RRH w/o F
120.000	120.000	3	RFS APXVTM14-C-I20
120.000	120.000	3	Alcatel-LucentTD-RRH8x20-25 w/
120.000	120.000	1	Flat Low Profile Platform
110.000	112.800	2	Diamond X50A
110.000	110.000	2	Flat Side Arm
100.000	100.000	1	Side Arm
100.000	105.000	1	Antel BCD-87010_4°
75.000	75.000	1	Side Arm
75.000	75.000	1	PCTEL GPS-TMG-HR-26N

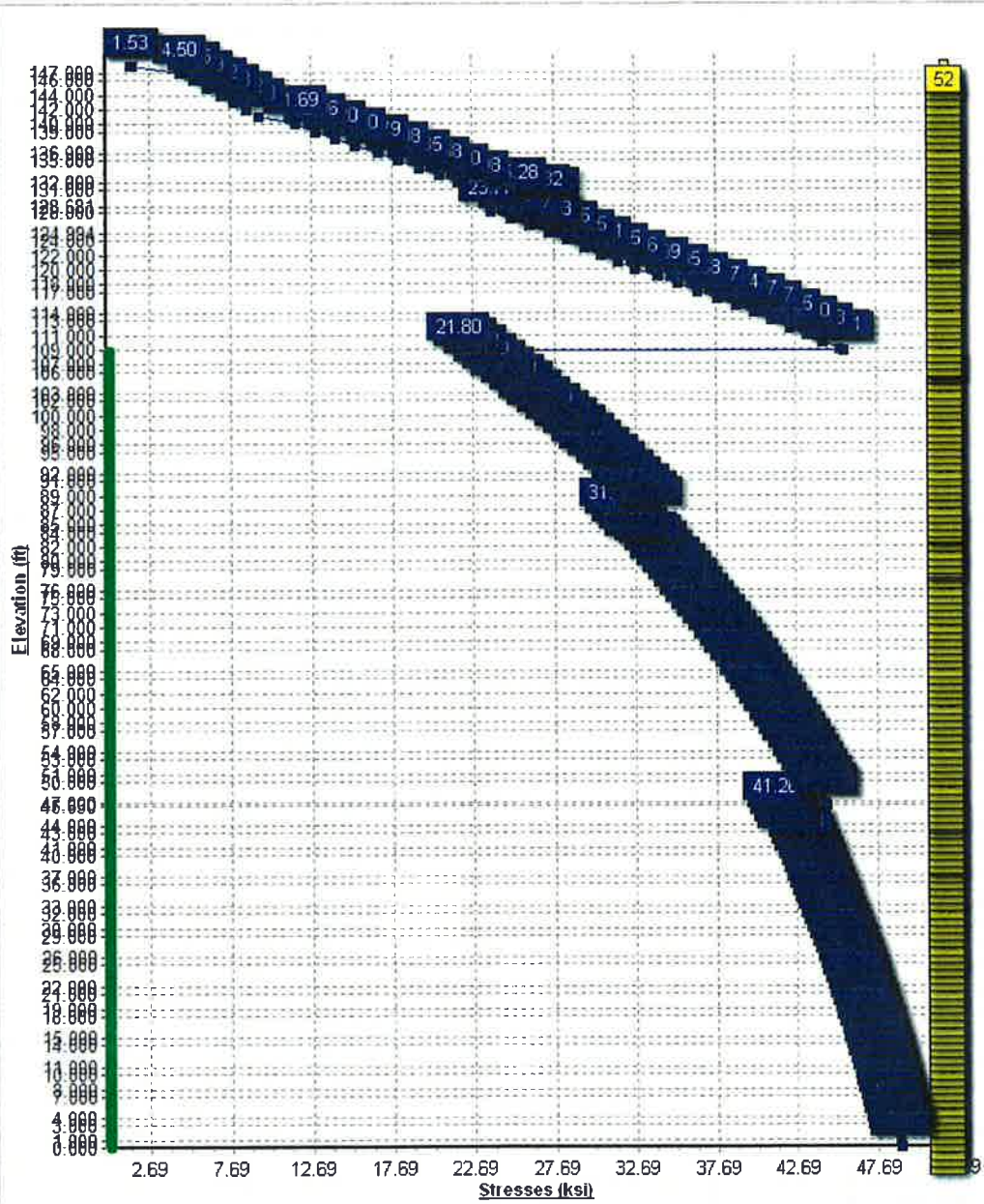


Linear Appurtenance			
Elev (ft)		Description	Exposed To Wind
From	To		
5.000	120.00	1 1/4" Hybriflex	Yes
5.000	120.00	1 1/4" Hybriflex	Yes
5.000	131.00	1 1/4" Coax	Yes
5.000	131.00	1 5/8 Coax	No
5.000	137.00	1/2" Coax	Yes
5.000	137.00	2" Conduit	Yes
5.000	137.00	5/16" Coax	No
5.000	141.00	1 5/8" Coax	No
5.000	141.00	1 5/8" Hybriflex	Yes
5.000	147.99	0.28" RG6	No
5.000	147.99	0.74" 8 AWG 7	No
5.000	147.99	1 1/4" Coax	No
5.000	148.00	1 5/8" Coax	Yes
5.000	148.00	1 5/8" Coax	No
5.000	75.000	1/2" Coax	Yes
5.000	100.00	7/8" Coax	Yes
5.000	110.00	1/2" Coax	No
0.000	113.25	DYWIDAG	Yes

Load Cases	
No Ice	90.00 mph Wind with No Ice
Ice	77.94 mph Wind with Ice
Twist/Sway	50.00 mph Wind with No Ice

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
No Ice	4359.07	39.30	46.74
Ice	3691.62	33.34	51.67
Twist/Sway	1347.39	12.13	46.76

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
Twist/Sway	137.00	29.538	2.056

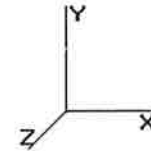


Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

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Base Elev : 0.000 (ft)



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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom						Top							
							Dia (in)	Elev (ft)	Area (sqin)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in ⁴)	W/t Ratio	D/t Ratio	Taper (in/ft)	
1-18	46.630	0.4375	65		0.00	9,475	48.00	0.00	66.04	18876.3	17.93	109.71	38.885	46.63	53.39	9970.6	14.26	88.88	0.195479	
2-18	45.140	0.3750	65	Slip	67.13	6,571	40.72	41.04	48.03	9881.2	17.74	108.61	31.904	86.18	37.53	4713.2	13.59	85.08	0.195479	
3-18	47.190	0.3125	65	Slip	56.22	4,542	33.44	81.49	32.86	4557.9	17.46	107.02	24.220	128.68	23.71	1712.5	12.26	77.51	0.195479	
4-18	23.006	0.2500	65	Slip	44.25	1,425	25.44	124.99	19.99	1602.6	16.53	101.76	20.944	148.00	16.42	888.4	13.36	83.78	0.195479	
Shaft Weight						22,013														

Discrete Appurtenance Properties

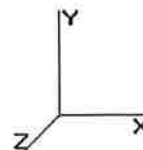
Attach Elev (ft)	Description	Qty	No Ice			Ice			Distance From Face (ft)	Vert Ecc (ft)		
			Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor				
148.00	Andrew ADFD1820-9090B-	2	22.00	6.070	0.62	54.00	6.700	0.62	0.000	12.000		
148.00	Andrew E15S09P94	3	14.60	0.660	0.33	19.50	0.840	0.33	0.000	12.000		
148.00	Andrew TMZXX-6516-R2M	1	35.20	11.490	0.57	85.00	12.280	0.57	0.000	12.000		
148.00	Pipe	1	200.00	6.400	1.00	0.00	0.000	1.00	0.000	0.000		
148.00	RFS ATMAP1412D-1A20	3	13.00	1.170	0.33	20.60	1.390	0.33	0.000	12.000		
147.99	Allgon 7770.00	6	35.00	5.880	0.64	68.00	6.430	0.64	0.000	4.000		
147.99	Ericsson RRUS 11 (Band 12)	6	55.00	2.940	0.50	74.30	3.290	0.50	0.000	4.000		
147.99	Flat Platform w/ Handrails	1	2000.00	42.400	1.00	2,450.00	48.400	1.00	0.000	0.000		
147.99	Powerwave LGP21401	12	14.10	1.290	0.33	21.26	1.530	0.33	0.000	4.000		
147.99	Powerwave P65-16-XLH-RR	3	53.00	8.400	0.66	100.20	9.220	0.66	0.000	4.000		
147.99	Raycap DC6-48-60-18-8F	1	31.80	1.470	1.00	49.50	1.670	1.00	0.000	4.000		
141.00	Antel BXA-171063/8BF	3	10.50	2.900	0.90	29.80	3.370	0.90	0.000	2.000		
141.00	Antel BXA-70063/6CF	3	14.90	7.740	0.64	56.00	8.550	0.64	0.000	2.000		
141.00	Antel BXA-70063/6CF_2	1	14.90	7.740	0.64	56.00	8.550	0.64	0.000	2.000		
141.00	Antel BXA-80063-6BF-EDIN-X	1	19.20	7.460	0.78	70.60	9.080	0.78	0.000	2.000		
141.00	Antel BXA-80080/6CF	2	22.00	7.900	0.65	67.30	8.730	0.65	0.000	2.000		
141.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000		
141.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	5.600	1.00	0.00	0.000	1.00	0.000	2.000		
141.00	RFS FD9R6004	6	3.10	0.370	0.33	5.40	0.500	0.33	0.000	2.000		
141.00	Rymsa MGD3-800T0	3	19.80	3.450	0.69	39.89	3.980	0.69	0.000	2.000		
137.00	Argus LLPX310R	3	28.60	4.830	0.62	54.50	5.360	0.62	0.000	0.000		
137.00	DragonWave A-ANT-18G-2.5-	1	47.60	8.430	1.00	101.80	9.420	1.00	0.000	0.000		
137.00	DragonWave Horizon	1	10.60	0.430	0.33	17.00	0.580	0.33	0.000	0.000		
137.00	NextNet BTS-2500	3	35.00	2.120	0.33	48.30	2.430	0.33	0.000	0.000		
137.00	Round Side Arm	1	150.00	5.200	1.00	175.00	5.900	1.00	0.000	0.000		
133.00	KMW KMDAPS2040000	3	15.90	1.140	0.33	23.35	1.360	0.33	0.000	0.000		
131.00	48" x 12" Panel	9	30.00	5.600	0.67	63.00	6.190	0.67	0.000	2.000		
131.00	72" x 12" Panel	3	40.00	8.400	0.67	87.00	9.230	0.67	0.000	2.000		
131.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000		
120.00	Alcatel-Lucent 2X50W RRRH	3	53.00	2.400	0.50	86.10	2.720	0.50	0.000	0.000		
120.00	Alcatel-Lucent 4x40W RRRH	3	91.00	3.830	0.67	122.40	4.230	0.67	0.000	0.000		
120.00	Alcatel-Lucent TD-RRH8x20-	3	66.10	4.720	0.67	122.40	4.230	0.67	0.000	0.000		
120.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000		
120.00	RFS APXVSP18-C-A20	3	57.00	8.260	0.67	106.50	9.080	0.67	0.000	0.000		
120.00	RFS APXVTM14-C-I20	3	52.90	6.900	0.78	71.44	7.420	0.78	0.000	0.000		
110.00	Diamond X50A	2	2.30	1.120	1.00	57.20	1.630	1.00	0.000	2.800		
110.00	Flat Side Arm	2	150.00	6.300	0.90	230.00	7.000	0.90	0.000	0.000		
100.00	Antel BCD-87010_4°	1	26.50	2.900	1.00	47.98	4.050	1.00	0.000	5.000		
100.00	Side Arm	1	150.00	5.200	1.00	175.00	5.900	1.00	0.000	0.000		
75.00	PCTEL GPS-TMG-HR-26N	1	0.60	0.090	0.33	3.50	0.800	0.33	0.000	0.000		
75.00	Side Arm	1	30.00	3.000	1.00	230.00	7.000	1.00	0.000	0.000		
Totals		109	10346.70				14,050.64				Number of Loadings :	41

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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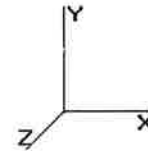
Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	No Ice		Ice		Exposed To Wind
			Weight (lb/ft)	CaAa (sf/ft)	Weight (lb/ft)	CaAa (sf/ft)	
5.00	148.00	(6) 1 5/8" Coax	4.92	0.20	4.92	0.30	Y
5.00	148.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	N
5.00	147.99	(1) 0.28" RG6	0.03	0.00	0.00	0.00	N
5.00	147.99	(2) 0.74" 8 AWG 7	0.98	0.00	0.00	0.00	N
5.00	147.99	(12) 1 1/4" Coax	7.56	0.00	0.00	0.00	N
5.00	141.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	N
5.00	141.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	N
5.00	141.00	(1) 1 5/8" Hybriflex	1.30	0.20	0.00	0.30	Y
5.00	137.00	(1) 1/2" Coax	0.15	0.00	0.15	0.30	Y
5.00	137.00	(1) 2" Conduit	3.65	0.24	0.00	0.00	Y
5.00	137.00	(6) 5/16" Coax	2.94	0.00	0.00	0.00	N
5.00	131.00	(9) 1 1/4" Coax	5.67	0.00	0.00	0.00	Y
5.00	131.00	(6) 1 5/8 Coax	4.92	0.00	0.00	0.00	N
5.00	120.00	(3) 1 1/4" Hybriflex	3.00	0.00	1.25	0.00	Y
5.00	120.00	(1) 1 1/4" Hybriflex	3.00	0.00	0.00	0.00	Y
0.00	113.25	(4) DYWDAG	0.00	0.50	0.00	0.70	Y
5.00	110.00	(2) 1/2" Coax	0.30	0.00	0.00	0.00	N
5.00	100.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	Y
5.00	75.00	(1) 1/2" Coax	0.15	0.00	0.00	0.00	Y
Total Weight			7,134.80 (lb)		867.11 (lb)		

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Segment Properties (Max Len : 1 ft)

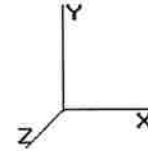
Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)
0.00		0.4375	48.000	66.044	18,876.3	17.93	109.71	65	52	0.0
1.00		0.4375	47.805	65.773	18,644.5	17.86	109.27	65	52	224.3
2.00		0.4375	47.609	65.501	18,414.6	17.78	108.82	65	52	223.3
3.00		0.4375	47.414	65.230	18,186.6	17.70	108.37	65	52	222.4
4.00		0.4375	47.218	64.958	17,960.5	17.62	107.93	65	52	221.5
5.00		0.4375	47.023	64.687	17,736.3	17.54	107.48	65	52	220.6
6.00		0.4375	46.827	64.415	17,514.0	17.46	107.03	65	52	219.7
7.00		0.4375	46.632	64.144	17,293.5	17.38	106.59	65	52	218.7
8.00		0.4375	46.436	63.873	17,074.9	17.30	106.14	65	52	217.8
9.00		0.4375	46.241	63.601	16,858.1	17.23	105.69	65	52	216.9
10.00		0.4375	46.045	63.330	16,643.2	17.15	105.25	65	52	216.0
11.00		0.4375	45.850	63.058	16,430.1	17.07	104.80	65	52	215.0
12.00		0.4375	45.654	62.787	16,218.9	16.99	104.35	65	52	214.1
13.00		0.4375	45.459	62.515	16,009.4	16.91	103.91	65	52	213.2
14.00		0.4375	45.263	62.244	15,801.8	16.83	103.46	65	52	212.3
15.00		0.4375	45.068	61.973	15,596.0	16.75	103.01	65	52	211.3
16.00		0.4375	44.872	61.701	15,391.9	16.67	102.57	65	52	210.4
17.00		0.4375	44.677	61.430	15,189.7	16.60	102.12	65	52	209.5
18.00		0.4375	44.481	61.158	14,989.2	16.52	101.67	65	52	208.6
19.00		0.4375	44.286	60.887	14,790.5	16.44	101.22	65	52	207.6
20.00		0.4375	44.090	60.615	14,593.6	16.36	100.78	65	52	206.7
21.00		0.4375	43.895	60.344	14,398.4	16.28	100.33	65	52	205.8
22.00		0.4375	43.699	60.072	14,205.0	16.20	99.88	65	52	204.9
23.00		0.4375	43.504	59.801	14,013.3	16.12	99.44	65	52	204.0
24.00		0.4375	43.308	59.530	13,823.3	16.04	98.99	65	52	203.0
25.00		0.4375	43.113	59.258	13,635.1	15.97	98.54	65	52	202.1
26.00		0.4375	42.918	58.987	13,448.6	15.89	98.10	65	52	201.2
27.00		0.4375	42.722	58.715	13,263.8	15.81	97.65	65	52	200.3
28.00		0.4375	42.527	58.444	13,080.7	15.73	97.20	65	52	199.3
29.00		0.4375	42.331	58.172	12,899.3	15.65	96.76	65	52	198.4
30.00		0.4375	42.136	57.901	12,719.6	15.57	96.31	65	52	197.5
31.00		0.4375	41.940	57.630	12,541.5	15.49	95.86	65	52	196.6
32.00		0.4375	41.745	57.358	12,365.1	15.41	95.42	65	52	195.6
33.00		0.4375	41.549	57.087	12,190.4	15.34	94.97	65	52	194.7
34.00		0.4375	41.354	56.815	12,017.3	15.26	94.52	65	52	193.8
35.00		0.4375	41.158	56.544	11,845.9	15.18	94.08	65	52	192.9
36.00		0.4375	40.963	56.272	11,676.1	15.10	93.63	65	52	191.9
37.00		0.4375	40.767	56.001	11,508.0	15.02	93.18	65	52	191.0
38.00		0.4375	40.572	55.729	11,341.5	14.94	92.74	65	52	190.1
39.00		0.4375	40.376	55.458	11,176.5	14.86	92.29	65	52	189.2
40.00		0.4375	40.181	55.187	11,013.2	14.78	91.84	65	52	188.2
41.00		0.4375	39.985	54.915	10,851.5	14.70	91.40	65	52	187.3
41.04	Bot - Section 2	0.4375	39.978	54.905	10,845.7	14.70	91.38	65	52	6.8
42.00		0.4375	39.790	54.644	10,691.4	14.63	90.95	65	52	336.8
43.00		0.4375	39.594	54.372	10,532.9	14.55	90.50	65	52	347.8
44.00		0.4375	39.399	54.101	10,375.9	14.47	90.05	65	52	346.0
45.00		0.4375	39.203	53.829	10,220.5	14.39	89.61	65	52	344.3
46.00		0.4375	39.008	53.558	10,066.7	14.31	89.16	65	52	342.6
46.63	Top - Section 1	0.3750	39.635	46.727	9,099.6	17.23	105.69	65	52	215.0
47.00		0.3750	39.562	46.641	9,049.4	17.19	105.50	65	52	58.8
48.00		0.3750	39.367	46.409	8,914.6	17.10	104.98	65	52	158.3
49.00		0.3750	39.172	46.176	8,781.2	17.01	104.46	65	52	157.5
50.00		0.3750	38.976	45.943	8,649.1	16.92	103.94	65	52	156.7
51.00		0.3750	38.781	45.711	8,518.4	16.82	103.41	65	52	155.9
52.00		0.3750	38.585	45.478	8,389.0	16.73	102.89	65	52	155.1
53.00		0.3750	38.390	45.245	8,260.9	16.64	102.37	65	52	154.4
54.00		0.3750	38.194	45.013	8,134.1	16.55	101.85	65	52	153.6
55.00		0.3750	37.999	44.780	8,008.6	16.46	101.33	65	52	152.8

Pole : 302515
 Location : SMFR - North, CT
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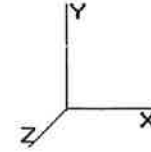
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56.00		0.3750	37.803	44.547	7,884.4	16.36	100.81	65	52	152.0
57.00		0.3750	37.608	44.315	7,761.6	16.27	100.29	65	52	151.2
58.00		0.3750	37.412	44.082	7,639.9	16.18	99.77	65	52	150.4
59.00		0.3750	37.217	43.849	7,519.6	16.09	99.24	65	52	149.6
60.00		0.3750	37.021	43.617	7,400.6	16.00	98.72	65	52	148.8
61.00		0.3750	36.826	43.384	7,282.8	15.91	98.20	65	52	148.0
62.00		0.3750	36.630	43.151	7,166.2	15.81	97.68	65	52	147.2
63.00		0.3750	36.435	42.919	7,050.9	15.72	97.16	65	52	146.4
64.00		0.3750	36.239	42.686	6,936.9	15.63	96.64	65	52	145.6
65.00		0.3750	36.044	42.453	6,824.1	15.54	96.12	65	52	144.9
66.00		0.3750	35.848	42.221	6,712.5	15.45	95.60	65	52	144.1
67.00		0.3750	35.653	41.988	6,602.1	15.35	95.07	65	52	143.3
68.00		0.3750	35.457	41.755	6,493.0	15.26	94.55	65	52	142.5
69.00		0.3750	35.262	41.523	6,385.0	15.17	94.03	65	52	141.7
70.00		0.3750	35.066	41.290	6,278.3	15.08	93.51	65	52	140.9
71.00		0.3750	34.871	41.057	6,172.8	14.99	92.99	65	52	140.1
72.00		0.3750	34.675	40.825	6,068.4	14.89	92.47	65	52	139.3
73.00		0.3750	34.480	40.592	5,965.3	14.80	91.95	65	52	138.5
74.00		0.3750	34.285	40.359	5,863.3	14.71	91.43	65	52	137.7
75.00		0.3750	34.089	40.127	5,762.5	14.62	90.90	65	52	136.9
76.00		0.3750	33.894	39.894	5,662.8	14.53	90.38	65	52	136.1
77.00		0.3750	33.698	39.661	5,564.3	14.43	89.86	65	52	135.4
78.00		0.3750	33.503	39.429	5,467.0	14.34	89.34	65	52	134.6
79.00		0.3750	33.307	39.196	5,370.8	14.25	88.82	65	52	133.8
80.00		0.3750	33.112	38.963	5,275.7	14.16	88.30	65	52	133.0
81.00		0.3750	32.916	38.731	5,181.7	14.07	87.78	65	52	132.2
81.49	Bot - Section 3	0.3750	32.820	38.616	5,136.0	14.02	87.52	65	52	64.7
82.00		0.3750	32.721	38.498	5,088.9	13.97	87.26	65	52	123.5
83.00		0.3750	32.525	38.265	4,997.2	13.88	86.73	65	52	241.8
84.00		0.3750	32.330	38.033	4,906.6	13.79	86.21	65	52	240.3
85.00		0.3750	32.134	37.800	4,817.1	13.70	85.69	65	52	238.9
86.00		0.3750	31.939	37.567	4,728.7	13.61	85.17	65	52	237.4
86.18	Top - Section 2	0.3125	32.529	31.954	4,190.3	16.94	104.09	65	52	41.7
87.00		0.3125	32.368	31.794	4,127.8	16.85	103.58	65	52	89.3
88.00		0.3125	32.173	31.600	4,052.7	16.74	102.95	65	52	107.9
89.00		0.3125	31.977	31.406	3,978.6	16.63	102.33	65	52	107.2
90.00		0.3125	31.782	31.213	3,905.3	16.52	101.70	65	52	106.5
91.00		0.3125	31.586	31.019	3,833.0	16.41	101.08	65	52	105.9
92.00		0.3125	31.391	30.825	3,761.6	16.30	100.45	65	52	105.2
93.00		0.3125	31.195	30.631	3,691.0	16.19	99.83	65	52	104.6
94.00		0.3125	31.000	30.437	3,621.4	16.08	99.20	65	52	103.9
95.00		0.3125	30.804	30.243	3,552.6	15.97	98.57	65	52	103.2
96.00		0.3125	30.609	30.049	3,484.7	15.86	97.95	65	52	102.6
97.00		0.3125	30.414	29.855	3,417.7	15.75	97.32	65	52	101.9
98.00		0.3125	30.218	29.661	3,351.6	15.64	96.70	65	52	101.3
99.00		0.3125	30.023	29.468	3,286.3	15.53	96.07	65	52	100.6
100.00		0.3125	29.827	29.274	3,221.8	15.42	95.45	65	52	99.9
101.00		0.3125	29.632	29.080	3,158.2	15.31	94.82	65	52	99.3
102.00		0.3125	29.436	28.886	3,095.5	15.20	94.20	65	52	98.6
103.00		0.3125	29.241	28.692	3,033.6	15.09	93.57	65	52	98.0
104.00		0.3125	29.045	28.498	2,972.5	14.98	92.94	65	52	97.3
105.00		0.3125	28.850	28.304	2,912.2	14.87	92.32	65	52	96.6
106.00		0.3125	28.654	28.110	2,852.8	14.76	91.69	65	52	96.0
107.00		0.3125	28.459	27.917	2,794.2	14.65	91.07	65	52	95.3
108.00		0.3125	28.263	27.723	2,736.4	14.54	90.44	65	52	94.7
108.75	Reinf. Top	0.3125	28.117	27.577	2,693.5	14.45	89.97	65	52	70.6
109.00		0.3125	28.068	27.529	2,679.4	14.43	89.82	65	52	23.4
110.00		0.3125	27.872	27.335	2,623.1	14.32	89.19	65	52	93.3
111.00		0.3125	27.677	27.141	2,567.7	14.21	88.57	65	52	92.7
112.00		0.3125	27.481	26.947	2,513.1	14.10	87.94	65	52	92.0
113.00		0.3125	27.286	26.753	2,459.2	13.99	87.31	65	52	91.4
114.00		0.3125	27.090	26.559	2,406.1	13.88	86.69	65	52	90.7
115.00		0.3125	26.895	26.365	2,353.8	13.76	86.06	65	52	90.0
116.00		0.3125	26.699	26.172	2,302.3	13.65	85.44	65	52	89.4

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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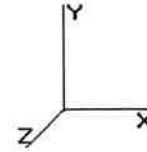
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117.00		0.3125	26.504	25.978	2,251.5	13.54	84.81	65	52	88.7
118.00		0.3125	26.308	25.784	2,201.5	13.43	84.19	65	52	88.1
119.00		0.3125	26.113	25.590	2,152.2	13.32	83.56	65	52	87.4
120.00		0.3125	25.917	25.396	2,103.6	13.21	82.94	65	52	86.7
121.00		0.3125	25.722	25.202	2,055.8	13.10	82.31	65	52	86.1
122.00		0.3125	25.527	25.008	2,008.7	12.99	81.68	65	52	85.4
123.00		0.3125	25.331	24.814	1,962.4	12.88	81.06	65	52	84.8
124.00		0.3125	25.136	24.620	1,916.7	12.77	80.43	65	52	84.1
124.99	Bot - Section 4	0.3125	24.941	24.428	1,872.1	12.66	79.81	65	52	82.9
125.00		0.3125	24.940	24.427	1,871.8	12.66	79.81	65	52	0.9
126.00		0.3125	24.745	24.233	1,827.6	12.55	79.18	65	52	150.5
127.00		0.3125	24.549	24.039	1,784.1	12.44	78.56	65	52	149.4
128.00		0.3125	24.354	23.845	1,741.2	12.33	77.93	65	52	148.2
128.68	Top - Section 3	0.2500	24.720	19.417	1,469.0	16.02	98.88	65	52	100.3
129.00		0.2500	24.658	19.367	1,457.8	15.98	98.63	65	52	21.0
130.00		0.2500	24.463	19.212	1,423.0	15.84	97.85	65	52	65.6
131.00		0.2500	24.267	19.057	1,388.8	15.71	97.07	65	52	65.1
132.00		0.2500	24.072	18.902	1,355.2	15.57	96.29	65	52	64.6
133.00		0.2500	23.876	18.747	1,322.1	15.43	95.51	65	52	64.1
134.00		0.2500	23.681	18.592	1,289.6	15.29	94.72	65	52	63.5
135.00		0.2500	23.485	18.437	1,257.6	15.15	93.94	65	52	63.0
136.00		0.2500	23.290	18.281	1,226.1	15.02	93.16	65	52	62.5
137.00		0.2500	23.094	18.126	1,195.1	14.88	92.38	65	52	61.9
138.00		0.2500	22.899	17.971	1,164.7	14.74	91.60	65	52	61.4
139.00		0.2500	22.703	17.816	1,134.8	14.60	90.81	65	52	60.9
140.00		0.2500	22.508	17.661	1,105.4	14.46	90.03	65	52	60.4
141.00		0.2500	22.312	17.506	1,076.6	14.33	89.25	65	52	59.8
142.00		0.2500	22.117	17.351	1,048.2	14.19	88.47	65	52	59.3
143.00		0.2500	21.921	17.196	1,020.3	14.05	87.69	65	52	58.8
144.00		0.2500	21.726	17.041	993.0	13.91	86.90	65	52	58.2
145.00		0.2500	21.531	16.885	966.1	13.78	86.12	65	52	57.7
146.00		0.2500	21.335	16.730	939.7	13.64	85.34	65	52	57.2
147.00		0.2500	21.140	16.575	913.8	13.50	84.56	65	52	56.7
147.99		0.2500	20.946	16.422	888.7	13.36	83.78	65	52	55.6
148.00		0.2500	20.944	16.420	888.4	13.36	83.78	65	52	0.6
22,013.3										

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

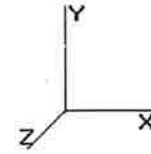
Shaft Segment Forces

Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		0.00	1.00	20.736	35.044	360.0000.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00	20.736	35.044	358.5340.650	0.000	1.00	3.992	2.59	90.9	0.0	291.1
2.00		0.00	1.00	20.736	35.044	357.0680.650	0.000	1.00	3.976	2.58	90.6	0.0	290.1
3.00		0.00	1.00	20.736	35.044	355.6020.650	0.000	1.00	3.959	2.57	90.2	0.0	289.2
4.00		0.00	1.00	20.736	35.044	354.1360.650	0.000	1.00	3.943	2.56	89.8	0.0	288.3
5.00		0.00	1.00	20.736	35.044	352.6700.650	0.000	1.00	3.927	2.55	89.4	0.0	287.4
6.00		0.00	1.00	20.736	35.044	351.2030.650	0.000	1.00	3.910	2.54	89.1	0.0	286.5
7.00		0.00	1.00	20.736	35.044	349.7370.650	0.000	1.00	3.894	2.53	88.7	0.0	285.5
8.00		0.00	1.00	20.736	35.044	348.2710.650	0.000	1.00	3.878	2.52	88.3	0.0	284.6
9.00		0.00	1.00	20.736	35.044	346.8050.650	0.000	1.00	3.862	2.51	88.0	0.0	283.7
10.00		0.00	1.00	20.736	35.044	345.3390.650	0.000	1.00	3.845	2.50	87.6	0.0	282.8
11.00		0.00	1.00	20.736	35.044	343.8730.650	0.000	1.00	3.829	2.49	87.2	0.0	281.8
12.00		0.00	1.00	20.736	35.044	342.4070.650	0.000	1.00	3.813	2.48	86.8	0.0	280.9
13.00		0.00	1.00	20.736	35.044	340.9410.650	0.000	1.00	3.796	2.47	86.5	0.0	280.0
14.00		0.00	1.00	20.736	35.044	339.4750.650	0.000	1.00	3.780	2.46	86.1	0.0	279.1
15.00		0.00	1.00	20.736	35.044	338.0090.650	0.000	1.00	3.764	2.45	85.7	0.0	278.1
16.00		0.00	1.00	20.736	35.044	336.5420.650	0.000	1.00	3.748	2.44	85.4	0.0	277.2
17.00		0.00	1.00	20.736	35.044	335.0760.650	0.000	1.00	3.731	2.43	85.0	0.0	276.3
18.00		0.00	1.00	20.736	35.044	333.6100.650	0.000	1.00	3.715	2.41	84.6	0.0	275.4
19.00		0.00	1.00	20.736	35.044	332.1440.650	0.000	1.00	3.699	2.40	84.2	0.0	274.4
20.00		0.00	1.00	20.736	35.044	330.6780.650	0.000	1.00	3.682	2.39	83.9	0.0	273.5
21.00		0.00	1.00	20.736	35.044	329.2120.650	0.000	1.00	3.666	2.38	83.5	0.0	272.6
22.00		0.00	1.00	20.736	35.044	327.7460.650	0.000	1.00	3.650	2.37	83.1	0.0	271.7
23.00		0.00	1.00	20.736	35.044	326.2800.650	0.000	1.00	3.633	2.36	82.8	0.0	270.8
24.00		0.00	1.00	20.736	35.044	324.8140.650	0.000	1.00	3.617	2.35	82.4	0.0	269.8
25.00		0.00	1.00	20.736	35.044	323.3480.650	0.000	1.00	3.601	2.34	82.0	0.0	268.9
26.00		0.00	1.00	20.736	35.044	321.8820.650	0.000	1.00	3.585	2.33	81.7	0.0	268.0
27.00		0.00	1.00	20.736	35.044	320.4150.650	0.000	1.00	3.568	2.32	81.3	0.0	267.1
28.00		0.00	1.00	20.736	35.044	318.9490.650	0.000	1.00	3.552	2.31	80.9	0.0	266.1
29.00		0.00	1.00	20.736	35.044	317.4830.650	0.000	1.00	3.536	2.30	80.5	0.0	265.2
30.00		0.00	1.00	20.736	35.044	316.0170.650	0.000	1.00	3.519	2.29	80.2	0.0	264.3
31.00		0.00	1.00	20.736	35.044	314.5510.650	0.000	1.00	3.503	2.28	79.8	0.0	263.4
32.00		0.00	1.00	20.736	35.044	313.0850.650	0.000	1.00	3.487	2.27	79.4	0.0	262.4
33.00		0.00	1.00	20.736	35.044	311.6190.650	0.000	1.00	3.471	2.26	79.1	0.0	261.5
34.00		0.00	1.00	20.914	35.344	311.4780.650	0.000	1.00	3.454	2.25	79.4	0.0	260.6
35.00		0.00	1.01	21.088	35.638	311.2920.650	0.000	1.00	3.438	2.23	79.6	0.0	259.7
36.00		0.00	1.02	21.258	35.926	311.0630.650	0.000	1.00	3.422	2.22	79.9	0.0	258.7
37.00		0.00	1.03	21.425	36.208	310.7930.650	0.000	1.00	3.405	2.21	80.1	0.0	257.8
38.00		0.00	1.04	21.589	36.485	310.4830.650	0.000	1.00	3.389	2.20	80.4	0.0	256.9
39.00		0.00	1.04	21.750	36.757	310.1360.650	0.000	1.00	3.373	2.19	80.6	0.0	256.0
40.00		0.00	1.05	21.908	37.024	309.7530.650	0.000	1.00	3.357	2.18	80.8	0.0	255.0
41.00		0.00	1.06	22.063	37.286	309.3350.650	0.000	1.00	3.340	2.17	81.0	0.0	254.1
41.04	Bot - Section 2	0.00	1.06	22.068	37.295	309.3190.650	0.000	0.04	0.121	0.08	2.9	0.0	9.2
42.00		0.00	1.07	22.215	37.544	308.8840.650	0.000	0.96	3.263	2.12	79.6	0.0	401.1
43.00		0.00	1.07	22.365	37.797	308.4020.650	0.000	1.00	3.370	2.19	82.8	0.0	414.6
44.00		0.00	1.08	22.512	38.046	307.8890.650	0.000	1.00	3.354	2.18	82.9	0.0	412.8
45.00		0.00	1.09	22.657	38.291	307.3460.650	0.000	1.00	3.338	2.17	83.1	0.0	411.1
46.00		0.00	1.10	22.800	38.532	306.7760.650	0.000	1.00	3.321	2.16	83.2	0.0	409.4
46.63	Top - Section 1	0.00	1.10	22.889	38.682	306.4020.650	0.000	0.63	2.084	1.35	52.4	0.0	257.0
47.00		0.00	1.10	22.941	38.770	312.0940.650	0.000	0.37	1.221	0.79	30.8	0.0	83.5
48.00		0.00	1.11	23.079	39.004	311.4870.650	0.000	1.00	3.289	2.14	83.4	0.0	225.1

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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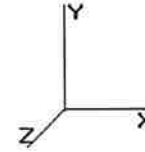
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00		0.00	1.12	23.215	39.234	310.8550.650	0.000	1.00	3.272	2.13	83.5	0.0	224.3
50.00		0.00	1.12	23.350	39.461	310.1980.650	0.000	1.00	3.256	2.12	83.5	0.0	223.5
51.00		0.00	1.13	23.482	39.685	309.5160.650	0.000	1.00	3.240	2.11	83.6	0.0	222.7
52.00		0.00	1.13	23.613	39.906	308.8110.650	0.000	1.00	3.224	2.10	83.6	0.0	221.9
53.00		0.00	1.14	23.742	40.124	308.0840.650	0.000	1.00	3.207	2.08	83.6	0.0	221.2
54.00		0.00	1.15	23.869	40.339	307.3350.650	0.000	1.00	3.191	2.07	83.7	0.0	220.4
55.00		0.00	1.15	23.994	40.551	306.5650.650	0.000	1.00	3.175	2.06	83.7	0.0	219.6
56.00		0.00	1.16	24.118	40.760	305.7740.650	0.000	1.00	3.158	2.05	83.7	0.0	218.8
57.00		0.00	1.16	24.241	40.967	304.9630.650	0.000	1.00	3.142	2.04	83.7	0.0	218.0
58.00		0.00	1.17	24.361	41.171	304.1320.650	0.000	1.00	3.126	2.03	83.6	0.0	217.2
59.00		0.00	1.18	24.481	41.372	303.2830.650	0.000	1.00	3.110	2.02	83.6	0.0	216.4
60.00		0.00	1.18	24.598	41.571	302.4150.650	0.000	1.00	3.093	2.01	83.6	0.0	215.6
61.00		0.00	1.19	24.715	41.768	301.5290.650	0.000	1.00	3.077	2.00	83.5	0.0	214.8
62.00		0.00	1.19	24.830	41.963	300.6260.650	0.000	1.00	3.061	1.99	83.5	0.0	214.0
63.00		0.00	1.20	24.944	42.155	299.7060.650	0.000	1.00	3.044	1.98	83.4	0.0	213.2
64.00		0.00	1.20	25.056	42.345	298.7700.650	0.000	1.00	3.028	1.97	83.3	0.0	212.4
65.00		0.00	1.21	25.167	42.533	297.8170.650	0.000	1.00	3.012	1.96	83.3	0.0	211.7
66.00		0.00	1.21	25.277	42.719	296.8490.650	0.000	1.00	2.996	1.95	83.2	0.0	210.9
67.00		0.00	1.22	25.386	42.903	295.8650.650	0.000	1.00	2.979	1.94	83.1	0.0	210.1
68.00		0.00	1.22	25.494	43.085	294.8660.650	0.000	1.00	2.963	1.93	83.0	0.0	209.3
69.00		0.00	1.23	25.601	43.265	293.8530.650	0.000	1.00	2.947	1.92	82.9	0.0	208.5
70.00		0.00	1.24	25.706	43.443	292.8250.650	0.000	1.00	2.930	1.90	82.7	0.0	207.7
71.00		0.00	1.24	25.810	43.620	291.7830.650	0.000	1.00	2.914	1.89	82.6	0.0	206.9
72.00		0.00	1.25	25.914	43.794	290.7280.650	0.000	1.00	2.898	1.88	82.5	0.0	206.1
73.00		0.00	1.25	26.016	43.967	289.6590.650	0.000	1.00	2.881	1.87	82.3	0.0	205.3
74.00		0.00	1.26	26.117	44.138	288.5770.650	0.000	1.00	2.865	1.86	82.2	0.0	204.5
75.00	Appertunance(s)	0.00	1.26	26.218	44.308	287.4830.650	0.000	1.00	2.849	1.85	82.0	0.0	203.7
76.00		0.00	1.26	26.317	44.476	286.3750.650	0.000	1.00	2.833	1.84	81.9	0.0	202.9
77.00		0.00	1.27	26.416	44.642	285.2560.650	0.000	1.00	2.816	1.83	81.7	0.0	202.2
78.00		0.00	1.27	26.513	44.807	284.1240.650	0.000	1.00	2.800	1.82	81.6	0.0	201.4
79.00		0.00	1.28	26.610	44.971	282.9810.650	0.000	1.00	2.784	1.81	81.4	0.0	200.6
80.00		0.00	1.28	26.706	45.133	281.8260.650	0.000	1.00	2.767	1.80	81.2	0.0	199.8
81.00		0.00	1.29	26.801	45.293	280.6600.650	0.000	1.00	2.751	1.79	81.0	0.0	199.0
81.49	Bot - Section 3	0.00	1.29	26.847	45.371	280.0830.650	0.000	0.49	1.346	0.87	39.7	0.0	97.5
82.00		0.00	1.29	26.895	45.452	279.4830.650	0.000	0.51	1.415	0.92	41.8	0.0	157.5
83.00		0.00	1.30	26.988	45.610	278.2950.650	0.000	1.00	2.771	1.80	82.1	0.0	308.6
84.00		0.00	1.30	27.081	45.766	277.0960.650	0.000	1.00	2.754	1.79	81.9	0.0	307.1
85.00		0.00	1.31	27.172	45.921	275.8860.650	0.000	1.00	2.738	1.78	81.7	0.0	305.7
86.00		0.00	1.31	27.263	46.075	274.6670.650	0.000	1.00	2.722	1.77	81.5	0.0	304.2
86.18	Top - Section 2	0.00	1.31	27.279	46.102	274.4510.650	0.000	0.18	0.478	0.31	14.3	0.0	53.5
87.00		0.00	1.31	27.353	46.227	273.8210.650	0.000	0.82	2.227	1.45	66.9	0.0	144.4
88.00		0.00	1.32	27.443	46.379	272.5900.650	0.000	1.00	2.689	1.75	81.1	0.0	174.7
89.00		0.00	1.32	27.532	46.529	271.3490.650	0.000	1.00	2.673	1.74	80.8	0.0	174.0
90.00		0.00	1.33	27.620	46.677	270.0980.650	0.000	1.00	2.657	1.73	80.6	0.0	173.3
91.00		0.00	1.33	27.707	46.825	273.8380.650	0.000	1.00	2.640	1.72	80.4	0.0	172.7
92.00		0.00	1.34	27.794	46.971	272.5680.650	0.000	1.00	2.624	1.71	80.1	0.0	172.0
93.00		0.00	1.34	27.880	47.117	271.2900.650	0.000	1.00	2.608	1.70	79.9	0.0	171.4
94.00		0.00	1.34	27.965	47.261	270.0020.650	0.000	1.00	2.591	1.68	79.6	0.0	170.7
95.00		0.00	1.35	28.050	47.404	268.7050.650	0.000	1.00	2.575	1.67	79.3	0.0	170.0
96.00		0.00	1.35	28.134	47.546	267.4000.650	0.000	1.00	2.559	1.66	79.1	0.0	169.4
97.00		0.00	1.36	28.217	47.687	266.0860.650	0.000	1.00	2.543	1.65	78.8	0.0	168.7
98.00		0.00	1.36	28.300	47.827	264.7630.650	0.000	1.00	2.526	1.64	78.5	0.0	168.1
99.00		0.00	1.36	28.382	47.966	263.4320.650	0.000	1.00	2.510	1.63	78.3	0.0	167.4
100.0	Appertunance(s)	0.00	1.37	28.464	48.104	262.0930.650	0.000	1.00	2.494	1.62	78.0	0.0	166.7
101.0		0.00	1.37	28.545	48.241	260.7460.650	0.000	1.00	2.477	1.61	77.7	0.0	166.1
102.0		0.00	1.38	28.625	48.377	259.3900.650	0.000	1.00	2.461	1.60	77.4	0.0	165.4
103.0		0.00	1.38	28.705	48.512	258.0270.650	0.000	1.00	2.445	1.59	77.1	0.0	164.8

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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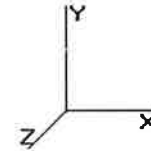
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Load Case: No Ice		90.00 mph Wind with No Ice								30 Iterations			
Gust Response Factor 1.69													
Dead Load Factor : 1.00													
Wind Load Factor : 1.00													
104.0		0.00	1.38	28.785	48.646	256.6560.650	0.000	1.00	2.429	1.58	76.8	0.0	164.1
105.0		0.00	1.39	28.863	48.779	255.2780.650	0.000	1.00	2.412	1.57	76.5	0.0	163.4
106.0		0.00	1.39	28.942	48.911	253.8920.650	0.000	1.00	2.396	1.56	76.2	0.0	162.8
107.0		0.00	1.39	29.019	49.043	252.4980.650	0.000	1.00	2.380	1.55	75.9	0.0	162.1
108.0		0.00	1.40	29.097	49.173	251.0970.650	0.000	1.00	2.363	1.54	75.5	0.0	161.5
108.7	Reinf. Top	0.00	1.40	29.154	49.271	250.0420.650	0.000	0.75	1.762	1.15	56.4	0.0	120.7
109.0		0.00	1.40	29.173	49.303	249.6890.650	0.000	0.25	0.585	0.38	18.8	0.0	23.4
110.0	Appertunance(s)	0.00	1.41	29.250	49.432	248.2740.650	0.000	1.00	2.331	1.52	74.9	0.0	93.3
111.0		0.00	1.41	29.325	49.560	246.8510.650	0.000	1.00	2.315	1.50	74.6	0.0	92.7
112.0		0.00	1.41	29.401	49.687	245.4220.650	0.000	1.00	2.298	1.49	74.2	0.0	92.0
113.0		0.00	1.42	29.475	49.813	243.9860.650	0.000	1.00	2.282	1.48	73.9	0.0	91.4
114.0		0.00	1.42	29.550	49.939	242.5430.650	0.000	1.00	2.266	1.47	73.5	0.0	90.7
115.0		0.00	1.42	29.623	50.064	241.0940.650	0.000	1.00	2.249	1.46	73.2	0.0	90.0
116.0		0.00	1.43	29.697	50.188	239.6380.650	0.000	1.00	2.233	1.45	72.8	0.0	89.4
117.0		0.00	1.43	29.770	50.311	238.1750.650	0.000	1.00	2.217	1.44	72.5	0.0	88.7
118.0		0.00	1.43	29.842	50.433	236.7060.650	0.000	1.00	2.201	1.43	72.1	0.0	88.1
119.0		0.00	1.44	29.914	50.555	235.2300.650	0.000	1.00	2.184	1.42	71.8	0.0	87.4
120.0	Appertunance(s)	0.00	1.44	29.986	50.676	233.7490.650	0.000	1.00	2.168	1.41	71.4	0.0	86.7
121.0		0.00	1.45	30.057	50.796	232.2610.650	0.000	1.00	2.152	1.40	71.0	0.0	86.1
122.0		0.00	1.45	30.128	50.916	230.7670.650	0.000	1.00	2.135	1.39	70.7	0.0	85.4
123.0		0.00	1.45	30.198	51.035	229.2670.650	0.000	1.00	2.119	1.38	70.3	0.0	84.8
124.0		0.00	1.46	30.268	51.153	227.7610.650	0.000	1.00	2.103	1.37	69.9	0.0	84.1
124.9	Bot - Section 4	0.00	1.46	30.337	51.270	226.2590.650	0.000	0.99	2.074	1.35	69.1	0.0	82.9
125.0		0.00	1.46	30.338	51.271	226.2490.650	0.000	0.01	0.013	0.01	0.4	0.0	0.9
126.0		0.00	1.46	30.407	51.387	224.7320.650	0.000	1.00	2.112	1.37	70.5	0.0	150.5
127.0		0.00	1.47	30.475	51.504	223.2080.650	0.000	1.00	2.096	1.36	70.2	0.0	149.4
128.0		0.00	1.47	30.544	51.619	221.6790.650	0.000	1.00	2.079	1.35	69.8	0.0	148.2
128.6	Top - Section 3	0.00	1.47	30.590	51.697	220.6340.650	0.000	0.68	1.408	0.91	47.3	0.0	100.3
129.0		0.00	1.47	30.612	51.734	224.7010.650	0.000	0.32	0.655	0.43	22.0	0.0	21.0
130.0		0.00	1.48	30.679	51.848	223.1650.650	0.000	1.00	2.047	1.33	69.0	0.0	65.6
131.0	Appertunance(s)	0.00	1.48	30.747	51.962	221.6250.650	0.000	1.00	2.030	1.32	68.6	0.0	65.1
132.0		0.00	1.48	30.814	52.075	220.0780.650	0.000	1.00	2.014	1.31	68.2	0.0	64.6
133.0	Appertunance(s)	0.00	1.48	30.880	52.187	218.5270.650	0.000	1.00	1.998	1.30	67.8	0.0	64.1
134.0		0.00	1.49	30.946	52.299	216.9690.650	0.000	1.00	1.982	1.29	67.4	0.0	63.5
135.0		0.00	1.49	31.012	52.410	215.4070.650	0.000	1.00	1.965	1.28	66.9	0.0	63.0
136.0		0.00	1.49	31.078	52.521	213.8400.650	0.000	1.00	1.949	1.27	66.5	0.0	62.5
137.0	Appertunance(s)	0.00	1.50	31.143	52.631	212.2670.650	0.000	1.00	1.933	1.26	66.1	0.0	61.9
138.0		0.00	1.50	31.207	52.741	210.6890.650	0.000	1.00	1.916	1.25	65.7	0.0	61.4
139.0		0.00	1.50	31.272	52.849	209.1060.650	0.000	1.00	1.900	1.24	65.3	0.0	60.9
140.0		0.00	1.51	31.336	52.958	207.5180.650	0.000	1.00	1.884	1.22	64.8	0.0	60.4
141.0	Appertunance(s)	0.00	1.51	31.400	53.066	205.9250.650	0.000	1.00	1.868	1.21	64.4	0.0	59.8
142.0		0.00	1.51	31.463	53.173	204.3270.650	0.000	1.00	1.851	1.20	64.0	0.0	59.3
143.0		0.00	1.52	31.526	53.280	202.7240.650	0.000	1.00	1.835	1.19	63.5	0.0	58.8
144.0		0.00	1.52	31.589	53.386	201.1160.650	0.000	1.00	1.819	1.18	63.1	0.0	58.2
145.0		0.00	1.52	31.652	53.491	199.5040.650	0.000	1.00	1.802	1.17	62.7	0.0	57.7
146.0		0.00	1.52	31.714	53.597	197.8870.650	0.000	1.00	1.786	1.16	62.2	0.0	57.2
147.0		0.00	1.53	31.776	53.701	196.2650.650	0.000	1.00	1.770	1.15	61.8	0.0	56.7
147.9	Appertunance(s)	0.00	1.53	31.837	53.804	194.6550.650	0.000	0.99	1.736	1.13	60.7	0.0	55.6
148.0	Appertunance(s)	0.00	1.53	31.837	53.805	194.6390.650	0.000	0.01	0.017	0.01	0.6	0.0	0.6
Totals:							148.00				11,651.€	0.0	29,277.8

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

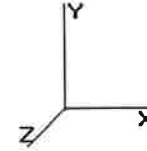
Discrete Appurtenance Segment Forces

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	26.218	44.308	0.33	0.03	0.000	0.000	1.32	0.00	0.00	0.60
75.00	Side Arm	1	26.218	44.308	1.00	3.00	0.000	0.000	132.92	0.00	0.00	30.00
100.0	Antel BCD-87010_4°	1	28.863	48.779	1.00	2.90	0.000	5.000	141.46	0.00	707.30	26.50
100.0	Side Arm	1	28.464	48.104	1.00	5.20	0.000	0.000	250.14	0.00	0.00	150.00
110.0	Flat Side Arm	2	29.250	49.432	0.90	11.34	0.000	0.000	560.56	0.00	0.00	300.00
110.0	Diamond X50A	2	29.460	49.788	1.00	2.24	0.000	2.800	111.53	0.00	312.27	4.60
120.0	RFS APXVTM14-C-I20	3	29.986	50.676	0.78	16.15	0.000	0.000	818.21	0.00	0.00	158.70
120.0	Alcatel-Lucent 2X50W	3	29.986	50.676	0.50	3.60	0.000	0.000	182.43	0.00	0.00	159.00
120.0	Alcatel-Lucent 4x40W	3	29.986	50.676	0.67	7.70	0.000	0.000	390.12	0.00	0.00	273.00
120.0	RFS APXVSP18-C-	3	29.986	50.676	0.67	16.60	0.000	0.000	841.35	0.00	0.00	171.00
120.0	Flat Low Profile Pla	1	29.986	50.676	1.00	26.10	0.000	0.000	1,322.64	0.00	0.00	1,500.00
120.0	Alcatel-LucentTD-RRH	3	29.986	50.676	0.67	9.49	0.000	0.000	480.77	0.00	0.00	198.30
131.0	Flat Low Profile Pla	1	30.747	51.962	1.00	26.10	0.000	0.000	1,356.21	0.00	0.00	1,500.00
131.0	48" x 12" Panel	9	30.880	52.187	0.67	33.77	0.000	2.000	1,762.26	0.00	3,524.53	270.00
131.0	72" x 12" Panel	3	30.880	52.187	0.67	16.88	0.000	2.000	881.13	0.00	1,762.26	120.00
133.0	KMW KMDAPS2040000	3	30.880	52.187	0.33	1.13	0.000	0.000	58.90	0.00	0.00	47.70
137.0	NextNet BTS-2500	3	31.143	52.631	0.33	2.10	0.000	0.000	110.46	0.00	0.00	105.00
137.0	Round Side Arm	1	31.143	52.631	1.00	5.20	0.000	0.000	273.68	0.00	0.00	150.00
137.0	Argus LLPX310R	3	31.143	52.631	0.62	8.98	0.000	0.000	472.83	0.00	0.00	85.80
137.0	DragonWave Horizon	1	31.143	52.631	0.33	0.14	0.000	0.000	7.47	0.00	0.00	10.60
137.0	DragonWave A-ANT-	1	31.143	52.631	1.00	8.43	0.000	0.000	443.68	0.00	0.00	47.60
141.0	Antel BXA-70063/6CF	3	31.526	53.280	0.64	14.86	0.000	2.000	791.78	0.00	1,583.55	44.70
141.0	Antel BXA-171063/8BF	3	31.526	53.280	0.90	7.83	0.000	2.000	417.18	0.00	834.36	31.50
141.0	Antel BXA-80080/6CF	2	31.526	53.280	0.65	10.27	0.000	2.000	547.18	0.00	1,094.36	44.00
141.0	RFS DB-T1-6Z-8AB-0Z	1	31.526	53.280	1.00	5.60	0.000	2.000	298.37	0.00	596.73	44.00
141.0	Flat Low Profile Pla	1	31.400	53.066	1.00	26.10	0.000	0.000	1,385.01	0.00	0.00	1,500.00
141.0	Antel BXA-70063/6CF	1	31.526	53.280	0.64	4.95	0.000	2.000	263.93	0.00	527.85	14.90
141.0	Antel BXA-80063-6BF-	1	31.526	53.280	0.78	5.82	0.000	2.000	310.02	0.00	620.05	19.20
141.0	RFS FD9R6004	6	31.526	53.280	0.33	0.73	0.000	2.000	39.03	0.00	78.07	18.60
141.0	RymSa MGD3-800T0	3	31.526	53.280	0.69	7.14	0.000	2.000	380.50	0.00	760.99	59.40
147.9	Algon 7770.00	6	32.080	54.216	0.64	22.58	0.000	4.000	1,224.15	0.00	4,896.60	210.00
147.9	Ericsson RRUS 11 (Ba	6	32.080	54.216	0.50	8.82	0.000	4.000	478.18	0.00	1,912.74	330.00
147.9	Powerwave LGP21401	12	32.080	54.216	0.33	5.11	0.000	4.000	276.96	0.00	1,107.82	169.20
147.9	Powerwave P65-16-	3	32.080	54.216	0.66	16.63	0.000	4.000	901.72	0.00	3,606.87	159.00
147.9	Raycap DC6-48-60-18-	1	32.080	54.216	1.00	1.47	0.000	4.000	79.70	0.00	318.79	31.80
147.9	Flat Platform w/ Han	1	31.837	53.804	1.00	42.40	0.000	0.000	2,281.30	0.00	0.00	2,000.00
148.0	Andrew E15S09P94	3	32.555	55.017	0.33	0.65	0.000	12.000	35.95	0.00	431.38	43.80
148.0	Andrew TMZXX-6516-	1	32.555	55.017	0.57	6.55	0.000	12.000	360.32	0.00	4,323.90	35.20
148.0	Andrew ADFD1820-	2	32.555	55.017	0.62	7.53	0.000	12.000	414.10	0.00	4,969.25	44.00
148.0	RFS ATMAP1412D-	3	32.555	55.017	0.33	1.16	0.000	12.000	63.73	0.00	764.72	39.00
148.0	Pipe	1	31.837	53.805	1.00	6.40	0.000	0.000	344.35	0.00	0.00	200.00
									21,493.53			10,346.70

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

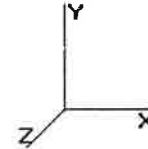
Linear Appurtenance Segment Forces

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	F X (lb)	Dead Load (lb)
1.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
2.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
3.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
4.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
5.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
6.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
6.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
6.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
6.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
6.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
6.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
6.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
6.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
7.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
7.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
7.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
7.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
7.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
7.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
7.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
7.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
8.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
8.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
8.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
8.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
8.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
8.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
8.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
9.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
9.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
9.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
9.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
9.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
9.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
9.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
9.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
9.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
10.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
10.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
10.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
10.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
10.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
10.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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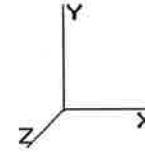
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

10.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
10.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
10.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
10.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
11.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
11.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
11.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
11.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
11.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
11.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
11.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
11.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
11.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
12.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
12.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
12.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
12.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
12.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
12.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
12.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
12.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
12.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
13.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
13.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
13.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
13.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
13.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
13.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
13.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
13.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
13.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
14.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
14.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
14.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
14.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
14.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
14.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
14.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
14.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
14.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
15.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
15.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
15.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
15.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
15.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
15.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
15.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
15.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
15.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
16.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
16.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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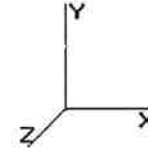
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

16.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
16.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
16.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
16.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
16.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
17.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
17.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
17.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
17.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
17.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
17.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
17.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
17.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
17.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
18.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
18.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
18.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
18.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
18.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
18.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
18.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
18.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
18.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
19.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
19.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
19.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
19.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
19.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
19.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
19.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
19.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
19.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
20.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
20.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
20.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
20.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
20.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
20.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
20.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
20.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
20.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
21.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
21.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
21.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
21.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
21.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
21.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
21.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
21.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
21.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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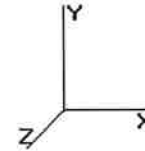
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

22.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
22.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
22.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
22.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
22.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
22.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
22.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
22.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
22.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
23.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
23.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
23.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
23.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
23.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
23.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
23.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
23.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
23.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
24.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
24.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
24.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
24.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
24.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
24.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
24.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
25.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
25.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
25.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
25.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
25.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
25.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
25.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
25.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
25.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
26.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
26.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
26.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
26.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
26.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
26.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
26.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
26.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
26.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
27.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
27.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
27.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
27.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
27.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
27.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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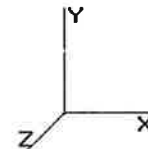
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

27.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
27.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
27.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
28.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
28.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
28.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
28.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
28.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
28.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
28.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
28.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
29.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
29.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
29.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
29.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
29.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
29.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
29.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
29.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
30.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
30.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
30.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
30.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
30.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
30.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
30.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
30.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
31.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
31.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
31.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
31.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
31.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
31.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
31.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
31.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
32.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
32.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
32.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65
32.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
32.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
32.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
32.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
32.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
32.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.736	7.01	4.92
33.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.736	7.01	1.30
33.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
33.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.736	8.41	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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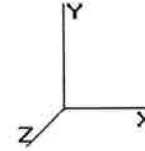
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

33.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.736	0.00	5.67
33.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.736	0.00	3.00
33.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.736	17.52	0.00
33.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.736	0.00	0.33
33.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.736	0.00	0.15
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	20.914	7.07	4.92
34.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	20.914	7.07	1.30
34.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.914	0.00	0.15
34.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	20.914	8.48	3.65
34.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	20.914	0.00	5.67
34.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.914	0.00	3.00
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	20.914	0.00	3.00
34.00	(4) DYWDAG	Yes	1.00	0.00	0.50	20.914	17.67	0.00
34.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	20.914	0.00	0.33
34.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	20.914	0.00	0.15
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	21.088	7.13	4.92
35.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	21.088	7.13	1.30
35.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.088	0.00	0.15
35.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	21.088	8.55	3.65
35.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	21.088	0.00	5.67
35.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.088	0.00	3.00
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.088	0.00	3.00
35.00	(4) DYWDAG	Yes	1.00	0.00	0.50	21.088	17.82	0.00
35.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	21.088	0.00	0.33
35.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.088	0.00	0.15
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	21.258	7.19	4.92
36.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	21.258	7.19	1.30
36.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.258	0.00	0.15
36.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	21.258	8.62	3.65
36.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	21.258	0.00	5.67
36.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.258	0.00	3.00
36.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.258	0.00	3.00
36.00	(4) DYWDAG	Yes	1.00	0.00	0.50	21.258	17.96	0.00
36.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	21.258	0.00	0.33
36.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.258	0.00	0.15
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	21.425	7.24	4.92
37.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	21.425	7.24	1.30
37.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.425	0.00	0.15
37.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	21.425	8.69	3.65
37.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	21.425	0.00	5.67
37.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.425	0.00	3.00
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.425	0.00	3.00
37.00	(4) DYWDAG	Yes	1.00	0.00	0.50	21.425	18.10	0.00
37.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	21.425	0.00	0.33
37.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.425	0.00	0.15
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	21.589	7.30	4.92
38.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	21.589	7.30	1.30
38.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.589	0.00	0.15
38.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	21.589	8.76	3.65
38.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	21.589	0.00	5.67
38.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.589	0.00	3.00
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.589	0.00	3.00
38.00	(4) DYWDAG	Yes	1.00	0.00	0.50	21.589	18.24	0.00
38.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	21.589	0.00	0.33
38.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.589	0.00	0.15
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	21.750	7.35	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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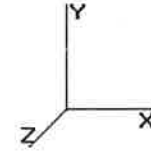
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

39.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	21.750	7.35	1.30
39.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.750	0.00	0.15
39.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	21.750	8.82	3.65
39.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	21.750	0.00	5.67
39.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.750	0.00	3.00
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.750	0.00	3.00
39.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	21.750	18.38	0.00
39.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	21.750	0.00	0.33
39.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.750	0.00	0.15
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	21.908	7.40	4.92
40.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	21.908	7.40	1.30
40.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.908	0.00	0.15
40.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	21.908	8.89	3.65
40.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	21.908	0.00	5.67
40.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.908	0.00	3.00
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	21.908	0.00	3.00
40.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	21.908	18.51	0.00
40.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	21.908	0.00	0.33
40.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	21.908	0.00	0.15
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	22.063	7.46	4.92
41.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	22.063	7.46	1.30
41.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.063	0.00	0.15
41.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	22.063	8.95	3.65
41.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	22.063	0.00	5.67
41.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.063	0.00	3.00
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.063	0.00	3.00
41.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	22.063	18.64	0.00
41.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	22.063	0.00	0.33
41.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.063	0.00	0.15
41.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.20	22.068	0.27	0.18
41.04	(1) 1 5/8" Hybriflex	Yes	0.04	1.30	0.20	22.068	0.27	0.05
41.04	(1) 1/2" Coax	Yes	0.04	0.15	0.00	22.068	0.00	0.01
41.04	(1) 2" Conduit	Yes	0.04	3.65	0.24	22.068	0.32	0.13
41.04	(9) 1 1/4" Coax	Yes	0.04	5.67	0.00	22.068	0.00	0.21
41.04	(3) 1 1/4" Hybriflex	Yes	0.04	3.00	0.00	22.068	0.00	0.11
41.04	(1) 1 1/4" Hybriflex	Yes	0.04	3.00	0.00	22.068	0.00	0.11
41.04	(4) DYWIDAG	Yes	0.04	0.00	0.50	22.068	0.68	0.00
41.04	(1) 7/8" Coax	Yes	0.04	0.33	0.00	22.068	0.00	0.01
41.04	(1) 1/2" Coax	Yes	0.04	0.15	0.00	22.068	0.00	0.01
42.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.20	22.215	7.24	4.74
42.00	(1) 1 5/8" Hybriflex	Yes	0.96	1.30	0.20	22.215	7.24	1.25
42.00	(1) 1/2" Coax	Yes	0.96	0.15	0.00	22.215	0.00	0.14
42.00	(1) 2" Conduit	Yes	0.96	3.65	0.24	22.215	8.68	3.52
42.00	(9) 1 1/4" Coax	Yes	0.96	5.67	0.00	22.215	0.00	5.46
42.00	(3) 1 1/4" Hybriflex	Yes	0.96	3.00	0.00	22.215	0.00	2.89
42.00	(1) 1 1/4" Hybriflex	Yes	0.96	3.00	0.00	22.215	0.00	2.89
42.00	(4) DYWIDAG	Yes	0.96	0.00	0.50	22.215	18.09	0.00
42.00	(1) 7/8" Coax	Yes	0.96	0.33	0.00	22.215	0.00	0.32
42.00	(1) 1/2" Coax	Yes	0.96	0.15	0.00	22.215	0.00	0.14
43.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	22.365	7.56	4.92
43.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	22.365	7.56	1.30
43.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.365	0.00	0.15
43.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	22.365	9.07	3.65
43.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	22.365	0.00	5.67
43.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.365	0.00	3.00
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.365	0.00	3.00
43.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	22.365	18.90	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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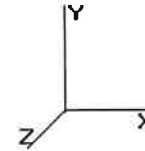
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

43.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	22.365	0.00	0.33
43.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.365	0.00	0.15
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	22.512	7.61	4.92
44.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	22.512	7.61	1.30
44.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.512	0.00	0.15
44.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	22.512	9.13	3.65
44.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	22.512	0.00	5.67
44.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.512	0.00	3.00
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.512	0.00	3.00
44.00	(4) DYWDAG	Yes	1.00	0.00	0.50	22.512	19.02	0.00
44.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	22.512	0.00	0.33
44.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.512	0.00	0.15
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	22.657	7.66	4.92
45.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	22.657	7.66	1.30
45.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.657	0.00	0.15
45.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	22.657	9.19	3.65
45.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	22.657	0.00	5.67
45.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.657	0.00	3.00
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.657	0.00	3.00
45.00	(4) DYWDAG	Yes	1.00	0.00	0.50	22.657	19.15	0.00
45.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	22.657	0.00	0.33
45.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.657	0.00	0.15
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	22.800	7.71	4.92
46.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	22.800	7.71	1.30
46.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.800	0.00	0.15
46.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	22.800	9.25	3.65
46.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	22.800	0.00	5.67
46.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.800	0.00	3.00
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	22.800	0.00	3.00
46.00	(4) DYWDAG	Yes	1.00	0.00	0.50	22.800	19.27	0.00
46.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	22.800	0.00	0.33
46.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	22.800	0.00	0.15
46.63	(6) 1 5/8" Coax	Yes	0.63	4.92	0.20	22.889	4.87	3.10
46.63	(1) 1 5/8" Hybriflex	Yes	0.63	1.30	0.20	22.889	4.87	0.82
46.63	(1) 1/2" Coax	Yes	0.63	0.15	0.00	22.889	0.00	0.09
46.63	(1) 2" Conduit	Yes	0.63	3.65	0.24	22.889	5.85	2.30
46.63	(9) 1 1/4" Coax	Yes	0.63	5.67	0.00	22.889	0.00	3.57
46.63	(3) 1 1/4" Hybriflex	Yes	0.63	3.00	0.00	22.889	0.00	1.89
46.63	(1) 1 1/4" Hybriflex	Yes	0.63	3.00	0.00	22.889	0.00	1.89
46.63	(4) DYWDAG	Yes	0.63	0.00	0.50	22.889	12.18	0.00
46.63	(1) 7/8" Coax	Yes	0.63	0.33	0.00	22.889	0.00	0.21
46.63	(1) 1/2" Coax	Yes	0.63	0.15	0.00	22.889	0.00	0.09
47.00	(6) 1 5/8" Coax	Yes	0.37	4.92	0.20	22.941	2.87	1.82
47.00	(1) 1 5/8" Hybriflex	Yes	0.37	1.30	0.20	22.941	2.87	0.48
47.00	(1) 1/2" Coax	Yes	0.37	0.15	0.00	22.941	0.00	0.06
47.00	(1) 2" Conduit	Yes	0.37	3.65	0.24	22.941	3.44	1.35
47.00	(9) 1 1/4" Coax	Yes	0.37	5.67	0.00	22.941	0.00	2.10
47.00	(3) 1 1/4" Hybriflex	Yes	0.37	3.00	0.00	22.941	0.00	1.11
47.00	(1) 1 1/4" Hybriflex	Yes	0.37	3.00	0.00	22.941	0.00	1.11
47.00	(4) DYWDAG	Yes	0.37	0.00	0.50	22.941	7.17	0.00
47.00	(1) 7/8" Coax	Yes	0.37	0.33	0.00	22.941	0.00	0.12
47.00	(1) 1/2" Coax	Yes	0.37	0.15	0.00	22.941	0.00	0.06
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.079	7.80	4.92
48.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.079	7.80	1.30
48.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.079	0.00	0.15
48.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.079	9.36	3.65
48.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.079	0.00	5.67

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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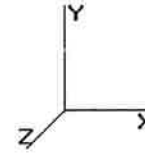
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

48.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.079	0.00	3.00
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.079	0.00	3.00
48.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	23.079	19.50	0.00
48.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.079	0.00	0.33
48.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.079	0.00	0.15
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.215	7.85	4.92
49.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.215	7.85	1.30
49.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.215	0.00	0.15
49.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.215	9.42	3.65
49.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.215	0.00	5.67
49.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.215	0.00	3.00
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.215	0.00	3.00
49.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	23.215	19.62	0.00
49.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.215	0.00	0.33
49.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.215	0.00	0.15
50.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.350	7.89	4.92
50.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.350	7.89	1.30
50.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.350	0.00	0.15
50.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.350	9.47	3.65
50.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.350	0.00	5.67
50.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.350	0.00	3.00
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.350	0.00	3.00
50.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	23.350	19.73	0.00
50.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.350	0.00	0.33
50.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.350	0.00	0.15
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.482	7.94	4.92
51.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.482	7.94	1.30
51.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.482	0.00	0.15
51.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.482	9.52	3.65
51.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.482	0.00	5.67
51.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.482	0.00	3.00
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.482	0.00	3.00
51.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	23.482	19.84	0.00
51.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.482	0.00	0.33
51.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.482	0.00	0.15
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.613	7.98	4.92
52.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.613	7.98	1.30
52.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.613	0.00	0.15
52.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.613	9.58	3.65
52.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.613	0.00	5.67
52.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.613	0.00	3.00
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.613	0.00	3.00
52.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	23.613	19.95	0.00
52.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.613	0.00	0.33
52.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.613	0.00	0.15
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.742	8.02	4.92
53.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.742	8.02	1.30
53.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.742	0.00	0.15
53.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.742	9.63	3.65
53.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.742	0.00	5.67
53.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.742	0.00	3.00
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.742	0.00	3.00
53.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	23.742	20.06	0.00
53.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.742	0.00	0.33
53.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.742	0.00	0.15
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.869	8.07	4.92
54.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.869	8.07	1.30

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice 90.00 mph Wind with No Ice 30 Iterations

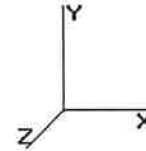
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

54.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.869	0.00	0.15
54.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.869	9.68	3.65
54.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.869	0.00	5.67
54.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.869	0.00	3.00
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.869	0.00	3.00
54.00	(4) DYWDAG	Yes	1.00	0.00	0.50	23.869	20.17	0.00
54.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.869	0.00	0.33
54.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.869	0.00	0.15
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	23.994	8.11	4.92
55.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	23.994	8.11	1.30
55.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.994	0.00	0.15
55.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	23.994	9.73	3.65
55.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	23.994	0.00	5.67
55.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.994	0.00	3.00
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	23.994	0.00	3.00
55.00	(4) DYWDAG	Yes	1.00	0.00	0.50	23.994	20.28	0.00
55.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	23.994	0.00	0.33
55.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	23.994	0.00	0.15
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.118	8.15	4.92
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.118	8.15	1.30
56.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.118	0.00	0.15
56.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.118	9.78	3.65
56.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.118	0.00	5.67
56.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.118	0.00	3.00
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.118	0.00	3.00
56.00	(4) DYWDAG	Yes	1.00	0.00	0.50	24.118	20.38	0.00
56.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.118	0.00	0.33
56.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.118	0.00	0.15
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.241	8.19	4.92
57.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.241	8.19	1.30
57.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.241	0.00	0.15
57.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.241	9.83	3.65
57.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.241	0.00	5.67
57.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.241	0.00	3.00
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.241	0.00	3.00
57.00	(4) DYWDAG	Yes	1.00	0.00	0.50	24.241	20.48	0.00
57.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.241	0.00	0.33
57.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.241	0.00	0.15
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.361	8.23	4.92
58.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.361	8.23	1.30
58.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.361	0.00	0.15
58.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.361	9.88	3.65
58.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.361	0.00	5.67
58.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.361	0.00	3.00
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.361	0.00	3.00
58.00	(4) DYWDAG	Yes	1.00	0.00	0.50	24.361	20.59	0.00
58.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.361	0.00	0.33
58.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.361	0.00	0.15
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.481	8.27	4.92
59.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.481	8.27	1.30
59.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.481	0.00	0.15
59.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.481	9.93	3.65
59.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.481	0.00	5.67
59.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.481	0.00	3.00
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.481	0.00	3.00
59.00	(4) DYWDAG	Yes	1.00	0.00	0.50	24.481	20.69	0.00
59.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.481	0.00	0.33

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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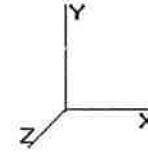
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

59.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.481	0.00	0.15
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.598	8.31	4.92
60.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.598	8.31	1.30
60.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.598	0.00	0.15
60.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.598	9.98	3.65
60.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.598	0.00	5.67
60.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.598	0.00	3.00
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.598	0.00	3.00
60.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	24.598	20.79	0.00
60.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.598	0.00	0.33
60.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.598	0.00	0.15
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.715	8.35	4.92
61.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.715	8.35	1.30
61.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.715	0.00	0.15
61.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.715	10.02	3.65
61.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.715	0.00	5.67
61.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.715	0.00	3.00
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.715	0.00	3.00
61.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	24.715	20.88	0.00
61.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.715	0.00	0.33
61.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.715	0.00	0.15
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.830	8.39	4.92
62.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.830	8.39	1.30
62.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.830	0.00	0.15
62.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.830	10.07	3.65
62.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.830	0.00	5.67
62.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.830	0.00	3.00
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.830	0.00	3.00
62.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	24.830	20.98	0.00
62.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.830	0.00	0.33
62.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.830	0.00	0.15
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	24.944	8.43	4.92
63.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	24.944	8.43	1.30
63.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.944	0.00	0.15
63.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	24.944	10.12	3.65
63.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	24.944	0.00	5.67
63.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.944	0.00	3.00
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	24.944	0.00	3.00
63.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	24.944	21.08	0.00
63.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	24.944	0.00	0.33
63.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	24.944	0.00	0.15
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.056	8.47	4.92
64.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.056	8.47	1.30
64.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.056	0.00	0.15
64.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.056	10.16	3.65
64.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.056	0.00	5.67
64.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.056	0.00	3.00
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.056	0.00	3.00
64.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	25.056	21.17	0.00
64.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.056	0.00	0.33
64.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.056	0.00	0.15
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.167	8.51	4.92
65.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.167	8.51	1.30
65.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.167	0.00	0.15
65.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.167	10.21	3.65
65.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.167	0.00	5.67
65.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.167	0.00	3.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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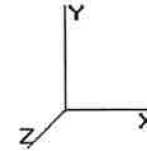
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

65.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.167	0.00	3.00
65.00	(4) DYWDAG	Yes	1.00	0.00	0.50	25.167	21.27	0.00
65.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.167	0.00	0.33
65.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.167	0.00	0.15
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.277	8.54	4.92
66.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.277	8.54	1.30
66.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.277	0.00	0.15
66.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.277	10.25	3.65
66.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.277	0.00	5.67
66.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.277	0.00	3.00
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.277	0.00	3.00
66.00	(4) DYWDAG	Yes	1.00	0.00	0.50	25.277	21.36	0.00
66.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.277	0.00	0.33
66.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.277	0.00	0.15
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.386	8.58	4.92
67.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.386	8.58	1.30
67.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.386	0.00	0.15
67.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.386	10.30	3.65
67.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.386	0.00	5.67
67.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.386	0.00	3.00
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.386	0.00	3.00
67.00	(4) DYWDAG	Yes	1.00	0.00	0.50	25.386	21.45	0.00
67.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.386	0.00	0.33
67.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.386	0.00	0.15
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.494	8.62	4.92
68.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.494	8.62	1.30
68.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.494	0.00	0.15
68.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.494	10.34	3.65
68.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.494	0.00	5.67
68.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.494	0.00	3.00
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.494	0.00	3.00
68.00	(4) DYWDAG	Yes	1.00	0.00	0.50	25.494	21.54	0.00
68.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.494	0.00	0.33
68.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.494	0.00	0.15
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.601	8.65	4.92
69.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.601	8.65	1.30
69.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.601	0.00	0.15
69.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.601	10.38	3.65
69.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.601	0.00	5.67
69.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.601	0.00	3.00
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.601	0.00	3.00
69.00	(4) DYWDAG	Yes	1.00	0.00	0.50	25.601	21.63	0.00
69.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.601	0.00	0.33
69.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.601	0.00	0.15
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.706	8.69	4.92
70.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.706	8.69	1.30
70.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.706	0.00	0.15
70.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.706	10.43	3.65
70.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.706	0.00	5.67
70.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.706	0.00	3.00
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.706	0.00	3.00
70.00	(4) DYWDAG	Yes	1.00	0.00	0.50	25.706	21.72	0.00
70.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.706	0.00	0.33
70.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.706	0.00	0.15
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.810	8.72	4.92
71.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.810	8.72	1.30
71.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.810	0.00	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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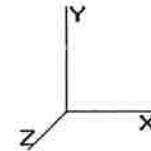
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

71.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.810	10.47	3.65
71.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.810	0.00	5.67
71.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.810	0.00	3.00
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.810	0.00	3.00
71.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	25.810	21.81	0.00
71.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.810	0.00	0.33
71.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.810	0.00	0.15
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	25.914	8.76	4.92
72.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	25.914	8.76	1.30
72.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.914	0.00	0.15
72.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	25.914	10.51	3.65
72.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	25.914	0.00	5.67
72.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.914	0.00	3.00
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	25.914	0.00	3.00
72.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	25.914	21.90	0.00
72.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	25.914	0.00	0.33
72.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	25.914	0.00	0.15
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.016	8.79	4.92
73.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.016	8.79	1.30
73.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.016	0.00	0.15
73.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.016	10.55	3.65
73.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.016	0.00	5.67
73.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.016	0.00	3.00
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.016	0.00	3.00
73.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.016	21.98	0.00
73.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.016	0.00	0.33
73.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.016	0.00	0.15
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.117	8.83	4.92
74.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.117	8.83	1.30
74.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.117	0.00	0.15
74.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.117	10.59	3.65
74.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.117	0.00	5.67
74.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.117	0.00	3.00
74.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.117	0.00	3.00
74.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.117	22.07	0.00
74.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.117	0.00	0.33
74.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.117	0.00	0.15
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.218	8.86	4.92
75.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.218	8.86	1.30
75.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.218	0.00	0.15
75.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.218	10.63	3.65
75.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.218	0.00	5.67
75.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.218	0.00	3.00
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.218	0.00	3.00
75.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.218	22.15	0.00
75.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.218	0.00	0.33
75.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.218	0.00	0.15
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.317	8.90	4.92
76.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.317	8.90	1.30
76.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.317	0.00	0.15
76.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.317	10.67	3.65
76.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.317	0.00	5.67
76.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.317	0.00	3.00
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.317	0.00	3.00
76.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.317	22.24	0.00
76.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.317	0.00	0.33
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.416	8.93	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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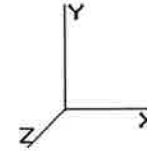
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

77.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.416	8.93	1.30
77.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.416	0.00	0.15
77.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.416	10.71	3.65
77.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.416	0.00	5.67
77.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.416	0.00	3.00
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.416	0.00	3.00
77.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.416	22.32	0.00
77.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.416	0.00	0.33
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.513	8.96	4.92
78.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.513	8.96	1.30
78.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.513	0.00	0.15
78.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.513	10.75	3.65
78.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.513	0.00	5.67
78.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.513	0.00	3.00
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.513	0.00	3.00
78.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.513	22.40	0.00
78.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.513	0.00	0.33
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.610	8.99	4.92
79.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.610	8.99	1.30
79.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.610	0.00	0.15
79.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.610	10.79	3.65
79.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.610	0.00	5.67
79.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.610	0.00	3.00
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.610	0.00	3.00
79.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.610	22.49	0.00
79.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.610	0.00	0.33
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.706	9.03	4.92
80.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.706	9.03	1.30
80.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.706	0.00	0.15
80.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.706	10.83	3.65
80.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.706	0.00	5.67
80.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.706	0.00	3.00
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.706	0.00	3.00
80.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.706	22.57	0.00
80.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.706	0.00	0.33
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.801	9.06	4.92
81.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.801	9.06	1.30
81.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.801	0.00	0.15
81.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.801	10.87	3.65
81.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.801	0.00	5.67
81.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.801	0.00	3.00
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.801	0.00	3.00
81.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.801	22.65	0.00
81.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.801	0.00	0.33
81.49	(6) 1 5/8" Coax	Yes	0.49	4.92	0.20	26.847	4.46	2.42
81.49	(1) 1 5/8" Hybriflex	Yes	0.49	1.30	0.20	26.847	4.46	0.64
81.49	(1) 1/2" Coax	Yes	0.49	0.15	0.00	26.847	0.00	0.07
81.49	(1) 2" Conduit	Yes	0.49	3.65	0.24	26.847	5.35	1.79
81.49	(9) 1 1/4" Coax	Yes	0.49	5.67	0.00	26.847	0.00	2.79
81.49	(3) 1 1/4" Hybriflex	Yes	0.49	3.00	0.00	26.847	0.00	1.47
81.49	(1) 1 1/4" Hybriflex	Yes	0.49	3.00	0.00	26.847	0.00	1.47
81.49	(4) DYWIDAG	Yes	0.49	0.00	0.50	26.847	11.15	0.00
81.49	(1) 7/8" Coax	Yes	0.49	0.33	0.00	26.847	0.00	0.16
82.00	(6) 1 5/8" Coax	Yes	0.51	4.92	0.20	26.895	4.62	2.50
82.00	(1) 1 5/8" Hybriflex	Yes	0.51	1.30	0.20	26.895	4.62	0.66
82.00	(1) 1/2" Coax	Yes	0.51	0.15	0.00	26.895	0.00	0.08
82.00	(1) 2" Conduit	Yes	0.51	3.65	0.24	26.895	5.55	1.86

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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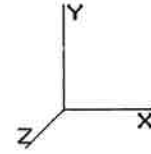
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

82.00	(9) 1 1/4" Coax	Yes	0.51	5.67	0.00	26.895	0.00	2.88
82.00	(3) 1 1/4" Hybriflex	Yes	0.51	3.00	0.00	26.895	0.00	1.53
82.00	(1) 1 1/4" Hybriflex	Yes	0.51	3.00	0.00	26.895	0.00	1.53
82.00	(4) DYWIDAG	Yes	0.51	0.00	0.50	26.895	11.56	0.00
82.00	(1) 7/8" Coax	Yes	0.51	0.33	0.00	26.895	0.00	0.17
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	26.988	9.12	4.92
83.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	26.988	9.12	1.30
83.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	26.988	0.00	0.15
83.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	26.988	10.95	3.65
83.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	26.988	0.00	5.67
83.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.988	0.00	3.00
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	26.988	0.00	3.00
83.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	26.988	22.80	0.00
83.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	26.988	0.00	0.33
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.081	9.15	4.92
84.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.081	9.15	1.30
84.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.081	0.00	0.15
84.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.081	10.98	3.65
84.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.081	0.00	5.67
84.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.081	0.00	3.00
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.081	0.00	3.00
84.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	27.081	22.88	0.00
84.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.081	0.00	0.33
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.172	9.18	4.92
85.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.172	9.18	1.30
85.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.172	0.00	0.15
85.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.172	11.02	3.65
85.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.172	0.00	5.67
85.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.172	0.00	3.00
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.172	0.00	3.00
85.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	27.172	22.96	0.00
85.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.172	0.00	0.33
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.263	9.21	4.92
86.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.263	9.21	1.30
86.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.263	0.00	0.15
86.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.263	11.06	3.65
86.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.263	0.00	5.67
86.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.263	0.00	3.00
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.263	0.00	3.00
86.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	27.263	23.04	0.00
86.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.263	0.00	0.33
86.18	(6) 1 5/8" Coax	Yes	0.18	4.92	0.20	27.279	1.63	0.87
86.18	(1) 1 5/8" Hybriflex	Yes	0.18	1.30	0.20	27.279	1.63	0.23
86.18	(1) 1/2" Coax	Yes	0.18	0.15	0.00	27.279	0.00	0.03
86.18	(1) 2" Conduit	Yes	0.18	3.65	0.24	27.279	1.95	0.64
86.18	(9) 1 1/4" Coax	Yes	0.18	5.67	0.00	27.279	0.00	1.00
86.18	(3) 1 1/4" Hybriflex	Yes	0.18	3.00	0.00	27.279	0.00	0.53
86.18	(1) 1 1/4" Hybriflex	Yes	0.18	3.00	0.00	27.279	0.00	0.53
86.18	(4) DYWIDAG	Yes	0.18	0.00	0.50	27.279	4.06	0.00
86.18	(1) 7/8" Coax	Yes	0.18	0.33	0.00	27.279	0.00	0.06
87.00	(6) 1 5/8" Coax	Yes	0.82	4.92	0.20	27.353	7.62	4.05
87.00	(1) 1 5/8" Hybriflex	Yes	0.82	1.30	0.20	27.353	7.62	1.07
87.00	(1) 1/2" Coax	Yes	0.82	0.15	0.00	27.353	0.00	0.12
87.00	(1) 2" Conduit	Yes	0.82	3.65	0.24	27.353	9.14	3.01
87.00	(9) 1 1/4" Coax	Yes	0.82	5.67	0.00	27.353	0.00	4.67
87.00	(3) 1 1/4" Hybriflex	Yes	0.82	3.00	0.00	27.353	0.00	2.47
87.00	(1) 1 1/4" Hybriflex	Yes	0.82	3.00	0.00	27.353	0.00	2.47

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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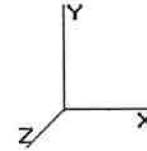
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

87.00	(4) DYWDAG	Yes	0.82	0.00	0.50	27.353	19.04	0.00
87.00	(1) 7/8" Coax	Yes	0.82	0.33	0.00	27.353	0.00	0.27
88.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.443	9.28	4.92
88.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.443	9.28	1.30
88.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.443	0.00	0.15
88.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.443	11.13	3.65
88.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.443	0.00	5.67
88.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.443	0.00	3.00
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.443	0.00	3.00
88.00	(4) DYWDAG	Yes	1.00	0.00	0.50	27.443	23.19	0.00
88.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.443	0.00	0.33
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.532	9.31	4.92
89.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.532	9.31	1.30
89.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.532	0.00	0.15
89.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.532	11.17	3.65
89.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.532	0.00	5.67
89.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.532	0.00	3.00
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.532	0.00	3.00
89.00	(4) DYWDAG	Yes	1.00	0.00	0.50	27.532	23.26	0.00
89.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.532	0.00	0.33
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.620	9.34	4.92
90.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.620	9.34	1.30
90.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.620	0.00	0.15
90.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.620	11.20	3.65
90.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.620	0.00	5.67
90.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.620	0.00	3.00
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.620	0.00	3.00
90.00	(4) DYWDAG	Yes	1.00	0.00	0.50	27.620	23.34	0.00
90.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.620	0.00	0.33
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.707	9.36	4.92
91.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.707	9.36	1.30
91.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.707	0.00	0.15
91.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.707	11.24	3.65
91.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.707	0.00	5.67
91.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.707	0.00	3.00
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.707	0.00	3.00
91.00	(4) DYWDAG	Yes	1.00	0.00	0.50	27.707	23.41	0.00
91.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.707	0.00	0.33
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.794	9.39	4.92
92.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.794	9.39	1.30
92.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.794	0.00	0.15
92.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.794	11.27	3.65
92.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.794	0.00	5.67
92.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.794	0.00	3.00
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.794	0.00	3.00
92.00	(4) DYWDAG	Yes	1.00	0.00	0.50	27.794	23.49	0.00
92.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.794	0.00	0.33
93.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.880	9.42	4.92
93.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.880	9.42	1.30
93.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.880	0.00	0.15
93.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.880	11.31	3.65
93.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.880	0.00	5.67
93.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.880	0.00	3.00
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.880	0.00	3.00
93.00	(4) DYWDAG	Yes	1.00	0.00	0.50	27.880	23.56	0.00
93.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.880	0.00	0.33
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	27.965	9.45	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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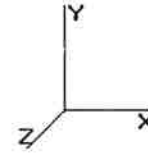
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

94.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	27.965	9.45	1.30
94.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	27.965	0.00	0.15
94.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	27.965	11.34	3.65
94.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	27.965	0.00	5.67
94.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.965	0.00	3.00
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	27.965	0.00	3.00
94.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	27.965	23.63	0.00
94.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	27.965	0.00	0.33
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.050	9.48	4.92
95.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.050	9.48	1.30
95.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.050	0.00	0.15
95.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.050	11.38	3.65
95.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.050	0.00	5.67
95.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.050	0.00	3.00
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.050	0.00	3.00
95.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	28.050	23.70	0.00
95.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	28.050	0.00	0.33
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.134	9.51	4.92
96.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.134	9.51	1.30
96.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.134	0.00	0.15
96.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.134	11.41	3.65
96.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.134	0.00	5.67
96.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.134	0.00	3.00
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.134	0.00	3.00
96.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	28.134	23.77	0.00
96.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	28.134	0.00	0.33
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.217	9.54	4.92
97.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.217	9.54	1.30
97.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.217	0.00	0.15
97.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.217	11.44	3.65
97.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.217	0.00	5.67
97.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.217	0.00	3.00
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.217	0.00	3.00
97.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	28.217	23.84	0.00
97.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	28.217	0.00	0.33
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.300	9.57	4.92
98.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.300	9.57	1.30
98.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.300	0.00	0.15
98.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.300	11.48	3.65
98.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.300	0.00	5.67
98.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.300	0.00	3.00
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.300	0.00	3.00
98.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	28.300	23.91	0.00
98.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	28.300	0.00	0.33
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.382	9.59	4.92
99.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.382	9.59	1.30
99.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.382	0.00	0.15
99.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.382	11.51	3.65
99.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.382	0.00	5.67
99.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.382	0.00	3.00
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.382	0.00	3.00
99.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	28.382	23.98	0.00
99.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	28.382	0.00	0.33
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.464	9.62	4.92
100.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.464	9.62	1.30
100.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.464	0.00	0.15
100.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.464	11.54	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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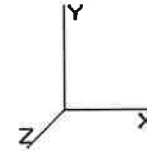
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

100.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.464	0.00	5.67
100.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.464	0.00	3.00
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.464	0.00	3.00
100.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.464	24.05	0.00
100.0	(1) 7/8" Coax	Yes	1.00	0.33	0.00	28.464	0.00	0.33
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.545	9.65	4.92
101.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.545	9.65	1.30
101.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.545	0.00	0.15
101.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.545	11.58	3.65
101.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.545	0.00	5.67
101.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.545	0.00	3.00
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.545	0.00	3.00
101.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.545	24.12	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.625	9.68	4.92
102.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.625	9.68	1.30
102.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.625	0.00	0.15
102.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.625	11.61	3.65
102.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.625	0.00	5.67
102.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.625	0.00	3.00
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.625	0.00	3.00
102.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.625	24.19	0.00
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.705	9.70	4.92
103.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.705	9.70	1.30
103.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.705	0.00	0.15
103.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.705	11.64	3.65
103.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.705	0.00	5.67
103.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.705	0.00	3.00
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.705	0.00	3.00
103.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.705	24.26	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.785	9.73	4.92
104.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.785	9.73	1.30
104.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.785	0.00	0.15
104.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.785	11.68	3.65
104.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.785	0.00	5.67
104.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.785	0.00	3.00
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.785	0.00	3.00
104.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.785	24.32	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.863	9.76	4.92
105.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.863	9.76	1.30
105.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.863	0.00	0.15
105.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.863	11.71	3.65
105.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.863	0.00	5.67
105.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.863	0.00	3.00
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.863	0.00	3.00
105.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.863	24.39	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	28.942	9.78	4.92
106.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	28.942	9.78	1.30
106.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	28.942	0.00	0.15
106.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	28.942	11.74	3.65
106.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	28.942	0.00	5.67
106.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.942	0.00	3.00
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	28.942	0.00	3.00
106.0	(4) DYWDAG	Yes	1.00	0.00	0.50	28.942	24.46	0.00
107.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.019	9.81	4.92
107.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.019	9.81	1.30
107.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.019	0.00	0.15
107.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.019	11.77	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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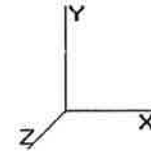
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

107.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.019	0.00	5.67
107.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.019	0.00	3.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.019	0.00	3.00
107.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	29.019	24.52	0.00
108.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.097	9.83	4.92
108.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.097	9.83	1.30
108.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.097	0.00	0.15
108.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.097	11.80	3.65
108.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.097	0.00	5.67
108.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.097	0.00	3.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.097	0.00	3.00
108.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	29.097	24.59	0.00
108.7	(6) 1 5/8" Coax	Yes	0.75	4.92	0.20	29.154	7.39	3.69
108.7	(1) 1 5/8" Hybriflex	Yes	0.75	1.30	0.20	29.154	7.39	0.97
108.7	(1) 1/2" Coax	Yes	0.75	0.15	0.00	29.154	0.00	0.11
108.7	(1) 2" Conduit	Yes	0.75	3.65	0.24	29.154	8.87	2.74
108.7	(9) 1 1/4" Coax	Yes	0.75	5.67	0.00	29.154	0.00	4.25
108.7	(3) 1 1/4" Hybriflex	Yes	0.75	3.00	0.00	29.154	0.00	2.25
108.7	(1) 1 1/4" Hybriflex	Yes	0.75	3.00	0.00	29.154	0.00	2.25
108.7	(4) DYWIDAG	Yes	0.75	0.00	0.50	29.154	18.48	0.00
109.0	(6) 1 5/8" Coax	Yes	0.25	4.92	0.20	29.173	2.47	1.23
109.0	(1) 1 5/8" Hybriflex	Yes	0.25	1.30	0.20	29.173	2.47	0.32
109.0	(1) 1/2" Coax	Yes	0.25	0.15	0.00	29.173	0.00	0.04
109.0	(1) 2" Conduit	Yes	0.25	3.65	0.24	29.173	2.96	0.91
109.0	(9) 1 1/4" Coax	Yes	0.25	5.67	0.00	29.173	0.00	1.42
109.0	(3) 1 1/4" Hybriflex	Yes	0.25	3.00	0.00	29.173	0.00	0.75
109.0	(1) 1 1/4" Hybriflex	Yes	0.25	3.00	0.00	29.173	0.00	0.75
109.0	(4) DYWIDAG	Yes	0.25	0.00	0.50	29.173	6.16	0.00
110.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.250	9.89	4.92
110.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.250	9.89	1.30
110.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.250	0.00	0.15
110.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.250	11.86	3.65
110.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.250	0.00	5.67
110.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.250	0.00	3.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.250	0.00	3.00
110.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	29.250	24.72	0.00
111.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.325	9.91	4.92
111.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.325	9.91	1.30
111.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.325	0.00	0.15
111.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.325	11.89	3.65
111.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.325	0.00	5.67
111.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.325	0.00	3.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.325	0.00	3.00
111.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	29.325	24.78	0.00
112.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.401	9.94	4.92
112.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.401	9.94	1.30
112.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.401	0.00	0.15
112.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.401	11.92	3.65
112.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.401	0.00	5.67
112.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.401	0.00	3.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.401	0.00	3.00
112.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	29.401	24.84	0.00
113.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.475	9.96	4.92
113.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.475	9.96	1.30
113.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.475	0.00	0.15
113.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.475	11.96	3.65
113.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.475	0.00	5.67

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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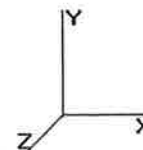
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

113.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.475	0.00	3.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.475	0.00	3.00
113.0	(4) DYWDAG	Yes	1.00	0.00	0.50	29.475	24.91	0.00
114.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.550	9.99	4.92
114.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.550	9.99	1.30
114.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.550	0.00	0.15
114.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.550	11.99	3.65
114.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.550	0.00	5.67
114.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.550	0.00	3.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.550	0.00	3.00
114.0	(4) DYWDAG	Yes	0.25	0.00	0.50	29.550	6.24	0.00
115.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.623	10.01	4.92
115.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.623	10.01	1.30
115.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.623	0.00	0.15
115.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.623	12.02	3.65
115.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.623	0.00	5.67
115.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.623	0.00	3.00
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.623	0.00	3.00
116.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.697	10.04	4.92
116.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.697	10.04	1.30
116.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.697	0.00	0.15
116.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.697	12.05	3.65
116.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.697	0.00	5.67
116.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.697	0.00	3.00
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.697	0.00	3.00
117.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.770	10.06	4.92
117.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.770	10.06	1.30
117.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.770	0.00	0.15
117.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.770	12.07	3.65
117.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.770	0.00	5.67
117.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.770	0.00	3.00
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.770	0.00	3.00
118.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.842	10.09	4.92
118.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.842	10.09	1.30
118.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.842	0.00	0.15
118.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.842	12.10	3.65
118.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.842	0.00	5.67
118.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.842	0.00	3.00
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.842	0.00	3.00
119.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.914	10.11	4.92
119.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.914	10.11	1.30
119.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.914	0.00	0.15
119.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.914	12.13	3.65
119.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.914	0.00	5.67
119.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.914	0.00	3.00
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.914	0.00	3.00
120.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	29.986	10.14	4.92
120.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	29.986	10.14	1.30
120.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	29.986	0.00	0.15
120.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	29.986	12.16	3.65
120.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	29.986	0.00	5.67
120.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.986	0.00	3.00
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	29.986	0.00	3.00
121.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.057	10.16	4.92
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.057	10.16	1.30
121.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.057	0.00	0.15
121.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.057	12.19	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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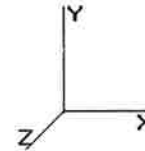
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

121.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.057	0.00	5.67
122.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.128	10.18	4.92
122.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.128	10.18	1.30
122.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.128	0.00	0.15
122.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.128	12.22	3.65
122.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.128	0.00	5.67
123.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.198	10.21	4.92
123.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.198	10.21	1.30
123.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.198	0.00	0.15
123.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.198	12.25	3.65
123.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.198	0.00	5.67
124.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.268	10.23	4.92
124.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.268	10.23	1.30
124.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.268	0.00	0.15
124.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.268	12.28	3.65
124.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.268	0.00	5.67
124.9	(6) 1 5/8" Coax	Yes	0.99	4.92	0.20	30.337	10.19	4.89
124.9	(1) 1 5/8" Hybriflex	Yes	0.99	1.30	0.20	30.337	10.19	1.29
124.9	(1) 1/2" Coax	Yes	0.99	0.15	0.00	30.337	0.00	0.15
124.9	(1) 2" Conduit	Yes	0.99	3.65	0.24	30.337	12.23	3.63
124.9	(9) 1 1/4" Coax	Yes	0.99	5.67	0.00	30.337	0.00	5.64
125.0	(6) 1 5/8" Coax	Yes	0.01	4.92	0.20	30.338	0.06	0.03
125.0	(1) 1 5/8" Hybriflex	Yes	0.01	1.30	0.20	30.338	0.06	0.01
125.0	(1) 1/2" Coax	Yes	0.01	0.15	0.00	30.338	0.00	0.00
125.0	(1) 2" Conduit	Yes	0.01	3.65	0.24	30.338	0.08	0.02
125.0	(9) 1 1/4" Coax	Yes	0.01	5.67	0.00	30.338	0.00	0.03
126.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.407	10.28	4.92
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.407	10.28	1.30
126.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.407	0.00	0.15
126.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.407	12.33	3.65
126.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.407	0.00	5.67
127.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.475	10.30	4.92
127.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.475	10.30	1.30
127.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.475	0.00	0.15
127.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.475	12.36	3.65
127.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.475	0.00	5.67
128.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.544	10.32	4.92
128.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.544	10.32	1.30
128.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.544	0.00	0.15
128.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.544	12.39	3.65
128.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.544	0.00	5.67
128.6	(6) 1 5/8" Coax	Yes	0.68	4.92	0.20	30.590	7.05	3.35
128.6	(1) 1 5/8" Hybriflex	Yes	0.68	1.30	0.20	30.590	7.05	0.89
128.6	(1) 1/2" Coax	Yes	0.68	0.15	0.00	30.590	0.00	0.10
128.6	(1) 2" Conduit	Yes	0.68	3.65	0.24	30.590	8.45	2.49
128.6	(9) 1 1/4" Coax	Yes	0.68	5.67	0.00	30.590	0.00	3.86
129.0	(6) 1 5/8" Coax	Yes	0.32	4.92	0.20	30.612	3.30	1.57
129.0	(1) 1 5/8" Hybriflex	Yes	0.32	1.30	0.20	30.612	3.30	0.41
129.0	(1) 1/2" Coax	Yes	0.32	0.15	0.00	30.612	0.00	0.05
129.0	(1) 2" Conduit	Yes	0.32	3.65	0.24	30.612	3.96	1.16
129.0	(9) 1 1/4" Coax	Yes	0.32	5.67	0.00	30.612	0.00	1.81
130.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.679	10.37	4.92
130.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.679	10.37	1.30
130.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.679	0.00	0.15
130.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.679	12.44	3.65
130.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.679	0.00	5.67
131.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.747	10.39	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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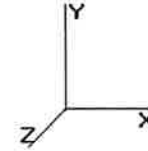
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

131.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.747	10.39	1.30
131.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.747	0.00	0.15
131.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.747	12.47	3.65
131.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	30.747	0.00	5.67
132.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.814	10.41	4.92
132.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.814	10.41	1.30
132.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.814	0.00	0.15
132.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.814	12.50	3.65
133.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.880	10.44	4.92
133.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.880	10.44	1.30
133.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.880	0.00	0.15
133.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.880	12.52	3.65
134.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	30.946	10.46	4.92
134.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	30.946	10.46	1.30
134.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	30.946	0.00	0.15
134.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	30.946	12.55	3.65
135.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.012	10.48	4.92
135.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.012	10.48	1.30
135.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	31.012	0.00	0.15
135.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	31.012	12.58	3.65
136.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.078	10.50	4.92
136.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.078	10.50	1.30
136.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	31.078	0.00	0.15
136.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	31.078	12.61	3.65
137.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.143	10.53	4.92
137.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.143	10.53	1.30
137.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	31.143	0.00	0.15
137.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	31.143	12.63	3.65
138.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.207	10.55	4.92
138.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.207	10.55	1.30
139.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.272	10.57	4.92
139.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.272	10.57	1.30
140.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.336	10.59	4.92
140.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.336	10.59	1.30
141.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.400	10.61	4.92
141.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	31.400	10.61	1.30
142.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.463	10.63	4.92
143.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.526	10.66	4.92
144.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.589	10.68	4.92
145.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.652	10.70	4.92
146.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.714	10.72	4.92
147.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	31.776	10.74	4.92
147.9	(6) 1 5/8" Coax	Yes	0.99	4.92	0.20	31.837	10.65	4.87
148.0	(6) 1 5/8" Coax	Yes	0.01	4.92	0.20	31.837	0.11	0.05
Totals:							6,133.93	2,828.23

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice 90.00 mph Wind with No Ice 30 Iterations

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

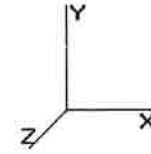
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	108.45	291.07	0.00	0.00
2.00	108.08	290.15	0.00	0.00
3.00	107.71	289.22	0.00	0.00
4.00	107.34	288.30	0.00	0.00
5.00	106.97	287.38	0.00	0.00
6.00	129.02	340.11	0.00	0.00
7.00	128.65	339.19	0.00	0.00
8.00	128.28	338.26	0.00	0.00
9.00	127.91	337.34	0.00	0.00
10.00	127.54	336.42	0.00	0.00
11.00	127.17	335.49	0.00	0.00
12.00	126.80	334.57	0.00	0.00
13.00	126.43	333.65	0.00	0.00
14.00	126.05	332.72	0.00	0.00
15.00	125.68	331.80	0.00	0.00
16.00	125.31	330.88	0.00	0.00
17.00	124.94	329.95	0.00	0.00
18.00	124.57	329.03	0.00	0.00
19.00	124.20	328.10	0.00	0.00
20.00	123.83	327.18	0.00	0.00
21.00	123.46	326.26	0.00	0.00
22.00	123.09	325.33	0.00	0.00
23.00	122.72	324.41	0.00	0.00
24.00	122.34	323.49	0.00	0.00
25.00	121.97	322.56	0.00	0.00
26.00	121.60	321.64	0.00	0.00
27.00	121.23	320.72	0.00	0.00
28.00	120.86	319.79	0.00	0.00
29.00	120.49	318.87	0.00	0.00
30.00	120.12	317.94	0.00	0.00
31.00	119.75	317.02	0.00	0.00
32.00	119.38	316.10	0.00	0.00
33.00	119.00	315.17	0.00	0.00
34.00	119.65	314.25	0.00	0.00
35.00	120.27	313.33	0.00	0.00
36.00	120.86	312.40	0.00	0.00
37.00	121.43	311.48	0.00	0.00
38.00	121.97	310.56	0.00	0.00
39.00	122.49	309.63	0.00	0.00
40.00	122.98	308.71	0.00	0.00
41.00	123.46	307.78	0.00	0.00
41.04	4.47	11.14	0.00	0.00
42.00	120.89	452.86	0.00	0.00
43.00	125.89	468.21	0.00	0.00
44.00	126.31	466.49	0.00	0.00
45.00	126.72	464.78	0.00	0.00
46.00	127.11	463.06	0.00	0.00
46.63	80.18	290.85	0.00	0.00
47.00	47.12	103.35	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

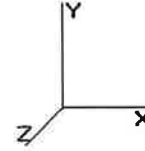
48.00	127.84	278.77	0.00	0.00
49.00	128.18	277.98	0.00	0.00
50.00	128.51	277.19	0.00	0.00
51.00	128.81	276.40	0.00	0.00
52.00	129.11	275.61	0.00	0.00
53.00	129.39	274.81	0.00	0.00
54.00	129.65	274.02	0.00	0.00
55.00	129.91	273.23	0.00	0.00
56.00	130.14	272.44	0.00	0.00
57.00	130.37	271.65	0.00	0.00
58.00	130.58	270.86	0.00	0.00
59.00	130.79	270.06	0.00	0.00
60.00	130.98	269.27	0.00	0.00
61.00	131.15	268.48	0.00	0.00
62.00	131.32	267.69	0.00	0.00
63.00	131.47	266.90	0.00	0.00
64.00	131.62	266.11	0.00	0.00
65.00	131.75	265.31	0.00	0.00
66.00	131.88	264.52	0.00	0.00
67.00	131.99	263.73	0.00	0.00
68.00	132.09	262.94	0.00	0.00
69.00	132.19	262.15	0.00	0.00
70.00	132.27	261.36	0.00	0.00
71.00	132.35	260.56	0.00	0.00
72.00	132.41	259.77	0.00	0.00
73.00	132.47	258.98	0.00	0.00
74.00	132.52	258.19	0.00	0.00
75.00	266.80	288.00	0.00	0.00
76.00	132.59	256.45	0.00	0.00
77.00	132.62	255.66	0.00	0.00
78.00	132.63	254.87	0.00	0.00
79.00	132.64	254.08	0.00	0.00
80.00	132.64	253.29	0.00	0.00
81.00	132.63	252.50	0.00	0.00
81.49	65.12	123.80	0.00	0.00
82.00	68.16	184.69	0.00	0.00
83.00	134.14	362.07	0.00	0.00
84.00	134.11	360.62	0.00	0.00
85.00	134.08	359.17	0.00	0.00
86.00	134.04	357.72	0.00	0.00
86.18	23.59	62.90	0.00	0.00
87.00	110.34	188.45	0.00	0.00
88.00	133.94	228.17	0.00	0.00
89.00	133.88	227.51	0.00	0.00
90.00	133.81	226.85	0.00	0.00
91.00	133.74	226.19	0.00	0.00
92.00	133.66	225.53	0.00	0.00
93.00	133.58	224.87	0.00	0.00
94.00	133.49	224.21	0.00	0.00
95.00	133.39	223.55	0.00	0.00
96.00	133.28	222.89	0.00	0.00
97.00	133.18	222.23	0.00	0.00
98.00	133.06	221.57	0.00	0.00
99.00	132.94	220.91	0.00	0.00
100.0	524.41	396.75	0.00	707.30
101.0	132.68	219.26	0.00	0.00
102.0	132.54	218.60	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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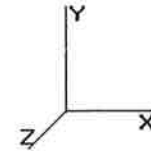
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

103.0	132.40	217.94	0.00	0.00
104.0	132.25	217.28	0.00	0.00
105.0	132.09	216.62	0.00	0.00
106.0	131.93	215.96	0.00	0.00
107.0	131.77	215.30	0.00	0.00
108.0	131.60	214.64	0.00	0.00
108.7	98.55	160.55	0.00	0.00
109.0	32.81	36.73	0.00	0.00
110.0	803.32	451.12	0.00	312.27
111.0	131.06	145.56	0.00	0.00
112.0	130.87	144.90	0.00	0.00
113.0	130.67	144.24	0.00	0.00
114.0	111.75	143.58	0.00	0.00
115.0	105.24	142.92	0.00	0.00
116.0	104.97	142.26	0.00	0.00
117.0	104.69	141.61	0.00	0.00
118.0	104.41	140.95	0.00	0.00
119.0	104.13	140.29	0.00	0.00
120.0	4,139.38	2,599.63	0.00	0.00
121.0	103.55	132.97	0.00	0.00
122.0	103.26	132.31	0.00	0.00
123.0	102.96	131.65	0.00	0.00
124.0	102.65	130.99	0.00	0.00
124.9	101.72	129.53	0.00	0.00
125.0	0.63	1.21	0.00	0.00
126.0	103.43	197.42	0.00	0.00
127.0	103.12	196.23	0.00	0.00
128.0	102.80	195.04	0.00	0.00
128.6	69.85	132.23	0.00	0.00
129.0	32.59	35.95	0.00	0.00
130.0	102.16	112.52	0.00	0.00
131.0	4,101.43	2,001.99	0.00	5,286.79
132.0	101.50	100.87	0.00	0.00
133.0	160.07	148.04	0.00	0.00
134.0	100.83	99.82	0.00	0.00
135.0	100.49	99.29	0.00	0.00
136.0	100.15	98.76	0.00	0.00
137.0	1,407.92	497.23	0.00	0.00
138.0	86.79	90.96	0.00	0.00
139.0	86.41	90.44	0.00	0.00
140.0	86.03	89.91	0.00	0.00
141.0	4,518.64	1,865.68	0.00	6,095.96
142.0	74.62	77.71	0.00	0.00
143.0	74.20	77.19	0.00	0.00
144.0	73.79	76.66	0.00	0.00
145.0	73.37	76.13	0.00	0.00
146.0	72.94	75.60	0.00	0.00
147.0	72.52	75.07	0.00	0.00
147.9	5,313.37	2,973.80	0.00	11,842.82
148.0	1,219.18	362.66	0.00	10,489.24
Totals:	39,279.02	46,759.26	0.00	34,734.38

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Calculated Shaft Forces and Deflections

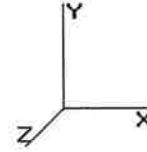
Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-39.298	-46.741	0.000	0.000	0.000	-4,359.071	0.000	0.000	0.000	0.000
1.00	-39.228	-46.418	0.000	0.000	0.000	-4,319.773	-0.005	0.000	0.005	-0.047
2.00	-39.157	-46.096	0.000	0.000	0.000	-4,280.546	-0.021	0.000	0.021	-0.094
3.00	-39.087	-45.775	0.000	0.000	0.000	-4,241.389	-0.046	0.000	0.046	-0.141
4.00	-39.016	-45.455	0.000	0.000	0.000	-4,202.303	-0.081	0.000	0.081	-0.188
5.00	-38.945	-45.136	0.000	0.000	0.000	-4,163.288	-0.126	0.000	0.126	-0.236
6.00	-38.852	-44.764	0.000	0.000	0.000	-4,124.343	-0.181	0.000	0.181	-0.283
7.00	-38.758	-44.393	0.000	0.000	0.000	-4,085.492	-0.245	0.000	0.245	-0.331
8.00	-38.664	-44.024	0.000	0.000	0.000	-4,046.734	-0.320	0.000	0.320	-0.378
9.00	-38.571	-43.655	0.000	0.000	0.000	-4,008.071	-0.405	0.000	0.405	-0.426
10.00	-38.476	-43.288	0.000	0.000	0.000	-3,969.501	-0.499	0.000	0.499	-0.473
11.00	-38.382	-42.921	0.000	0.000	0.000	-3,931.025	-0.604	0.000	0.604	-0.521
12.00	-38.288	-42.556	0.000	0.000	0.000	-3,892.644	-0.719	0.000	0.719	-0.569
13.00	-38.193	-42.192	0.000	0.000	0.000	-3,854.357	-0.844	0.000	0.844	-0.617
14.00	-38.098	-41.829	0.000	0.000	0.000	-3,816.164	-0.978	0.000	0.978	-0.665
15.00	-38.004	-41.466	0.000	0.000	0.000	-3,778.066	-1.123	0.000	1.123	-0.713
16.00	-37.909	-41.105	0.000	0.000	0.000	-3,740.064	-1.278	0.000	1.278	-0.761
17.00	-37.813	-40.745	0.000	0.000	0.000	-3,702.156	-1.443	0.000	1.443	-0.809
18.00	-37.718	-40.386	0.000	0.000	0.000	-3,664.343	-1.618	0.000	1.618	-0.858
19.00	-37.623	-40.029	0.000	0.000	0.000	-3,626.625	-1.803	0.000	1.803	-0.906
20.00	-37.527	-39.672	0.000	0.000	0.000	-3,589.004	-1.998	0.000	1.998	-0.954
21.00	-37.431	-39.316	0.000	0.000	0.000	-3,551.477	-2.204	0.000	2.204	-1.003
22.00	-37.335	-38.961	0.000	0.000	0.000	-3,514.047	-2.419	0.000	2.419	-1.051
23.00	-37.239	-38.608	0.000	0.000	0.000	-3,476.712	-2.645	0.000	2.645	-1.100
24.00	-37.143	-38.255	0.000	0.000	0.000	-3,439.473	-2.881	0.000	2.881	-1.148
25.00	-37.047	-37.904	0.000	0.000	0.000	-3,402.331	-3.127	0.000	3.127	-1.197
26.00	-36.950	-37.553	0.000	0.000	0.000	-3,365.285	-3.383	0.000	3.383	-1.245
27.00	-36.854	-37.204	0.000	0.000	0.000	-3,328.335	-3.650	0.000	3.650	-1.294
28.00	-36.757	-36.856	0.000	0.000	0.000	-3,291.482	-3.927	0.000	3.927	-1.343
29.00	-36.660	-36.509	0.000	0.000	0.000	-3,254.726	-4.213	0.000	4.213	-1.392
30.00	-36.563	-36.163	0.000	0.000	0.000	-3,218.067	-4.510	0.000	4.510	-1.441
31.00	-36.465	-35.818	0.000	0.000	0.000	-3,181.505	-4.818	0.000	4.818	-1.489
32.00	-36.368	-35.474	0.000	0.000	0.000	-3,145.040	-5.135	0.000	5.135	-1.538
33.00	-36.271	-35.131	0.000	0.000	0.000	-3,108.673	-5.463	0.000	5.463	-1.587
34.00	-36.172	-34.790	0.000	0.000	0.000	-3,072.403	-5.801	0.000	5.801	-1.636
35.00	-36.072	-34.449	0.000	0.000	0.000	-3,036.231	-6.150	0.000	6.150	-1.685
36.00	-35.971	-34.110	0.000	0.000	0.000	-3,000.160	-6.508	0.000	6.508	-1.734
37.00	-35.869	-33.771	0.000	0.000	0.000	-2,964.190	-6.877	0.000	6.877	-1.783
38.00	-35.766	-33.434	0.000	0.000	0.000	-2,928.321	-7.256	0.000	7.256	-1.832
39.00	-35.662	-33.098	0.000	0.000	0.000	-2,892.556	-7.645	0.000	7.645	-1.881
40.00	-35.557	-32.763	0.000	0.000	0.000	-2,856.894	-8.045	0.000	8.045	-1.931
41.00	-35.437	-32.444	0.000	0.000	0.000	-2,821.338	-8.455	0.000	8.455	-1.980
41.04	-35.446	-32.418	0.000	0.000	0.000	-2,820.054	-8.470	0.000	8.470	-1.981
42.00	-35.336	-31.940	0.000	0.000	0.000	-2,785.893	-8.875	0.000	8.875	-2.029
43.00	-35.220	-31.447	0.000	0.000	0.000	-2,750.557	-9.306	0.000	9.306	-2.077
44.00	-35.103	-30.956	0.000	0.000	0.000	-2,715.337	-9.746	0.000	9.746	-2.126
45.00	-34.985	-30.466	0.000	0.000	0.000	-2,680.235	-10.197	0.000	10.197	-2.174
46.00	-34.861	-29.984	0.000	0.000	0.000	-2,645.250	-10.658	0.000	10.658	-2.223
46.63	-34.782	-29.682	0.000	0.000	0.000	-2,623.288	-10.954	0.000	10.954	-2.254
47.00	-34.749	-29.559	0.000	0.000	0.000	-2,610.419	-11.129	0.000	11.129	-2.272
48.00	-34.636	-29.255	0.000	0.000	0.000	-2,575.670	-11.611	0.000	11.611	-2.323

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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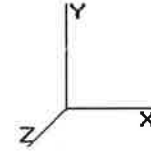
Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00	-34.523	-28.952	0.000	0.000	0.000	-2,541.035	-12.103	0.000	12.103	-2.374
50.00	-34.408	-28.649	0.000	0.000	0.000	-2,506.512	-12.606	0.000	12.606	-2.426
51.00	-34.293	-28.348	0.000	0.000	0.000	-2,472.104	-13.120	0.000	13.120	-2.477
52.00	-34.177	-28.048	0.000	0.000	0.000	-2,437.811	-13.645	0.000	13.645	-2.528
53.00	-34.061	-27.749	0.000	0.000	0.000	-2,403.635	-14.180	0.000	14.180	-2.579
54.00	-33.943	-27.451	0.000	0.000	0.000	-2,369.575	-14.726	0.000	14.726	-2.630
55.00	-33.825	-27.154	0.000	0.000	0.000	-2,335.632	-15.282	0.000	15.282	-2.681
56.00	-33.706	-26.858	0.000	0.000	0.000	-2,301.808	-15.850	0.000	15.850	-2.732
57.00	-33.586	-26.563	0.000	0.000	0.000	-2,268.103	-16.428	0.000	16.428	-2.783
58.00	-33.466	-26.269	0.000	0.000	0.000	-2,234.517	-17.016	0.000	17.016	-2.834
59.00	-33.344	-25.977	0.000	0.000	0.000	-2,201.052	-17.615	0.000	17.615	-2.884
60.00	-33.223	-25.685	0.000	0.000	0.000	-2,167.708	-18.225	0.000	18.225	-2.935
61.00	-33.100	-25.395	0.000	0.000	0.000	-2,134.486	-18.845	0.000	18.845	-2.985
62.00	-32.977	-25.105	0.000	0.000	0.000	-2,101.387	-19.476	0.000	19.476	-3.035
63.00	-32.853	-24.817	0.000	0.000	0.000	-2,068.410	-20.117	0.000	20.117	-3.086
64.00	-32.729	-24.530	0.000	0.000	0.000	-2,035.558	-20.769	0.000	20.769	-3.136
65.00	-32.604	-24.244	0.000	0.000	0.000	-2,002.830	-21.432	0.000	21.432	-3.186
66.00	-32.478	-23.959	0.000	0.000	0.000	-1,970.226	-22.104	0.000	22.104	-3.235
67.00	-32.352	-23.675	0.000	0.000	0.000	-1,937.749	-22.787	0.000	22.787	-3.285
68.00	-32.225	-23.393	0.000	0.000	0.000	-1,905.398	-23.481	0.000	23.481	-3.334
69.00	-32.097	-23.111	0.000	0.000	0.000	-1,873.174	-24.185	0.000	24.185	-3.384
70.00	-31.969	-22.831	0.000	0.000	0.000	-1,841.077	-24.899	0.000	24.899	-3.433
71.00	-31.841	-22.552	0.000	0.000	0.000	-1,809.109	-25.623	0.000	25.623	-3.482
72.00	-31.711	-22.273	0.000	0.000	0.000	-1,777.268	-26.357	0.000	26.357	-3.531
73.00	-31.582	-21.996	0.000	0.000	0.000	-1,745.557	-27.102	0.000	27.102	-3.579
74.00	-31.452	-21.721	0.000	0.000	0.000	-1,713.976	-27.857	0.000	27.857	-3.628
75.00	-31.322	-21.447	0.000	0.000	0.000	-1,682.525	-28.622	0.000	28.622	-3.676
76.00	-31.192	-21.172	0.000	0.000	0.000	-1,651.204	-29.397	0.000	29.397	-3.724
77.00	-31.062	-20.897	0.000	0.000	0.000	-1,620.013	-30.182	0.000	30.182	-3.771
78.00	-30.932	-20.622	0.000	0.000	0.000	-1,588.952	-30.977	0.000	30.977	-3.819
79.00	-30.802	-20.347	0.000	0.000	0.000	-1,558.021	-31.782	0.000	31.782	-3.866
80.00	-30.672	-20.072	0.000	0.000	0.000	-1,527.230	-32.596	0.000	32.596	-3.913
81.00	-30.542	-19.797	0.000	0.000	0.000	-1,496.579	-33.421	0.000	33.421	-3.960
81.49	-30.412	-19.522	0.000	0.000	0.000	-1,466.058	-33.830	0.000	33.830	-3.983
82.00	-30.282	-19.247	0.000	0.000	0.000	-1,435.667	-34.255	0.000	34.255	-4.007
83.00	-30.152	-18.972	0.000	0.000	0.000	-1,405.406	-35.099	0.000	35.099	-4.052
84.00	-30.022	-18.697	0.000	0.000	0.000	-1,375.275	-35.952	0.000	35.952	-4.097
85.00	-29.892	-18.422	0.000	0.000	0.000	-1,345.274	-36.815	0.000	36.815	-4.142
86.00	-29.762	-18.147	0.000	0.000	0.000	-1,315.393	-37.687	0.000	37.687	-4.187
86.18	-29.632	-17.872	0.000	0.000	0.000	-1,285.632	-37.842	0.000	37.842	-4.195
87.00	-29.502	-17.597	0.000	0.000	0.000	-1,255.991	-38.569	0.000	38.569	-4.231
88.00	-29.372	-17.322	0.000	0.000	0.000	-1,226.470	-39.460	0.000	39.460	-4.278
89.00	-29.242	-17.047	0.000	0.000	0.000	-1,197.069	-40.360	0.000	40.360	-4.324
90.00	-29.112	-16.772	0.000	0.000	0.000	-1,167.788	-41.271	0.000	41.271	-4.370
91.00	-28.982	-16.497	0.000	0.000	0.000	-1,138.627	-42.191	0.000	42.191	-4.416
92.00	-28.852	-16.222	0.000	0.000	0.000	-1,109.586	-43.120	0.000	43.120	-4.461
93.00	-28.722	-15.947	0.000	0.000	0.000	-1,080.665	-44.059	0.000	44.059	-4.506
94.00	-28.592	-15.672	0.000	0.000	0.000	-1,051.864	-45.007	0.000	45.007	-4.550
95.00	-28.462	-15.397	0.000	0.000	0.000	-1,023.183	-45.965	0.000	45.965	-4.594
96.00	-28.332	-15.122	0.000	0.000	0.000	-994.622	-46.931	0.000	46.931	-4.637
97.00	-28.202	-14.847	0.000	0.000	0.000	-966.181	-47.906	0.000	47.906	-4.680
98.00	-28.072	-14.572	0.000	0.000	0.000	-937.860	-48.891	0.000	48.891	-4.722
99.00	-27.942	-14.297	0.000	0.000	0.000	-909.569	-49.884	0.000	49.884	-4.764
100.0	-27.812	-14.022	0.000	0.000	0.000	-881.408	-50.885	0.000	50.885	-4.805
101.0	-27.682	-13.747	0.000	0.000	0.000	-853.377	-51.895	0.000	51.895	-4.845
102.0	-27.552	-13.472	0.000	0.000	0.000	-825.476	-52.914	0.000	52.914	-4.885
103.0	-27.422	-13.197	0.000	0.000	0.000	-797.705	-53.940	0.000	53.940	-4.924

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

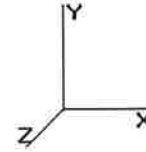
104.0	-26.767	-13.628	0.000	0.000	0.000	-834.856	-54.975	0.000	54.975	-4.963
105.0	-26.625	-13.406	0.000	0.000	0.000	-808.090	-56.018	0.000	56.018	-5.001
106.0	-26.483	-13.186	0.000	0.000	0.000	-781.465	-57.069	0.000	57.069	-5.038
107.0	-26.341	-12.966	0.000	0.000	0.000	-754.982	-58.127	0.000	58.127	-5.075
108.0	-26.198	-12.750	0.000	0.000	0.000	-728.641	-59.193	0.000	59.193	-5.111
108.7	-26.090	-12.591	0.000	0.000	0.000	-708.993	-59.998	0.000	59.998	-5.137
109.0	-26.063	-12.538	0.000	0.000	0.000	-702.470	-60.267	0.000	60.267	-5.146
110.0	-25.237	-12.130	0.000	0.000	0.000	-676.096	-61.352	0.000	61.352	-5.219
111.0	-25.108	-11.965	0.000	0.000	0.000	-650.859	-62.452	0.000	62.452	-5.291
112.0	-24.979	-11.803	0.000	0.000	0.000	-625.751	-63.566	0.000	63.566	-5.362
113.0	-24.849	-11.642	0.000	0.000	0.000	-600.773	-64.696	0.000	64.696	-5.432
114.0	-24.738	-11.480	0.000	0.000	0.000	-575.924	-65.840	0.000	65.840	-5.500
115.0	-24.632	-11.320	0.000	0.000	0.000	-551.186	-66.997	0.000	66.997	-5.566
116.0	-24.527	-11.161	0.000	0.000	0.000	-526.554	-68.169	0.000	68.169	-5.631
117.0	-24.421	-11.004	0.000	0.000	0.000	-502.028	-69.354	0.000	69.354	-5.695
118.0	-24.314	-10.848	0.000	0.000	0.000	-477.608	-70.552	0.000	70.552	-5.757
119.0	-24.208	-10.694	0.000	0.000	0.000	-453.294	-71.763	0.000	71.763	-5.817
120.0	-19.833	-8.510	0.000	0.000	0.000	-429.086	-72.986	0.000	72.986	-5.875
121.0	-19.725	-8.369	0.000	0.000	0.000	-409.253	-74.221	0.000	74.221	-5.932
122.0	-19.616	-8.230	0.000	0.000	0.000	-389.529	-75.467	0.000	75.467	-5.987
123.0	-19.508	-8.091	0.000	0.000	0.000	-369.913	-76.725	0.000	76.725	-6.041
124.0	-19.399	-7.955	0.000	0.000	0.000	-350.406	-77.994	0.000	77.994	-6.093
124.9	-19.287	-7.828	0.000	0.000	0.000	-331.126	-79.266	0.000	79.266	-6.143
125.0	-19.290	-7.819	0.000	0.000	0.000	-331.008	-79.274	0.000	79.274	-6.144
126.0	-19.172	-7.618	0.000	0.000	0.000	-311.718	-80.564	0.000	80.564	-6.193
127.0	-19.054	-7.418	0.000	0.000	0.000	-292.546	-81.864	0.000	81.864	-6.240
128.0	-18.936	-7.223	0.000	0.000	0.000	-273.492	-83.174	0.000	83.174	-6.285
128.6	-18.854	-7.093	0.000	0.000	0.000	-260.589	-84.071	0.000	84.071	-6.315
129.0	-18.822	-7.050	0.000	0.000	0.000	-254.582	-84.493	0.000	84.493	-6.328
130.0	-18.714	-6.934	0.000	0.000	0.000	-235.761	-85.821	0.000	85.821	-6.376
131.0	-14.419	-5.391	0.000	0.000	0.000	-211.760	-87.159	0.000	87.159	-6.421
132.0	-14.310	-5.292	0.000	0.000	0.000	-197.342	-88.506	0.000	88.506	-6.463
133.0	-14.138	-5.154	0.000	0.000	0.000	-183.032	-89.862	0.000	89.862	-6.503
134.0	-14.030	-5.057	0.000	0.000	0.000	-168.894	-91.226	0.000	91.226	-6.541
135.0	-13.922	-4.961	0.000	0.000	0.000	-154.864	-92.597	0.000	92.597	-6.577
136.0	-13.814	-4.867	0.000	0.000	0.000	-140.943	-93.976	0.000	93.976	-6.610
137.0	-12.360	-4.529	0.000	0.000	0.000	-127.129	-95.361	0.000	95.361	-6.641
138.0	-12.265	-4.443	0.000	0.000	0.000	-114.769	-96.752	0.000	96.752	-6.670
139.0	-12.171	-4.358	0.000	0.000	0.000	-102.504	-98.149	0.000	98.149	-6.697
140.0	-12.077	-4.274	0.000	0.000	0.000	-90.333	-99.552	0.000	99.552	-6.721
141.0	-7.372	-2.948	0.000	0.000	0.000	-72.160	-100.959	0.000	100.959	-6.742
142.0	-7.289	-2.878	0.000	0.000	0.000	-64.789	-102.370	0.000	102.370	-6.761
143.0	-7.207	-2.808	0.000	0.000	0.000	-57.500	-103.785	0.000	103.785	-6.777
144.0	-7.126	-2.739	0.000	0.000	0.000	-50.292	-105.203	0.000	105.203	-6.792
145.0	-7.044	-2.670	0.000	0.000	0.000	-43.167	-106.624	0.000	106.624	-6.806
146.0	-6.964	-2.603	0.000	0.000	0.000	-36.122	-108.048	0.000	108.048	-6.817
147.0	-6.883	-2.536	0.000	0.000	0.000	-29.159	-109.473	0.000	109.473	-6.827
147.9	-1.254	-0.215	0.000	0.000	0.000	-10.502	-110.887	0.000	110.887	-6.835
148.0	-1.219	0.000	0.000	0.000	0.000	-10.489	-110.901	0.000	110.901	-6.835

Pole : 302515
 Location : SMFR - North, CT
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Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
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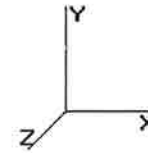
Calculated Stresses

Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.55	1.20	0.00	0.00	0.00	48.51	49.10	52.0	0.0	0.945
1.00	0.54	1.20	0.00	0.00	0.00	48.40	48.99	52.0	0.0	0.942
2.00	0.54	1.20	0.00	0.00	0.00	48.29	48.88	52.0	0.0	0.940
3.00	0.54	1.21	0.00	0.00	0.00	48.18	48.76	52.0	0.0	0.938
4.00	0.54	1.21	0.00	0.00	0.00	48.06	48.64	52.0	0.0	0.936
5.00	0.54	1.21	0.00	0.00	0.00	47.95	48.53	52.0	0.0	0.934
6.00	0.53	1.22	0.00	0.00	0.00	47.83	48.40	52.0	0.0	0.931
7.00	0.53	1.22	0.00	0.00	0.00	47.70	48.28	52.0	0.0	0.929
8.00	0.53	1.22	0.00	0.00	0.00	47.58	48.16	52.0	0.0	0.926
9.00	0.52	1.22	0.00	0.00	0.00	47.46	48.03	52.0	0.0	0.924
10.00	0.52	1.22	0.00	0.00	0.00	47.33	47.90	52.0	0.0	0.921
11.00	0.52	1.23	0.00	0.00	0.00	47.20	47.77	52.0	0.0	0.919
12.00	0.52	1.23	0.00	0.00	0.00	47.07	47.64	52.0	0.0	0.916
13.00	0.51	1.23	0.00	0.00	0.00	46.94	47.50	52.0	0.0	0.914
14.00	0.51	1.23	0.00	0.00	0.00	46.80	47.36	52.0	0.0	0.911
15.00	0.51	1.24	0.00	0.00	0.00	46.67	47.23	52.0	0.0	0.909
16.00	0.51	1.24	0.00	0.00	0.00	46.53	47.08	52.0	0.0	0.906
17.00	0.50	1.24	0.00	0.00	0.00	46.39	46.94	52.0	0.0	0.903
18.00	0.50	1.24	0.00	0.00	0.00	46.25	46.80	52.0	0.0	0.900
19.00	0.50	1.25	0.00	0.00	0.00	46.10	46.65	52.0	0.0	0.897
20.00	0.49	1.25	0.00	0.00	0.00	45.95	46.50	52.0	0.0	0.895
21.00	0.49	1.25	0.00	0.00	0.00	45.80	46.35	52.0	0.0	0.892
22.00	0.49	1.25	0.00	0.00	0.00	45.65	46.19	52.0	0.0	0.889
23.00	0.49	1.26	0.00	0.00	0.00	45.50	46.04	52.0	0.0	0.886
24.00	0.48	1.26	0.00	0.00	0.00	45.34	45.88	52.0	0.0	0.883
25.00	0.48	1.26	0.00	0.00	0.00	45.18	45.72	52.0	0.0	0.880
26.00	0.48	1.26	0.00	0.00	0.00	45.02	45.55	52.0	0.0	0.876
27.00	0.47	1.27	0.00	0.00	0.00	44.86	45.39	52.0	0.0	0.873
28.00	0.47	1.27	0.00	0.00	0.00	44.69	45.22	52.0	0.0	0.870
29.00	0.47	1.27	0.00	0.00	0.00	44.53	45.05	52.0	0.0	0.867
30.00	0.47	1.27	0.00	0.00	0.00	44.35	44.88	52.0	0.0	0.863
31.00	0.46	1.28	0.00	0.00	0.00	44.18	44.70	52.0	0.0	0.860
32.00	0.46	1.28	0.00	0.00	0.00	44.00	44.52	52.0	0.0	0.856
33.00	0.46	1.28	0.00	0.00	0.00	43.83	44.34	52.0	0.0	0.853
34.00	0.46	1.28	0.00	0.00	0.00	43.64	44.15	52.0	0.0	0.849
35.00	0.45	1.29	0.00	0.00	0.00	43.46	43.97	52.0	0.0	0.846
36.00	0.45	1.29	0.00	0.00	0.00	43.27	43.78	52.0	0.0	0.842
37.00	0.45	1.29	0.00	0.00	0.00	43.08	43.59	52.0	0.0	0.839
38.00	0.44	1.29	0.00	0.00	0.00	42.89	43.39	52.0	0.0	0.835
39.00	0.44	1.30	0.00	0.00	0.00	42.69	43.19	52.0	0.0	0.831
40.00	0.44	1.30	0.00	0.00	0.00	42.49	42.99	52.0	0.0	0.827
41.00	0.44	1.30	0.00	0.00	0.00	42.29	42.79	52.0	0.0	0.823
41.04	0.43	1.30	0.00	0.00	0.00	42.29	42.78	52.0	0.0	0.823
42.00	0.43	1.30	0.00	0.00	0.00	41.64	42.13	52.0	0.0	0.810
43.00	0.42	1.31	0.00	0.00	0.00	41.43	41.92	52.0	0.0	0.806
44.00	0.42	1.31	0.00	0.00	0.00	41.22	41.70	52.0	0.0	0.802
45.00	0.41	1.31	0.00	0.00	0.00	41.00	41.48	52.0	0.0	0.798
46.00	0.41	1.31	0.00	0.00	0.00	40.78	41.26	52.0	0.0	0.794
46.63	0.45	1.50	0.00	0.00	0.00	43.93	44.46	52.0	0.0	0.855
47.00	0.45	1.50	0.00	0.00	0.00	43.84	44.36	52.0	0.0	0.853
48.00	0.44	1.50	0.00	0.00	0.00	43.59	44.11	52.0	0.0	0.849

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: No Ice	90.00 mph Wind with No Ice	30 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

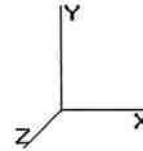
49.00	0.44	1.51	0.00	0.00	0.00	43.33	43.85	52.0	0.0	0.844
50.00	0.44	1.51	0.00	0.00	0.00	43.07	43.59	52.0	0.0	0.839
51.00	0.43	1.51	0.00	0.00	0.00	42.81	43.32	52.0	0.0	0.833
52.00	0.43	1.51	0.00	0.00	0.00	42.54	43.05	52.0	0.0	0.828
53.00	0.43	1.52	0.00	0.00	0.00	42.27	42.78	52.0	0.0	0.823
54.00	0.42	1.52	0.00	0.00	0.00	42.00	42.50	52.0	0.0	0.818
55.00	0.42	1.52	0.00	0.00	0.00	41.72	42.22	52.0	0.0	0.812
56.00	0.42	1.52	0.00	0.00	0.00	41.44	41.94	52.0	0.0	0.807
57.00	0.42	1.53	0.00	0.00	0.00	41.15	41.65	52.0	0.0	0.801
58.00	0.41	1.53	0.00	0.00	0.00	40.86	41.36	52.0	0.0	0.796
59.00	0.41	1.53	0.00	0.00	0.00	40.57	41.07	52.0	0.0	0.790
60.00	0.41	1.54	0.00	0.00	0.00	40.28	40.77	52.0	0.0	0.784
61.00	0.40	1.54	0.00	0.00	0.00	39.98	40.47	52.0	0.0	0.778
62.00	0.40	1.54	0.00	0.00	0.00	39.67	40.16	52.0	0.0	0.773
63.00	0.40	1.54	0.00	0.00	0.00	39.36	39.85	52.0	0.0	0.767
64.00	0.39	1.55	0.00	0.00	0.00	39.05	39.53	52.0	0.0	0.761
65.00	0.39	1.55	0.00	0.00	0.00	38.73	39.22	52.0	0.0	0.754
66.00	0.39	1.55	0.00	0.00	0.00	38.41	38.89	52.0	0.0	0.748
67.00	0.38	1.55	0.00	0.00	0.00	38.09	38.57	52.0	0.0	0.742
68.00	0.38	1.56	0.00	0.00	0.00	37.76	38.24	52.0	0.0	0.736
69.00	0.38	1.56	0.00	0.00	0.00	37.43	37.90	52.0	0.0	0.729
70.00	0.37	1.56	0.00	0.00	0.00	37.09	37.56	52.0	0.0	0.723
71.00	0.37	1.56	0.00	0.00	0.00	36.75	37.22	52.0	0.0	0.716
72.00	0.37	1.57	0.00	0.00	0.00	36.40	36.87	52.0	0.0	0.709
73.00	0.37	1.57	0.00	0.00	0.00	36.05	36.51	52.0	0.0	0.702
74.00	0.36	1.57	0.00	0.00	0.00	35.69	36.16	52.0	0.0	0.696
75.00	0.36	1.57	0.00	0.00	0.00	35.33	35.79	52.0	0.0	0.689
76.00	0.36	1.57	0.00	0.00	0.00	34.97	35.43	52.0	0.0	0.682
77.00	0.35	1.57	0.00	0.00	0.00	34.60	35.06	52.0	0.0	0.674
78.00	0.35	1.57	0.00	0.00	0.00	34.23	34.68	52.0	0.0	0.667
79.00	0.35	1.58	0.00	0.00	0.00	33.85	34.31	52.0	0.0	0.660
80.00	0.34	1.58	0.00	0.00	0.00	33.47	33.92	52.0	0.0	0.653
81.00	0.34	1.58	0.00	0.00	0.00	33.08	33.53	52.0	0.0	0.645
81.49	0.34	1.58	0.00	0.00	0.00	32.89	33.34	52.0	0.0	0.641
82.00	0.34	1.58	0.00	0.00	0.00	32.25	32.70	52.0	0.0	0.629
83.00	0.33	1.59	0.00	0.00	0.00	31.85	32.30	52.0	0.0	0.621
84.00	0.32	1.59	0.00	0.00	0.00	31.45	31.89	52.0	0.0	0.614
85.00	0.32	1.59	0.00	0.00	0.00	31.04	31.48	52.0	0.0	0.606
86.00	0.31	1.59	0.00	0.00	0.00	30.63	31.07	52.0	0.0	0.598
86.18	0.35	1.87	0.00	0.00	0.00	33.19	33.70	52.0	0.0	0.648
87.00	0.34	1.87	0.00	0.00	0.00	32.81	33.31	52.0	0.0	0.641
88.00	0.34	1.87	0.00	0.00	0.00	32.34	32.84	52.0	0.0	0.632
89.00	0.34	1.88	0.00	0.00	0.00	31.87	32.37	52.0	0.0	0.623
90.00	0.33	1.88	0.00	0.00	0.00	31.39	31.89	52.0	0.0	0.613
91.00	0.33	1.88	0.00	0.00	0.00	30.90	31.40	52.0	0.0	0.604
92.00	0.33	1.89	0.00	0.00	0.00	30.41	30.91	52.0	0.0	0.595
93.00	0.32	1.89	0.00	0.00	0.00	29.91	30.41	52.0	0.0	0.585
94.00	0.32	1.89	0.00	0.00	0.00	29.40	29.90	52.0	0.0	0.575
95.00	0.32	1.89	0.00	0.00	0.00	28.89	29.39	52.0	0.0	0.565
96.00	0.31	1.90	0.00	0.00	0.00	28.38	28.88	52.0	0.0	0.556
97.00	0.31	1.90	0.00	0.00	0.00	27.85	28.35	52.0	0.0	0.545
98.00	0.31	1.90	0.00	0.00	0.00	27.32	27.82	52.0	0.0	0.535
99.00	0.30	1.91	0.00	0.00	0.00	26.79	27.29	52.0	0.0	0.525
100.00	0.30	1.88	0.00	0.00	0.00	26.22	26.72	52.0	0.0	0.514
101.00	0.29	1.88	0.00	0.00	0.00	25.68	26.18	52.0	0.0	0.504
102.00	0.29	1.89	0.00	0.00	0.00	25.14	25.64	52.0	0.0	0.493
103.00	0.29	1.89	0.00	0.00	0.00	24.59	25.09	52.0	0.0	0.483

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: No Ice 90.00 mph Wind with No Ice 30 Iterations

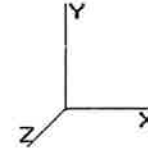
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

104.00	0.28	1.89	0.00	0.00	0.00	24.03	24.53	52.0	0.0	0.472
105.00	0.28	1.90	0.00	0.00	0.00	23.46	23.97	52.0	0.0	0.461
106.00	0.28	1.90	0.00	0.00	0.00	22.89	23.40	52.0	0.0	0.450
107.00	0.27	1.90	0.00	0.00	0.00	22.31	22.82	52.0	0.0	0.439
108.00	0.27	1.90	0.00	0.00	0.00	21.72	22.24	52.0	0.0	0.428
108.75	0.27	1.91	0.00	0.00	0.00	21.28	21.80	52.0	0.0	0.419
108.75	0.46	1.91	0.00	0.00	0.00	45.09	45.67	52.0	0.0	0.879
109.00	0.46	1.91	0.00	0.00	0.00	44.83	45.41	52.0	0.0	0.874
110.00	0.44	1.86	0.00	0.00	0.00	43.77	44.33	52.0	0.0	0.853
111.00	0.44	1.86	0.00	0.00	0.00	42.74	43.30	52.0	0.0	0.833
112.00	0.44	1.87	0.00	0.00	0.00	41.69	42.25	52.0	0.0	0.813
113.00	0.44	1.87	0.00	0.00	0.00	40.61	41.17	52.0	0.0	0.792
114.00	0.43	1.88	0.00	0.00	0.00	39.51	40.07	52.0	0.0	0.771
115.00	0.43	1.88	0.00	0.00	0.00	38.37	38.94	52.0	0.0	0.749
116.00	0.43	1.89	0.00	0.00	0.00	37.20	37.77	52.0	0.0	0.727
117.00	0.42	1.89	0.00	0.00	0.00	36.01	36.58	52.0	0.0	0.704
118.00	0.42	1.90	0.00	0.00	0.00	34.77	35.35	52.0	0.0	0.680
119.00	0.42	1.91	0.00	0.00	0.00	33.51	34.09	52.0	0.0	0.656
120.00	0.34	1.57	0.00	0.00	0.00	32.21	32.66	52.0	0.0	0.628
121.00	0.33	1.58	0.00	0.00	0.00	31.20	31.65	52.0	0.0	0.609
122.00	0.33	1.58	0.00	0.00	0.00	30.16	30.61	52.0	0.0	0.589
123.00	0.33	1.58	0.00	0.00	0.00	29.09	29.55	52.0	0.0	0.568
124.00	0.32	1.59	0.00	0.00	0.00	28.00	28.45	52.0	0.0	0.547
124.99	0.32	1.59	0.00	0.00	0.00	26.88	27.34	52.0	0.0	0.526
125.00	0.32	1.59	0.00	0.00	0.00	26.87	27.33	52.0	0.0	0.526
126.00	0.31	1.59	0.00	0.00	0.00	25.71	26.17	52.0	0.0	0.504
127.00	0.31	1.60	0.00	0.00	0.00	24.53	24.99	52.0	0.0	0.481
128.00	0.30	1.60	0.00	0.00	0.00	23.30	23.77	52.0	0.0	0.457
128.68	0.37	1.96	0.00	0.00	0.00	26.72	27.29	52.0	0.0	0.525
129.00	0.36	1.96	0.00	0.00	0.00	26.24	26.82	52.0	0.0	0.516
130.00	0.36	1.96	0.00	0.00	0.00	24.69	25.28	52.0	0.0	0.486
131.00	0.28	1.52	0.00	0.00	0.00	22.54	22.98	52.0	0.0	0.442
132.00	0.28	1.53	0.00	0.00	0.00	21.36	21.80	52.0	0.0	0.419
133.00	0.27	1.52	0.00	0.00	0.00	20.14	20.58	52.0	0.0	0.396
134.00	0.27	1.52	0.00	0.00	0.00	18.90	19.35	52.0	0.0	0.372
135.00	0.27	1.52	0.00	0.00	0.00	17.62	18.08	52.0	0.0	0.348
136.00	0.27	1.52	0.00	0.00	0.00	16.31	16.79	52.0	0.0	0.323
137.00	0.25	1.37	0.00	0.00	0.00	14.97	15.40	52.0	0.0	0.296
138.00	0.25	1.38	0.00	0.00	0.00	13.75	14.20	52.0	0.0	0.273
139.00	0.24	1.38	0.00	0.00	0.00	12.49	12.96	52.0	0.0	0.249
140.00	0.24	1.38	0.00	0.00	0.00	11.21	11.69	52.0	0.0	0.225
141.00	0.17	0.85	0.00	0.00	0.00	9.11	9.40	52.0	0.0	0.181
142.00	0.17	0.85	0.00	0.00	0.00	8.33	8.62	52.0	0.0	0.166
143.00	0.16	0.84	0.00	0.00	0.00	7.53	7.83	52.0	0.0	0.151
144.00	0.16	0.84	0.00	0.00	0.00	6.70	7.02	52.0	0.0	0.135
145.00	0.16	0.84	0.00	0.00	0.00	5.86	6.19	52.0	0.0	0.119
146.00	0.16	0.84	0.00	0.00	0.00	5.00	5.35	52.0	0.0	0.103
147.00	0.15	0.84	0.00	0.00	0.00	4.11	4.50	52.0	0.0	0.087
147.99	0.01	0.15	0.00	0.00	0.00	1.51	1.54	52.0	0.0	0.030
148.00	0.00	0.15	0.00	0.00	0.00	1.51	1.53	52.0	0.0	0.029

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Shaft Segment Forces

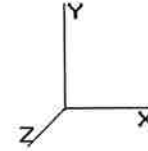
Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		0.00	1.00	15.551	26.281	311.7600.650	0.500	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00	15.551	26.281	310.4900.650	0.500	1.00	4.075	2.65	69.6	29.8	320.9
2.00		0.00	1.00	15.551	26.281	309.2210.650	0.500	1.00	4.059	2.64	69.3	29.7	319.8
3.00		0.00	1.00	15.551	26.281	307.9510.650	0.500	1.00	4.043	2.63	69.1	29.6	318.8
4.00		0.00	1.00	15.551	26.281	306.6810.650	0.500	1.00	4.026	2.62	68.8	29.4	317.7
5.00		0.00	1.00	15.551	26.281	305.4120.650	0.500	1.00	4.010	2.61	68.5	29.3	316.7
6.00		0.00	1.00	15.551	26.281	304.1420.650	0.500	1.00	3.994	2.60	68.2	29.2	315.7
7.00		0.00	1.00	15.551	26.281	302.8730.650	0.500	1.00	3.977	2.59	67.9	29.1	314.6
8.00		0.00	1.00	15.551	26.281	301.6030.650	0.500	1.00	3.961	2.57	67.7	29.0	313.6
9.00		0.00	1.00	15.551	26.281	300.3330.650	0.500	1.00	3.945	2.56	67.4	28.8	312.5
10.00		0.00	1.00	15.551	26.281	299.0640.650	0.500	1.00	3.929	2.55	67.1	28.7	311.5
11.00		0.00	1.00	15.551	26.281	297.7940.650	0.500	1.00	3.912	2.54	66.8	28.6	310.4
12.00		0.00	1.00	15.551	26.281	296.5240.650	0.500	1.00	3.896	2.53	66.6	28.5	309.4
13.00		0.00	1.00	15.551	26.281	295.2550.650	0.500	1.00	3.880	2.52	66.3	28.4	308.4
14.00		0.00	1.00	15.551	26.281	293.9850.650	0.500	1.00	3.863	2.51	66.0	28.2	307.3
15.00		0.00	1.00	15.551	26.281	292.7150.650	0.500	1.00	3.847	2.50	65.7	28.1	306.3
16.00		0.00	1.00	15.551	26.281	291.4460.650	0.500	1.00	3.831	2.49	65.4	28.0	305.2
17.00		0.00	1.00	15.551	26.281	290.1760.650	0.500	1.00	3.815	2.48	65.2	27.9	304.2
18.00		0.00	1.00	15.551	26.281	288.9070.650	0.500	1.00	3.798	2.47	64.9	27.8	303.1
19.00		0.00	1.00	15.551	26.281	287.6370.650	0.500	1.00	3.782	2.46	64.6	27.6	302.1
20.00		0.00	1.00	15.551	26.281	286.3670.650	0.500	1.00	3.766	2.45	64.3	27.5	301.0
21.00		0.00	1.00	15.551	26.281	285.0980.650	0.500	1.00	3.749	2.44	64.1	27.4	300.0
22.00		0.00	1.00	15.551	26.281	283.8280.650	0.500	1.00	3.733	2.43	63.8	27.3	299.0
23.00		0.00	1.00	15.551	26.281	282.5580.650	0.500	1.00	3.717	2.42	63.5	27.2	297.9
24.00		0.00	1.00	15.551	26.281	281.2890.650	0.500	1.00	3.701	2.41	63.2	27.0	296.9
25.00		0.00	1.00	15.551	26.281	280.0190.650	0.500	1.00	3.684	2.39	62.9	26.9	295.8
26.00		0.00	1.00	15.551	26.281	278.7490.650	0.500	1.00	3.668	2.38	62.7	26.8	294.8
27.00		0.00	1.00	15.551	26.281	277.4800.650	0.500	1.00	3.652	2.37	62.4	26.7	293.7
28.00		0.00	1.00	15.551	26.281	276.2100.650	0.500	1.00	3.635	2.36	62.1	26.6	292.7
29.00		0.00	1.00	15.551	26.281	274.9410.650	0.500	1.00	3.619	2.35	61.8	26.4	291.6
30.00		0.00	1.00	15.551	26.281	273.6710.650	0.500	1.00	3.603	2.34	61.5	26.3	290.6
31.00		0.00	1.00	15.551	26.281	272.4010.650	0.500	1.00	3.586	2.33	61.3	26.2	289.6
32.00		0.00	1.00	15.551	26.281	271.1320.650	0.500	1.00	3.570	2.32	61.0	26.1	288.5
33.00		0.00	1.00	15.551	26.281	269.8620.650	0.500	1.00	3.554	2.31	60.7	26.0	287.5
34.00		0.00	1.00	15.684	26.506	269.7400.650	0.500	1.00	3.538	2.30	61.0	25.8	286.4
35.00		0.00	1.01	15.815	26.727	269.5790.650	0.500	1.00	3.521	2.29	61.2	25.7	285.4
36.00		0.00	1.02	15.943	26.943	269.3810.650	0.500	1.00	3.505	2.28	61.4	25.6	284.3
37.00		0.00	1.03	16.068	27.155	269.1470.650	0.500	1.00	3.489	2.27	61.6	25.5	283.3
38.00		0.00	1.04	16.191	27.362	268.8790.650	0.500	1.00	3.472	2.26	61.8	25.3	282.2
39.00		0.00	1.04	16.311	27.566	268.5780.650	0.500	1.00	3.456	2.25	61.9	25.2	281.2
40.00		0.00	1.05	16.430	27.766	268.2460.650	0.500	1.00	3.440	2.24	62.1	25.1	280.2
41.00		0.00	1.06	16.546	27.963	267.8840.650	0.500	1.00	3.424	2.23	62.2	25.0	279.1
41.04	Bot - Section 2	0.00	1.06	16.550	27.970	267.8710.650	0.500	0.04	0.124	0.08	2.3	0.9	10.1
42.00		0.00	1.07	16.660	28.156	267.4940.650	0.500	0.96	3.344	2.17	61.2	24.4	425.6
43.00		0.00	1.07	16.773	28.346	267.0760.650	0.500	1.00	3.454	2.24	63.6	25.2	439.8
44.00		0.00	1.08	16.883	28.533	266.6320.650	0.500	1.00	3.437	2.23	63.7	25.1	437.9
45.00		0.00	1.09	16.992	28.717	266.1620.650	0.500	1.00	3.421	2.22	63.9	25.0	436.1
46.00		0.00	1.10	17.099	28.897	265.6680.650	0.500	1.00	3.405	2.21	64.0	24.8	434.2
46.63	Top - Section 1	0.00	1.10	17.166	29.010	265.3440.650	0.500	0.63	2.137	1.39	40.3	15.6	272.6
47.00		0.00	1.10	17.204	29.076	270.2730.650	0.500	0.37	1.252	0.81	23.7	9.1	92.6
48.00		0.00	1.11	17.308	29.251	269.7480.650	0.500	1.00	3.372	2.19	64.1	24.6	249.7

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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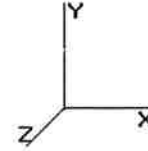
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00		0.00	1.12	17.411	29.424	269.2000	0.650	0.500	1.00	3.356	2.18	64.2	24.5	248.8
50.00		0.00	1.12	17.511	29.594	268.6310	0.650	0.500	1.00	3.339	2.17	64.2	24.4	247.9
51.00		0.00	1.13	17.611	29.762	268.0410	0.650	0.500	1.00	3.323	2.16	64.3	24.2	247.0
52.00		0.00	1.13	17.709	29.928	267.4310	0.650	0.500	1.00	3.307	2.15	64.3	24.1	246.1
53.00		0.00	1.14	17.805	30.091	266.8010	0.650	0.500	1.00	3.291	2.14	64.4	24.0	245.2
54.00		0.00	1.15	17.901	30.252	266.1520	0.650	0.500	1.00	3.274	2.13	64.4	23.9	244.2
55.00		0.00	1.15	17.995	30.411	265.4850	0.650	0.500	1.00	3.258	2.12	64.4	23.8	243.3
56.00		0.00	1.16	18.088	30.568	264.8000	0.650	0.500	1.00	3.242	2.11	64.4	23.6	242.4
57.00		0.00	1.16	18.179	30.723	264.0980	0.650	0.500	1.00	3.225	2.10	64.4	23.5	241.5
58.00		0.00	1.17	18.270	30.876	263.3780	0.650	0.500	1.00	3.209	2.09	64.4	23.4	240.6
59.00		0.00	1.18	18.359	31.027	262.6430	0.650	0.500	1.00	3.193	2.08	64.4	23.3	239.7
60.00		0.00	1.18	18.448	31.177	261.8910	0.650	0.500	1.00	3.177	2.06	64.4	23.2	238.8
61.00		0.00	1.19	18.535	31.324	261.1240	0.650	0.500	1.00	3.160	2.05	64.3	23.0	237.9
62.00		0.00	1.19	18.621	31.470	260.3420	0.650	0.500	1.00	3.144	2.04	64.3	22.9	236.9
63.00		0.00	1.20	18.707	31.614	259.5460	0.650	0.500	1.00	3.128	2.03	64.3	22.8	236.0
64.00		0.00	1.20	18.791	31.757	258.7350	0.650	0.500	1.00	3.111	2.02	64.2	22.7	235.1
65.00		0.00	1.21	18.874	31.898	257.9100	0.650	0.500	1.00	3.095	2.01	64.2	22.6	234.2
66.00		0.00	1.21	18.957	32.037	257.0710	0.650	0.500	1.00	3.079	2.00	64.1	22.4	233.3
67.00		0.00	1.22	19.039	32.175	256.2190	0.650	0.500	1.00	3.063	1.99	64.0	22.3	232.4
68.00		0.00	1.22	19.119	32.312	255.3540	0.650	0.500	1.00	3.046	1.98	64.0	22.2	231.5
69.00		0.00	1.23	19.199	32.447	254.4760	0.650	0.500	1.00	3.030	1.97	63.9	22.1	230.6
70.00		0.00	1.24	19.278	32.580	253.5860	0.650	0.500	1.00	3.014	1.96	63.8	21.9	229.6
71.00		0.00	1.24	19.357	32.713	252.6840	0.650	0.500	1.00	2.997	1.95	63.7	21.8	228.7
72.00		0.00	1.25	19.434	32.844	251.7700	0.650	0.500	1.00	2.981	1.94	63.6	21.7	227.8
73.00		0.00	1.25	19.511	32.973	250.8450	0.650	0.500	1.00	2.965	1.93	63.5	21.6	226.9
74.00		0.00	1.26	19.587	33.102	249.9080	0.650	0.500	1.00	2.949	1.92	63.4	21.5	226.0
75.00	Appertunance(s)	0.00	1.26	19.662	33.229	248.9600	0.650	0.500	1.00	2.932	1.91	63.3	21.3	225.1
76.00		0.00	1.26	19.737	33.355	248.0010	0.650	0.500	1.00	2.916	1.90	63.2	21.2	224.2
77.00		0.00	1.27	19.811	33.480	247.0320	0.650	0.500	1.00	2.900	1.88	63.1	21.1	223.3
78.00		0.00	1.27	19.884	33.604	246.0520	0.650	0.500	1.00	2.883	1.87	63.0	21.0	222.3
79.00		0.00	1.28	19.956	33.726	245.0620	0.650	0.500	1.00	2.867	1.86	62.9	20.9	221.4
80.00		0.00	1.28	20.028	33.847	244.0620	0.650	0.500	1.00	2.851	1.85	62.7	20.7	220.5
81.00		0.00	1.29	20.099	33.968	243.0520	0.650	0.500	1.00	2.834	1.84	62.6	20.6	219.6
81.49	Bot - Section 3	0.00	1.29	20.134	34.027	242.5520	0.650	0.49	1.387	0.90	30.7	10.1	107.6	
82.00		0.00	1.29	20.170	34.087	242.0320	0.650	0.51	1.458	0.95	32.3	10.6	168.1	
83.00		0.00	1.30	20.240	34.205	241.0030	0.650	0.500	1.00	2.854	1.86	63.5	20.8	329.3
84.00		0.00	1.30	20.309	34.323	239.9650	0.650	0.500	1.00	2.838	1.84	63.3	20.6	327.8
85.00		0.00	1.31	20.378	34.439	238.9180	0.650	0.500	1.00	2.821	1.83	63.2	20.5	326.2
86.00		0.00	1.31	20.446	34.554	237.8610	0.650	0.500	1.00	2.805	1.82	63.0	20.4	324.6
86.18	Top - Section 2	0.00	1.31	20.458	34.574	237.6740	0.650	0.18	0.493	0.32	11.1	3.6	57.1	
87.00		0.00	1.31	20.514	34.668	241.4590	0.650	0.82	2.296	1.49	51.7	16.7	161.1	
88.00		0.00	1.32	20.581	34.782	240.3930	0.650	0.500	1.00	2.773	1.80	62.7	20.2	194.8
89.00		0.00	1.32	20.648	34.894	239.3180	0.650	0.500	1.00	2.756	1.79	62.5	20.0	194.0
90.00		0.00	1.33	20.714	35.006	238.2350	0.650	0.500	1.00	2.740	1.78	62.3	19.9	193.3
91.00		0.00	1.33	20.779	35.117	237.1440	0.650	0.500	1.00	2.724	1.77	62.2	19.8	192.5
92.00		0.00	1.34	20.844	35.226	236.0440	0.650	0.500	1.00	2.707	1.76	62.0	19.7	191.7
93.00		0.00	1.34	20.909	35.335	234.9370	0.650	0.500	1.00	2.691	1.75	61.8	19.6	190.9
94.00		0.00	1.34	20.973	35.444	233.8220	0.650	0.500	1.00	2.675	1.74	61.6	19.4	190.1
95.00		0.00	1.35	21.036	35.551	232.6990	0.650	0.500	1.00	2.659	1.73	61.4	19.3	189.4
96.00		0.00	1.35	21.099	35.657	231.5680	0.650	0.500	1.00	2.642	1.72	61.2	19.2	188.6
97.00		0.00	1.36	21.162	35.763	230.4300	0.650	0.500	1.00	2.626	1.71	61.0	19.1	187.8
98.00		0.00	1.36	21.224	35.868	229.2850	0.650	0.500	1.00	2.610	1.70	60.8	19.0	187.0
99.00		0.00	1.36	21.285	35.972	228.1320	0.650	0.500	1.00	2.593	1.69	60.6	18.8	186.2
100.0	Appertunance(s)	0.00	1.37	21.347	36.076	226.9730	0.650	0.500	1.00	2.577	1.68	60.4	18.7	185.5
101.0		0.00	1.37	21.407	36.178	225.8060	0.650	0.500	1.00	2.561	1.66	60.2	18.6	184.7
102.0		0.00	1.38	21.468	36.280	224.6320	0.650	0.500	1.00	2.544	1.65	60.0	18.5	183.9
103.0		0.00	1.38	21.528	36.382	223.4520	0.650	0.500	1.00	2.528	1.64	59.8	18.4	183.1

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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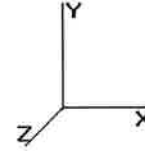
Load Case: Ice		77.94 mph Wind with Ice										29 Iterations	
Gust Response Factor 1.69													
Dead Load Factor : 1.00													
Wind Load Factor : 1.00													
104.0		0.00	1.38	21.587	36.482	222.2640.650	0.500	1.00	2.512	1.63	59.6	18.2	182.3
105.0		0.00	1.39	21.646	36.582	221.0710.650	0.500	1.00	2.496	1.62	59.3	18.1	181.6
106.0		0.00	1.39	21.705	36.681	219.8700.650	0.500	1.00	2.479	1.61	59.1	18.0	180.8
107.0		0.00	1.39	21.763	36.780	218.6630.650	0.500	1.00	2.463	1.60	58.9	17.9	180.0
108.0		0.00	1.40	21.821	36.878	217.4500.650	0.500	1.00	2.447	1.59	58.6	17.8	179.2
108.7	Reinf. Top	0.00	1.40	21.864	36.951	216.5360.650	0.500	0.75	1.824	1.19	43.8	13.2	133.9
109.0		0.00	1.40	21.879	36.975	216.2310.650	0.500	0.25	0.606	0.39	14.6	4.4	27.8
110.0	Appertunance(s)	0.00	1.41	21.936	37.072	215.0050.650	0.500	1.00	2.414	1.57	58.2	17.5	110.9
111.0		0.00	1.41	21.993	37.168	213.7730.650	0.500	1.00	2.398	1.56	57.9	17.4	110.1
112.0		0.00	1.41	22.049	37.263	212.5360.650	0.500	1.00	2.382	1.55	57.7	17.3	109.3
113.0		0.00	1.42	22.105	37.358	211.2920.650	0.500	1.00	2.365	1.54	57.4	17.1	108.5
114.0		0.00	1.42	22.161	37.452	210.0420.650	0.500	1.00	2.349	1.53	57.2	17.0	107.7
115.0		0.00	1.42	22.216	37.545	208.7870.650	0.500	1.00	2.333	1.52	56.9	16.9	107.0
116.0		0.00	1.43	22.271	37.638	207.5260.650	0.500	1.00	2.316	1.51	56.7	16.8	106.2
117.0		0.00	1.43	22.326	37.731	206.2590.650	0.500	1.00	2.300	1.50	56.4	16.7	105.4
118.0		0.00	1.43	22.380	37.823	204.9870.650	0.500	1.00	2.284	1.48	56.1	16.5	104.6
119.0		0.00	1.44	22.434	37.914	203.7100.650	0.500	1.00	2.268	1.47	55.9	16.4	103.8
120.0	Appertunance(s)	0.00	1.44	22.488	38.005	202.4260.650	0.500	1.00	2.251	1.46	55.6	16.3	103.1
121.0		0.00	1.45	22.541	38.095	201.1380.650	0.500	1.00	2.235	1.45	55.3	16.2	102.3
122.0		0.00	1.45	22.594	38.185	199.8440.650	0.500	1.00	2.219	1.44	55.1	16.1	101.5
123.0		0.00	1.45	22.647	38.274	198.5450.650	0.500	1.00	2.202	1.43	54.8	15.9	100.7
124.0		0.00	1.46	22.700	38.362	197.2410.650	0.500	1.00	2.186	1.42	54.5	15.8	99.9
124.9	Bot - Section 4	0.00	1.46	22.752	38.450	195.9400.650	0.500	0.99	2.157	1.40	53.9	15.6	98.5
125.0		0.00	1.46	22.752	38.451	195.9320.650	0.500	0.01	0.014	0.01	0.3	0.1	1.0
126.0		0.00	1.46	22.804	38.538	194.6180.650	0.500	1.00	2.195	1.43	55.0	15.9	166.4
127.0		0.00	1.47	22.855	38.625	193.2980.650	0.500	1.00	2.179	1.42	54.7	15.8	165.1
128.0		0.00	1.47	22.907	38.712	191.9740.650	0.500	1.00	2.163	1.41	54.4	15.6	163.8
128.6	Top - Section 3	0.00	1.47	22.941	38.771	191.0690.650	0.500	0.68	1.464	0.95	36.9	10.6	110.9
129.0		0.00	1.47	22.958	38.798	194.5910.650	0.500	0.32	0.682	0.44	17.2	4.9	26.0
130.0		0.00	1.48	23.008	38.884	193.2610.650	0.500	1.00	2.130	1.38	53.8	15.4	81.0
131.0	Appertunance(s)	0.00	1.48	23.059	38.969	191.9270.650	0.500	1.00	2.114	1.37	53.5	15.3	80.4
132.0		0.00	1.48	23.109	39.054	190.5880.650	0.500	1.00	2.097	1.36	53.2	15.2	79.7
133.0	Appertunance(s)	0.00	1.48	23.159	39.138	189.2440.650	0.500	1.00	2.081	1.35	52.9	15.0	79.1
134.0		0.00	1.49	23.208	39.222	187.8960.650	0.500	1.00	2.065	1.34	52.6	14.9	78.5
135.0		0.00	1.49	23.258	39.305	186.5430.650	0.500	1.00	2.049	1.33	52.3	14.8	77.8
136.0		0.00	1.49	23.307	39.388	185.1850.650	0.500	1.00	2.032	1.32	52.0	14.7	77.2
137.0	Appertunance(s)	0.00	1.50	23.356	39.471	183.8230.650	0.500	1.00	2.016	1.31	51.7	14.6	76.5
138.0		0.00	1.50	23.404	39.553	182.4570.650	0.500	1.00	2.000	1.30	51.4	14.4	75.9
139.0		0.00	1.50	23.453	39.635	181.0860.650	0.500	1.00	1.983	1.29	51.1	14.3	75.2
140.0		0.00	1.51	23.501	39.716	179.7100.650	0.500	1.00	1.967	1.28	50.8	14.2	74.6
141.0	Appertunance(s)	0.00	1.51	23.548	39.797	178.3310.650	0.500	1.00	1.951	1.27	50.5	14.1	73.9
142.0		0.00	1.51	23.596	39.877	176.9470.650	0.500	1.00	1.935	1.26	50.1	14.0	73.3
143.0		0.00	1.52	23.643	39.957	175.5590.650	0.500	1.00	1.918	1.25	49.8	13.8	72.6
144.0		0.00	1.52	23.691	40.037	174.1670.650	0.500	1.00	1.902	1.24	49.5	13.7	72.0
145.0		0.00	1.52	23.737	40.116	172.7700.650	0.500	1.00	1.886	1.23	49.2	13.6	71.3
146.0		0.00	1.52	23.784	40.195	171.3700.650	0.500	1.00	1.869	1.22	48.8	13.5	70.7
147.0		0.00	1.53	23.831	40.274	169.9660.650	0.500	1.00	1.853	1.20	48.5	13.4	70.0
147.9	Appertunance(s)	0.00	1.53	23.876	40.351	168.5710.650	0.500	0.99	1.819	1.18	47.7	13.1	68.7
148.0	Appertunance(s)	0.00	1.53	23.877	40.352	168.5570.650	0.500	0.01	0.018	0.01	0.5	0.1	0.7
Totals:							148.00				9,000.6	3,182.1	32,459.8

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

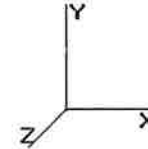
Discrete Appurtenance Segment Forces

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	19.662	33.229	0.33	0.26	0.000	0.000	8.77	0.00	0.00	3.50
75.00	Side Arm	1	19.662	33.229	1.00	7.00	0.000	0.000	232.60	0.00	0.00	230.00
100.0	Antel BCD-87010_4°	1	21.646	36.582	1.00	4.05	0.000	5.000	148.16	0.00	740.79	47.98
100.0	Side Arm	1	21.347	36.076	1.00	5.90	0.000	0.000	212.85	0.00	0.00	175.00
110.0	Flat Side Arm	2	21.936	37.072	0.90	12.60	0.000	0.000	467.10	0.00	0.00	460.00
110.0	Diamond X50A	2	22.094	37.339	1.00	3.26	0.000	2.800	121.72	0.00	340.83	114.40
120.0	RFS APXVTM14-C-I20	3	22.488	38.005	0.78	17.36	0.000	0.000	659.87	0.00	0.00	214.32
120.0	Alcatel-Lucent 2X50W	3	22.488	38.005	0.50	4.08	0.000	0.000	155.06	0.00	0.00	258.30
120.0	Alcatel-Lucent 4x40W	3	22.488	38.005	0.67	8.50	0.000	0.000	323.13	0.00	0.00	367.20
120.0	RFS APXVSP18-C-	3	22.488	38.005	0.67	18.25	0.000	0.000	693.62	0.00	0.00	319.50
120.0	Flat Low Profile Pla	1	22.488	38.005	1.00	31.60	0.000	0.000	1,200.95	0.00	0.00	1,700.00
120.0	Alcatel-LucentTD-RRH	3	22.488	38.005	0.67	8.50	0.000	0.000	323.13	0.00	0.00	367.20
131.0	Flat Low Profile Pla	1	23.059	38.969	1.00	31.60	0.000	0.000	1,231.43	0.00	0.00	1,700.00
131.0	48" x 12" Panel	9	23.159	39.138	0.67	37.33	0.000	2.000	1,460.86	0.00	2,921.72	567.00
131.0	72" x 12" Panel	3	23.159	39.138	0.67	18.55	0.000	2.000	726.10	0.00	1,452.21	261.00
133.0	KMW KMDAPS2040000	3	23.159	39.138	0.33	1.35	0.000	0.000	52.70	0.00	0.00	70.05
137.0	NextNet BTS-2500	3	23.356	39.471	0.33	2.41	0.000	0.000	94.96	0.00	0.00	144.90
137.0	Round Side Arm	1	23.356	39.471	1.00	5.90	0.000	0.000	232.88	0.00	0.00	175.00
137.0	Argus LLPX310R	3	23.356	39.471	0.62	9.97	0.000	0.000	393.51	0.00	0.00	163.50
137.0	DragonWave Horizon	1	23.356	39.471	0.33	0.19	0.000	0.000	7.55	0.00	0.00	17.00
137.0	DragonWave A-ANT-	1	23.356	39.471	1.00	9.42	0.000	0.000	371.82	0.00	0.00	101.80
141.0	Antel BXA-70063/6CF	3	23.643	39.957	0.64	16.42	0.000	2.000	655.94	0.00	1,311.88	168.00
141.0	Antel BXA-171063/8BF	3	23.643	39.957	0.90	9.10	0.000	2.000	363.57	0.00	727.14	89.40
141.0	Antel BXA-80080/6CF	2	23.643	39.957	0.65	11.35	0.000	2.000	453.48	0.00	906.95	134.60
141.0	RFS DB-T1-6Z-8AB-0Z	1	23.643	39.957	1.00	0.00	0.000	2.000	0.00	0.00	0.00	0.00
141.0	Flat Low Profile Pla	1	23.548	39.797	1.00	31.60	0.000	0.000	1,257.58	0.00	0.00	1,700.00
141.0	Antel BXA-70063/6CF	1	23.643	39.957	0.64	5.47	0.000	2.000	218.65	0.00	437.29	56.00
141.0	Antel BXA-80063-6BF-	1	23.643	39.957	0.78	7.08	0.000	2.000	282.99	0.00	565.99	70.60
141.0	RFS FD9R6004	6	23.643	39.957	0.33	0.99	0.000	2.000	39.56	0.00	79.12	32.40
141.0	Rymsa MGD3-800T0	3	23.643	39.957	0.69	8.24	0.000	2.000	329.19	0.00	658.39	119.67
147.9	Allgon 7770.00	6	24.059	40.660	0.64	24.69	0.000	4.000	1,003.93	0.00	4,015.73	408.00
147.9	Ericsson RRUS 11 (Ba	6	24.059	40.660	0.50	9.87	0.000	4.000	401.31	0.00	1,605.24	445.80
147.9	Powerwave LGP21401	12	24.059	40.660	0.33	6.06	0.000	4.000	246.35	0.00	985.39	255.12
147.9	Powerwave P65-16-	3	24.059	40.660	0.66	18.26	0.000	4.000	742.26	0.00	2,969.05	300.60
147.9	Raycap DC6-48-60-18-	1	24.059	40.660	1.00	1.67	0.000	4.000	67.90	0.00	271.61	49.50
147.9	Flat Platform w/ Han	1	23.876	40.351	1.00	48.40	0.000	0.000	1,952.98	0.00	0.00	2,450.00
148.0	Andrew E15S09P94	3	24.415	41.261	0.33	0.83	0.000	12.000	34.31	0.00	411.75	58.50
148.0	Andrew TMZXXX-6516-	1	24.415	41.261	0.57	7.00	0.000	12.000	288.80	0.00	3,465.66	85.00
148.0	Andrew ADFD1820-	2	24.415	41.261	0.62	8.31	0.000	12.000	342.79	0.00	4,113.51	108.00
148.0	RFS ATMAP1412D-	3	24.415	41.261	0.33	1.38	0.000	12.000	56.78	0.00	681.34	61.80
148.0	Pipe	1	23.877	40.352	1.00	0.00	0.000	0.000	0.00	0.00	0.00	0.00
									17,857.14			14,050.64

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

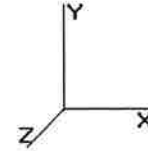
Linear Appurtenance Segment Forces

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	F X (lb)	Dead Load (lb)
1.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
2.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
3.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
4.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
5.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
6.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
6.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
6.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
6.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
6.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
6.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
6.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
6.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
7.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
7.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
7.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
7.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
7.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
7.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
7.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
7.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
8.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
8.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
8.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
8.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
8.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
8.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
8.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
8.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
9.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
9.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
9.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
9.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
9.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
9.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
9.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
9.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
9.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
10.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
10.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
10.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
10.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
10.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
10.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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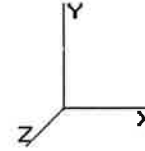
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

10.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
10.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
10.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
10.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
11.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
11.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
11.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
11.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
11.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
11.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
11.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
11.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
11.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
12.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
12.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
12.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
12.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
12.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
12.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
12.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
12.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
12.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
13.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
13.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
13.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
13.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
13.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
13.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
13.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
13.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
13.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
14.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
14.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
14.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
14.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
14.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
14.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
14.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
14.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
14.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
15.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
15.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
15.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
15.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
15.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
15.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
15.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
15.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
15.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
16.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
16.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice

77.94 mph Wind with Ice

29 Iterations

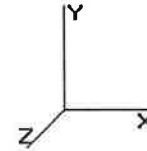
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

16.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
16.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
16.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
16.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
16.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
16.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
17.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
17.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
17.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
17.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
17.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
17.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
17.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
17.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
17.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
18.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
18.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
18.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
18.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
18.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
18.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
18.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
18.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
18.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
19.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
19.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
19.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
19.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
19.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
19.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
19.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
19.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
19.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
20.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
20.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
20.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
20.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
20.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
20.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
20.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
20.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
20.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
21.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
21.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
21.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
21.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
21.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
21.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
21.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
21.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
21.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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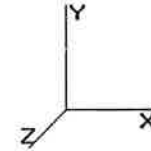
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

22.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
22.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
22.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
22.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
22.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
22.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
22.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
22.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
22.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
23.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
23.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
23.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
23.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
23.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
23.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
23.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
23.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
23.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
24.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
24.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
24.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
24.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
24.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
24.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
24.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
24.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
25.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
25.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
25.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
25.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
25.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
25.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
25.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
25.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
25.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
26.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
26.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
26.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
26.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
26.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
26.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
26.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
26.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
26.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
27.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
27.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
27.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
27.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
27.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
27.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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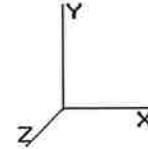
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

27.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
27.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
27.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
28.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
28.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
28.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
28.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
28.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
28.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
28.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
28.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
29.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
29.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
29.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
29.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
29.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
29.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
29.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
29.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
30.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
30.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
30.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
30.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
30.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
30.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
30.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
30.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
31.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
31.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
31.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
31.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
31.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
31.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
31.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
31.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
32.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
32.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
32.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00
32.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
32.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
32.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
32.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
32.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
32.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.551	7.88	4.92
33.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.551	7.88	0.00
33.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.551	7.88	0.15
33.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.551	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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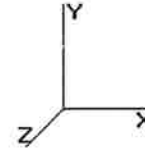
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

33.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
33.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.551	0.00	1.25
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.551	0.00	0.00
33.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.551	18.40	0.00
33.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
33.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.551	0.00	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.684	7.95	4.92
34.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.684	7.95	0.00
34.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.684	7.95	0.15
34.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.684	0.00	0.00
34.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.684	0.00	0.00
34.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.684	0.00	1.25
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.684	0.00	0.00
34.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.684	18.55	0.00
34.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.684	0.00	0.00
34.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.684	0.00	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.815	8.02	4.92
35.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.815	8.02	0.00
35.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.815	8.02	0.15
35.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.815	0.00	0.00
35.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.815	0.00	0.00
35.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.815	0.00	1.25
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.815	0.00	0.00
35.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.815	18.71	0.00
35.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.815	0.00	0.00
35.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.815	0.00	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	15.943	8.08	4.92
36.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	15.943	8.08	0.00
36.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	15.943	8.08	0.15
36.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	15.943	0.00	0.00
36.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.943	0.00	0.00
36.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	15.943	0.00	1.25
36.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.943	0.00	0.00
36.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	15.943	18.86	0.00
36.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	15.943	0.00	0.00
36.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	15.943	0.00	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.068	8.15	4.92
37.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.068	8.15	0.00
37.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.068	8.15	0.15
37.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.068	0.00	0.00
37.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.068	0.00	0.00
37.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.068	0.00	1.25
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.068	0.00	0.00
37.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	16.068	19.01	0.00
37.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.068	0.00	0.00
37.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.068	0.00	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.191	8.21	4.92
38.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.191	8.21	0.00
38.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.191	8.21	0.15
38.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.191	0.00	0.00
38.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.191	0.00	0.00
38.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.191	0.00	1.25
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.191	0.00	0.00
38.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	16.191	19.15	0.00
38.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.191	0.00	0.00
38.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.191	0.00	0.00
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.311	8.27	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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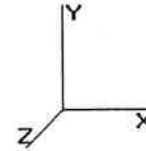
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

39.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.311	8.27	0.00
39.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.311	8.27	0.15
39.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.311	0.00	0.00
39.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.311	0.00	0.00
39.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.311	0.00	1.25
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.311	0.00	0.00
39.00	(4) DYWDAG	Yes	1.00	0.00	0.70	16.311	19.30	0.00
39.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.311	0.00	0.00
39.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.311	0.00	0.00
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.430	8.33	4.92
40.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.430	8.33	0.00
40.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.430	8.33	0.15
40.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.430	0.00	0.00
40.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.430	0.00	0.00
40.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.430	0.00	1.25
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.430	0.00	0.00
40.00	(4) DYWDAG	Yes	1.00	0.00	0.70	16.430	19.44	0.00
40.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.430	0.00	0.00
40.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.430	0.00	0.00
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.546	8.39	4.92
41.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.546	8.39	0.00
41.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.546	8.39	0.15
41.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.546	0.00	0.00
41.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.546	0.00	0.00
41.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.546	0.00	1.25
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.546	0.00	0.00
41.00	(4) DYWDAG	Yes	1.00	0.00	0.70	16.546	19.57	0.00
41.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.546	0.00	0.00
41.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.546	0.00	0.00
41.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.30	16.550	0.30	0.18
41.04	(1) 1 5/8" Hybriflex	Yes	0.04	0.00	0.30	16.550	0.30	0.00
41.04	(1) 1/2" Coax	Yes	0.04	0.15	0.30	16.550	0.30	0.01
41.04	(1) 2" Conduit	Yes	0.04	0.00	0.00	16.550	0.00	0.00
41.04	(9) 1 1/4" Coax	Yes	0.04	0.00	0.00	16.550	0.00	0.00
41.04	(3) 1 1/4" Hybriflex	Yes	0.04	1.25	0.00	16.550	0.00	0.05
41.04	(1) 1 1/4" Hybriflex	Yes	0.04	0.00	0.00	16.550	0.00	0.00
41.04	(4) DYWDAG	Yes	0.04	0.00	0.70	16.550	0.71	0.00
41.04	(1) 7/8" Coax	Yes	0.04	0.00	0.00	16.550	0.00	0.00
41.04	(1) 1/2" Coax	Yes	0.04	0.00	0.00	16.550	0.00	0.00
42.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.30	16.660	8.14	4.74
42.00	(1) 1 5/8" Hybriflex	Yes	0.96	0.00	0.30	16.660	8.14	0.00
42.00	(1) 1/2" Coax	Yes	0.96	0.15	0.30	16.660	8.14	0.14
42.00	(1) 2" Conduit	Yes	0.96	0.00	0.00	16.660	0.00	0.00
42.00	(9) 1 1/4" Coax	Yes	0.96	0.00	0.00	16.660	0.00	0.00
42.00	(3) 1 1/4" Hybriflex	Yes	0.96	1.25	0.00	16.660	0.00	1.20
42.00	(1) 1 1/4" Hybriflex	Yes	0.96	0.00	0.00	16.660	0.00	0.00
42.00	(4) DYWDAG	Yes	0.96	0.00	0.70	16.660	18.99	0.00
42.00	(1) 7/8" Coax	Yes	0.96	0.00	0.00	16.660	0.00	0.00
42.00	(1) 1/2" Coax	Yes	0.96	0.00	0.00	16.660	0.00	0.00
43.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.773	8.50	4.92
43.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.773	8.50	0.00
43.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.773	8.50	0.15
43.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.773	0.00	0.00
43.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.773	0.00	0.00
43.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.773	0.00	1.25
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.773	0.00	0.00
43.00	(4) DYWDAG	Yes	1.00	0.00	0.70	16.773	19.84	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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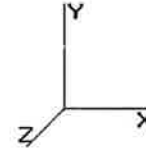
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor: 1.69		
Dead Load Factor: 1.00		
Wind Load Factor: 1.00		

43.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.773	0.00	0.00
43.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.773	0.00	0.00
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.883	8.56	4.92
44.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.883	8.56	0.00
44.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.883	8.56	0.15
44.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.883	0.00	0.00
44.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.883	0.00	0.00
44.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.883	0.00	1.25
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.883	0.00	0.00
44.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	16.883	19.97	0.00
44.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.883	0.00	0.00
44.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.883	0.00	0.00
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	16.992	8.61	4.92
45.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	16.992	8.61	0.00
45.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	16.992	8.61	0.15
45.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	16.992	0.00	0.00
45.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.992	0.00	0.00
45.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	16.992	0.00	1.25
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.992	0.00	0.00
45.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	16.992	20.10	0.00
45.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	16.992	0.00	0.00
45.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	16.992	0.00	0.00
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.099	8.67	4.92
46.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.099	8.67	0.00
46.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.099	8.67	0.15
46.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.099	0.00	0.00
46.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.099	0.00	0.00
46.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.099	0.00	1.25
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.099	0.00	0.00
46.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	17.099	20.23	0.00
46.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.099	0.00	0.00
46.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.099	0.00	0.00
46.63	(6) 1 5/8" Coax	Yes	0.63	4.92	0.30	17.166	5.48	3.10
46.63	(1) 1 5/8" Hybriflex	Yes	0.63	0.00	0.30	17.166	5.48	0.00
46.63	(1) 1/2" Coax	Yes	0.63	0.15	0.30	17.166	5.48	0.09
46.63	(1) 2" Conduit	Yes	0.63	0.00	0.00	17.166	0.00	0.00
46.63	(9) 1 1/4" Coax	Yes	0.63	0.00	0.00	17.166	0.00	0.00
46.63	(3) 1 1/4" Hybriflex	Yes	0.63	1.25	0.00	17.166	0.00	0.79
46.63	(1) 1 1/4" Hybriflex	Yes	0.63	0.00	0.00	17.166	0.00	0.00
46.63	(4) DYWIDAG	Yes	0.63	0.00	0.70	17.166	12.79	0.00
46.63	(1) 7/8" Coax	Yes	0.63	0.00	0.00	17.166	0.00	0.00
46.63	(1) 1/2" Coax	Yes	0.63	0.00	0.00	17.166	0.00	0.00
47.00	(6) 1 5/8" Coax	Yes	0.37	4.92	0.30	17.204	3.23	1.82
47.00	(1) 1 5/8" Hybriflex	Yes	0.37	0.00	0.30	17.204	3.23	0.00
47.00	(1) 1/2" Coax	Yes	0.37	0.15	0.30	17.204	3.23	0.06
47.00	(1) 2" Conduit	Yes	0.37	0.00	0.00	17.204	0.00	0.00
47.00	(9) 1 1/4" Coax	Yes	0.37	0.00	0.00	17.204	0.00	0.00
47.00	(3) 1 1/4" Hybriflex	Yes	0.37	1.25	0.00	17.204	0.00	0.46
47.00	(1) 1 1/4" Hybriflex	Yes	0.37	0.00	0.00	17.204	0.00	0.00
47.00	(4) DYWIDAG	Yes	0.37	0.00	0.70	17.204	7.53	0.00
47.00	(1) 7/8" Coax	Yes	0.37	0.00	0.00	17.204	0.00	0.00
47.00	(1) 1/2" Coax	Yes	0.37	0.00	0.00	17.204	0.00	0.00
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.308	8.78	4.92
48.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.308	8.78	0.00
48.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.308	8.78	0.15
48.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.308	0.00	0.00
48.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.308	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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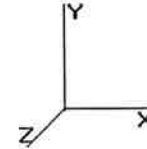
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor	1.69	
Dead Load Factor	1.00	
Wind Load Factor	1.00	

48.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.308	0.00	1.25
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.308	0.00	0.00
48.00	(4) DYWDAG	Yes	1.00	0.00	0.70	17.308	20.48	0.00
48.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.308	0.00	0.00
48.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.308	0.00	0.00
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.411	8.83	4.92
49.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.411	8.83	0.00
49.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.411	8.83	0.15
49.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.411	0.00	0.00
49.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.411	0.00	0.00
49.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.411	0.00	1.25
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.411	0.00	0.00
49.00	(4) DYWDAG	Yes	1.00	0.00	0.70	17.411	20.60	0.00
49.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.411	0.00	0.00
49.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.411	0.00	0.00
50.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.511	8.88	4.92
50.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.511	8.88	0.00
50.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.511	8.88	0.15
50.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.511	0.00	0.00
50.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.511	0.00	0.00
50.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.511	0.00	1.25
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.511	0.00	0.00
50.00	(4) DYWDAG	Yes	1.00	0.00	0.70	17.511	20.72	0.00
50.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.511	0.00	0.00
50.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.511	0.00	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.611	8.93	4.92
51.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.611	8.93	0.00
51.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.611	8.93	0.15
51.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.611	0.00	0.00
51.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.611	0.00	0.00
51.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.611	0.00	1.25
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.611	0.00	0.00
51.00	(4) DYWDAG	Yes	1.00	0.00	0.70	17.611	20.83	0.00
51.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.611	0.00	0.00
51.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.611	0.00	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.709	8.98	4.92
52.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.709	8.98	0.00
52.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.709	8.98	0.15
52.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.709	0.00	0.00
52.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.709	0.00	0.00
52.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.709	0.00	1.25
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.709	0.00	0.00
52.00	(4) DYWDAG	Yes	1.00	0.00	0.70	17.709	20.95	0.00
52.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.709	0.00	0.00
52.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.709	0.00	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.805	9.03	4.92
53.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.805	9.03	0.00
53.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.805	9.03	0.15
53.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.805	0.00	0.00
53.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.805	0.00	0.00
53.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.805	0.00	1.25
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.805	0.00	0.00
53.00	(4) DYWDAG	Yes	1.00	0.00	0.70	17.805	21.06	0.00
53.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.805	0.00	0.00
53.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.805	0.00	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.901	9.08	4.92
54.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.901	9.08	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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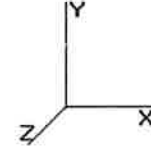
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

54.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.901	9.08	0.15
54.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.901	0.00	0.00
54.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.901	0.00	0.00
54.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.901	0.00	1.25
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.901	0.00	0.00
54.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	17.901	21.18	0.00
54.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.901	0.00	0.00
54.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.901	0.00	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	17.995	9.12	4.92
55.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	17.995	9.12	0.00
55.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	17.995	9.12	0.15
55.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	17.995	0.00	0.00
55.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.995	0.00	0.00
55.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	17.995	0.00	1.25
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.995	0.00	0.00
55.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	17.995	21.29	0.00
55.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	17.995	0.00	0.00
55.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	17.995	0.00	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.088	9.17	4.92
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.088	9.17	0.00
56.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.088	9.17	0.15
56.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.088	0.00	0.00
56.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.088	0.00	0.00
56.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.088	0.00	1.25
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.088	0.00	0.00
56.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.088	21.40	0.00
56.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.088	0.00	0.00
56.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.088	0.00	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.179	9.22	4.92
57.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.179	9.22	0.00
57.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.179	9.22	0.15
57.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.179	0.00	0.00
57.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.179	0.00	0.00
57.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.179	0.00	1.25
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.179	0.00	0.00
57.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.179	21.51	0.00
57.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.179	0.00	0.00
57.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.179	0.00	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.270	9.26	4.92
58.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.270	9.26	0.00
58.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.270	9.26	0.15
58.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.270	0.00	0.00
58.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.270	0.00	0.00
58.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.270	0.00	1.25
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.270	0.00	0.00
58.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.270	21.61	0.00
58.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.270	0.00	0.00
58.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.270	0.00	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.359	9.31	4.92
59.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.359	9.31	0.00
59.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.359	9.31	0.15
59.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.359	0.00	0.00
59.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.359	0.00	0.00
59.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.359	0.00	1.25
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.359	0.00	0.00
59.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.359	21.72	0.00
59.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.359	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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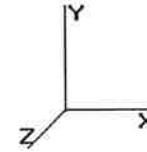
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

59.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.359	0.00	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.448	9.35	4.92
60.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.448	9.35	0.00
60.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.448	9.35	0.15
60.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.448	0.00	0.00
60.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.448	0.00	0.00
60.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.448	0.00	1.25
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.448	0.00	0.00
60.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.448	21.82	0.00
60.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.448	0.00	0.00
60.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.448	0.00	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.535	9.40	4.92
61.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.535	9.40	0.00
61.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.535	9.40	0.15
61.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.535	0.00	0.00
61.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.535	0.00	0.00
61.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.535	0.00	1.25
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.535	0.00	0.00
61.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.535	21.93	0.00
61.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.535	0.00	0.00
61.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.535	0.00	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.621	9.44	4.92
62.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.621	9.44	0.00
62.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.621	9.44	0.15
62.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.621	0.00	0.00
62.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.621	0.00	0.00
62.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.621	0.00	1.25
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.621	0.00	0.00
62.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.621	22.03	0.00
62.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.621	0.00	0.00
62.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.621	0.00	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.707	9.48	4.92
63.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.707	9.48	0.00
63.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.707	9.48	0.15
63.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.707	0.00	0.00
63.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.707	0.00	0.00
63.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.707	0.00	1.25
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.707	0.00	0.00
63.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.707	22.13	0.00
63.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.707	0.00	0.00
63.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.707	0.00	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.791	9.53	4.92
64.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.791	9.53	0.00
64.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.791	9.53	0.15
64.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.791	0.00	0.00
64.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.791	0.00	0.00
64.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.791	0.00	1.25
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.791	0.00	0.00
64.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.791	22.23	0.00
64.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.791	0.00	0.00
64.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.791	0.00	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.874	9.57	4.92
65.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.874	9.57	0.00
65.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.874	9.57	0.15
65.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.874	0.00	0.00
65.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.874	0.00	0.00
65.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.874	0.00	1.25

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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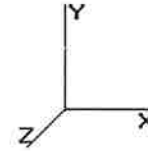
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

65.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.874	0.00	0.00
65.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.874	22.33	0.00
65.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.874	0.00	0.00
65.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.874	0.00	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	18.957	9.61	4.92
66.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	18.957	9.61	0.00
66.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	18.957	9.61	0.15
66.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	18.957	0.00	0.00
66.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	18.957	0.00	0.00
66.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	18.957	0.00	1.25
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.957	0.00	0.00
66.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	18.957	22.43	0.00
66.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	18.957	0.00	0.00
66.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	18.957	0.00	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.039	9.65	4.92
67.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.039	9.65	0.00
67.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.039	9.65	0.15
67.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.039	0.00	0.00
67.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.039	0.00	0.00
67.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.039	0.00	1.25
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.039	0.00	0.00
67.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.039	22.52	0.00
67.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.039	0.00	0.00
67.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.039	0.00	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.119	9.69	4.92
68.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.119	9.69	0.00
68.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.119	9.69	0.15
68.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.119	0.00	0.00
68.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.119	0.00	0.00
68.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.119	0.00	1.25
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.119	0.00	0.00
68.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.119	22.62	0.00
68.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.119	0.00	0.00
68.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.119	0.00	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.199	9.73	4.92
69.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.199	9.73	0.00
69.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.199	9.73	0.15
69.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.199	0.00	0.00
69.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.199	0.00	0.00
69.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.199	0.00	1.25
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.199	0.00	0.00
69.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.199	22.71	0.00
69.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.199	0.00	0.00
69.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.199	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.278	9.77	4.92
70.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.278	9.77	0.00
70.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.278	9.77	0.15
70.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.278	0.00	0.00
70.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.278	0.00	0.00
70.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.278	0.00	1.25
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.278	0.00	0.00
70.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.278	22.81	0.00
70.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.278	0.00	0.00
70.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.278	0.00	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.357	9.81	4.92
71.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.357	9.81	0.00
71.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.357	9.81	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice

77.94 mph Wind with Ice

29 Iterations

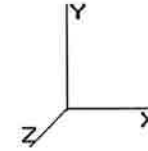
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

71.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.357	0.00	0.00
71.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.357	0.00	0.00
71.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.357	0.00	1.25
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.357	0.00	0.00
71.00	(4) DYWDAG	Yes	1.00	0.00	0.70	19.357	22.90	0.00
71.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.357	0.00	0.00
71.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.357	0.00	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.434	9.85	4.92
72.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.434	9.85	0.00
72.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.434	9.85	0.15
72.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.434	0.00	0.00
72.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.434	0.00	0.00
72.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.434	0.00	1.25
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.434	0.00	0.00
72.00	(4) DYWDAG	Yes	1.00	0.00	0.70	19.434	22.99	0.00
72.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.434	0.00	0.00
72.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.434	0.00	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.511	9.89	4.92
73.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.511	9.89	0.00
73.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.511	9.89	0.15
73.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.511	0.00	0.00
73.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.511	0.00	0.00
73.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.511	0.00	1.25
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.511	0.00	0.00
73.00	(4) DYWDAG	Yes	1.00	0.00	0.70	19.511	23.08	0.00
73.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.511	0.00	0.00
73.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.511	0.00	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.587	9.93	4.92
74.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.587	9.93	0.00
74.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.587	9.93	0.15
74.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.587	0.00	0.00
74.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.587	0.00	0.00
74.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.587	0.00	1.25
74.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.587	0.00	0.00
74.00	(4) DYWDAG	Yes	1.00	0.00	0.70	19.587	23.17	0.00
74.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.587	0.00	0.00
74.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.587	0.00	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.662	9.97	4.92
75.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.662	9.97	0.00
75.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.662	9.97	0.15
75.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.662	0.00	0.00
75.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.662	0.00	0.00
75.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.662	0.00	1.25
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.662	0.00	0.00
75.00	(4) DYWDAG	Yes	1.00	0.00	0.70	19.662	23.26	0.00
75.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.662	0.00	0.00
75.00	(1) 1/2" Coax	Yes	1.00	0.00	0.00	19.662	0.00	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.737	10.01	4.92
76.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.737	10.01	0.00
76.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.737	10.01	0.15
76.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.737	0.00	0.00
76.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.737	0.00	0.00
76.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.737	0.00	1.25
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.737	0.00	0.00
76.00	(4) DYWDAG	Yes	1.00	0.00	0.70	19.737	23.35	0.00
76.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.737	0.00	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.811	10.04	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice

77.94 mph Wind with Ice

29 Iterations

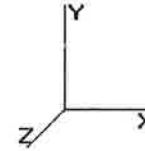
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

77.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.811	10.04	0.00
77.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.811	10.04	0.15
77.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.811	0.00	0.00
77.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.811	0.00	0.00
77.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.811	0.00	1.25
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.811	0.00	0.00
77.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.811	23.44	0.00
77.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.811	0.00	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.884	10.08	4.92
78.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.884	10.08	0.00
78.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.884	10.08	0.15
78.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.884	0.00	0.00
78.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.884	0.00	0.00
78.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.884	0.00	1.25
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.884	0.00	0.00
78.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.884	23.52	0.00
78.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.884	0.00	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	19.956	10.12	4.92
79.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	19.956	10.12	0.00
79.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	19.956	10.12	0.15
79.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	19.956	0.00	0.00
79.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	19.956	0.00	0.00
79.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	19.956	0.00	1.25
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.956	0.00	0.00
79.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	19.956	23.61	0.00
79.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	19.956	0.00	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.028	10.15	4.92
80.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.028	10.15	0.00
80.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.028	10.15	0.15
80.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.028	0.00	0.00
80.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.028	0.00	0.00
80.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.028	0.00	1.25
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.028	0.00	0.00
80.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.028	23.69	0.00
80.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.028	0.00	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.099	10.19	4.92
81.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.099	10.19	0.00
81.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.099	10.19	0.15
81.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.099	0.00	0.00
81.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.099	0.00	0.00
81.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.099	0.00	1.25
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.099	0.00	0.00
81.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.099	23.78	0.00
81.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.099	0.00	0.00
81.49	(6) 1 5/8" Coax	Yes	0.49	4.92	0.30	20.134	5.02	2.42
81.49	(1) 1 5/8" Hybriflex	Yes	0.49	0.00	0.30	20.134	5.02	0.00
81.49	(1) 1/2" Coax	Yes	0.49	0.15	0.30	20.134	5.02	0.07
81.49	(1) 2" Conduit	Yes	0.49	0.00	0.00	20.134	0.00	0.00
81.49	(9) 1 1/4" Coax	Yes	0.49	0.00	0.00	20.134	0.00	0.00
81.49	(3) 1 1/4" Hybriflex	Yes	0.49	1.25	0.00	20.134	0.00	0.61
81.49	(1) 1 1/4" Hybriflex	Yes	0.49	0.00	0.00	20.134	0.00	0.00
81.49	(4) DYWIDAG	Yes	0.49	0.00	0.70	20.134	11.71	0.00
81.49	(1) 7/8" Coax	Yes	0.49	0.00	0.00	20.134	0.00	0.00
82.00	(6) 1 5/8" Coax	Yes	0.51	4.92	0.30	20.170	5.20	2.50
82.00	(1) 1 5/8" Hybriflex	Yes	0.51	0.00	0.30	20.170	5.20	0.00
82.00	(1) 1/2" Coax	Yes	0.51	0.15	0.30	20.170	5.20	0.08
82.00	(1) 2" Conduit	Yes	0.51	0.00	0.00	20.170	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice **77.94 mph Wind with Ice** **29 Iterations**

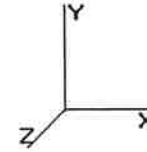
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

82.00	(9) 1 1/4" Coax	Yes	0.51	0.00	0.00	20.170	0.00	0.00
82.00	(3) 1 1/4" Hybriflex	Yes	0.51	1.25	0.00	20.170	0.00	0.64
82.00	(1) 1 1/4" Hybriflex	Yes	0.51	0.00	0.00	20.170	0.00	0.00
82.00	(4) DYWDAG	Yes	0.51	0.00	0.70	20.170	12.13	0.00
82.00	(1) 7/8" Coax	Yes	0.51	0.00	0.00	20.170	0.00	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.240	10.26	4.92
83.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.240	10.26	0.00
83.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.240	10.26	0.15
83.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.240	0.00	0.00
83.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.240	0.00	0.00
83.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.240	0.00	1.25
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.240	0.00	0.00
83.00	(4) DYWDAG	Yes	1.00	0.00	0.70	20.240	23.94	0.00
83.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.240	0.00	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.309	10.30	4.92
84.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.309	10.30	0.00
84.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.309	10.30	0.15
84.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.309	0.00	0.00
84.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.309	0.00	0.00
84.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.309	0.00	1.25
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.309	0.00	0.00
84.00	(4) DYWDAG	Yes	1.00	0.00	0.70	20.309	24.03	0.00
84.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.309	0.00	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.378	10.33	4.92
85.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.378	10.33	0.00
85.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.378	10.33	0.15
85.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.378	0.00	0.00
85.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.378	0.00	0.00
85.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.378	0.00	1.25
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.378	0.00	0.00
85.00	(4) DYWDAG	Yes	1.00	0.00	0.70	20.378	24.11	0.00
85.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.378	0.00	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.446	10.37	4.92
86.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.446	10.37	0.00
86.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.446	10.37	0.15
86.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.446	0.00	0.00
86.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.446	0.00	0.00
86.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.446	0.00	1.25
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.446	0.00	0.00
86.00	(4) DYWDAG	Yes	1.00	0.00	0.70	20.446	24.19	0.00
86.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.446	0.00	0.00
86.18	(6) 1 5/8" Coax	Yes	0.18	4.92	0.30	20.458	1.83	0.87
86.18	(1) 1 5/8" Hybriflex	Yes	0.18	0.00	0.30	20.458	1.83	0.00
86.18	(1) 1/2" Coax	Yes	0.18	0.15	0.30	20.458	1.83	0.03
86.18	(1) 2" Conduit	Yes	0.18	0.00	0.00	20.458	0.00	0.00
86.18	(9) 1 1/4" Coax	Yes	0.18	0.00	0.00	20.458	0.00	0.00
86.18	(3) 1 1/4" Hybriflex	Yes	0.18	1.25	0.00	20.458	0.00	0.22
86.18	(1) 1 1/4" Hybriflex	Yes	0.18	0.00	0.00	20.458	0.00	0.00
86.18	(4) DYWDAG	Yes	0.18	0.00	0.70	20.458	4.27	0.00
86.18	(1) 7/8" Coax	Yes	0.18	0.00	0.00	20.458	0.00	0.00
87.00	(6) 1 5/8" Coax	Yes	0.82	4.92	0.30	20.514	8.57	4.05
87.00	(1) 1 5/8" Hybriflex	Yes	0.82	0.00	0.30	20.514	8.57	0.00
87.00	(1) 1/2" Coax	Yes	0.82	0.15	0.30	20.514	8.57	0.12
87.00	(1) 2" Conduit	Yes	0.82	0.00	0.00	20.514	0.00	0.00
87.00	(9) 1 1/4" Coax	Yes	0.82	0.00	0.00	20.514	0.00	0.00
87.00	(3) 1 1/4" Hybriflex	Yes	0.82	1.25	0.00	20.514	0.00	1.03
87.00	(1) 1 1/4" Hybriflex	Yes	0.82	0.00	0.00	20.514	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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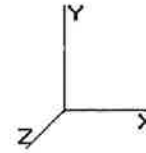
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

87.00	(4) DYWIDAG	Yes	0.82	0.00	0.70	20.514	19.99	0.00
87.00	(1) 7/8" Coax	Yes	0.82	0.00	0.00	20.514	0.00	0.00
88.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.581	10.43	4.92
88.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.581	10.43	0.00
88.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.581	10.43	0.15
88.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.581	0.00	0.00
88.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.581	0.00	0.00
88.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.581	0.00	1.25
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.581	0.00	0.00
88.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.581	24.35	0.00
88.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.581	0.00	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.648	10.47	4.92
89.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.648	10.47	0.00
89.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.648	10.47	0.15
89.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.648	0.00	0.00
89.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.648	0.00	0.00
89.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.648	0.00	1.25
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.648	0.00	0.00
89.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.648	24.43	0.00
89.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.648	0.00	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.714	10.50	4.92
90.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.714	10.50	0.00
90.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.714	10.50	0.15
90.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.714	0.00	0.00
90.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.714	0.00	0.00
90.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.714	0.00	1.25
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.714	0.00	0.00
90.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.714	24.50	0.00
90.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.714	0.00	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.779	10.53	4.92
91.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.779	10.53	0.00
91.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.779	10.53	0.15
91.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.779	0.00	0.00
91.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.779	0.00	0.00
91.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.779	0.00	1.25
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.779	0.00	0.00
91.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.779	24.58	0.00
91.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.779	0.00	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.844	10.57	4.92
92.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.844	10.57	0.00
92.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.844	10.57	0.15
92.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.844	0.00	0.00
92.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.844	0.00	0.00
92.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.844	0.00	1.25
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.844	0.00	0.00
92.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.844	24.66	0.00
92.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.844	0.00	0.00
93.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.909	10.60	4.92
93.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.909	10.60	0.00
93.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.909	10.60	0.15
93.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.909	0.00	0.00
93.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.909	0.00	0.00
93.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.909	0.00	1.25
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.909	0.00	0.00
93.00	(4) DYWIDAG	Yes	1.00	0.00	0.70	20.909	24.73	0.00
93.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.909	0.00	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	20.973	10.63	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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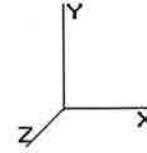
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

94.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	20.973	10.63	0.00
94.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	20.973	10.63	0.15
94.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	20.973	0.00	0.00
94.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	20.973	0.00	0.00
94.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	20.973	0.00	1.25
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	20.973	0.00	0.00
94.00	(4) DYWDAG	Yes	1.00	0.00	0.70	20.973	24.81	0.00
94.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	20.973	0.00	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.036	10.67	4.92
95.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.036	10.67	0.00
95.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.036	10.67	0.15
95.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.036	0.00	0.00
95.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.036	0.00	0.00
95.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.036	0.00	1.25
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.036	0.00	0.00
95.00	(4) DYWDAG	Yes	1.00	0.00	0.70	21.036	24.89	0.00
95.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	21.036	0.00	0.00
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.099	10.70	4.92
96.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.099	10.70	0.00
96.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.099	10.70	0.15
96.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.099	0.00	0.00
96.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.099	0.00	0.00
96.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.099	0.00	1.25
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.099	0.00	0.00
96.00	(4) DYWDAG	Yes	1.00	0.00	0.70	21.099	24.96	0.00
96.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	21.099	0.00	0.00
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.162	10.73	4.92
97.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.162	10.73	0.00
97.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.162	10.73	0.15
97.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.162	0.00	0.00
97.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.162	0.00	0.00
97.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.162	0.00	1.25
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.162	0.00	0.00
97.00	(4) DYWDAG	Yes	1.00	0.00	0.70	21.162	25.03	0.00
97.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	21.162	0.00	0.00
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.224	10.76	4.92
98.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.224	10.76	0.00
98.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.224	10.76	0.15
98.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.224	0.00	0.00
98.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.224	0.00	0.00
98.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.224	0.00	1.25
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.224	0.00	0.00
98.00	(4) DYWDAG	Yes	1.00	0.00	0.70	21.224	25.11	0.00
98.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	21.224	0.00	0.00
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.285	10.79	4.92
99.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.285	10.79	0.00
99.00	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.285	10.79	0.15
99.00	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.285	0.00	0.00
99.00	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.285	0.00	0.00
99.00	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.285	0.00	1.25
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.285	0.00	0.00
99.00	(4) DYWDAG	Yes	1.00	0.00	0.70	21.285	25.18	0.00
99.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	21.285	0.00	0.00
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.347	10.82	4.92
100.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.347	10.82	0.00
100.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.347	10.82	0.15
100.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.347	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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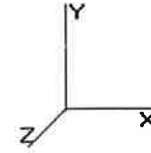
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Load Case: Ice		77.94 mph Wind with Ice				29 Iterations		
Gust Response Factor 1.69								
Dead Load Factor : 1.00								
Wind Load Factor : 1.00								
100.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.347	0.00	0.00
100.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.347	0.00	1.25
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.347	0.00	0.00
100.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.347	25.25	0.00
100.0	(1) 7/8" Coax	Yes	1.00	0.00	0.00	21.347	0.00	0.00
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.407	10.85	4.92
101.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.407	10.85	0.00
101.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.407	10.85	0.15
101.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.407	0.00	0.00
101.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.407	0.00	0.00
101.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.407	0.00	1.25
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.407	0.00	0.00
101.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.407	25.32	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.468	10.88	4.92
102.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.468	10.88	0.00
102.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.468	10.88	0.15
102.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.468	0.00	0.00
102.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.468	0.00	0.00
102.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.468	0.00	1.25
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.468	0.00	0.00
102.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.468	25.40	0.00
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.528	10.91	4.92
103.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.528	10.91	0.00
103.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.528	10.91	0.15
103.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.528	0.00	0.00
103.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.528	0.00	0.00
103.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.528	0.00	1.25
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.528	0.00	0.00
103.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.528	25.47	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.587	10.94	4.92
104.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.587	10.94	0.00
104.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.587	10.94	0.15
104.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.587	0.00	0.00
104.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.587	0.00	0.00
104.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.587	0.00	1.25
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.587	0.00	0.00
104.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.587	25.54	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.646	10.97	4.92
105.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.646	10.97	0.00
105.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.646	10.97	0.15
105.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.646	0.00	0.00
105.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.646	0.00	0.00
105.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.646	0.00	1.25
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.646	0.00	0.00
105.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.646	25.61	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.705	11.00	4.92
106.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.705	11.00	0.00
106.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.705	11.00	0.15
106.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.705	0.00	0.00
106.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.705	0.00	0.00
106.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.705	0.00	1.25
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.705	0.00	0.00
106.0	(4) DYWIDAG	Yes	1.00	0.00	0.70	21.705	25.68	0.00
107.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.763	11.03	4.92
107.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.763	11.03	0.00
107.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.763	11.03	0.15
107.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.763	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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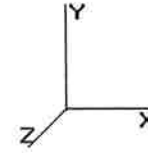
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

107.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.763	0.00	0.00
107.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.763	0.00	1.25
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.763	0.00	0.00
107.0	(4) DYWDAG	Yes	1.00	0.00	0.70	21.763	25.75	0.00
108.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.821	11.06	4.92
108.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.821	11.06	0.00
108.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.821	11.06	0.15
108.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.821	0.00	0.00
108.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.821	0.00	0.00
108.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.821	0.00	1.25
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.821	0.00	0.00
108.0	(4) DYWDAG	Yes	1.00	0.00	0.70	21.821	25.81	0.00
108.7	(6) 1 5/8" Coax	Yes	0.75	4.92	0.30	21.864	8.31	3.69
108.7	(1) 1 5/8" Hybriflex	Yes	0.75	0.00	0.30	21.864	8.31	0.00
108.7	(1) 1/2" Coax	Yes	0.75	0.15	0.30	21.864	8.31	0.11
108.7	(1) 2" Conduit	Yes	0.75	0.00	0.00	21.864	0.00	0.00
108.7	(9) 1 1/4" Coax	Yes	0.75	0.00	0.00	21.864	0.00	0.00
108.7	(3) 1 1/4" Hybriflex	Yes	0.75	1.25	0.00	21.864	0.00	0.94
108.7	(1) 1 1/4" Hybriflex	Yes	0.75	0.00	0.00	21.864	0.00	0.00
108.7	(4) DYWDAG	Yes	0.75	0.00	0.70	21.864	19.40	0.00
109.0	(6) 1 5/8" Coax	Yes	0.25	4.92	0.30	21.879	2.77	1.23
109.0	(1) 1 5/8" Hybriflex	Yes	0.25	0.00	0.30	21.879	2.77	0.00
109.0	(1) 1/2" Coax	Yes	0.25	0.15	0.30	21.879	2.77	0.04
109.0	(1) 2" Conduit	Yes	0.25	0.00	0.00	21.879	0.00	0.00
109.0	(9) 1 1/4" Coax	Yes	0.25	0.00	0.00	21.879	0.00	0.00
109.0	(3) 1 1/4" Hybriflex	Yes	0.25	1.25	0.00	21.879	0.00	0.31
109.0	(1) 1 1/4" Hybriflex	Yes	0.25	0.00	0.00	21.879	0.00	0.00
109.0	(4) DYWDAG	Yes	0.25	0.00	0.70	21.879	6.47	0.00
110.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.936	11.12	4.92
110.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.936	11.12	0.00
110.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.936	11.12	0.15
110.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.936	0.00	0.00
110.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.936	0.00	0.00
110.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.936	0.00	1.25
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.936	0.00	0.00
110.0	(4) DYWDAG	Yes	1.00	0.00	0.70	21.936	25.95	0.00
111.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	21.993	11.15	4.92
111.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	21.993	11.15	0.00
111.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	21.993	11.15	0.15
111.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	21.993	0.00	0.00
111.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	21.993	0.00	0.00
111.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	21.993	0.00	1.25
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	21.993	0.00	0.00
111.0	(4) DYWDAG	Yes	1.00	0.00	0.70	21.993	26.02	0.00
112.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.049	11.18	4.92
112.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.049	11.18	0.00
112.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.049	11.18	0.15
112.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.049	0.00	0.00
112.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.049	0.00	0.00
112.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.049	0.00	1.25
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.049	0.00	0.00
112.0	(4) DYWDAG	Yes	1.00	0.00	0.70	22.049	26.08	0.00
113.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.105	11.21	4.92
113.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.105	11.21	0.00
113.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.105	11.21	0.15
113.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.105	0.00	0.00
113.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.105	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice 77.94 mph Wind with Ice 29 Iterations

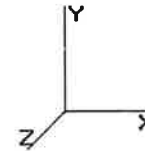
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

113.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.105	0.00	1.25
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.105	0.00	0.00
113.0	(4) DYWDAG	Yes	1.00	0.00	0.70	22.105	26.15	0.00
114.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.161	11.24	4.92
114.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.161	11.24	0.00
114.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.161	11.24	0.15
114.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.161	0.00	0.00
114.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.161	0.00	0.00
114.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.161	0.00	1.25
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.161	0.00	0.00
114.0	(4) DYWDAG	Yes	0.25	0.00	0.70	22.161	6.55	0.00
115.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.216	11.26	4.92
115.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.216	11.26	0.00
115.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.216	11.26	0.15
115.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.216	0.00	0.00
115.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.216	0.00	0.00
115.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.216	0.00	1.25
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.216	0.00	0.00
116.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.271	11.29	4.92
116.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.271	11.29	0.00
116.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.271	11.29	0.15
116.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.271	0.00	0.00
116.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.271	0.00	0.00
116.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.271	0.00	1.25
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.271	0.00	0.00
117.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.326	11.32	4.92
117.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.326	11.32	0.00
117.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.326	11.32	0.15
117.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.326	0.00	0.00
117.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.326	0.00	0.00
117.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.326	0.00	1.25
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.326	0.00	0.00
118.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.380	11.35	4.92
118.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.380	11.35	0.00
118.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.380	11.35	0.15
118.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.380	0.00	0.00
118.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.380	0.00	0.00
118.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.380	0.00	1.25
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.380	0.00	0.00
119.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.434	11.37	4.92
119.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.434	11.37	0.00
119.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.434	11.37	0.15
119.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.434	0.00	0.00
119.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.434	0.00	0.00
119.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.434	0.00	1.25
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.434	0.00	0.00
120.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.488	11.40	4.92
120.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.488	11.40	0.00
120.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.488	11.40	0.15
120.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.488	0.00	0.00
120.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.488	0.00	0.00
120.0	(3) 1 1/4" Hybriflex	Yes	1.00	1.25	0.00	22.488	0.00	1.25
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	22.488	0.00	0.00
121.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.541	11.43	4.92
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.541	11.43	0.00
121.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.541	11.43	0.15
121.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.541	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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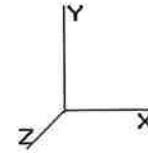
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

121.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.541	0.00	0.00
122.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.594	11.46	4.92
122.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.594	11.46	0.00
122.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.594	11.46	0.15
122.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.594	0.00	0.00
122.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.594	0.00	0.00
123.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.647	11.48	4.92
123.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.647	11.48	0.00
123.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.647	11.48	0.15
123.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.647	0.00	0.00
123.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.647	0.00	0.00
124.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.700	11.51	4.92
124.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.700	11.51	0.00
124.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.700	11.51	0.15
124.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.700	0.00	0.00
124.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.700	0.00	0.00
124.9	(6) 1 5/8" Coax	Yes	0.99	4.92	0.30	22.752	11.46	4.89
124.9	(1) 1 5/8" Hybriflex	Yes	0.99	0.00	0.30	22.752	11.46	0.00
124.9	(1) 1/2" Coax	Yes	0.99	0.15	0.30	22.752	11.46	0.15
124.9	(1) 2" Conduit	Yes	0.99	0.00	0.00	22.752	0.00	0.00
124.9	(9) 1 1/4" Coax	Yes	0.99	0.00	0.00	22.752	0.00	0.00
125.0	(6) 1 5/8" Coax	Yes	0.01	4.92	0.30	22.752	0.07	0.03
125.0	(1) 1 5/8" Hybriflex	Yes	0.01	0.00	0.30	22.752	0.07	0.00
125.0	(1) 1/2" Coax	Yes	0.01	0.15	0.30	22.752	0.07	0.00
125.0	(1) 2" Conduit	Yes	0.01	0.00	0.00	22.752	0.00	0.00
125.0	(9) 1 1/4" Coax	Yes	0.01	0.00	0.00	22.752	0.00	0.00
126.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.804	11.56	4.92
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.804	11.56	0.00
126.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.804	11.56	0.15
126.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.804	0.00	0.00
126.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.804	0.00	0.00
127.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.855	11.59	4.92
127.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.855	11.59	0.00
127.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.855	11.59	0.15
127.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.855	0.00	0.00
127.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.855	0.00	0.00
128.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	22.907	11.61	4.92
128.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	22.907	11.61	0.00
128.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	22.907	11.61	0.15
128.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	22.907	0.00	0.00
128.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	22.907	0.00	0.00
128.6	(6) 1 5/8" Coax	Yes	0.68	4.92	0.30	22.941	7.93	3.35
128.6	(1) 1 5/8" Hybriflex	Yes	0.68	0.00	0.30	22.941	7.93	0.00
128.6	(1) 1/2" Coax	Yes	0.68	0.15	0.30	22.941	7.93	0.10
128.6	(1) 2" Conduit	Yes	0.68	0.00	0.00	22.941	0.00	0.00
128.6	(9) 1 1/4" Coax	Yes	0.68	0.00	0.00	22.941	0.00	0.00
129.0	(6) 1 5/8" Coax	Yes	0.32	4.92	0.30	22.958	3.71	1.57
129.0	(1) 1 5/8" Hybriflex	Yes	0.32	0.00	0.30	22.958	3.71	0.00
129.0	(1) 1/2" Coax	Yes	0.32	0.15	0.30	22.958	3.71	0.05
129.0	(1) 2" Conduit	Yes	0.32	0.00	0.00	22.958	0.00	0.00
129.0	(9) 1 1/4" Coax	Yes	0.32	0.00	0.00	22.958	0.00	0.00
130.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.008	11.67	4.92
130.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.008	11.67	0.00
130.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.008	11.67	0.15
130.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.008	0.00	0.00
130.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	23.008	0.00	0.00
131.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.059	11.69	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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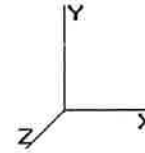
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

131.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.059	11.69	0.00
131.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.059	11.69	0.15
131.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.059	0.00	0.00
131.0	(9) 1 1/4" Coax	Yes	1.00	0.00	0.00	23.059	0.00	0.00
132.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.109	11.72	4.92
132.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.109	11.72	0.00
132.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.109	11.72	0.15
132.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.109	0.00	0.00
133.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.159	11.74	4.92
133.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.159	11.74	0.00
133.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.159	11.74	0.15
133.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.159	0.00	0.00
134.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.208	11.77	4.92
134.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.208	11.77	0.00
134.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.208	11.77	0.15
134.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.208	0.00	0.00
135.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.258	11.79	4.92
135.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.258	11.79	0.00
135.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.258	11.79	0.15
135.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.258	0.00	0.00
136.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.307	11.82	4.92
136.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.307	11.82	0.00
136.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.307	11.82	0.15
136.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.307	0.00	0.00
137.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.356	11.84	4.92
137.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.356	11.84	0.00
137.0	(1) 1/2" Coax	Yes	1.00	0.15	0.30	23.356	11.84	0.15
137.0	(1) 2" Conduit	Yes	1.00	0.00	0.00	23.356	0.00	0.00
138.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.404	11.87	4.92
138.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.404	11.87	0.00
139.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.453	11.89	4.92
139.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.453	11.89	0.00
140.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.501	11.91	4.92
140.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.501	11.91	0.00
141.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.548	11.94	4.92
141.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.00	0.30	23.548	11.94	0.00
142.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.596	11.96	4.92
143.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.643	11.99	4.92
144.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.691	12.01	4.92
145.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.737	12.03	4.92
146.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.784	12.06	4.92
147.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.30	23.831	12.08	4.92
147.9	(6) 1 5/8" Coax	Yes	0.99	4.92	0.30	23.876	11.98	4.87
148.0	(6) 1 5/8" Coax	Yes	0.01	4.92	0.30	23.877	0.12	0.05
Totals:							6,469.31	867.11

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

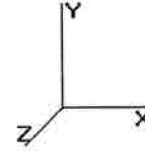
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	88.01	320.88	0.00	0.00
2.00	87.73	319.84	0.00	0.00
3.00	87.46	318.79	0.00	0.00
4.00	87.18	317.75	0.00	0.00
5.00	86.90	316.70	0.00	0.00
6.00	110.27	353.47	0.00	0.00
7.00	110.00	352.43	0.00	0.00
8.00	109.72	351.38	0.00	0.00
9.00	109.44	350.34	0.00	0.00
10.00	109.16	349.29	0.00	0.00
11.00	108.88	348.25	0.00	0.00
12.00	108.60	347.20	0.00	0.00
13.00	108.33	346.16	0.00	0.00
14.00	108.05	345.12	0.00	0.00
15.00	107.77	344.07	0.00	0.00
16.00	107.49	343.03	0.00	0.00
17.00	107.21	341.98	0.00	0.00
18.00	106.94	340.94	0.00	0.00
19.00	106.66	339.89	0.00	0.00
20.00	106.38	338.85	0.00	0.00
21.00	106.10	337.81	0.00	0.00
22.00	105.82	336.76	0.00	0.00
23.00	105.54	335.72	0.00	0.00
24.00	105.27	334.67	0.00	0.00
25.00	104.99	333.63	0.00	0.00
26.00	104.71	332.58	0.00	0.00
27.00	104.43	331.54	0.00	0.00
28.00	104.15	330.50	0.00	0.00
29.00	103.87	329.45	0.00	0.00
30.00	103.60	328.41	0.00	0.00
31.00	103.32	327.36	0.00	0.00
32.00	103.04	326.32	0.00	0.00
33.00	102.76	325.27	0.00	0.00
34.00	103.36	324.23	0.00	0.00
35.00	103.94	323.19	0.00	0.00
36.00	104.49	322.14	0.00	0.00
37.00	105.03	321.10	0.00	0.00
38.00	105.54	320.05	0.00	0.00
39.00	106.03	319.01	0.00	0.00
40.00	106.51	317.96	0.00	0.00
41.00	106.97	316.92	0.00	0.00
41.04	3.87	11.47	0.00	0.00
42.00	104.61	461.99	0.00	0.00
43.00	108.98	477.57	0.00	0.00
44.00	109.40	475.73	0.00	0.00
45.00	109.80	473.89	0.00	0.00
46.00	110.19	472.06	0.00	0.00
46.63	69.53	296.47	0.00	0.00
47.00	40.87	106.63	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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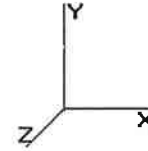
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

48.00	110.92	287.53	0.00	0.00
49.00	111.26	286.61	0.00	0.00
50.00	111.59	285.70	0.00	0.00
51.00	111.91	284.79	0.00	0.00
52.00	112.21	283.88	0.00	0.00
53.00	112.51	282.96	0.00	0.00
54.00	112.79	282.05	0.00	0.00
55.00	113.06	281.14	0.00	0.00
56.00	113.32	280.23	0.00	0.00
57.00	113.57	279.32	0.00	0.00
58.00	113.81	278.40	0.00	0.00
59.00	114.04	277.49	0.00	0.00
60.00	114.26	276.58	0.00	0.00
61.00	114.46	275.67	0.00	0.00
62.00	114.66	274.75	0.00	0.00
63.00	114.86	273.84	0.00	0.00
64.00	115.04	272.93	0.00	0.00
65.00	115.21	272.02	0.00	0.00
66.00	115.37	271.10	0.00	0.00
67.00	115.53	270.19	0.00	0.00
68.00	115.68	269.28	0.00	0.00
69.00	115.82	268.37	0.00	0.00
70.00	115.95	267.45	0.00	0.00
71.00	116.07	266.54	0.00	0.00
72.00	116.19	265.63	0.00	0.00
73.00	116.30	264.72	0.00	0.00
74.00	116.40	263.81	0.00	0.00
75.00	357.88	496.39	0.00	0.00
76.00	116.59	261.98	0.00	0.00
77.00	116.67	261.07	0.00	0.00
78.00	116.74	260.16	0.00	0.00
79.00	116.81	259.24	0.00	0.00
80.00	116.88	258.33	0.00	0.00
81.00	116.93	257.42	0.00	0.00
81.49	57.43	126.19	0.00	0.00
82.00	60.03	187.33	0.00	0.00
83.00	118.18	367.14	0.00	0.00
84.00	118.22	365.57	0.00	0.00
85.00	118.26	363.99	0.00	0.00
86.00	118.29	362.42	0.00	0.00
86.18	20.82	63.72	0.00	0.00
87.00	97.43	192.22	0.00	0.00
88.00	118.33	232.63	0.00	0.00
89.00	118.35	231.85	0.00	0.00
90.00	118.35	231.07	0.00	0.00
91.00	118.36	230.29	0.00	0.00
92.00	118.35	229.51	0.00	0.00
93.00	118.35	228.73	0.00	0.00
94.00	118.33	227.95	0.00	0.00
95.00	118.31	227.17	0.00	0.00
96.00	118.29	226.39	0.00	0.00
97.00	118.26	225.61	0.00	0.00
98.00	118.23	224.83	0.00	0.00
99.00	118.19	224.05	0.00	0.00
100.0	479.16	446.25	0.00	740.79
101.0	118.10	222.49	0.00	0.00
102.0	118.05	221.71	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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 Page: 69

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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

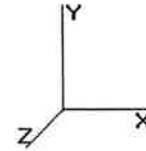
103.0	118.00	220.93	0.00	0.00
104.0	117.94	220.14	0.00	0.00
105.0	117.87	219.36	0.00	0.00
106.0	117.80	218.58	0.00	0.00
107.0	117.73	217.80	0.00	0.00
108.0	117.65	217.02	0.00	0.00
108.7	88.16	162.27	0.00	0.00
109.0	29.36	37.30	0.00	0.00
110.0	706.31	723.06	0.00	340.83
111.0	117.40	147.58	0.00	0.00
112.0	117.30	146.80	0.00	0.00
113.0	117.21	146.02	0.00	0.00
114.0	97.44	145.24	0.00	0.00
115.0	90.72	144.46	0.00	0.00
116.0	90.55	143.68	0.00	0.00
117.0	90.37	142.90	0.00	0.00
118.0	90.19	142.12	0.00	0.00
119.0	90.00	141.34	0.00	0.00
120.0	3,445.57	3,367.08	0.00	0.00
121.0	89.63	138.53	0.00	0.00
122.0	89.43	137.75	0.00	0.00
123.0	89.24	136.97	0.00	0.00
124.0	89.04	136.19	0.00	0.00
124.9	88.29	134.58	0.00	0.00
125.0	0.55	1.25	0.00	0.00
126.0	89.67	202.68	0.00	0.00
127.0	89.47	201.38	0.00	0.00
128.0	89.26	200.07	0.00	0.00
128.6	60.68	135.60	0.00	0.00
129.0	28.32	37.52	0.00	0.00
130.0	88.83	117.30	0.00	0.00
131.0	3,507.00	2,644.65	0.00	4,373.93
132.0	88.39	111.09	0.00	0.00
133.0	140.86	180.49	0.00	0.00
134.0	87.94	109.79	0.00	0.00
135.0	87.71	109.14	0.00	0.00
136.0	87.48	108.49	0.00	0.00
137.0	1,187.96	710.04	0.00	0.00
138.0	75.14	104.11	0.00	0.00
139.0	74.88	103.46	0.00	0.00
140.0	74.61	102.81	0.00	0.00
141.0	3,675.30	2,472.83	0.00	4,686.76
142.0	62.11	91.67	0.00	0.00
143.0	61.81	91.02	0.00	0.00
144.0	61.51	90.37	0.00	0.00
145.0	61.21	89.73	0.00	0.00
146.0	60.90	89.08	0.00	0.00
147.0	60.59	88.43	0.00	0.00
147.9	4,474.41	3,995.93	0.00	9,847.02
148.0	723.29	314.09	0.00	8,672.26
Totals:	33,327.02	51,684.16	0.00	28,661.58

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

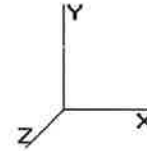
Calculated Shaft Forces and Deflections

Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-33.342	-51.671	0.000	0.000	0.000	-3,691.624	0.000	0.000	0.000	0.000
1.00	-33.290	-51.327	0.000	0.000	0.000	-3,658.282	-0.005	0.000	0.005	-0.040
2.00	-33.237	-50.984	0.000	0.000	0.000	-3,624.993	-0.018	0.000	0.018	-0.080
3.00	-33.185	-50.643	0.000	0.000	0.000	-3,591.756	-0.039	0.000	0.039	-0.120
4.00	-33.132	-50.302	0.000	0.000	0.000	-3,558.573	-0.068	0.000	0.068	-0.160
5.00	-33.079	-49.962	0.000	0.000	0.000	-3,525.442	-0.107	0.000	0.107	-0.200
6.00	-33.002	-49.586	0.000	0.000	0.000	-3,492.363	-0.153	0.000	0.153	-0.240
7.00	-32.925	-49.211	0.000	0.000	0.000	-3,459.362	-0.208	0.000	0.208	-0.280
8.00	-32.848	-48.837	0.000	0.000	0.000	-3,426.438	-0.271	0.000	0.271	-0.320
9.00	-32.770	-48.465	0.000	0.000	0.000	-3,393.591	-0.343	0.000	0.343	-0.361
10.00	-32.693	-48.093	0.000	0.000	0.000	-3,360.821	-0.423	0.000	0.423	-0.401
11.00	-32.615	-47.722	0.000	0.000	0.000	-3,328.129	-0.512	0.000	0.512	-0.441
12.00	-32.537	-47.353	0.000	0.000	0.000	-3,295.515	-0.609	0.000	0.609	-0.482
13.00	-32.459	-46.985	0.000	0.000	0.000	-3,262.978	-0.714	0.000	0.714	-0.522
14.00	-32.381	-46.618	0.000	0.000	0.000	-3,230.520	-0.828	0.000	0.828	-0.563
15.00	-32.302	-46.252	0.000	0.000	0.000	-3,198.140	-0.951	0.000	0.951	-0.604
16.00	-32.224	-45.887	0.000	0.000	0.000	-3,165.838	-1.082	0.000	1.082	-0.644
17.00	-32.145	-45.524	0.000	0.000	0.000	-3,133.615	-1.222	0.000	1.222	-0.685
18.00	-32.066	-45.161	0.000	0.000	0.000	-3,101.470	-1.370	0.000	1.370	-0.726
19.00	-31.987	-44.800	0.000	0.000	0.000	-3,069.405	-1.527	0.000	1.527	-0.767
20.00	-31.908	-44.440	0.000	0.000	0.000	-3,037.419	-1.692	0.000	1.692	-0.808
21.00	-31.828	-44.081	0.000	0.000	0.000	-3,005.511	-1.866	0.000	1.866	-0.849
22.00	-31.749	-43.723	0.000	0.000	0.000	-2,973.684	-2.049	0.000	2.049	-0.890
23.00	-31.669	-43.366	0.000	0.000	0.000	-2,941.935	-2.240	0.000	2.240	-0.931
24.00	-31.589	-43.011	0.000	0.000	0.000	-2,910.267	-2.439	0.000	2.439	-0.972
25.00	-31.509	-42.656	0.000	0.000	0.000	-2,878.679	-2.648	0.000	2.648	-1.013
26.00	-31.429	-42.303	0.000	0.000	0.000	-2,847.170	-2.865	0.000	2.865	-1.054
27.00	-31.348	-41.951	0.000	0.000	0.000	-2,815.742	-3.090	0.000	3.090	-1.096
28.00	-31.268	-41.600	0.000	0.000	0.000	-2,784.395	-3.324	0.000	3.324	-1.137
29.00	-31.187	-41.250	0.000	0.000	0.000	-2,753.128	-3.567	0.000	3.567	-1.178
30.00	-31.106	-40.902	0.000	0.000	0.000	-2,721.941	-3.819	0.000	3.819	-1.219
31.00	-31.025	-40.554	0.000	0.000	0.000	-2,690.836	-4.079	0.000	4.079	-1.261
32.00	-30.944	-40.208	0.000	0.000	0.000	-2,659.812	-4.348	0.000	4.348	-1.302
33.00	-30.862	-39.863	0.000	0.000	0.000	-2,628.869	-4.625	0.000	4.625	-1.343
34.00	-30.780	-39.519	0.000	0.000	0.000	-2,598.007	-4.911	0.000	4.911	-1.385
35.00	-30.696	-39.176	0.000	0.000	0.000	-2,567.228	-5.206	0.000	5.206	-1.426
36.00	-30.612	-38.835	0.000	0.000	0.000	-2,536.533	-5.510	0.000	5.510	-1.468
37.00	-30.526	-38.495	0.000	0.000	0.000	-2,505.922	-5.822	0.000	5.822	-1.509
38.00	-30.440	-38.155	0.000	0.000	0.000	-2,475.396	-6.143	0.000	6.143	-1.551
39.00	-30.352	-37.818	0.000	0.000	0.000	-2,444.957	-6.472	0.000	6.472	-1.592
40.00	-30.264	-37.481	0.000	0.000	0.000	-2,414.605	-6.810	0.000	6.810	-1.634
41.00	-30.162	-37.156	0.000	0.000	0.000	-2,384.342	-7.157	0.000	7.157	-1.675
41.04	-30.171	-37.134	0.000	0.000	0.000	-2,383.248	-7.170	0.000	7.170	-1.677
42.00	-30.079	-36.654	0.000	0.000	0.000	-2,354.171	-7.513	0.000	7.513	-1.717
43.00	-29.981	-36.158	0.000	0.000	0.000	-2,324.093	-7.877	0.000	7.877	-1.758
44.00	-29.883	-35.665	0.000	0.000	0.000	-2,294.112	-8.250	0.000	8.250	-1.799
45.00	-29.783	-35.173	0.000	0.000	0.000	-2,264.230	-8.631	0.000	8.631	-1.840
46.00	-29.678	-34.688	0.000	0.000	0.000	-2,234.447	-9.021	0.000	9.021	-1.881
46.63	-29.611	-34.383	0.000	0.000	0.000	-2,215.750	-9.271	0.000	9.271	-1.907
47.00	-29.584	-34.262	0.000	0.000	0.000	-2,204.794	-9.420	0.000	9.420	-1.922
48.00	-29.489	-33.957	0.000	0.000	0.000	-2,175.211	-9.827	0.000	9.827	-1.965

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

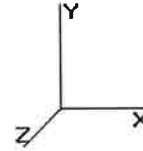
49.00	-29.394	-33.652	0.000	0.000	0.000	-2,145.722	-10.244	0.000	10.244	-2.009
50.00	-29.297	-33.348	0.000	0.000	0.000	-2,116.329	-10.670	0.000	10.670	-2.052
51.00	-29.200	-33.045	0.000	0.000	0.000	-2,087.032	-11.104	0.000	11.104	-2.095
52.00	-29.102	-32.744	0.000	0.000	0.000	-2,057.832	-11.548	0.000	11.548	-2.138
53.00	-29.004	-32.444	0.000	0.000	0.000	-2,028.731	-12.001	0.000	12.001	-2.181
54.00	-28.904	-32.144	0.000	0.000	0.000	-1,999.728	-12.463	0.000	12.463	-2.225
55.00	-28.804	-31.846	0.000	0.000	0.000	-1,970.824	-12.934	0.000	12.934	-2.268
56.00	-28.703	-31.549	0.000	0.000	0.000	-1,942.021	-13.413	0.000	13.413	-2.311
57.00	-28.602	-31.254	0.000	0.000	0.000	-1,913.318	-13.902	0.000	13.902	-2.353
58.00	-28.500	-30.959	0.000	0.000	0.000	-1,884.717	-14.400	0.000	14.400	-2.396
59.00	-28.397	-30.665	0.000	0.000	0.000	-1,856.217	-14.907	0.000	14.907	-2.439
60.00	-28.293	-30.373	0.000	0.000	0.000	-1,827.821	-15.422	0.000	15.422	-2.481
61.00	-28.189	-30.082	0.000	0.000	0.000	-1,799.528	-15.947	0.000	15.947	-2.524
62.00	-28.085	-29.792	0.000	0.000	0.000	-1,771.340	-16.480	0.000	16.480	-2.566
63.00	-27.979	-29.503	0.000	0.000	0.000	-1,743.255	-17.023	0.000	17.023	-2.609
64.00	-27.873	-29.215	0.000	0.000	0.000	-1,715.277	-17.574	0.000	17.574	-2.651
65.00	-27.767	-28.928	0.000	0.000	0.000	-1,687.404	-18.134	0.000	18.134	-2.693
66.00	-27.660	-28.642	0.000	0.000	0.000	-1,659.638	-18.702	0.000	18.702	-2.735
67.00	-27.552	-28.358	0.000	0.000	0.000	-1,631.978	-19.280	0.000	19.280	-2.777
68.00	-27.444	-28.075	0.000	0.000	0.000	-1,604.427	-19.866	0.000	19.866	-2.818
69.00	-27.335	-27.793	0.000	0.000	0.000	-1,576.984	-20.461	0.000	20.461	-2.860
70.00	-27.225	-27.512	0.000	0.000	0.000	-1,549.650	-21.065	0.000	21.065	-2.901
71.00	-27.115	-27.232	0.000	0.000	0.000	-1,522.425	-21.677	0.000	21.677	-2.942
72.00	-27.005	-26.954	0.000	0.000	0.000	-1,495.310	-22.298	0.000	22.298	-2.983
73.00	-26.894	-26.676	0.000	0.000	0.000	-1,468.305	-22.927	0.000	22.927	-3.024
74.00	-26.782	-26.400	0.000	0.000	0.000	-1,441.412	-23.565	0.000	23.565	-3.065
75.00	-26.417	-25.905	0.000	0.000	0.000	-1,414.630	-24.211	0.000	24.211	-3.105
76.00	-26.304	-25.631	0.000	0.000	0.000	-1,388.214	-24.866	0.000	24.866	-3.146
77.00	-26.191	-25.359	0.000	0.000	0.000	-1,361.910	-25.529	0.000	25.529	-3.186
78.00	-26.077	-25.087	0.000	0.000	0.000	-1,335.720	-26.201	0.000	26.201	-3.226
79.00	-25.963	-24.817	0.000	0.000	0.000	-1,309.643	-26.881	0.000	26.881	-3.266
80.00	-25.848	-24.548	0.000	0.000	0.000	-1,283.681	-27.569	0.000	27.569	-3.305
81.00	-25.729	-24.285	0.000	0.000	0.000	-1,257.833	-28.266	0.000	28.266	-3.344
81.49	-25.673	-24.154	0.000	0.000	0.000	-1,245.189	-28.611	0.000	28.611	-3.364
82.00	-25.614	-23.957	0.000	0.000	0.000	-1,232.133	-28.970	0.000	28.970	-3.383
83.00	-25.490	-23.581	0.000	0.000	0.000	-1,206.520	-29.683	0.000	29.683	-3.422
84.00	-25.365	-23.206	0.000	0.000	0.000	-1,181.030	-30.404	0.000	30.404	-3.460
85.00	-25.240	-22.833	0.000	0.000	0.000	-1,155.666	-31.133	0.000	31.133	-3.497
86.00	-25.108	-22.469	0.000	0.000	0.000	-1,130.426	-31.869	0.000	31.869	-3.535
86.18	-25.091	-22.399	0.000	0.000	0.000	-1,126.000	-32.000	0.000	32.000	-3.541
87.00	-24.996	-22.198	0.000	0.000	0.000	-1,105.332	-32.613	0.000	32.613	-3.572
88.00	-24.878	-21.956	0.000	0.000	0.000	-1,080.337	-33.366	0.000	33.366	-3.611
89.00	-24.760	-21.715	0.000	0.000	0.000	-1,055.459	-34.126	0.000	34.126	-3.650
90.00	-24.641	-21.476	0.000	0.000	0.000	-1,030.700	-34.895	0.000	34.895	-3.689
91.00	-24.523	-21.237	0.000	0.000	0.000	-1,006.059	-35.672	0.000	35.672	-3.727
92.00	-24.403	-21.000	0.000	0.000	0.000	-981.537	-36.456	0.000	36.456	-3.765
93.00	-24.284	-20.764	0.000	0.000	0.000	-957.134	-37.249	0.000	37.249	-3.802
94.00	-24.164	-20.529	0.000	0.000	0.000	-932.851	-38.049	0.000	38.049	-3.839
95.00	-24.043	-20.295	0.000	0.000	0.000	-908.688	-38.857	0.000	38.857	-3.876
96.00	-23.922	-20.062	0.000	0.000	0.000	-884.645	-39.673	0.000	39.673	-3.912
97.00	-23.801	-19.830	0.000	0.000	0.000	-860.723	-40.496	0.000	40.496	-3.948
98.00	-23.680	-19.600	0.000	0.000	0.000	-836.922	-41.327	0.000	41.327	-3.983
99.00	-23.558	-19.370	0.000	0.000	0.000	-813.242	-42.165	0.000	42.165	-4.018
100.0	-23.060	-18.945	0.000	0.000	0.000	-788.944	-43.010	0.000	43.010	-4.053
101.0	-22.937	-18.718	0.000	0.000	0.000	-765.885	-43.862	0.000	43.862	-4.086
102.0	-22.814	-18.492	0.000	0.000	0.000	-742.947	-44.721	0.000	44.721	-4.120
103.0	-22.691	-18.267	0.000	0.000	0.000	-720.133	-45.587	0.000	45.587	-4.153

Pole : 302515
 Location : SMFR - North, CT
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Base Elev : 0.000 (ft)



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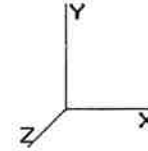
Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
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Wind Load Factor : 1.00		

104.0	-22.568	-18.044	0.000	0.000	0.000	-697.443	-46.460	0.000	46.460	-4.185
105.0	-22.444	-17.821	0.000	0.000	0.000	-674.875	-47.340	0.000	47.340	-4.217
106.0	-22.320	-17.600	0.000	0.000	0.000	-652.432	-48.226	0.000	48.226	-4.248
107.0	-22.195	-17.380	0.000	0.000	0.000	-630.112	-49.119	0.000	49.119	-4.278
108.0	-22.070	-17.162	0.000	0.000	0.000	-607.917	-50.018	0.000	50.018	-4.308
108.7	-21.974	-17.001	0.000	0.000	0.000	-591.365	-50.696	0.000	50.696	-4.331
109.0	-21.952	-16.953	0.000	0.000	0.000	-585.872	-50.923	0.000	50.923	-4.338
110.0	-21.210	-16.264	0.000	0.000	0.000	-563.579	-51.838	0.000	51.838	-4.399
111.0	-21.098	-16.104	0.000	0.000	0.000	-542.370	-52.765	0.000	52.765	-4.459
112.0	-20.986	-15.945	0.000	0.000	0.000	-521.272	-53.705	0.000	53.705	-4.518
113.0	-20.874	-15.788	0.000	0.000	0.000	-500.286	-54.657	0.000	54.657	-4.576
114.0	-20.780	-15.631	0.000	0.000	0.000	-479.413	-55.621	0.000	55.621	-4.632
115.0	-20.693	-15.475	0.000	0.000	0.000	-458.634	-56.596	0.000	56.596	-4.688
116.0	-20.605	-15.320	0.000	0.000	0.000	-437.941	-57.583	0.000	57.583	-4.742
117.0	-20.517	-15.166	0.000	0.000	0.000	-417.337	-58.582	0.000	58.582	-4.795
118.0	-20.429	-15.014	0.000	0.000	0.000	-396.820	-59.591	0.000	59.591	-4.846
119.0	-20.340	-14.863	0.000	0.000	0.000	-376.392	-60.610	0.000	60.610	-4.896
120.0	-16.628	-11.791	0.000	0.000	0.000	-356.053	-61.640	0.000	61.640	-4.945
121.0	-16.536	-11.647	0.000	0.000	0.000	-339.425	-62.680	0.000	62.680	-4.992
122.0	-16.444	-11.505	0.000	0.000	0.000	-322.890	-63.729	0.000	63.729	-5.037
123.0	-16.352	-11.364	0.000	0.000	0.000	-306.446	-64.788	0.000	64.788	-5.082
124.0	-16.259	-11.224	0.000	0.000	0.000	-290.095	-65.856	0.000	65.856	-5.125
124.9	-16.163	-11.092	0.000	0.000	0.000	-273.936	-66.927	0.000	66.927	-5.167
125.0	-16.167	-11.085	0.000	0.000	0.000	-273.837	-66.933	0.000	66.933	-5.167
126.0	-16.067	-10.880	0.000	0.000	0.000	-257.670	-68.019	0.000	68.019	-5.208
127.0	-15.966	-10.677	0.000	0.000	0.000	-241.604	-69.113	0.000	69.113	-5.246
128.0	-15.865	-10.477	0.000	0.000	0.000	-225.638	-70.214	0.000	70.214	-5.284
128.6	-15.795	-10.343	0.000	0.000	0.000	-214.827	-70.970	0.000	70.970	-5.308
129.0	-15.768	-10.301	0.000	0.000	0.000	-209.796	-71.324	0.000	71.324	-5.319
130.0	-15.676	-10.182	0.000	0.000	0.000	-194.028	-72.441	0.000	72.441	-5.359
131.0	-11.941	-7.871	0.000	0.000	0.000	-173.979	-73.566	0.000	73.566	-5.396
132.0	-11.847	-7.762	0.000	0.000	0.000	-162.038	-74.699	0.000	74.699	-5.430
133.0	-11.694	-7.589	0.000	0.000	0.000	-150.191	-75.839	0.000	75.839	-5.463
134.0	-11.600	-7.482	0.000	0.000	0.000	-138.497	-76.985	0.000	76.985	-5.494
135.0	-11.506	-7.376	0.000	0.000	0.000	-126.897	-78.137	0.000	78.137	-5.524
136.0	-11.412	-7.271	0.000	0.000	0.000	-115.392	-79.296	0.000	79.296	-5.551
137.0	-10.164	-6.675	0.000	0.000	0.000	-103.980	-80.460	0.000	80.460	-5.576
138.0	-10.081	-6.575	0.000	0.000	0.000	-93.817	-81.629	0.000	81.629	-5.600
139.0	-9.999	-6.476	0.000	0.000	0.000	-83.735	-82.802	0.000	82.802	-5.622
140.0	-9.917	-6.377	0.000	0.000	0.000	-73.737	-83.981	0.000	83.981	-5.641
141.0	-6.017	-4.277	0.000	0.000	0.000	-59.133	-85.162	0.000	85.162	-5.659
142.0	-5.947	-4.190	0.000	0.000	0.000	-53.116	-86.348	0.000	86.348	-5.674
143.0	-5.878	-4.105	0.000	0.000	0.000	-47.169	-87.536	0.000	87.536	-5.688
144.0	-5.809	-4.020	0.000	0.000	0.000	-41.291	-88.727	0.000	88.727	-5.700
145.0	-5.739	-3.935	0.000	0.000	0.000	-35.483	-89.920	0.000	89.920	-5.711
146.0	-5.671	-3.852	0.000	0.000	0.000	-29.743	-91.115	0.000	91.115	-5.720
147.0	-5.602	-3.769	0.000	0.000	0.000	-24.073	-92.312	0.000	92.312	-5.729
147.9	-0.751	-0.240	0.000	0.000	0.000	-8.680	-93.499	0.000	93.499	-5.735
148.0	-0.723	0.000	0.000	0.000	0.000	-8.672	-93.511	0.000	93.511	-5.735

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice 77.94 mph Wind with Ice 29 Iterations

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

Calculated Stresses

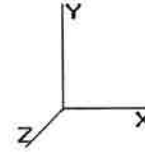
Seg Elev (ft)	Applied Stresses							Combined (ksi)	Allowable Stress (Fb) (ksi)	Stress Ratio
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)				
0.00	0.60	1.02	0.00	0.00	0.00	41.08	41.72	52.0	0.0	0.803
1.00	0.60	1.02	0.00	0.00	0.00	40.99	41.63	52.0	0.0	0.801
2.00	0.60	1.02	0.00	0.00	0.00	40.90	41.53	52.0	0.0	0.799
3.00	0.60	1.03	0.00	0.00	0.00	40.80	41.43	52.0	0.0	0.797
4.00	0.59	1.03	0.00	0.00	0.00	40.70	41.33	52.0	0.0	0.795
5.00	0.59	1.03	0.00	0.00	0.00	40.60	41.23	52.0	0.0	0.793
6.00	0.59	1.03	0.00	0.00	0.00	40.50	41.13	52.0	0.0	0.791
7.00	0.59	1.03	0.00	0.00	0.00	40.39	41.02	52.0	0.0	0.789
8.00	0.58	1.04	0.00	0.00	0.00	40.29	40.91	52.0	0.0	0.787
9.00	0.58	1.04	0.00	0.00	0.00	40.18	40.80	52.0	0.0	0.785
10.00	0.58	1.04	0.00	0.00	0.00	40.07	40.69	52.0	0.0	0.783
11.00	0.58	1.04	0.00	0.00	0.00	39.96	40.58	52.0	0.0	0.781
12.00	0.57	1.04	0.00	0.00	0.00	39.85	40.47	52.0	0.0	0.778
13.00	0.57	1.05	0.00	0.00	0.00	39.74	40.35	52.0	0.0	0.776
14.00	0.57	1.05	0.00	0.00	0.00	39.62	40.23	52.0	0.0	0.774
15.00	0.57	1.05	0.00	0.00	0.00	39.50	40.11	52.0	0.0	0.772
16.00	0.56	1.05	0.00	0.00	0.00	39.39	39.99	52.0	0.0	0.769
17.00	0.56	1.05	0.00	0.00	0.00	39.27	39.87	52.0	0.0	0.767
18.00	0.56	1.06	0.00	0.00	0.00	39.14	39.74	52.0	0.0	0.765
19.00	0.56	1.06	0.00	0.00	0.00	39.02	39.62	52.0	0.0	0.762
20.00	0.55	1.06	0.00	0.00	0.00	38.89	39.49	52.0	0.0	0.760
21.00	0.55	1.06	0.00	0.00	0.00	38.76	39.36	52.0	0.0	0.757
22.00	0.55	1.07	0.00	0.00	0.00	38.63	39.23	52.0	0.0	0.755
23.00	0.55	1.07	0.00	0.00	0.00	38.50	39.09	52.0	0.0	0.752
24.00	0.54	1.07	0.00	0.00	0.00	38.37	38.95	52.0	0.0	0.749
25.00	0.54	1.07	0.00	0.00	0.00	38.23	38.82	52.0	0.0	0.747
26.00	0.54	1.07	0.00	0.00	0.00	38.09	38.67	52.0	0.0	0.744
27.00	0.54	1.08	0.00	0.00	0.00	37.95	38.53	52.0	0.0	0.741
28.00	0.53	1.08	0.00	0.00	0.00	37.81	38.39	52.0	0.0	0.738
29.00	0.53	1.08	0.00	0.00	0.00	37.66	38.24	52.0	0.0	0.736
30.00	0.53	1.08	0.00	0.00	0.00	37.52	38.09	52.0	0.0	0.733
31.00	0.52	1.09	0.00	0.00	0.00	37.37	37.94	52.0	0.0	0.730
32.00	0.52	1.09	0.00	0.00	0.00	37.22	37.78	52.0	0.0	0.727
33.00	0.52	1.09	0.00	0.00	0.00	37.06	37.63	52.0	0.0	0.724
34.00	0.52	1.09	0.00	0.00	0.00	36.91	37.47	52.0	0.0	0.721
35.00	0.51	1.09	0.00	0.00	0.00	36.75	37.31	52.0	0.0	0.718
36.00	0.51	1.10	0.00	0.00	0.00	36.59	37.15	52.0	0.0	0.715
37.00	0.51	1.10	0.00	0.00	0.00	36.42	36.98	52.0	0.0	0.711
38.00	0.51	1.10	0.00	0.00	0.00	36.26	36.81	52.0	0.0	0.708
39.00	0.50	1.10	0.00	0.00	0.00	36.09	36.64	52.0	0.0	0.705
40.00	0.50	1.11	0.00	0.00	0.00	35.92	36.47	52.0	0.0	0.702
41.00	0.50	1.11	0.00	0.00	0.00	35.74	36.29	52.0	0.0	0.698
41.04	0.50	1.11	0.00	0.00	0.00	35.74	36.28	52.0	0.0	0.698
42.00	0.49	1.11	0.00	0.00	0.00	35.19	35.73	52.0	0.0	0.687
43.00	0.49	1.11	0.00	0.00	0.00	35.01	35.55	52.0	0.0	0.684
44.00	0.48	1.11	0.00	0.00	0.00	34.82	35.36	52.0	0.0	0.680
45.00	0.48	1.12	0.00	0.00	0.00	34.64	35.17	52.0	0.0	0.677
46.00	0.47	1.12	0.00	0.00	0.00	34.45	34.98	52.0	0.0	0.673
46.63	0.52	1.28	0.00	0.00	0.00	37.11	37.69	52.0	0.0	0.725
47.00	0.52	1.28	0.00	0.00	0.00	37.03	37.61	52.0	0.0	0.724
48.00	0.51	1.28	0.00	0.00	0.00	36.81	37.39	52.0	0.0	0.719

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

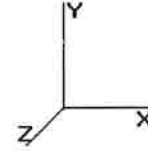
49.00	0.51	1.28	0.00	0.00	0.00	36.59	37.17	52.0	0.0	0.715
50.00	0.51	1.29	0.00	0.00	0.00	36.37	36.94	52.0	0.0	0.711
51.00	0.51	1.29	0.00	0.00	0.00	36.14	36.71	52.0	0.0	0.706
52.00	0.50	1.29	0.00	0.00	0.00	35.91	36.48	52.0	0.0	0.702
53.00	0.50	1.29	0.00	0.00	0.00	35.68	36.25	52.0	0.0	0.697
54.00	0.50	1.29	0.00	0.00	0.00	35.44	36.01	52.0	0.0	0.693
55.00	0.49	1.30	0.00	0.00	0.00	35.20	35.77	52.0	0.0	0.688
56.00	0.49	1.30	0.00	0.00	0.00	34.96	35.52	52.0	0.0	0.683
57.00	0.49	1.30	0.00	0.00	0.00	34.72	35.28	52.0	0.0	0.679
58.00	0.49	1.30	0.00	0.00	0.00	34.47	35.03	52.0	0.0	0.674
59.00	0.48	1.31	0.00	0.00	0.00	34.22	34.77	52.0	0.0	0.669
60.00	0.48	1.31	0.00	0.00	0.00	33.96	34.51	52.0	0.0	0.664
61.00	0.48	1.31	0.00	0.00	0.00	33.70	34.25	52.0	0.0	0.659
62.00	0.47	1.31	0.00	0.00	0.00	33.44	33.99	52.0	0.0	0.654
63.00	0.47	1.31	0.00	0.00	0.00	33.17	33.72	52.0	0.0	0.649
64.00	0.47	1.32	0.00	0.00	0.00	32.91	33.45	52.0	0.0	0.644
65.00	0.47	1.32	0.00	0.00	0.00	32.63	33.18	52.0	0.0	0.638
66.00	0.46	1.32	0.00	0.00	0.00	32.36	32.90	52.0	0.0	0.633
67.00	0.46	1.32	0.00	0.00	0.00	32.08	32.62	52.0	0.0	0.628
68.00	0.46	1.32	0.00	0.00	0.00	31.79	32.33	52.0	0.0	0.622
69.00	0.45	1.33	0.00	0.00	0.00	31.51	32.04	52.0	0.0	0.616
70.00	0.45	1.33	0.00	0.00	0.00	31.22	31.75	52.0	0.0	0.611
71.00	0.45	1.33	0.00	0.00	0.00	30.92	31.46	52.0	0.0	0.605
72.00	0.45	1.33	0.00	0.00	0.00	30.62	31.16	52.0	0.0	0.599
73.00	0.44	1.34	0.00	0.00	0.00	30.32	30.85	52.0	0.0	0.594
74.00	0.44	1.34	0.00	0.00	0.00	30.02	30.54	52.0	0.0	0.588
75.00	0.43	1.33	0.00	0.00	0.00	29.70	30.23	52.0	0.0	0.581
76.00	0.43	1.33	0.00	0.00	0.00	29.40	29.91	52.0	0.0	0.576
77.00	0.43	1.33	0.00	0.00	0.00	29.08	29.60	52.0	0.0	0.569
78.00	0.42	1.33	0.00	0.00	0.00	28.77	29.28	52.0	0.0	0.563
79.00	0.42	1.33	0.00	0.00	0.00	28.44	28.96	52.0	0.0	0.557
80.00	0.42	1.34	0.00	0.00	0.00	28.12	28.63	52.0	0.0	0.551
81.00	0.42	1.34	0.00	0.00	0.00	27.79	28.30	52.0	0.0	0.544
81.49	0.41	1.34	0.00	0.00	0.00	27.63	28.14	52.0	0.0	0.541
82.00	0.41	1.34	0.00	0.00	0.00	27.08	27.59	52.0	0.0	0.531
83.00	0.41	1.34	0.00	0.00	0.00	26.75	27.25	52.0	0.0	0.524
84.00	0.40	1.34	0.00	0.00	0.00	26.41	26.91	52.0	0.0	0.518
85.00	0.40	1.35	0.00	0.00	0.00	26.06	26.56	52.0	0.0	0.511
86.00	0.39	1.35	0.00	0.00	0.00	25.71	26.21	52.0	0.0	0.504
86.18	0.43	1.58	0.00	0.00	0.00	27.86	28.42	52.0	0.0	0.547
87.00	0.43	1.58	0.00	0.00	0.00	27.53	28.10	52.0	0.0	0.541
88.00	0.43	1.59	0.00	0.00	0.00	27.13	27.70	52.0	0.0	0.533
89.00	0.43	1.59	0.00	0.00	0.00	26.73	27.29	52.0	0.0	0.525
90.00	0.42	1.59	0.00	0.00	0.00	26.32	26.88	52.0	0.0	0.517
91.00	0.42	1.59	0.00	0.00	0.00	25.91	26.47	52.0	0.0	0.509
92.00	0.42	1.60	0.00	0.00	0.00	25.49	26.05	52.0	0.0	0.501
93.00	0.41	1.60	0.00	0.00	0.00	25.06	25.63	52.0	0.0	0.493
94.00	0.41	1.60	0.00	0.00	0.00	24.64	25.20	52.0	0.0	0.485
95.00	0.41	1.60	0.00	0.00	0.00	24.20	24.76	52.0	0.0	0.476
96.00	0.40	1.60	0.00	0.00	0.00	23.76	24.33	52.0	0.0	0.468
97.00	0.40	1.61	0.00	0.00	0.00	23.32	23.88	52.0	0.0	0.459
98.00	0.40	1.61	0.00	0.00	0.00	22.87	23.43	52.0	0.0	0.451
99.00	0.39	1.61	0.00	0.00	0.00	22.41	22.98	52.0	0.0	0.442
100.00	0.39	1.59	0.00	0.00	0.00	21.93	22.49	52.0	0.0	0.433
101.00	0.38	1.59	0.00	0.00	0.00	21.47	22.03	52.0	0.0	0.424
102.00	0.38	1.59	0.00	0.00	0.00	21.01	21.57	52.0	0.0	0.415
103.00	0.38	1.59	0.00	0.00	0.00	20.55	21.10	52.0	0.0	0.406

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
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Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Ice	77.94 mph Wind with Ice	29 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

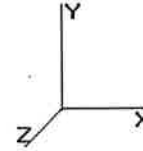
104.00	0.37	1.60	0.00	0.00	0.00	20.07	20.63	52.0	0.0	0.397
105.00	0.37	1.60	0.00	0.00	0.00	19.59	20.16	52.0	0.0	0.388
106.00	0.37	1.60	0.00	0.00	0.00	19.11	19.67	52.0	0.0	0.378
107.00	0.37	1.60	0.00	0.00	0.00	18.62	19.19	52.0	0.0	0.369
108.00	0.36	1.60	0.00	0.00	0.00	18.12	18.69	52.0	0.0	0.360
108.75	0.36	1.61	0.00	0.00	0.00	17.75	18.32	52.0	0.0	0.352
108.75	0.62	1.61	0.00	0.00	0.00	37.61	38.33	52.0	0.0	0.737
109.00	0.62	1.61	0.00	0.00	0.00	37.39	38.11	52.0	0.0	0.733
110.00	0.59	1.56	0.00	0.00	0.00	36.48	37.18	52.0	0.0	0.715
111.00	0.59	1.57	0.00	0.00	0.00	35.62	36.31	52.0	0.0	0.699
112.00	0.59	1.57	0.00	0.00	0.00	34.73	35.43	52.0	0.0	0.682
113.00	0.59	1.57	0.00	0.00	0.00	33.82	34.52	52.0	0.0	0.664
114.00	0.59	1.58	0.00	0.00	0.00	32.89	33.59	52.0	0.0	0.646
115.00	0.59	1.58	0.00	0.00	0.00	31.93	32.63	52.0	0.0	0.628
116.00	0.59	1.59	0.00	0.00	0.00	30.94	31.65	52.0	0.0	0.609
117.00	0.58	1.59	0.00	0.00	0.00	29.93	30.64	52.0	0.0	0.589
118.00	0.58	1.60	0.00	0.00	0.00	28.89	29.60	52.0	0.0	0.570
119.00	0.58	1.60	0.00	0.00	0.00	27.82	28.54	52.0	0.0	0.549
120.00	0.46	1.32	0.00	0.00	0.00	26.73	27.29	52.0	0.0	0.525
121.00	0.46	1.32	0.00	0.00	0.00	25.87	26.44	52.0	0.0	0.509
122.00	0.46	1.33	0.00	0.00	0.00	25.00	25.56	52.0	0.0	0.492
123.00	0.46	1.33	0.00	0.00	0.00	24.10	24.67	52.0	0.0	0.475
124.00	0.46	1.33	0.00	0.00	0.00	23.18	23.75	52.0	0.0	0.457
124.99	0.45	1.33	0.00	0.00	0.00	22.24	22.81	52.0	0.0	0.439
125.00	0.45	1.33	0.00	0.00	0.00	22.23	22.80	52.0	0.0	0.439
126.00	0.45	1.34	0.00	0.00	0.00	21.26	21.83	52.0	0.0	0.420
127.00	0.44	1.34	0.00	0.00	0.00	20.25	20.83	52.0	0.0	0.401
128.00	0.44	1.34	0.00	0.00	0.00	19.23	19.80	52.0	0.0	0.381
128.68	0.53	1.64	0.00	0.00	0.00	22.03	22.74	52.0	0.0	0.437
129.00	0.53	1.64	0.00	0.00	0.00	21.62	22.33	52.0	0.0	0.430
130.00	0.53	1.64	0.00	0.00	0.00	20.32	21.05	52.0	0.0	0.405
131.00	0.41	1.26	0.00	0.00	0.00	18.52	19.06	52.0	0.0	0.367
132.00	0.41	1.26	0.00	0.00	0.00	17.54	18.08	52.0	0.0	0.348
133.00	0.40	1.26	0.00	0.00	0.00	16.52	17.07	52.0	0.0	0.328
134.00	0.40	1.26	0.00	0.00	0.00	15.50	16.05	52.0	0.0	0.309
135.00	0.40	1.26	0.00	0.00	0.00	14.44	15.00	52.0	0.0	0.289
136.00	0.40	1.26	0.00	0.00	0.00	13.35	13.92	52.0	0.0	0.268
137.00	0.37	1.13	0.00	0.00	0.00	12.24	12.76	52.0	0.0	0.245
138.00	0.37	1.13	0.00	0.00	0.00	11.24	11.77	52.0	0.0	0.226
139.00	0.36	1.13	0.00	0.00	0.00	10.21	10.75	52.0	0.0	0.207
140.00	0.36	1.13	0.00	0.00	0.00	9.15	9.71	52.0	0.0	0.187
141.00	0.24	0.69	0.00	0.00	0.00	7.47	7.80	52.0	0.0	0.150
142.00	0.24	0.69	0.00	0.00	0.00	6.83	7.17	52.0	0.0	0.138
143.00	0.24	0.69	0.00	0.00	0.00	6.17	6.52	52.0	0.0	0.125
144.00	0.24	0.69	0.00	0.00	0.00	5.50	5.86	52.0	0.0	0.113
145.00	0.23	0.69	0.00	0.00	0.00	4.82	5.19	52.0	0.0	0.100
146.00	0.23	0.68	0.00	0.00	0.00	4.11	4.50	52.0	0.0	0.087
147.00	0.23	0.68	0.00	0.00	0.00	3.39	3.81	52.0	0.0	0.073
147.99	0.01	0.09	0.00	0.00	0.00	1.25	1.27	52.0	0.0	0.024
148.00	0.00	0.09	0.00	0.00	0.00	1.25	1.26	52.0	0.0	0.024

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

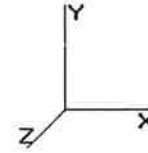
Shaft Segment Forces

Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)	
0.00		0.00	1.00	6.400	10.816	200.000	0.650	0.000	0.00	0.00	0.0	0.0	0.0	
1.00		0.00	1.00	6.400	10.816	199.186	0.650	0.000	1.00	3.992	2.59	28.1	0.0	291.1
2.00		0.00	1.00	6.400	10.816	198.371	0.650	0.000	1.00	3.976	2.58	27.9	0.0	290.1
3.00		0.00	1.00	6.400	10.816	197.557	0.650	0.000	1.00	3.959	2.57	27.8	0.0	289.2
4.00		0.00	1.00	6.400	10.816	196.742	0.650	0.000	1.00	3.943	2.56	27.7	0.0	288.3
5.00		0.00	1.00	6.400	10.816	195.928	0.650	0.000	1.00	3.927	2.55	27.6	0.0	287.4
6.00		0.00	1.00	6.400	10.816	195.113	0.650	0.000	1.00	3.910	2.54	27.5	0.0	286.5
7.00		0.00	1.00	6.400	10.816	194.299	0.650	0.000	1.00	3.894	2.53	27.4	0.0	285.5
8.00		0.00	1.00	6.400	10.816	193.484	0.650	0.000	1.00	3.878	2.52	27.3	0.0	284.6
9.00		0.00	1.00	6.400	10.816	192.670	0.650	0.000	1.00	3.862	2.51	27.1	0.0	283.7
10.00		0.00	1.00	6.400	10.816	191.855	0.650	0.000	1.00	3.845	2.50	27.0	0.0	282.8
11.00		0.00	1.00	6.400	10.816	191.041	0.650	0.000	1.00	3.829	2.49	26.9	0.0	281.8
12.00		0.00	1.00	6.400	10.816	190.226	0.650	0.000	1.00	3.813	2.48	26.8	0.0	280.9
13.00		0.00	1.00	6.400	10.816	189.412	0.650	0.000	1.00	3.796	2.47	26.7	0.0	280.0
14.00		0.00	1.00	6.400	10.816	188.597	0.650	0.000	1.00	3.780	2.46	26.6	0.0	279.1
15.00		0.00	1.00	6.400	10.816	187.783	0.650	0.000	1.00	3.764	2.45	26.5	0.0	278.1
16.00		0.00	1.00	6.400	10.816	186.968	0.650	0.000	1.00	3.748	2.44	26.3	0.0	277.2
17.00		0.00	1.00	6.400	10.816	186.154	0.650	0.000	1.00	3.731	2.43	26.2	0.0	276.3
18.00		0.00	1.00	6.400	10.816	185.339	0.650	0.000	1.00	3.715	2.41	26.1	0.0	275.4
19.00		0.00	1.00	6.400	10.816	184.525	0.650	0.000	1.00	3.699	2.40	26.0	0.0	274.4
20.00		0.00	1.00	6.400	10.816	183.710	0.650	0.000	1.00	3.682	2.39	25.9	0.0	273.5
21.00		0.00	1.00	6.400	10.816	182.896	0.650	0.000	1.00	3.666	2.38	25.8	0.0	272.6
22.00		0.00	1.00	6.400	10.816	182.081	0.650	0.000	1.00	3.650	2.37	25.7	0.0	271.7
23.00		0.00	1.00	6.400	10.816	181.267	0.650	0.000	1.00	3.633	2.36	25.5	0.0	270.8
24.00		0.00	1.00	6.400	10.816	180.452	0.650	0.000	1.00	3.617	2.35	25.4	0.0	269.8
25.00		0.00	1.00	6.400	10.816	179.638	0.650	0.000	1.00	3.601	2.34	25.3	0.0	268.9
26.00		0.00	1.00	6.400	10.816	178.823	0.650	0.000	1.00	3.585	2.33	25.2	0.0	268.0
27.00		0.00	1.00	6.400	10.816	178.009	0.650	0.000	1.00	3.568	2.32	25.1	0.0	267.1
28.00		0.00	1.00	6.400	10.816	177.194	0.650	0.000	1.00	3.552	2.31	25.0	0.0	266.1
29.00		0.00	1.00	6.400	10.816	176.380	0.650	0.000	1.00	3.536	2.30	24.9	0.0	265.2
30.00		0.00	1.00	6.400	10.816	175.565	0.650	0.000	1.00	3.519	2.29	24.7	0.0	264.3
31.00		0.00	1.00	6.400	10.816	174.751	0.650	0.000	1.00	3.503	2.28	24.6	0.0	263.4
32.00		0.00	1.00	6.400	10.816	173.936	0.650	0.000	1.00	3.487	2.27	24.5	0.0	262.4
33.00		0.00	1.00	6.400	10.816	173.122	0.650	0.000	1.00	3.471	2.26	24.4	0.0	261.5
34.00		0.00	1.00	6.455	10.909	173.044	0.650	0.000	1.00	3.454	2.25	24.5	0.0	260.6
35.00		0.00	1.01	6.509	10.999	172.940	0.650	0.000	1.00	3.438	2.23	24.6	0.0	259.7
36.00		0.00	1.02	6.561	11.088	172.813	0.650	0.000	1.00	3.422	2.22	24.7	0.0	258.7
37.00		0.00	1.03	6.613	11.175	172.663	0.650	0.000	1.00	3.405	2.21	24.7	0.0	257.8
38.00		0.00	1.04	6.663	11.261	172.491	0.650	0.000	1.00	3.389	2.20	24.8	0.0	256.9
39.00		0.00	1.04	6.713	11.345	172.298	0.650	0.000	1.00	3.373	2.19	24.9	0.0	256.0
40.00		0.00	1.05	6.762	11.427	172.085	0.650	0.000	1.00	3.357	2.18	24.9	0.0	255.0
41.00		0.00	1.06	6.809	11.508	171.853	0.650	0.000	1.00	3.340	2.17	25.0	0.0	254.1
41.04	Bot - Section 2	0.00	1.06	6.811	11.511	171.844	0.650	0.000	0.04	0.121	0.08	0.9	0.0	9.2
42.00		0.00	1.07	6.857	11.588	171.602	0.650	0.000	0.96	3.263	2.12	24.6	0.0	401.1
43.00		0.00	1.07	6.903	11.666	171.334	0.650	0.000	1.00	3.370	2.19	25.6	0.0	414.6
44.00		0.00	1.08	6.948	11.743	171.049	0.650	0.000	1.00	3.354	2.18	25.6	0.0	412.8
45.00		0.00	1.09	6.993	11.818	170.748	0.650	0.000	1.00	3.338	2.17	25.6	0.0	411.1
46.00		0.00	1.10	7.037	11.893	170.431	0.650	0.000	1.00	3.321	2.16	25.7	0.0	409.4
46.63	Top - Section 1	0.00	1.10	7.064	11.939	170.223	0.650	0.000	0.63	2.084	1.35	16.2	0.0	257.0
47.00		0.00	1.10	7.080	11.966	173.385	0.650	0.000	0.37	1.221	0.79	9.5	0.0	83.5
48.00		0.00	1.11	7.123	12.038	173.048	0.650	0.000	1.00	3.289	2.14	25.7	0.0	225.1

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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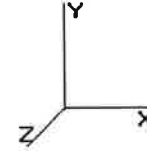
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Load Case: Twist/Sway		50.00 mph Wind with No Ice										28 Iterations	
Gust Response Factor 1.69													
Dead Load Factor : 1.00													
Wind Load Factor : 1.00													
49.00		0.00	1.12	7.165	12.109	172.6970.650	0.000	1.00	3.272	2.13	25.8	0.0	224.3
50.00		0.00	1.12	7.207	12.179	172.3320.650	0.000	1.00	3.256	2.12	25.8	0.0	223.5
51.00		0.00	1.13	7.248	12.248	171.9530.650	0.000	1.00	3.240	2.11	25.8	0.0	222.7
52.00		0.00	1.13	7.288	12.317	171.5620.650	0.000	1.00	3.224	2.10	25.8	0.0	221.9
53.00		0.00	1.14	7.328	12.384	171.1580.650	0.000	1.00	3.207	2.08	25.8	0.0	221.2
54.00		0.00	1.15	7.367	12.450	170.7420.650	0.000	1.00	3.191	2.07	25.8	0.0	220.4
55.00		0.00	1.15	7.406	12.516	170.3140.650	0.000	1.00	3.175	2.06	25.8	0.0	219.6
56.00		0.00	1.16	7.444	12.580	169.8740.650	0.000	1.00	3.158	2.05	25.8	0.0	218.8
57.00		0.00	1.16	7.482	12.644	169.4240.650	0.000	1.00	3.142	2.04	25.8	0.0	218.0
58.00		0.00	1.17	7.519	12.707	168.9620.650	0.000	1.00	3.126	2.03	25.8	0.0	217.2
59.00		0.00	1.18	7.556	12.769	168.4900.650	0.000	1.00	3.110	2.02	25.8	0.0	216.4
60.00		0.00	1.18	7.592	12.831	168.0080.650	0.000	1.00	3.093	2.01	25.8	0.0	215.6
61.00		0.00	1.19	7.628	12.891	167.5160.650	0.000	1.00	3.077	2.00	25.8	0.0	214.8
62.00		0.00	1.19	7.664	12.951	167.0150.650	0.000	1.00	3.061	1.99	25.8	0.0	214.0
63.00		0.00	1.20	7.699	13.011	166.5030.650	0.000	1.00	3.044	1.98	25.7	0.0	213.2
64.00		0.00	1.20	7.733	13.069	165.9830.650	0.000	1.00	3.028	1.97	25.7	0.0	212.4
65.00		0.00	1.21	7.768	13.127	165.4540.650	0.000	1.00	3.012	1.96	25.7	0.0	211.7
66.00		0.00	1.21	7.802	13.185	164.9160.650	0.000	1.00	2.996	1.95	25.7	0.0	210.9
67.00		0.00	1.22	7.835	13.242	164.3690.650	0.000	1.00	2.979	1.94	25.6	0.0	210.1
68.00		0.00	1.22	7.869	13.298	163.8140.650	0.000	1.00	2.963	1.93	25.6	0.0	209.3
69.00		0.00	1.23	7.901	13.353	163.2510.650	0.000	1.00	2.947	1.92	25.6	0.0	208.5
70.00		0.00	1.24	7.934	13.408	162.6800.650	0.000	1.00	2.930	1.90	25.5	0.0	207.7
71.00		0.00	1.24	7.966	13.463	162.1020.650	0.000	1.00	2.914	1.89	25.5	0.0	206.9
72.00		0.00	1.25	7.998	13.517	161.5150.650	0.000	1.00	2.898	1.88	25.5	0.0	206.1
73.00		0.00	1.25	8.030	13.570	160.9220.650	0.000	1.00	2.881	1.87	25.4	0.0	205.3
74.00		0.00	1.26	8.061	13.623	160.3210.650	0.000	1.00	2.865	1.86	25.4	0.0	204.5
75.00	Appertunance(s)	0.00	1.26	8.092	13.675	159.7130.650	0.000	1.00	2.849	1.85	25.3	0.0	203.7
76.00		0.00	1.26	8.123	13.727	159.0970.650	0.000	1.00	2.833	1.84	25.3	0.0	202.9
77.00		0.00	1.27	8.153	13.779	158.4760.650	0.000	1.00	2.816	1.83	25.2	0.0	202.2
78.00		0.00	1.27	8.183	13.829	157.8470.650	0.000	1.00	2.800	1.82	25.2	0.0	201.4
79.00		0.00	1.28	8.213	13.880	157.2120.650	0.000	1.00	2.784	1.81	25.1	0.0	200.6
80.00		0.00	1.28	8.242	13.930	156.5700.650	0.000	1.00	2.767	1.80	25.1	0.0	199.8
81.00		0.00	1.29	8.272	13.979	155.9220.650	0.000	1.00	2.751	1.79	25.0	0.0	199.0
81.49	Bot - Section 3	0.00	1.29	8.286	14.004	155.6020.650	0.000	0.49	1.346	0.87	12.3	0.0	97.5
82.00		0.00	1.29	8.301	14.028	155.2680.650	0.000	0.51	1.415	0.92	12.9	0.0	157.5
83.00		0.00	1.30	8.330	14.077	154.6080.650	0.000	1.00	2.771	1.80	25.4	0.0	308.6
84.00		0.00	1.30	8.358	14.125	153.9420.650	0.000	1.00	2.754	1.79	25.3	0.0	307.1
85.00		0.00	1.31	8.387	14.173	153.2700.650	0.000	1.00	2.738	1.78	25.2	0.0	305.7
86.00		0.00	1.31	8.415	14.221	152.5930.650	0.000	1.00	2.722	1.77	25.2	0.0	304.2
86.18	Top - Section 2	0.00	1.31	8.420	14.229	152.4730.650	0.000	0.18	0.478	0.31	4.4	0.0	53.5
87.00		0.00	1.31	8.442	14.268	154.9000.650	0.000	0.82	2.227	1.45	20.7	0.0	144.4
88.00		0.00	1.32	8.470	14.314	154.2160.650	0.000	1.00	2.689	1.75	25.0	0.0	174.7
89.00		0.00	1.32	8.497	14.361	153.5270.650	0.000	1.00	2.673	1.74	25.0	0.0	174.0
90.00		0.00	1.33	8.525	14.407	152.8320.650	0.000	1.00	2.657	1.73	24.9	0.0	173.3
91.00		0.00	1.33	8.552	14.452	152.1320.650	0.000	1.00	2.640	1.72	24.8	0.0	172.7
92.00		0.00	1.34	8.578	14.497	151.4270.650	0.000	1.00	2.624	1.71	24.7	0.0	172.0
93.00		0.00	1.34	8.605	14.542	150.7170.650	0.000	1.00	2.608	1.70	24.6	0.0	171.4
94.00		0.00	1.34	8.631	14.587	150.0010.650	0.000	1.00	2.591	1.68	24.6	0.0	170.7
95.00		0.00	1.35	8.657	14.631	149.2810.650	0.000	1.00	2.575	1.67	24.5	0.0	170.0
96.00		0.00	1.35	8.683	14.675	148.5560.650	0.000	1.00	2.559	1.66	24.4	0.0	169.4
97.00		0.00	1.36	8.709	14.718	147.8250.650	0.000	1.00	2.543	1.65	24.3	0.0	168.7
98.00		0.00	1.36	8.735	14.761	147.0910.650	0.000	1.00	2.526	1.64	24.2	0.0	168.1
99.00		0.00	1.36	8.760	14.804	146.3510.650	0.000	1.00	2.510	1.63	24.2	0.0	167.4
100.0	Appertunance(s)	0.00	1.37	8.785	14.847	145.6070.650	0.000	1.00	2.494	1.62	24.1	0.0	166.7
101.0		0.00	1.37	8.810	14.889	144.8590.650	0.000	1.00	2.477	1.61	24.0	0.0	166.1
102.0		0.00	1.38	8.835	14.931	144.1060.650	0.000	1.00	2.461	1.60	23.9	0.0	165.4
103.0		0.00	1.38	8.860	14.973	143.3480.650	0.000	1.00	2.445	1.59	23.8	0.0	164.8

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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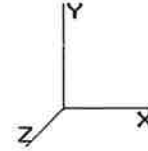
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.0		0.00	1.38	8.884	15.014	142.5870.650	0.000	1.00	2.429	1.58	23.7	0.0	164.1
105.0		0.00	1.39	8.908	15.055	141.8210.650	0.000	1.00	2.412	1.57	23.6	0.0	163.4
106.0		0.00	1.39	8.933	15.096	141.0510.650	0.000	1.00	2.396	1.56	23.5	0.0	162.8
107.0		0.00	1.39	8.957	15.137	140.2770.650	0.000	1.00	2.380	1.55	23.4	0.0	162.1
108.0		0.00	1.40	8.980	15.177	139.4980.650	0.000	1.00	2.363	1.54	23.3	0.0	161.5
108.7	Reinf. Top	0.00	1.40	8.998	15.207	138.9120.650	0.000	0.75	1.762	1.15	17.4	0.0	120.7
109.0		0.00	1.40	9.004	15.217	138.7160.650	0.000	0.25	0.585	0.38	5.8	0.0	23.4
110.0	Appertunance(s)	0.00	1.41	9.028	15.257	137.9300.650	0.000	1.00	2.331	1.52	23.1	0.0	93.3
111.0		0.00	1.41	9.051	15.296	137.1400.650	0.000	1.00	2.315	1.50	23.0	0.0	92.7
112.0		0.00	1.41	9.074	15.335	136.3460.650	0.000	1.00	2.298	1.49	22.9	0.0	92.0
113.0		0.00	1.42	9.097	15.374	135.5480.650	0.000	1.00	2.282	1.48	22.8	0.0	91.4
114.0		0.00	1.42	9.120	15.413	134.7460.650	0.000	1.00	2.266	1.47	22.7	0.0	90.7
115.0		0.00	1.42	9.143	15.452	133.9410.650	0.000	1.00	2.249	1.46	22.6	0.0	90.0
116.0		0.00	1.43	9.166	15.490	133.1320.650	0.000	1.00	2.233	1.45	22.5	0.0	89.4
117.0		0.00	1.43	9.188	15.528	132.3190.650	0.000	1.00	2.217	1.44	22.4	0.0	88.7
118.0		0.00	1.43	9.211	15.566	131.5030.650	0.000	1.00	2.201	1.43	22.3	0.0	88.1
119.0		0.00	1.44	9.233	15.603	130.6840.650	0.000	1.00	2.184	1.42	22.2	0.0	87.4
120.0	Appertunance(s)	0.00	1.44	9.255	15.641	129.8600.650	0.000	1.00	2.168	1.41	22.0	0.0	86.7
121.0		0.00	1.45	9.277	15.678	129.0340.650	0.000	1.00	2.152	1.40	21.9	0.0	86.1
122.0		0.00	1.45	9.299	15.715	128.2040.650	0.000	1.00	2.135	1.39	21.8	0.0	85.4
123.0		0.00	1.45	9.320	15.751	127.3710.650	0.000	1.00	2.119	1.38	21.7	0.0	84.8
124.0		0.00	1.46	9.342	15.788	126.5340.650	0.000	1.00	2.103	1.37	21.6	0.0	84.1
124.9	Bot - Section 4	0.00	1.46	9.363	15.824	125.6990.650	0.000	0.99	2.074	1.35	21.3	0.0	82.9
125.0		0.00	1.46	9.363	15.824	125.6940.650	0.000	0.01	0.013	0.01	0.1	0.0	0.9
126.0		0.00	1.46	9.385	15.860	124.8510.650	0.000	1.00	2.112	1.37	21.8	0.0	150.5
127.0		0.00	1.47	9.406	15.896	124.0050.650	0.000	1.00	2.096	1.36	21.7	0.0	149.4
128.0		0.00	1.47	9.427	15.932	123.1550.650	0.000	1.00	2.079	1.35	21.5	0.0	148.2
128.6	Top - Section 3	0.00	1.47	9.441	15.956	122.5740.650	0.000	0.68	1.408	0.91	14.6	0.0	100.3
129.0		0.00	1.47	9.448	15.967	124.8340.650	0.000	0.32	0.655	0.43	6.8	0.0	21.0
130.0		0.00	1.48	9.469	16.003	123.9810.650	0.000	1.00	2.047	1.33	21.3	0.0	65.6
131.0	Appertunance(s)	0.00	1.48	9.490	16.038	123.1250.650	0.000	1.00	2.030	1.32	21.2	0.0	65.1
132.0		0.00	1.48	9.510	16.073	122.2660.650	0.000	1.00	2.014	1.31	21.0	0.0	64.6
133.0	Appertunance(s)	0.00	1.48	9.531	16.107	121.4040.650	0.000	1.00	1.998	1.30	20.9	0.0	64.1
134.0		0.00	1.49	9.551	16.142	120.5390.650	0.000	1.00	1.982	1.29	20.8	0.0	63.5
135.0		0.00	1.49	9.572	16.176	119.6710.650	0.000	1.00	1.965	1.28	20.7	0.0	63.0
136.0		0.00	1.49	9.592	16.210	118.8000.650	0.000	1.00	1.949	1.27	20.5	0.0	62.5
137.0	Appertunance(s)	0.00	1.50	9.612	16.244	117.9260.650	0.000	1.00	1.933	1.26	20.4	0.0	61.9
138.0		0.00	1.50	9.632	16.278	117.0490.650	0.000	1.00	1.916	1.25	20.3	0.0	61.4
139.0		0.00	1.50	9.652	16.312	116.1700.650	0.000	1.00	1.900	1.24	20.1	0.0	60.9
140.0		0.00	1.51	9.672	16.345	115.2880.650	0.000	1.00	1.884	1.22	20.0	0.0	60.4
141.0	Appertunance(s)	0.00	1.51	9.691	16.378	114.4030.650	0.000	1.00	1.868	1.21	19.9	0.0	59.8
142.0		0.00	1.51	9.711	16.411	113.5150.650	0.000	1.00	1.851	1.20	19.7	0.0	59.3
143.0		0.00	1.52	9.730	16.444	112.6240.650	0.000	1.00	1.835	1.19	19.6	0.0	58.8
144.0		0.00	1.52	9.750	16.477	111.7310.650	0.000	1.00	1.819	1.18	19.5	0.0	58.2
145.0		0.00	1.52	9.769	16.510	110.8360.650	0.000	1.00	1.802	1.17	19.3	0.0	57.7
146.0		0.00	1.52	9.788	16.542	109.9370.650	0.000	1.00	1.786	1.16	19.2	0.0	57.2
147.0		0.00	1.53	9.807	16.574	109.0360.650	0.000	1.00	1.770	1.15	19.1	0.0	56.7
147.9	Appertunance(s)	0.00	1.53	9.826	16.606	108.1420.650	0.000	0.99	1.736	1.13	18.7	0.0	55.6
148.0	Appertunance(s)	0.00	1.53	9.826	16.607	108.1330.650	0.000	0.01	0.017	0.01	0.2	0.0	0.6
Totals:							148.00			3,596.2	0.0	29,277.8	

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 28 Iterations

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

Discrete Appurtenance Segment Forces

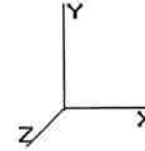
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	8.092	13.675	0.33	0.03	0.000	0.000	0.41	0.00	0.00	0.60
75.00	Side Arm	1	8.092	13.675	1.00	3.00	0.000	0.000	41.03	0.00	0.00	30.00
100.0	Antel BCD-87010_4°	1	8.908	15.055	1.00	2.90	0.000	5.000	43.66	0.00	218.30	26.50
100.0	Side Arm	1	8.785	14.847	1.00	5.20	0.000	0.000	77.20	0.00	0.00	150.00
110.0	Flat Side Arm	2	9.028	15.257	0.90	11.34	0.000	0.000	173.01	0.00	0.00	300.00
110.0	Diamond X50A	2	9.093	15.367	1.00	2.24	0.000	2.800	34.42	0.00	96.38	4.60
120.0	RFS APXVTM14-C-I20	3	9.255	15.641	0.78	16.15	0.000	0.000	252.54	0.00	0.00	158.70
120.0	Alcatel-Lucent 2X50W	3	9.255	15.641	0.50	3.60	0.000	0.000	56.31	0.00	0.00	159.00
120.0	Alcatel-Lucent 4x40W	3	9.255	15.641	0.67	7.70	0.000	0.000	120.41	0.00	0.00	273.00
120.0	RFS APXVSP18-C-	3	9.255	15.641	0.67	16.60	0.000	0.000	259.68	0.00	0.00	171.00
120.0	Flat Low Profile Pla	1	9.255	15.641	1.00	26.10	0.000	0.000	408.22	0.00	0.00	1,500.00
120.0	Alcatel-LucentTD-RRH	3	9.255	15.641	0.67	9.49	0.000	0.000	148.39	0.00	0.00	198.30
131.0	Flat Low Profile Pla	1	9.490	16.038	1.00	26.10	0.000	0.000	418.58	0.00	0.00	1,500.00
131.0	48" x 12" Panel	9	9.531	16.107	0.67	33.77	0.000	2.000	543.91	0.00	1,087.82	270.00
131.0	72" x 12" Panel	3	9.531	16.107	0.67	16.88	0.000	2.000	271.95	0.00	543.91	120.00
133.0	KMW KMDAPS2040000	3	9.531	16.107	0.33	1.13	0.000	0.000	18.18	0.00	0.00	47.70
137.0	NextNet BTS-2500	3	9.612	16.244	0.33	2.10	0.000	0.000	34.09	0.00	0.00	105.00
137.0	Round Side Arm	1	9.612	16.244	1.00	5.20	0.000	0.000	84.47	0.00	0.00	150.00
137.0	Argus LLPX310R	3	9.612	16.244	0.62	8.98	0.000	0.000	145.93	0.00	0.00	85.80
137.0	DragonWave Horizon	1	9.612	16.244	0.33	0.14	0.000	0.000	2.31	0.00	0.00	10.60
137.0	DragonWave A-ANT-	1	9.612	16.244	1.00	8.43	0.000	0.000	136.94	0.00	0.00	47.60
141.0	Antel BXA-70063/6CF	3	9.730	16.444	0.64	14.86	0.000	2.000	244.38	0.00	488.75	44.70
141.0	Antel BXA-171063/8BF	3	9.730	16.444	0.90	7.83	0.000	2.000	128.76	0.00	257.52	31.50
141.0	Antel BXA-80080/6CF	2	9.730	16.444	0.65	10.27	0.000	2.000	168.88	0.00	337.77	44.00
141.0	RFS DB-T1-6Z-8AB-OZ	1	9.730	16.444	1.00	5.60	0.000	2.000	92.09	0.00	184.18	44.00
141.0	Flat Low Profile Pla	1	9.691	16.378	1.00	26.10	0.000	0.000	427.47	0.00	0.00	1,500.00
141.0	Antel BXA-70063/6CF	1	9.730	16.444	0.64	4.95	0.000	2.000	81.46	0.00	162.92	14.90
141.0	Antel BXA-80063-6BF-	1	9.730	16.444	0.78	5.82	0.000	2.000	95.69	0.00	191.37	19.20
141.0	RFS FD9R6004	6	9.730	16.444	0.33	0.73	0.000	2.000	12.05	0.00	24.09	18.60
141.0	Rymsa MGD3-800T0	3	9.730	16.444	0.69	7.14	0.000	2.000	117.44	0.00	234.87	59.40
147.9	Algon 7770.00	6	9.901	16.733	0.64	22.58	0.000	4.000	377.82	0.00	1,511.30	210.00
147.9	Ericsson RRUS 11 (Ba	6	9.901	16.733	0.50	8.82	0.000	4.000	147.59	0.00	590.35	330.00
147.9	Powerwave LGP21401	12	9.901	16.733	0.33	5.11	0.000	4.000	85.48	0.00	341.92	169.20
147.9	Powerwave P65-16-	3	9.901	16.733	0.66	16.63	0.000	4.000	278.31	0.00	1,113.23	159.00
147.9	Raycap DC6-48-60-18-	1	9.901	16.733	1.00	1.47	0.000	4.000	24.60	0.00	98.39	31.80
147.9	Flat Platform w/ Han	1	9.826	16.606	1.00	42.40	0.000	0.000	704.10	0.00	0.00	2,000.00
148.0	Andrew E15S09P94	3	10.048	16.981	0.33	0.65	0.000	12.000	11.10	0.00	133.14	43.80
148.0	Andrew TMZXXX-6516-	1	10.048	16.981	0.57	6.55	0.000	12.000	111.21	0.00	1,334.54	35.20
148.0	Andrew ADFD1820-	2	10.048	16.981	0.62	7.53	0.000	12.000	127.81	0.00	1,533.72	44.00
148.0	RFS ATMAP1412D-	3	10.048	16.981	0.33	1.16	0.000	12.000	19.67	0.00	236.02	39.00
148.0	Pipe	1	9.826	16.607	1.00	6.40	0.000	0.000	106.28	0.00	0.00	200.00
									6,633.81			10,346.70

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

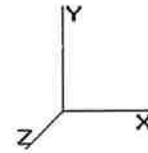
Linear Appurtenance Segment Forces

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	F X (lb)	Dead Load (lb)
1.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
2.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
3.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
4.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
5.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
6.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
6.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
6.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
6.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
6.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
6.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
6.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
6.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
7.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
7.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
7.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
7.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
7.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
7.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
7.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
7.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
8.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
8.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
8.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
8.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
8.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
8.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
8.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
9.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
9.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
9.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
9.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
9.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
9.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
9.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
9.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
9.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
10.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
10.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
10.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
10.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
10.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
10.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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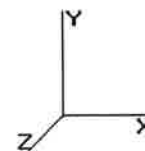
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

10.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
10.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
10.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
10.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
11.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
11.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
11.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
11.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
11.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
11.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
11.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
11.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
11.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
12.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
12.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
12.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
12.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
12.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
12.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
12.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
12.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
12.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
13.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
13.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
13.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
13.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
13.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
13.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
13.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
13.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
13.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
14.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
14.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
14.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
14.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
14.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
14.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
14.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
14.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
14.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
15.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
15.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
15.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
15.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
15.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
15.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
15.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
15.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
15.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
16.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
16.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **28 Iterations**

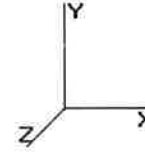
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

16.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
16.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
16.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
16.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
16.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
17.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
17.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
17.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
17.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
17.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
17.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
17.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
17.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
17.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
18.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
18.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
18.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
18.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
18.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
18.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
18.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
18.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
18.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
19.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
19.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
19.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
19.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
19.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
19.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
19.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
19.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
19.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
20.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
20.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
20.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
20.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
20.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
20.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
20.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
20.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
20.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
21.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
21.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
21.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
21.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
21.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
21.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
21.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
21.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
21.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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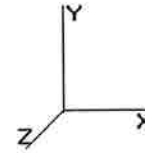
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

22.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
22.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
22.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
22.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
22.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
22.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
22.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
22.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
22.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
23.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
23.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
23.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
23.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
23.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
23.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
23.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
23.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
23.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
24.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
24.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
24.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
24.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
24.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
24.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
24.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
25.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
25.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
25.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
25.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
25.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
25.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
25.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
25.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
25.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
26.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
26.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
26.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
26.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
26.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
26.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
26.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
26.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
26.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
27.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
27.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
27.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
27.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
27.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
27.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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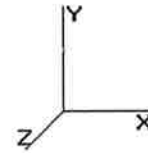
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

27.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
27.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
27.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
28.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
28.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
28.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
28.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
28.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
28.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
28.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
28.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
29.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
29.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
29.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
29.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
29.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
29.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
29.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
29.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
30.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
30.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
30.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
30.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
30.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
30.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
30.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
30.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
31.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
31.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
31.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
31.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
31.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
31.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
31.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
31.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
32.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
32.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
32.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65
32.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
32.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
32.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
32.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
32.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
32.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.400	2.16	4.92
33.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.400	2.16	1.30
33.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
33.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.400	2.60	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **28 Iterations**

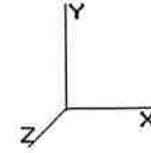
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

33.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.400	0.00	5.67
33.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.400	0.00	3.00
33.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.400	5.41	0.00
33.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
33.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.400	0.00	0.15
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.455	2.18	4.92
34.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.455	2.18	1.30
34.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.455	0.00	0.15
34.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.455	2.62	3.65
34.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.455	0.00	5.67
34.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.455	0.00	3.00
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.455	0.00	3.00
34.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.455	5.45	0.00
34.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.455	0.00	0.33
34.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.455	0.00	0.15
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.509	2.20	4.92
35.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.509	2.20	1.30
35.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.509	0.00	0.15
35.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.509	2.64	3.65
35.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.509	0.00	5.67
35.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.509	0.00	3.00
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.509	0.00	3.00
35.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.509	5.50	0.00
35.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.509	0.00	0.33
35.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.509	0.00	0.15
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.561	2.22	4.92
36.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.561	2.22	1.30
36.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.561	0.00	0.15
36.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.561	2.66	3.65
36.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.561	0.00	5.67
36.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.561	0.00	3.00
36.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.561	0.00	3.00
36.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.561	5.54	0.00
36.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.561	0.00	0.33
36.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.561	0.00	0.15
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.613	2.24	4.92
37.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.613	2.24	1.30
37.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.613	0.00	0.15
37.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.613	2.68	3.65
37.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.613	0.00	5.67
37.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.613	0.00	3.00
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.613	0.00	3.00
37.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.613	5.59	0.00
37.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.613	0.00	0.33
37.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.613	0.00	0.15
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.663	2.25	4.92
38.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.663	2.25	1.30
38.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.663	0.00	0.15
38.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.663	2.70	3.65
38.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.663	0.00	5.67
38.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.663	0.00	3.00
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.663	0.00	3.00
38.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.663	5.63	0.00
38.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.663	0.00	0.33
38.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.663	0.00	0.15
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.713	2.27	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **28 Iterations**

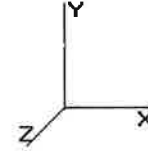
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

39.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.713	2.27	1.30
39.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.713	0.00	0.15
39.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.713	2.72	3.65
39.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.713	0.00	5.67
39.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.713	0.00	3.00
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.713	0.00	3.00
39.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.713	5.67	0.00
39.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.713	0.00	0.33
39.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.713	0.00	0.15
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.762	2.29	4.92
40.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.762	2.29	1.30
40.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.762	0.00	0.15
40.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.762	2.74	3.65
40.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.762	0.00	5.67
40.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.762	0.00	3.00
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.762	0.00	3.00
40.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.762	5.71	0.00
40.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.762	0.00	0.33
40.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.762	0.00	0.15
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.809	2.30	4.92
41.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.809	2.30	1.30
41.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.809	0.00	0.15
41.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.809	2.76	3.65
41.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.809	0.00	5.67
41.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.809	0.00	3.00
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.809	0.00	3.00
41.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.809	5.75	0.00
41.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.809	0.00	0.33
41.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.809	0.00	0.15
41.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.20	6.811	0.08	0.18
41.04	(1) 1 5/8" Hybriflex	Yes	0.04	1.30	0.20	6.811	0.08	0.05
41.04	(1) 1/2" Coax	Yes	0.04	0.15	0.00	6.811	0.00	0.01
41.04	(1) 2" Conduit	Yes	0.04	3.65	0.24	6.811	0.10	0.13
41.04	(9) 1 1/4" Coax	Yes	0.04	5.67	0.00	6.811	0.00	0.21
41.04	(3) 1 1/4" Hybriflex	Yes	0.04	3.00	0.00	6.811	0.00	0.11
41.04	(1) 1 1/4" Hybriflex	Yes	0.04	3.00	0.00	6.811	0.00	0.11
41.04	(4) DYWIDAG	Yes	0.04	0.00	0.50	6.811	0.21	0.00
41.04	(1) 7/8" Coax	Yes	0.04	0.33	0.00	6.811	0.00	0.01
41.04	(1) 1/2" Coax	Yes	0.04	0.15	0.00	6.811	0.00	0.01
42.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.20	6.857	2.23	4.74
42.00	(1) 1 5/8" Hybriflex	Yes	0.96	1.30	0.20	6.857	2.23	1.25
42.00	(1) 1/2" Coax	Yes	0.96	0.15	0.00	6.857	0.00	0.14
42.00	(1) 2" Conduit	Yes	0.96	3.65	0.24	6.857	2.68	3.52
42.00	(9) 1 1/4" Coax	Yes	0.96	5.67	0.00	6.857	0.00	5.46
42.00	(3) 1 1/4" Hybriflex	Yes	0.96	3.00	0.00	6.857	0.00	2.89
42.00	(1) 1 1/4" Hybriflex	Yes	0.96	3.00	0.00	6.857	0.00	2.89
42.00	(4) DYWIDAG	Yes	0.96	0.00	0.50	6.857	5.58	0.00
42.00	(1) 7/8" Coax	Yes	0.96	0.33	0.00	6.857	0.00	0.32
42.00	(1) 1/2" Coax	Yes	0.96	0.15	0.00	6.857	0.00	0.14
43.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.903	2.33	4.92
43.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.903	2.33	1.30
43.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.903	0.00	0.15
43.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.903	2.80	3.65
43.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.903	0.00	5.67
43.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.903	0.00	3.00
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.903	0.00	3.00
43.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.903	5.83	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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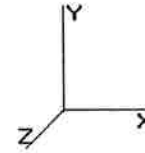
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

43.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.903	0.00	0.33
43.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.903	0.00	0.15
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.948	2.35	4.92
44.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.948	2.35	1.30
44.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.948	0.00	0.15
44.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.948	2.82	3.65
44.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.948	0.00	5.67
44.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.948	0.00	3.00
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.948	0.00	3.00
44.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.948	5.87	0.00
44.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.948	0.00	0.33
44.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.948	0.00	0.15
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	6.993	2.36	4.92
45.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	6.993	2.36	1.30
45.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.993	0.00	0.15
45.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	6.993	2.84	3.65
45.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	6.993	0.00	5.67
45.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.993	0.00	3.00
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	6.993	0.00	3.00
45.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	6.993	5.91	0.00
45.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.993	0.00	0.33
45.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	6.993	0.00	0.15
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.037	2.38	4.92
46.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.037	2.38	1.30
46.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.037	0.00	0.15
46.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.037	2.85	3.65
46.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.037	0.00	5.67
46.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.037	0.00	3.00
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.037	0.00	3.00
46.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.037	5.95	0.00
46.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.037	0.00	0.33
46.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.037	0.00	0.15
46.63	(6) 1 5/8" Coax	Yes	0.63	4.92	0.20	7.064	1.50	3.10
46.63	(1) 1 5/8" Hybriflex	Yes	0.63	1.30	0.20	7.064	1.50	0.82
46.63	(1) 1/2" Coax	Yes	0.63	0.15	0.00	7.064	0.00	0.09
46.63	(1) 2" Conduit	Yes	0.63	3.65	0.24	7.064	1.81	2.30
46.63	(9) 1 1/4" Coax	Yes	0.63	5.67	0.00	7.064	0.00	3.57
46.63	(3) 1 1/4" Hybriflex	Yes	0.63	3.00	0.00	7.064	0.00	1.89
46.63	(1) 1 1/4" Hybriflex	Yes	0.63	3.00	0.00	7.064	0.00	1.89
46.63	(4) DYWIDAG	Yes	0.63	0.00	0.50	7.064	3.76	0.00
46.63	(1) 7/8" Coax	Yes	0.63	0.33	0.00	7.064	0.00	0.21
46.63	(1) 1/2" Coax	Yes	0.63	0.15	0.00	7.064	0.00	0.09
47.00	(6) 1 5/8" Coax	Yes	0.37	4.92	0.20	7.080	0.89	1.82
47.00	(1) 1 5/8" Hybriflex	Yes	0.37	1.30	0.20	7.080	0.89	0.48
47.00	(1) 1/2" Coax	Yes	0.37	0.15	0.00	7.080	0.00	0.06
47.00	(1) 2" Conduit	Yes	0.37	3.65	0.24	7.080	1.06	1.35
47.00	(9) 1 1/4" Coax	Yes	0.37	5.67	0.00	7.080	0.00	2.10
47.00	(3) 1 1/4" Hybriflex	Yes	0.37	3.00	0.00	7.080	0.00	1.11
47.00	(1) 1 1/4" Hybriflex	Yes	0.37	3.00	0.00	7.080	0.00	1.11
47.00	(4) DYWIDAG	Yes	0.37	0.00	0.50	7.080	2.21	0.00
47.00	(1) 7/8" Coax	Yes	0.37	0.33	0.00	7.080	0.00	0.12
47.00	(1) 1/2" Coax	Yes	0.37	0.15	0.00	7.080	0.00	0.06
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.123	2.41	4.92
48.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.123	2.41	1.30
48.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.123	0.00	0.15
48.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.123	2.89	3.65
48.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.123	0.00	5.67

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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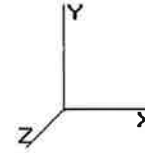
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

48.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.123	0.00	3.00
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.123	0.00	3.00
48.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.123	6.02	0.00
48.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.123	0.00	0.33
48.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.123	0.00	0.15
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.165	2.42	4.92
49.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.165	2.42	1.30
49.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.165	0.00	0.15
49.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.165	2.91	3.65
49.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.165	0.00	5.67
49.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.165	0.00	3.00
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.165	0.00	3.00
49.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.165	6.05	0.00
49.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.165	0.00	0.33
49.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.165	0.00	0.15
50.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.207	2.44	4.92
50.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.207	2.44	1.30
50.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.207	0.00	0.15
50.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.207	2.92	3.65
50.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.207	0.00	5.67
50.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.207	0.00	3.00
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.207	0.00	3.00
50.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.207	6.09	0.00
50.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.207	0.00	0.33
50.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.207	0.00	0.15
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.248	2.45	4.92
51.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.248	2.45	1.30
51.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.248	0.00	0.15
51.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.248	2.94	3.65
51.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.248	0.00	5.67
51.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.248	0.00	3.00
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.248	0.00	3.00
51.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.248	6.12	0.00
51.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.248	0.00	0.33
51.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.248	0.00	0.15
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.288	2.46	4.92
52.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.288	2.46	1.30
52.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.288	0.00	0.15
52.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.288	2.96	3.65
52.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.288	0.00	5.67
52.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.288	0.00	3.00
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.288	0.00	3.00
52.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.288	6.16	0.00
52.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.288	0.00	0.33
52.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.288	0.00	0.15
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.328	2.48	4.92
53.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.328	2.48	1.30
53.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.328	0.00	0.15
53.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.328	2.97	3.65
53.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.328	0.00	5.67
53.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.328	0.00	3.00
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.328	0.00	3.00
53.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.328	6.19	0.00
53.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.328	0.00	0.33
53.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.328	0.00	0.15
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.367	2.49	4.92
54.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.367	2.49	1.30

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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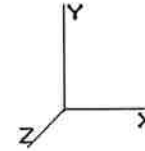
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

54.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.367	0.00	0.15
54.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.367	2.99	3.65
54.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.367	0.00	5.67
54.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.367	0.00	3.00
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.367	0.00	3.00
54.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.367	6.23	0.00
54.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.367	0.00	0.33
54.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.367	0.00	0.15
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.406	2.50	4.92
55.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.406	2.50	1.30
55.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.406	0.00	0.15
55.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.406	3.00	3.65
55.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.406	0.00	5.67
55.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.406	0.00	3.00
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.406	0.00	3.00
55.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.406	6.26	0.00
55.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.406	0.00	0.33
55.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.406	0.00	0.15
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.444	2.52	4.92
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.444	2.52	1.30
56.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.444	0.00	0.15
56.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.444	3.02	3.65
56.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.444	0.00	5.67
56.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.444	0.00	3.00
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.444	0.00	3.00
56.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.444	6.29	0.00
56.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.444	0.00	0.33
56.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.444	0.00	0.15
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.482	2.53	4.92
57.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.482	2.53	1.30
57.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.482	0.00	0.15
57.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.482	3.03	3.65
57.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.482	0.00	5.67
57.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.482	0.00	3.00
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.482	0.00	3.00
57.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.482	6.32	0.00
57.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.482	0.00	0.33
57.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.482	0.00	0.15
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.519	2.54	4.92
58.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.519	2.54	1.30
58.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.519	0.00	0.15
58.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.519	3.05	3.65
58.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.519	0.00	5.67
58.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.519	0.00	3.00
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.519	0.00	3.00
58.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.519	6.35	0.00
58.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.519	0.00	0.33
58.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.519	0.00	0.15
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.556	2.55	4.92
59.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.556	2.55	1.30
59.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.556	0.00	0.15
59.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.556	3.06	3.65
59.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.556	0.00	5.67
59.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.556	0.00	3.00
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.556	0.00	3.00
59.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.556	6.38	0.00
59.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.556	0.00	0.33

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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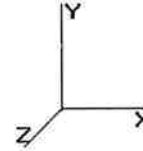
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

59.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.556	0.00	0.15
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.592	2.57	4.92
60.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.592	2.57	1.30
60.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.592	0.00	0.15
60.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.592	3.08	3.65
60.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.592	0.00	5.67
60.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.592	0.00	3.00
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.592	0.00	3.00
60.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.592	6.42	0.00
60.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.592	0.00	0.33
60.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.592	0.00	0.15
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.628	2.58	4.92
61.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.628	2.58	1.30
61.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.628	0.00	0.15
61.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.628	3.09	3.65
61.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.628	0.00	5.67
61.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.628	0.00	3.00
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.628	0.00	3.00
61.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.628	6.45	0.00
61.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.628	0.00	0.33
61.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.628	0.00	0.15
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.664	2.59	4.92
62.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.664	2.59	1.30
62.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.664	0.00	0.15
62.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.664	3.11	3.65
62.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.664	0.00	5.67
62.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.664	0.00	3.00
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.664	0.00	3.00
62.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.664	6.48	0.00
62.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.664	0.00	0.33
62.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.664	0.00	0.15
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.699	2.60	4.92
63.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.699	2.60	1.30
63.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.699	0.00	0.15
63.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.699	3.12	3.65
63.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.699	0.00	5.67
63.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.699	0.00	3.00
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.699	0.00	3.00
63.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.699	6.51	0.00
63.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.699	0.00	0.33
63.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.699	0.00	0.15
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.733	2.61	4.92
64.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.733	2.61	1.30
64.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.733	0.00	0.15
64.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.733	3.14	3.65
64.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.733	0.00	5.67
64.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.733	0.00	3.00
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.733	0.00	3.00
64.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.733	6.53	0.00
64.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.733	0.00	0.33
64.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.733	0.00	0.15
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.768	2.63	4.92
65.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.768	2.63	1.30
65.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.768	0.00	0.15
65.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.768	3.15	3.65
65.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.768	0.00	5.67
65.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.768	0.00	3.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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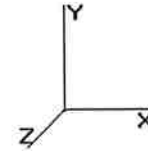
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

65.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.768	0.00	3.00
65.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.768	6.56	0.00
65.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.768	0.00	0.33
65.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.768	0.00	0.15
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.802	2.64	4.92
66.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.802	2.64	1.30
66.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.802	0.00	0.15
66.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.802	3.16	3.65
66.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.802	0.00	5.67
66.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.802	0.00	3.00
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.802	0.00	3.00
66.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.802	6.59	0.00
66.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.802	0.00	0.33
66.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.802	0.00	0.15
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.835	2.65	4.92
67.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.835	2.65	1.30
67.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.835	0.00	0.15
67.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.835	3.18	3.65
67.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.835	0.00	5.67
67.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.835	0.00	3.00
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.835	0.00	3.00
67.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.835	6.62	0.00
67.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.835	0.00	0.33
67.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.835	0.00	0.15
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.869	2.66	4.92
68.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.869	2.66	1.30
68.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.869	0.00	0.15
68.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.869	3.19	3.65
68.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.869	0.00	5.67
68.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.869	0.00	3.00
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.869	0.00	3.00
68.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.869	6.65	0.00
68.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.869	0.00	0.33
68.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.869	0.00	0.15
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.901	2.67	4.92
69.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.901	2.67	1.30
69.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.901	0.00	0.15
69.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.901	3.20	3.65
69.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.901	0.00	5.67
69.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.901	0.00	3.00
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.901	0.00	3.00
69.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.901	6.68	0.00
69.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.901	0.00	0.33
69.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.901	0.00	0.15
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.934	2.68	4.92
70.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.934	2.68	1.30
70.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.934	0.00	0.15
70.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.934	3.22	3.65
70.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.934	0.00	5.67
70.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.934	0.00	3.00
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.934	0.00	3.00
70.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.934	6.70	0.00
70.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.934	0.00	0.33
70.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.934	0.00	0.15
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.966	2.69	4.92
71.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.966	2.69	1.30
71.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.966	0.00	0.15

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **28 Iterations**

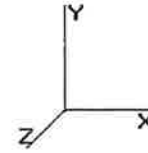
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

71.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.966	3.23	3.65
71.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.966	0.00	5.67
71.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.966	0.00	3.00
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.966	0.00	3.00
71.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.966	6.73	0.00
71.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.966	0.00	0.33
71.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.966	0.00	0.15
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	7.998	2.70	4.92
72.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	7.998	2.70	1.30
72.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.998	0.00	0.15
72.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	7.998	3.24	3.65
72.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	7.998	0.00	5.67
72.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.998	0.00	3.00
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	7.998	0.00	3.00
72.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	7.998	6.76	0.00
72.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	7.998	0.00	0.33
72.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	7.998	0.00	0.15
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.030	2.71	4.92
73.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.030	2.71	1.30
73.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.030	0.00	0.15
73.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.030	3.26	3.65
73.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.030	0.00	5.67
73.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.030	0.00	3.00
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.030	0.00	3.00
73.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.030	6.79	0.00
73.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.030	0.00	0.33
73.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.030	0.00	0.15
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.061	2.72	4.92
74.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.061	2.72	1.30
74.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.061	0.00	0.15
74.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.061	3.27	3.65
74.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.061	0.00	5.67
74.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.061	0.00	3.00
74.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.061	0.00	3.00
74.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.061	6.81	0.00
74.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.061	0.00	0.33
74.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.061	0.00	0.15
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.092	2.74	4.92
75.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.092	2.74	1.30
75.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.092	0.00	0.15
75.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.092	3.28	3.65
75.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.092	0.00	5.67
75.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.092	0.00	3.00
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.092	0.00	3.00
75.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.092	6.84	0.00
75.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.092	0.00	0.33
75.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.092	0.00	0.15
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.123	2.75	4.92
76.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.123	2.75	1.30
76.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.123	0.00	0.15
76.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.123	3.29	3.65
76.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.123	0.00	5.67
76.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.123	0.00	3.00
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.123	0.00	3.00
76.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.123	6.86	0.00
76.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.123	0.00	0.33
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.153	2.76	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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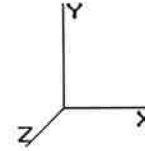
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

77.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.153	2.76	1.30
77.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.153	0.00	0.15
77.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.153	3.31	3.65
77.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.153	0.00	5.67
77.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.153	0.00	3.00
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.153	0.00	3.00
77.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.153	6.89	0.00
77.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.153	0.00	0.33
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.183	2.77	4.92
78.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.183	2.77	1.30
78.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.183	0.00	0.15
78.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.183	3.32	3.65
78.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.183	0.00	5.67
78.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.183	0.00	3.00
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.183	0.00	3.00
78.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.183	6.91	0.00
78.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.183	0.00	0.33
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.213	2.78	4.92
79.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.213	2.78	1.30
79.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.213	0.00	0.15
79.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.213	3.33	3.65
79.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.213	0.00	5.67
79.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.213	0.00	3.00
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.213	0.00	3.00
79.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.213	6.94	0.00
79.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.213	0.00	0.33
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.242	2.79	4.92
80.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.242	2.79	1.30
80.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.242	0.00	0.15
80.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.242	3.34	3.65
80.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.242	0.00	5.67
80.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.242	0.00	3.00
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.242	0.00	3.00
80.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.242	6.96	0.00
80.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.242	0.00	0.33
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.272	2.80	4.92
81.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.272	2.80	1.30
81.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.272	0.00	0.15
81.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.272	3.36	3.65
81.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.272	0.00	5.67
81.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.272	0.00	3.00
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.272	0.00	3.00
81.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.272	6.99	0.00
81.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.272	0.00	0.33
81.49	(6) 1 5/8" Coax	Yes	0.49	4.92	0.20	8.286	1.38	2.42
81.49	(1) 1 5/8" Hybriflex	Yes	0.49	1.30	0.20	8.286	1.38	0.64
81.49	(1) 1/2" Coax	Yes	0.49	0.15	0.00	8.286	0.00	0.07
81.49	(1) 2" Conduit	Yes	0.49	3.65	0.24	8.286	1.65	1.79
81.49	(9) 1 1/4" Coax	Yes	0.49	5.67	0.00	8.286	0.00	2.79
81.49	(3) 1 1/4" Hybriflex	Yes	0.49	3.00	0.00	8.286	0.00	1.47
81.49	(1) 1 1/4" Hybriflex	Yes	0.49	3.00	0.00	8.286	0.00	1.47
81.49	(4) DYWIDAG	Yes	0.49	0.00	0.50	8.286	3.44	0.00
81.49	(1) 7/8" Coax	Yes	0.49	0.33	0.00	8.286	0.00	0.16
82.00	(6) 1 5/8" Coax	Yes	0.51	4.92	0.20	8.301	1.43	2.50
82.00	(1) 1 5/8" Hybriflex	Yes	0.51	1.30	0.20	8.301	1.43	0.66
82.00	(1) 1/2" Coax	Yes	0.51	0.15	0.00	8.301	0.00	0.08
82.00	(1) 2" Conduit	Yes	0.51	3.65	0.24	8.301	1.71	1.86

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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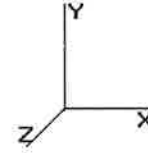
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

82.00	(9) 1 1/4" Coax	Yes	0.51	5.67	0.00	8.301	0.00	2.88
82.00	(3) 1 1/4" Hybriflex	Yes	0.51	3.00	0.00	8.301	0.00	1.53
82.00	(1) 1 1/4" Hybriflex	Yes	0.51	3.00	0.00	8.301	0.00	1.53
82.00	(4) DYWIDAG	Yes	0.51	0.00	0.50	8.301	3.57	0.00
82.00	(1) 7/8" Coax	Yes	0.51	0.33	0.00	8.301	0.00	0.17
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.330	2.82	4.92
83.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.330	2.82	1.30
83.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.330	0.00	0.15
83.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.330	3.38	3.65
83.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.330	0.00	5.67
83.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.330	0.00	3.00
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.330	0.00	3.00
83.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.330	7.04	0.00
83.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.330	0.00	0.33
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.358	2.83	4.92
84.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.358	2.83	1.30
84.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.358	0.00	0.15
84.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.358	3.39	3.65
84.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.358	0.00	5.67
84.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.358	0.00	3.00
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.358	0.00	3.00
84.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.358	7.06	0.00
84.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.358	0.00	0.33
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.387	2.83	4.92
85.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.387	2.83	1.30
85.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.387	0.00	0.15
85.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.387	3.40	3.65
85.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.387	0.00	5.67
85.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.387	0.00	3.00
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.387	0.00	3.00
85.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.387	7.09	0.00
85.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.387	0.00	0.33
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.415	2.84	4.92
86.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.415	2.84	1.30
86.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.415	0.00	0.15
86.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.415	3.41	3.65
86.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.415	0.00	5.67
86.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.415	0.00	3.00
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.415	0.00	3.00
86.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.415	7.11	0.00
86.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.415	0.00	0.33
86.18	(6) 1 5/8" Coax	Yes	0.18	4.92	0.20	8.420	0.50	0.87
86.18	(1) 1 5/8" Hybriflex	Yes	0.18	1.30	0.20	8.420	0.50	0.23
86.18	(1) 1/2" Coax	Yes	0.18	0.15	0.00	8.420	0.00	0.03
86.18	(1) 2" Conduit	Yes	0.18	3.65	0.24	8.420	0.60	0.64
86.18	(9) 1 1/4" Coax	Yes	0.18	5.67	0.00	8.420	0.00	1.00
86.18	(3) 1 1/4" Hybriflex	Yes	0.18	3.00	0.00	8.420	0.00	0.53
86.18	(1) 1 1/4" Hybriflex	Yes	0.18	3.00	0.00	8.420	0.00	0.53
86.18	(4) DYWIDAG	Yes	0.18	0.00	0.50	8.420	1.25	0.00
86.18	(1) 7/8" Coax	Yes	0.18	0.33	0.00	8.420	0.00	0.06
87.00	(6) 1 5/8" Coax	Yes	0.82	4.92	0.20	8.442	2.35	4.05
87.00	(1) 1 5/8" Hybriflex	Yes	0.82	1.30	0.20	8.442	2.35	1.07
87.00	(1) 1/2" Coax	Yes	0.82	0.15	0.00	8.442	0.00	0.12
87.00	(1) 2" Conduit	Yes	0.82	3.65	0.24	8.442	2.82	3.01
87.00	(9) 1 1/4" Coax	Yes	0.82	5.67	0.00	8.442	0.00	4.67
87.00	(3) 1 1/4" Hybriflex	Yes	0.82	3.00	0.00	8.442	0.00	2.47
87.00	(1) 1 1/4" Hybriflex	Yes	0.82	3.00	0.00	8.442	0.00	2.47

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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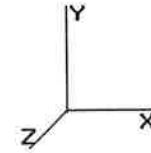
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

87.00	(4) DYWIDAG	Yes	0.82	0.00	0.50	8.442	5.88	0.00
87.00	(1) 7/8" Coax	Yes	0.82	0.33	0.00	8.442	0.00	0.27
88.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.470	2.86	4.92
88.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.470	2.86	1.30
88.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.470	0.00	0.15
88.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.470	3.44	3.65
88.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.470	0.00	5.67
88.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.470	0.00	3.00
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.470	0.00	3.00
88.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.470	7.16	0.00
88.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.470	0.00	0.33
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.497	2.87	4.92
89.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.497	2.87	1.30
89.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.497	0.00	0.15
89.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.497	3.45	3.65
89.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.497	0.00	5.67
89.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.497	0.00	3.00
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.497	0.00	3.00
89.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.497	7.18	0.00
89.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.497	0.00	0.33
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.525	2.88	4.92
90.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.525	2.88	1.30
90.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.525	0.00	0.15
90.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.525	3.46	3.65
90.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.525	0.00	5.67
90.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.525	0.00	3.00
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.525	0.00	3.00
90.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.525	7.20	0.00
90.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.525	0.00	0.33
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.552	2.89	4.92
91.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.552	2.89	1.30
91.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.552	0.00	0.15
91.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.552	3.47	3.65
91.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.552	0.00	5.67
91.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.552	0.00	3.00
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.552	0.00	3.00
91.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.552	7.23	0.00
91.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.552	0.00	0.33
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.578	2.90	4.92
92.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.578	2.90	1.30
92.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.578	0.00	0.15
92.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.578	3.48	3.65
92.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.578	0.00	5.67
92.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.578	0.00	3.00
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.578	0.00	3.00
92.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.578	7.25	0.00
92.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.578	0.00	0.33
93.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.605	2.91	4.92
93.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.605	2.91	1.30
93.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.605	0.00	0.15
93.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.605	3.49	3.65
93.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.605	0.00	5.67
93.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.605	0.00	3.00
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.605	0.00	3.00
93.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.605	7.27	0.00
93.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.605	0.00	0.33
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.631	2.92	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 28 Iterations

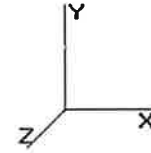
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

94.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.631	2.92	1.30
94.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.631	0.00	0.15
94.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.631	3.50	3.65
94.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.631	0.00	5.67
94.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.631	0.00	3.00
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.631	0.00	3.00
94.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.631	7.29	0.00
94.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.631	0.00	0.33
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.657	2.93	4.92
95.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.657	2.93	1.30
95.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.657	0.00	0.15
95.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.657	3.51	3.65
95.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.657	0.00	5.67
95.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.657	0.00	3.00
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.657	0.00	3.00
95.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.657	7.32	0.00
95.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.657	0.00	0.33
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.683	2.93	4.92
96.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.683	2.93	1.30
96.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.683	0.00	0.15
96.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.683	3.52	3.65
96.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.683	0.00	5.67
96.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.683	0.00	3.00
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.683	0.00	3.00
96.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.683	7.34	0.00
96.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.683	0.00	0.33
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.709	2.94	4.92
97.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.709	2.94	1.30
97.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.709	0.00	0.15
97.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.709	3.53	3.65
97.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.709	0.00	5.67
97.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.709	0.00	3.00
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.709	0.00	3.00
97.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.709	7.36	0.00
97.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.709	0.00	0.33
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.735	2.95	4.92
98.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.735	2.95	1.30
98.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.735	0.00	0.15
98.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.735	3.54	3.65
98.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.735	0.00	5.67
98.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.735	0.00	3.00
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.735	0.00	3.00
98.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.735	7.38	0.00
98.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.735	0.00	0.33
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.760	2.96	4.92
99.00	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.760	2.96	1.30
99.00	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.760	0.00	0.15
99.00	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.760	3.55	3.65
99.00	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.760	0.00	5.67
99.00	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.760	0.00	3.00
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.760	0.00	3.00
99.00	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.760	7.40	0.00
99.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.760	0.00	0.33
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.785	2.97	4.92
100.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.785	2.97	1.30
100.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.785	0.00	0.15
100.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.785	3.56	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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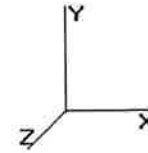
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

100.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.785	0.00	5.67
100.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.785	0.00	3.00
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.785	0.00	3.00
100.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.785	7.42	0.00
100.0	(1) 7/8" Coax	Yes	1.00	0.33	0.00	8.785	0.00	0.33
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.810	2.98	4.92
101.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.810	2.98	1.30
101.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.810	0.00	0.15
101.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.810	3.57	3.65
101.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.810	0.00	5.67
101.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.810	0.00	3.00
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.810	0.00	3.00
101.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.810	7.44	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.835	2.99	4.92
102.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.835	2.99	1.30
102.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.835	0.00	0.15
102.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.835	3.58	3.65
102.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.835	0.00	5.67
102.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.835	0.00	3.00
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.835	0.00	3.00
102.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.835	7.47	0.00
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.860	2.99	4.92
103.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.860	2.99	1.30
103.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.860	0.00	0.15
103.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.860	3.59	3.65
103.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.860	0.00	5.67
103.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.860	0.00	3.00
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.860	0.00	3.00
103.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.860	7.49	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.884	3.00	4.92
104.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.884	3.00	1.30
104.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.884	0.00	0.15
104.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.884	3.60	3.65
104.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.884	0.00	5.67
104.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.884	0.00	3.00
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.884	0.00	3.00
104.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.884	7.51	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.908	3.01	4.92
105.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.908	3.01	1.30
105.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.908	0.00	0.15
105.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.908	3.61	3.65
105.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.908	0.00	5.67
105.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.908	0.00	3.00
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.908	0.00	3.00
105.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.908	7.53	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.933	3.02	4.92
106.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.933	3.02	1.30
106.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.933	0.00	0.15
106.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.933	3.62	3.65
106.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.933	0.00	5.67
106.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.933	0.00	3.00
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.933	0.00	3.00
106.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.933	7.55	0.00
107.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.957	3.03	4.92
107.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.957	3.03	1.30
107.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.957	0.00	0.15
107.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.957	3.63	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

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Base Elev : 0.000 (ft)

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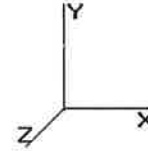
Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

107.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.957	0.00	5.67
107.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.957	0.00	3.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.957	0.00	3.00
107.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.957	7.57	0.00
108.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	8.980	3.04	4.92
108.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	8.980	3.04	1.30
108.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	8.980	0.00	0.15
108.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	8.980	3.64	3.65
108.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	8.980	0.00	5.67
108.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.980	0.00	3.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	8.980	0.00	3.00
108.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	8.980	7.59	0.00
108.7	(6) 1 5/8" Coax	Yes	0.75	4.92	0.20	8.998	2.28	3.69
108.7	(1) 1 5/8" Hybriflex	Yes	0.75	1.30	0.20	8.998	2.28	0.97
108.7	(1) 1/2" Coax	Yes	0.75	0.15	0.00	8.998	0.00	0.11
108.7	(1) 2" Conduit	Yes	0.75	3.65	0.24	8.998	2.74	2.74
108.7	(9) 1 1/4" Coax	Yes	0.75	5.67	0.00	8.998	0.00	4.25
108.7	(3) 1 1/4" Hybriflex	Yes	0.75	3.00	0.00	8.998	0.00	2.25
108.7	(1) 1 1/4" Hybriflex	Yes	0.75	3.00	0.00	8.998	0.00	2.25
108.7	(4) DYWIDAG	Yes	0.75	0.00	0.50	8.998	5.70	0.00
109.0	(6) 1 5/8" Coax	Yes	0.25	4.92	0.20	9.004	0.76	1.23
109.0	(1) 1 5/8" Hybriflex	Yes	0.25	1.30	0.20	9.004	0.76	0.32
109.0	(1) 1/2" Coax	Yes	0.25	0.15	0.00	9.004	0.00	0.04
109.0	(1) 2" Conduit	Yes	0.25	3.65	0.24	9.004	0.91	0.91
109.0	(9) 1 1/4" Coax	Yes	0.25	5.67	0.00	9.004	0.00	1.42
109.0	(3) 1 1/4" Hybriflex	Yes	0.25	3.00	0.00	9.004	0.00	0.75
109.0	(1) 1 1/4" Hybriflex	Yes	0.25	3.00	0.00	9.004	0.00	0.75
109.0	(4) DYWIDAG	Yes	0.25	0.00	0.50	9.004	1.90	0.00
110.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.028	3.05	4.92
110.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.028	3.05	1.30
110.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.028	0.00	0.15
110.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.028	3.66	3.65
110.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.028	0.00	5.67
110.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.028	0.00	3.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.028	0.00	3.00
110.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	9.028	7.63	0.00
111.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.051	3.06	4.92
111.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.051	3.06	1.30
111.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.051	0.00	0.15
111.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.051	3.67	3.65
111.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.051	0.00	5.67
111.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.051	0.00	3.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.051	0.00	3.00
111.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	9.051	7.65	0.00
112.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.074	3.07	4.92
112.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.074	3.07	1.30
112.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.074	0.00	0.15
112.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.074	3.68	3.65
112.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.074	0.00	5.67
112.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.074	0.00	3.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.074	0.00	3.00
112.0	(4) DYWIDAG	Yes	1.00	0.00	0.50	9.074	7.67	0.00
113.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.097	3.07	4.92
113.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.097	3.07	1.30
113.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.097	0.00	0.15
113.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.097	3.69	3.65
113.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.097	0.00	5.67

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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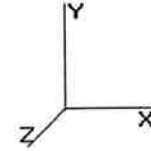
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Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

113.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.097	0.00	3.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.097	0.00	3.00
113.0	(4) DYWDAG	Yes	1.00	0.00	0.50	9.097	7.69	0.00
114.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.120	3.08	4.92
114.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.120	3.08	1.30
114.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.120	0.00	0.15
114.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.120	3.70	3.65
114.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.120	0.00	5.67
114.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.120	0.00	3.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.120	0.00	3.00
114.0	(4) DYWDAG	Yes	0.25	0.00	0.50	9.120	1.93	0.00
115.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.143	3.09	4.92
115.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.143	3.09	1.30
115.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.143	0.00	0.15
115.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.143	3.71	3.65
115.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.143	0.00	5.67
115.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.143	0.00	3.00
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.143	0.00	3.00
116.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.166	3.10	4.92
116.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.166	3.10	1.30
116.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.166	0.00	0.15
116.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.166	3.72	3.65
116.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.166	0.00	5.67
116.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.166	0.00	3.00
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.166	0.00	3.00
117.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.188	3.11	4.92
117.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.188	3.11	1.30
117.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.188	0.00	0.15
117.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.188	3.73	3.65
117.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.188	0.00	5.67
117.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.188	0.00	3.00
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.188	0.00	3.00
118.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.211	3.11	4.92
118.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.211	3.11	1.30
118.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.211	0.00	0.15
118.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.211	3.74	3.65
118.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.211	0.00	5.67
118.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.211	0.00	3.00
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.211	0.00	3.00
119.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.233	3.12	4.92
119.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.233	3.12	1.30
119.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.233	0.00	0.15
119.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.233	3.74	3.65
119.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.233	0.00	5.67
119.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.233	0.00	3.00
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.233	0.00	3.00
120.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.255	3.13	4.92
120.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.255	3.13	1.30
120.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.255	0.00	0.15
120.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.255	3.75	3.65
120.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.255	0.00	5.67
120.0	(3) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.255	0.00	3.00
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	3.00	0.00	9.255	0.00	3.00
121.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.277	3.14	4.92
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.277	3.14	1.30
121.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.277	0.00	0.15
121.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.277	3.76	3.65

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code : TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway 50.00 mph Wind with No Ice 28 Iterations

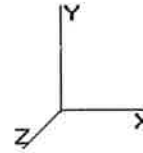
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

121.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.277	0.00	5.67
122.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.299	3.14	4.92
122.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.299	3.14	1.30
122.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.299	0.00	0.15
122.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.299	3.77	3.65
122.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.299	0.00	5.67
123.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.320	3.15	4.92
123.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.320	3.15	1.30
123.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.320	0.00	0.15
123.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.320	3.78	3.65
123.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.320	0.00	5.67
124.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.342	3.16	4.92
124.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.342	3.16	1.30
124.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.342	0.00	0.15
124.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.342	3.79	3.65
124.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.342	0.00	5.67
124.9	(6) 1 5/8" Coax	Yes	0.99	4.92	0.20	9.363	3.15	4.89
124.9	(1) 1 5/8" Hybriflex	Yes	0.99	1.30	0.20	9.363	3.15	1.29
124.9	(1) 1/2" Coax	Yes	0.99	0.15	0.00	9.363	0.00	0.15
124.9	(1) 2" Conduit	Yes	0.99	3.65	0.24	9.363	3.77	3.63
124.9	(9) 1 1/4" Coax	Yes	0.99	5.67	0.00	9.363	0.00	5.64
125.0	(6) 1 5/8" Coax	Yes	0.01	4.92	0.20	9.363	0.02	0.03
125.0	(1) 1 5/8" Hybriflex	Yes	0.01	1.30	0.20	9.363	0.02	0.01
125.0	(1) 1/2" Coax	Yes	0.01	0.15	0.00	9.363	0.00	0.00
125.0	(1) 2" Conduit	Yes	0.01	3.65	0.24	9.363	0.02	0.02
125.0	(9) 1 1/4" Coax	Yes	0.01	5.67	0.00	9.363	0.00	0.03
126.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.385	3.17	4.92
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.385	3.17	1.30
126.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.385	0.00	0.15
126.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.385	3.81	3.65
126.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.385	0.00	5.67
127.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.406	3.18	4.92
127.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.406	3.18	1.30
127.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.406	0.00	0.15
127.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.406	3.82	3.65
127.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.406	0.00	5.67
128.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.427	3.19	4.92
128.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.427	3.19	1.30
128.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.427	0.00	0.15
128.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.427	3.82	3.65
128.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.427	0.00	5.67
128.6	(6) 1 5/8" Coax	Yes	0.68	4.92	0.20	9.441	2.17	3.35
128.6	(1) 1 5/8" Hybriflex	Yes	0.68	1.30	0.20	9.441	2.17	0.89
128.6	(1) 1/2" Coax	Yes	0.68	0.15	0.00	9.441	0.00	0.10
128.6	(1) 2" Conduit	Yes	0.68	3.65	0.24	9.441	2.61	2.49
128.6	(9) 1 1/4" Coax	Yes	0.68	5.67	0.00	9.441	0.00	3.86
129.0	(6) 1 5/8" Coax	Yes	0.32	4.92	0.20	9.448	1.02	1.57
129.0	(1) 1 5/8" Hybriflex	Yes	0.32	1.30	0.20	9.448	1.02	0.41
129.0	(1) 1/2" Coax	Yes	0.32	0.15	0.00	9.448	0.00	0.05
129.0	(1) 2" Conduit	Yes	0.32	3.65	0.24	9.448	1.22	1.16
129.0	(9) 1 1/4" Coax	Yes	0.32	5.67	0.00	9.448	0.00	1.81
130.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.469	3.20	4.92
130.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.469	3.20	1.30
130.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.469	0.00	0.15
130.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.469	3.84	3.65
130.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.469	0.00	5.67
131.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.490	3.21	4.92

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 28 Iterations

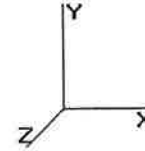
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

131.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.490	3.21	1.30
131.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.490	0.00	0.15
131.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.490	3.85	3.65
131.0	(9) 1 1/4" Coax	Yes	1.00	5.67	0.00	9.490	0.00	5.67
132.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.510	3.21	4.92
132.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.510	3.21	1.30
132.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.510	0.00	0.15
132.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.510	3.86	3.65
133.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.531	3.22	4.92
133.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.531	3.22	1.30
133.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.531	0.00	0.15
133.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.531	3.87	3.65
134.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.551	3.23	4.92
134.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.551	3.23	1.30
134.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.551	0.00	0.15
134.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.551	3.87	3.65
135.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.572	3.24	4.92
135.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.572	3.24	1.30
135.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.572	0.00	0.15
135.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.572	3.88	3.65
136.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.592	3.24	4.92
136.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.592	3.24	1.30
136.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.592	0.00	0.15
136.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.592	3.89	3.65
137.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.612	3.25	4.92
137.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.612	3.25	1.30
137.0	(1) 1/2" Coax	Yes	1.00	0.15	0.00	9.612	0.00	0.15
137.0	(1) 2" Conduit	Yes	1.00	3.65	0.24	9.612	3.90	3.65
138.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.632	3.26	4.92
138.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.632	3.26	1.30
139.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.652	3.26	4.92
139.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.652	3.26	1.30
140.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.672	3.27	4.92
140.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.672	3.27	1.30
141.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.691	3.28	4.92
141.0	(1) 1 5/8" Hybriflex	Yes	1.00	1.30	0.20	9.691	3.28	1.30
142.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.711	3.28	4.92
143.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.730	3.29	4.92
144.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.750	3.30	4.92
145.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.769	3.30	4.92
146.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.788	3.31	4.92
147.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.20	9.807	3.31	4.92
147.9	(6) 1 5/8" Coax	Yes	0.99	4.92	0.20	9.826	3.29	4.87
148.0	(6) 1 5/8" Coax	Yes	0.01	4.92	0.20	9.826	0.03	0.05
Totals:							1,893.19	2,828.23

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

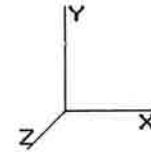
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	33.47	291.07	0.00	0.00
2.00	33.36	290.15	0.00	0.00
3.00	33.24	289.22	0.00	0.00
4.00	33.13	288.30	0.00	0.00
5.00	33.01	287.38	0.00	0.00
6.00	39.82	340.11	0.00	0.00
7.00	39.71	339.19	0.00	0.00
8.00	39.59	338.26	0.00	0.00
9.00	39.48	337.34	0.00	0.00
10.00	39.36	336.42	0.00	0.00
11.00	39.25	335.49	0.00	0.00
12.00	39.13	334.57	0.00	0.00
13.00	39.02	333.65	0.00	0.00
14.00	38.91	332.72	0.00	0.00
15.00	38.79	331.80	0.00	0.00
16.00	38.68	330.88	0.00	0.00
17.00	38.56	329.95	0.00	0.00
18.00	38.45	329.03	0.00	0.00
19.00	38.33	328.10	0.00	0.00
20.00	38.22	327.18	0.00	0.00
21.00	38.10	326.26	0.00	0.00
22.00	37.99	325.33	0.00	0.00
23.00	37.88	324.41	0.00	0.00
24.00	37.76	323.49	0.00	0.00
25.00	37.65	322.56	0.00	0.00
26.00	37.53	321.64	0.00	0.00
27.00	37.42	320.72	0.00	0.00
28.00	37.30	319.79	0.00	0.00
29.00	37.19	318.87	0.00	0.00
30.00	37.07	317.94	0.00	0.00
31.00	36.96	317.02	0.00	0.00
32.00	36.84	316.10	0.00	0.00
33.00	36.73	315.17	0.00	0.00
34.00	36.93	314.25	0.00	0.00
35.00	37.12	313.33	0.00	0.00
36.00	37.30	312.40	0.00	0.00
37.00	37.48	311.48	0.00	0.00
38.00	37.64	310.56	0.00	0.00
39.00	37.80	309.63	0.00	0.00
40.00	37.96	308.71	0.00	0.00
41.00	38.11	307.78	0.00	0.00
41.04	1.38	11.14	0.00	0.00
42.00	37.31	452.86	0.00	0.00
43.00	38.85	468.21	0.00	0.00
44.00	38.99	466.49	0.00	0.00
45.00	39.11	464.78	0.00	0.00
46.00	39.23	463.06	0.00	0.00
46.63	24.75	290.85	0.00	0.00
47.00	14.54	103.35	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **28 Iterations**
 Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

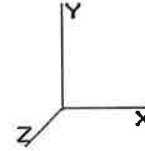
48.00	39.46	278.77	0.00	0.00
49.00	39.56	277.98	0.00	0.00
50.00	39.66	277.19	0.00	0.00
51.00	39.76	276.40	0.00	0.00
52.00	39.85	275.61	0.00	0.00
53.00	39.93	274.81	0.00	0.00
54.00	40.02	274.02	0.00	0.00
55.00	40.09	273.23	0.00	0.00
56.00	40.17	272.44	0.00	0.00
57.00	40.24	271.65	0.00	0.00
58.00	40.30	270.86	0.00	0.00
59.00	40.37	270.06	0.00	0.00
60.00	40.42	269.27	0.00	0.00
61.00	40.48	268.48	0.00	0.00
62.00	40.53	267.69	0.00	0.00
63.00	40.58	266.90	0.00	0.00
64.00	40.62	266.11	0.00	0.00
65.00	40.66	265.31	0.00	0.00
66.00	40.70	264.52	0.00	0.00
67.00	40.74	263.73	0.00	0.00
68.00	40.77	262.94	0.00	0.00
69.00	40.80	262.15	0.00	0.00
70.00	40.82	261.36	0.00	0.00
71.00	40.85	260.56	0.00	0.00
72.00	40.87	259.77	0.00	0.00
73.00	40.89	258.98	0.00	0.00
74.00	40.90	258.19	0.00	0.00
75.00	82.35	288.00	0.00	0.00
76.00	40.92	256.45	0.00	0.00
77.00	40.93	255.66	0.00	0.00
78.00	40.94	254.87	0.00	0.00
79.00	40.94	254.08	0.00	0.00
80.00	40.94	253.29	0.00	0.00
81.00	40.94	252.50	0.00	0.00
81.49	20.10	123.80	0.00	0.00
82.00	21.04	184.69	0.00	0.00
83.00	41.40	362.07	0.00	0.00
84.00	41.39	360.62	0.00	0.00
85.00	41.38	359.17	0.00	0.00
86.00	41.37	357.72	0.00	0.00
86.18	7.28	62.90	0.00	0.00
87.00	34.06	188.45	0.00	0.00
88.00	41.34	228.17	0.00	0.00
89.00	41.32	227.51	0.00	0.00
90.00	41.30	226.85	0.00	0.00
91.00	41.28	226.19	0.00	0.00
92.00	41.25	225.53	0.00	0.00
93.00	41.23	224.87	0.00	0.00
94.00	41.20	224.21	0.00	0.00
95.00	41.17	223.55	0.00	0.00
96.00	41.14	222.89	0.00	0.00
97.00	41.10	222.23	0.00	0.00
98.00	41.07	221.57	0.00	0.00
99.00	41.03	220.91	0.00	0.00
100.0	161.85	396.75	0.00	218.30
101.0	40.95	219.26	0.00	0.00
102.0	40.91	218.60	0.00	0.00

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Twist/Sway

50.00 mph Wind with No Ice

28 Iterations

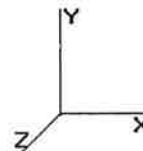
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

103.0				
104.0	40.86	217.94	0.00	0.00
105.0	40.82	217.28	0.00	0.00
106.0	40.77	216.62	0.00	0.00
107.0	40.72	215.96	0.00	0.00
108.0	40.67	215.30	0.00	0.00
108.7	40.62	214.64	0.00	0.00
109.0	30.42	160.55	0.00	0.00
109.0	10.13	36.73	0.00	0.00
110.0	247.94	451.12	0.00	96.38
111.0	40.45	145.56	0.00	0.00
112.0	40.39	144.90	0.00	0.00
113.0	40.33	144.24	0.00	0.00
114.0	34.49	143.58	0.00	0.00
115.0	32.48	142.92	0.00	0.00
116.0	32.40	142.26	0.00	0.00
117.0	32.31	141.61	0.00	0.00
118.0	32.23	140.95	0.00	0.00
119.0	32.14	140.29	0.00	0.00
120.0	1,277.59	2,599.63	0.00	0.00
121.0	31.96	132.97	0.00	0.00
122.0	31.87	132.31	0.00	0.00
123.0	31.78	131.65	0.00	0.00
124.0	31.68	130.99	0.00	0.00
124.9	31.39	129.53	0.00	0.00
125.0	0.20	1.21	0.00	0.00
126.0	31.92	197.42	0.00	0.00
127.0	31.83	196.23	0.00	0.00
128.0	31.73	195.04	0.00	0.00
128.6	21.56	132.23	0.00	0.00
129.0	10.06	35.95	0.00	0.00
130.0	31.53	112.52	0.00	0.00
131.0	1,265.87	2,001.99	0.00	1,631.72
132.0	31.33	100.87	0.00	0.00
133.0	49.40	148.04	0.00	0.00
134.0	31.12	99.82	0.00	0.00
135.0	31.02	99.29	0.00	0.00
136.0	30.91	98.76	0.00	0.00
137.0	434.54	497.23	0.00	0.00
138.0	26.79	90.96	0.00	0.00
139.0	26.67	90.44	0.00	0.00
140.0	26.55	89.91	0.00	0.00
141.0	1,394.64	1,865.68	0.00	1,881.47
142.0	23.03	77.71	0.00	0.00
143.0	22.90	77.19	0.00	0.00
144.0	22.77	76.66	0.00	0.00
145.0	22.64	76.13	0.00	0.00
146.0	22.51	75.60	0.00	0.00
147.0	22.38	75.07	0.00	0.00
147.9	1,639.93	2,973.80	0.00	3,655.19
148.0	376.29	362.66	0.00	3,237.42
Totals:	12,123.15	46,759.26	0.00	10,720.49

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Calculated Shaft Forces and Deflections

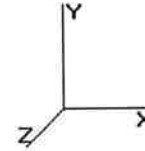
Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-12.126	-46.757	0.000	0.000	0.000	-1,347.387	0.000	0.000	0.000	0.000
1.00	-12.104	-46.463	0.000	0.000	0.000	-1,335.262	-0.002	0.000	0.002	-0.015
2.00	-12.082	-46.170	0.000	0.000	0.000	-1,323.158	-0.006	0.000	0.006	-0.029
3.00	-12.060	-45.878	0.000	0.000	0.000	-1,311.076	-0.014	0.000	0.014	-0.044
4.00	-12.039	-45.587	0.000	0.000	0.000	-1,299.016	-0.025	0.000	0.025	-0.058
5.00	-12.017	-45.296	0.000	0.000	0.000	-1,286.978	-0.039	0.000	0.039	-0.073
6.00	-11.988	-44.953	0.000	0.000	0.000	-1,274.961	-0.056	0.000	0.056	-0.088
7.00	-11.959	-44.611	0.000	0.000	0.000	-1,262.973	-0.076	0.000	0.076	-0.102
8.00	-11.930	-44.270	0.000	0.000	0.000	-1,251.014	-0.099	0.000	0.099	-0.117
9.00	-11.901	-43.929	0.000	0.000	0.000	-1,239.084	-0.125	0.000	0.125	-0.132
10.00	-11.873	-43.590	0.000	0.000	0.000	-1,227.183	-0.154	0.000	0.154	-0.146
11.00	-11.844	-43.251	0.000	0.000	0.000	-1,215.311	-0.187	0.000	0.187	-0.161
12.00	-11.814	-42.914	0.000	0.000	0.000	-1,203.467	-0.222	0.000	0.222	-0.176
13.00	-11.785	-42.577	0.000	0.000	0.000	-1,191.653	-0.261	0.000	0.261	-0.191
14.00	-11.756	-42.242	0.000	0.000	0.000	-1,179.868	-0.302	0.000	0.302	-0.206
15.00	-11.727	-41.907	0.000	0.000	0.000	-1,168.112	-0.347	0.000	0.347	-0.220
16.00	-11.698	-41.573	0.000	0.000	0.000	-1,156.385	-0.395	0.000	0.395	-0.235
17.00	-11.669	-41.240	0.000	0.000	0.000	-1,144.687	-0.446	0.000	0.446	-0.250
18.00	-11.639	-40.909	0.000	0.000	0.000	-1,133.019	-0.500	0.000	0.500	-0.265
19.00	-11.610	-40.578	0.000	0.000	0.000	-1,121.379	-0.557	0.000	0.557	-0.280
20.00	-11.581	-40.248	0.000	0.000	0.000	-1,109.770	-0.618	0.000	0.618	-0.295
21.00	-11.551	-39.919	0.000	0.000	0.000	-1,098.189	-0.681	0.000	0.681	-0.310
22.00	-11.522	-39.590	0.000	0.000	0.000	-1,086.638	-0.748	0.000	0.748	-0.325
23.00	-11.493	-39.263	0.000	0.000	0.000	-1,075.116	-0.818	0.000	0.818	-0.340
24.00	-11.463	-38.937	0.000	0.000	0.000	-1,063.624	-0.891	0.000	0.891	-0.355
25.00	-11.433	-38.612	0.000	0.000	0.000	-1,052.161	-0.967	0.000	0.967	-0.370
26.00	-11.404	-38.287	0.000	0.000	0.000	-1,040.728	-1.046	0.000	1.046	-0.385
27.00	-11.374	-37.964	0.000	0.000	0.000	-1,029.324	-1.128	0.000	1.128	-0.400
28.00	-11.345	-37.641	0.000	0.000	0.000	-1,017.950	-1.214	0.000	1.214	-0.415
29.00	-11.315	-37.320	0.000	0.000	0.000	-1,006.606	-1.303	0.000	1.303	-0.430
30.00	-11.285	-36.999	0.000	0.000	0.000	-995.291	-1.394	0.000	1.394	-0.445
31.00	-11.255	-36.679	0.000	0.000	0.000	-984.006	-1.490	0.000	1.490	-0.461
32.00	-11.226	-36.361	0.000	0.000	0.000	-972.751	-1.588	0.000	1.588	-0.476
33.00	-11.196	-36.043	0.000	0.000	0.000	-961.526	-1.689	0.000	1.689	-0.491
34.00	-11.165	-35.726	0.000	0.000	0.000	-950.331	-1.794	0.000	1.794	-0.506
35.00	-11.135	-35.410	0.000	0.000	0.000	-939.165	-1.901	0.000	1.901	-0.521
36.00	-11.104	-35.095	0.000	0.000	0.000	-928.031	-2.012	0.000	2.012	-0.536
37.00	-11.073	-34.781	0.000	0.000	0.000	-916.927	-2.126	0.000	2.126	-0.551
38.00	-11.041	-34.468	0.000	0.000	0.000	-905.854	-2.244	0.000	2.244	-0.567
39.00	-11.009	-34.156	0.000	0.000	0.000	-894.813	-2.364	0.000	2.364	-0.582
40.00	-10.977	-33.845	0.000	0.000	0.000	-883.804	-2.488	0.000	2.488	-0.597
41.00	-10.940	-33.536	0.000	0.000	0.000	-872.827	-2.614	0.000	2.614	-0.612
41.04	-10.943	-33.523	0.000	0.000	0.000	-872.430	-2.619	0.000	2.619	-0.613
42.00	-10.910	-33.068	0.000	0.000	0.000	-861.884	-2.744	0.000	2.744	-0.627
43.00	-10.874	-32.597	0.000	0.000	0.000	-850.974	-2.877	0.000	2.877	-0.642
44.00	-10.838	-32.129	0.000	0.000	0.000	-840.100	-3.014	0.000	3.014	-0.657
45.00	-10.802	-31.661	0.000	0.000	0.000	-829.262	-3.153	0.000	3.153	-0.672
46.00	-10.764	-31.197	0.000	0.000	0.000	-818.460	-3.296	0.000	3.296	-0.687
46.63	-10.740	-30.905	0.000	0.000	0.000	-811.679	-3.387	0.000	3.387	-0.697
47.00	-10.730	-30.799	0.000	0.000	0.000	-807.705	-3.441	0.000	3.441	-0.702
48.00	-10.696	-30.518	0.000	0.000	0.000	-796.975	-3.590	0.000	3.590	-0.718

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
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Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Twist/Sway 50.00 mph Wind with No Ice 28 Iterations

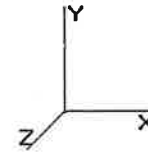
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

49.00	-10.661	-30.238	0.000	0.000	0.000	-786.280	-3.743	0.000	3.743	-0.734
50.00	-10.626	-29.958	0.000	0.000	0.000	-775.619	-3.898	0.000	3.898	-0.750
51.00	-10.591	-29.679	0.000	0.000	0.000	-764.993	-4.057	0.000	4.057	-0.766
52.00	-10.555	-29.401	0.000	0.000	0.000	-754.403	-4.220	0.000	4.220	-0.782
53.00	-10.520	-29.124	0.000	0.000	0.000	-743.848	-4.385	0.000	4.385	-0.798
54.00	-10.484	-28.848	0.000	0.000	0.000	-733.328	-4.554	0.000	4.554	-0.813
55.00	-10.448	-28.572	0.000	0.000	0.000	-722.845	-4.726	0.000	4.726	-0.829
56.00	-10.411	-28.298	0.000	0.000	0.000	-712.398	-4.902	0.000	4.902	-0.845
57.00	-10.375	-28.024	0.000	0.000	0.000	-701.986	-5.081	0.000	5.081	-0.861
58.00	-10.338	-27.751	0.000	0.000	0.000	-691.612	-5.263	0.000	5.263	-0.876
59.00	-10.301	-27.479	0.000	0.000	0.000	-681.274	-5.448	0.000	5.448	-0.892
60.00	-10.264	-27.207	0.000	0.000	0.000	-670.974	-5.637	0.000	5.637	-0.908
61.00	-10.226	-26.937	0.000	0.000	0.000	-660.710	-5.829	0.000	5.829	-0.923
62.00	-10.189	-26.667	0.000	0.000	0.000	-650.484	-6.024	0.000	6.024	-0.939
63.00	-10.151	-26.398	0.000	0.000	0.000	-640.296	-6.222	0.000	6.222	-0.954
64.00	-10.113	-26.130	0.000	0.000	0.000	-630.145	-6.424	0.000	6.424	-0.970
65.00	-10.075	-25.863	0.000	0.000	0.000	-620.033	-6.629	0.000	6.629	-0.985
66.00	-10.036	-25.596	0.000	0.000	0.000	-609.959	-6.837	0.000	6.837	-1.001
67.00	-9.998	-25.330	0.000	0.000	0.000	-599.923	-7.048	0.000	7.048	-1.016
68.00	-9.959	-25.066	0.000	0.000	0.000	-589.925	-7.263	0.000	7.263	-1.031
69.00	-9.920	-24.802	0.000	0.000	0.000	-579.967	-7.481	0.000	7.481	-1.047
70.00	-9.881	-24.538	0.000	0.000	0.000	-570.047	-7.702	0.000	7.702	-1.062
71.00	-9.842	-24.276	0.000	0.000	0.000	-560.166	-7.926	0.000	7.926	-1.077
72.00	-9.802	-24.015	0.000	0.000	0.000	-550.325	-8.153	0.000	8.153	-1.092
73.00	-9.762	-23.754	0.000	0.000	0.000	-540.523	-8.384	0.000	8.384	-1.107
74.00	-9.723	-23.494	0.000	0.000	0.000	-530.761	-8.618	0.000	8.618	-1.122
75.00	-9.684	-23.235	0.000	0.000	0.000	-521.039	-8.854	0.000	8.854	-1.137
76.00	-9.645	-22.977	0.000	0.000	0.000	-511.358	-9.094	0.000	9.094	-1.152
77.00	-9.606	-22.720	0.000	0.000	0.000	-501.718	-9.337	0.000	9.337	-1.167
78.00	-9.567	-22.463	0.000	0.000	0.000	-492.118	-9.583	0.000	9.583	-1.181
79.00	-9.528	-22.207	0.000	0.000	0.000	-482.558	-9.833	0.000	9.833	-1.196
80.00	-9.489	-21.952	0.000	0.000	0.000	-473.038	-10.085	0.000	10.085	-1.211
81.00	-9.450	-21.697	0.000	0.000	0.000	-463.558	-10.340	0.000	10.340	-1.225
81.49	-9.377	-21.545	0.000	0.000	0.000	-459.182	-10.467	0.000	10.467	-1.232
82.00	-9.356	-21.359	0.000	0.000	0.000	-454.414	-10.598	0.000	10.598	-1.240
83.00	-9.311	-20.996	0.000	0.000	0.000	-445.058	-10.860	0.000	10.860	-1.254
84.00	-9.267	-20.634	0.000	0.000	0.000	-435.747	-11.124	0.000	11.124	-1.268
85.00	-9.223	-20.274	0.000	0.000	0.000	-426.480	-11.391	0.000	11.391	-1.282
86.00	-9.176	-19.916	0.000	0.000	0.000	-417.258	-11.661	0.000	11.661	-1.295
86.18	-9.170	-19.852	0.000	0.000	0.000	-415.640	-11.709	0.000	11.709	-1.298
87.00	-9.136	-19.662	0.000	0.000	0.000	-408.087	-11.934	0.000	11.934	-1.309
88.00	-9.094	-19.433	0.000	0.000	0.000	-398.951	-12.210	0.000	12.210	-1.324
89.00	-9.053	-19.204	0.000	0.000	0.000	-389.857	-12.489	0.000	12.489	-1.338
90.00	-9.011	-18.976	0.000	0.000	0.000	-380.804	-12.771	0.000	12.771	-1.352
91.00	-8.969	-18.748	0.000	0.000	0.000	-371.794	-13.056	0.000	13.056	-1.366
92.00	-8.927	-18.522	0.000	0.000	0.000	-362.825	-13.344	0.000	13.344	-1.380
93.00	-8.884	-18.296	0.000	0.000	0.000	-353.899	-13.634	0.000	13.634	-1.394
94.00	-8.842	-18.071	0.000	0.000	0.000	-345.014	-13.928	0.000	13.928	-1.408
95.00	-8.800	-17.846	0.000	0.000	0.000	-336.172	-14.224	0.000	14.224	-1.422
96.00	-8.757	-17.622	0.000	0.000	0.000	-327.373	-14.524	0.000	14.524	-1.435
97.00	-8.714	-17.399	0.000	0.000	0.000	-318.616	-14.826	0.000	14.826	-1.448
98.00	-8.672	-17.177	0.000	0.000	0.000	-309.902	-15.131	0.000	15.131	-1.461
99.00	-8.629	-16.955	0.000	0.000	0.000	-301.230	-15.438	0.000	15.438	-1.474
100.0	-8.460	-16.561	0.000	0.000	0.000	-292.384	-15.749	0.000	15.749	-1.487
101.0	-8.417	-16.341	0.000	0.000	0.000	-283.923	-16.062	0.000	16.062	-1.499
102.0	-8.374	-16.122	0.000	0.000	0.000	-275.506	-16.377	0.000	16.377	-1.512
103.0	-8.331	-15.903	0.000	0.000	0.000	-267.132	-16.695	0.000	16.695	-1.524

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway	50.00 mph Wind with No Ice	28 Iterations
Gust Response Factor 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

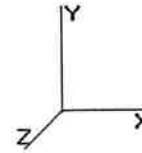
104.0	-8.288	-15.685	0.000	0.000	0.000	-258.801	-17.016	0.000	17.016	-1.536
105.0	-8.244	-15.468	0.000	0.000	0.000	-250.514	-17.339	0.000	17.339	-1.548
106.0	-8.201	-15.252	0.000	0.000	0.000	-242.270	-17.665	0.000	17.665	-1.559
107.0	-8.157	-15.036	0.000	0.000	0.000	-234.069	-17.993	0.000	17.993	-1.571
108.0	-8.113	-14.821	0.000	0.000	0.000	-225.912	-18.323	0.000	18.323	-1.582
108.7	-8.080	-14.661	0.000	0.000	0.000	-219.827	-18.572	0.000	18.572	-1.590
109.0	-8.072	-14.623	0.000	0.000	0.000	-217.807	-18.655	0.000	18.655	-1.593
110.0	-7.817	-14.175	0.000	0.000	0.000	-209.639	-18.992	0.000	18.992	-1.615
111.0	-7.778	-14.028	0.000	0.000	0.000	-201.822	-19.333	0.000	19.333	-1.638
112.0	-7.739	-13.881	0.000	0.000	0.000	-194.044	-19.678	0.000	19.678	-1.660
113.0	-7.699	-13.736	0.000	0.000	0.000	-186.306	-20.028	0.000	20.028	-1.681
114.0	-7.666	-13.590	0.000	0.000	0.000	-178.607	-20.383	0.000	20.383	-1.702
115.0	-7.634	-13.446	0.000	0.000	0.000	-170.941	-20.741	0.000	20.741	-1.723
116.0	-7.602	-13.302	0.000	0.000	0.000	-163.308	-21.105	0.000	21.105	-1.743
117.0	-7.570	-13.159	0.000	0.000	0.000	-155.706	-21.472	0.000	21.472	-1.763
118.0	-7.537	-13.016	0.000	0.000	0.000	-148.137	-21.843	0.000	21.843	-1.782
119.0	-7.505	-12.875	0.000	0.000	0.000	-140.599	-22.219	0.000	22.219	-1.801
120.0	-6.149	-10.315	0.000	0.000	0.000	-133.094	-22.598	0.000	22.598	-1.819
121.0	-6.116	-10.181	0.000	0.000	0.000	-126.945	-22.981	0.000	22.981	-1.836
122.0	-6.083	-10.048	0.000	0.000	0.000	-120.829	-23.368	0.000	23.368	-1.854
123.0	-6.050	-9.916	0.000	0.000	0.000	-114.746	-23.758	0.000	23.758	-1.870
124.0	-6.017	-9.784	0.000	0.000	0.000	-108.697	-24.151	0.000	24.151	-1.886
124.9	-5.982	-9.655	0.000	0.000	0.000	-102.717	-24.546	0.000	24.546	-1.902
125.0	-5.984	-9.653	0.000	0.000	0.000	-102.680	-24.548	0.000	24.548	-1.902
126.0	-5.948	-9.455	0.000	0.000	0.000	-96.697	-24.948	0.000	24.948	-1.917
127.0	-5.912	-9.259	0.000	0.000	0.000	-90.749	-25.351	0.000	25.351	-1.932
128.0	-5.875	-9.064	0.000	0.000	0.000	-84.838	-25.758	0.000	25.758	-1.946
128.6	-5.850	-8.932	0.000	0.000	0.000	-80.834	-26.036	0.000	26.036	-1.955
129.0	-5.840	-8.895	0.000	0.000	0.000	-78.971	-26.167	0.000	26.167	-1.959
130.0	-5.807	-8.782	0.000	0.000	0.000	-73.131	-26.579	0.000	26.579	-1.974
131.0	-4.475	-6.824	0.000	0.000	0.000	-65.692	-26.994	0.000	26.994	-1.988
132.0	-4.441	-6.723	0.000	0.000	0.000	-61.217	-27.412	0.000	27.412	-2.001
133.0	-4.388	-6.576	0.000	0.000	0.000	-56.776	-27.832	0.000	27.832	-2.014
134.0	-4.355	-6.477	0.000	0.000	0.000	-52.388	-28.255	0.000	28.255	-2.025
135.0	-4.322	-6.378	0.000	0.000	0.000	-48.033	-28.681	0.000	28.681	-2.036
136.0	-4.288	-6.279	0.000	0.000	0.000	-43.711	-29.109	0.000	29.109	-2.047
137.0	-3.837	-5.797	0.000	0.000	0.000	-39.423	-29.538	0.000	29.538	-2.056
138.0	-3.808	-5.707	0.000	0.000	0.000	-35.586	-29.970	0.000	29.970	-2.065
139.0	-3.779	-5.617	0.000	0.000	0.000	-31.777	-30.404	0.000	30.404	-2.074
140.0	-3.750	-5.528	0.000	0.000	0.000	-27.998	-30.839	0.000	30.839	-2.081
141.0	-2.289	-3.714	0.000	0.000	0.000	-22.367	-31.275	0.000	31.275	-2.088
142.0	-2.264	-3.637	0.000	0.000	0.000	-20.078	-31.713	0.000	31.713	-2.093
143.0	-2.238	-3.560	0.000	0.000	0.000	-17.815	-32.152	0.000	32.152	-2.099
144.0	-2.213	-3.484	0.000	0.000	0.000	-15.576	-32.592	0.000	32.592	-2.103
145.0	-2.188	-3.409	0.000	0.000	0.000	-13.364	-33.033	0.000	33.033	-2.107
146.0	-2.163	-3.334	0.000	0.000	0.000	-11.176	-33.475	0.000	33.475	-2.111
147.0	-2.138	-3.260	0.000	0.000	0.000	-9.013	-33.918	0.000	33.918	-2.114
147.9	-0.389	-0.348	0.000	0.000	0.000	-3.241	-34.356	0.000	34.356	-2.116
148.0	-0.376	0.000	0.000	0.000	0.000	-3.237	-34.361	0.000	34.361	-2.117

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
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Base Elev : 0.000 (ft)



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Load Case: Twist/Sway

50.00 mph Wind with No Ice

28 Iterations

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

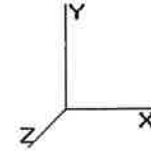
Calculated Stresses

Seg Elev (ft)	Applied Stresses						Combined (ksi)	Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)				
0.00	0.55	0.37	0.00	0.00	0.00	14.99	15.55	52.0	0.0	0.299
1.00	0.54	0.37	0.00	0.00	0.00	14.96	15.52	52.0	0.0	0.299
2.00	0.54	0.37	0.00	0.00	0.00	14.93	15.48	52.0	0.0	0.298
3.00	0.54	0.37	0.00	0.00	0.00	14.89	15.45	52.0	0.0	0.297
4.00	0.54	0.37	0.00	0.00	0.00	14.86	15.41	52.0	0.0	0.296
5.00	0.54	0.37	0.00	0.00	0.00	14.82	15.37	52.0	0.0	0.296
6.00	0.53	0.38	0.00	0.00	0.00	14.78	15.33	52.0	0.0	0.295
7.00	0.53	0.38	0.00	0.00	0.00	14.75	15.29	52.0	0.0	0.294
8.00	0.53	0.38	0.00	0.00	0.00	14.71	15.25	52.0	0.0	0.293
9.00	0.53	0.38	0.00	0.00	0.00	14.67	15.21	52.0	0.0	0.293
10.00	0.53	0.38	0.00	0.00	0.00	14.63	15.17	52.0	0.0	0.292
11.00	0.52	0.38	0.00	0.00	0.00	14.59	15.13	52.0	0.0	0.291
12.00	0.52	0.38	0.00	0.00	0.00	14.55	15.09	52.0	0.0	0.290
13.00	0.52	0.38	0.00	0.00	0.00	14.51	15.04	52.0	0.0	0.289
14.00	0.52	0.38	0.00	0.00	0.00	14.47	15.00	52.0	0.0	0.289
15.00	0.51	0.38	0.00	0.00	0.00	14.43	14.96	52.0	0.0	0.288
16.00	0.51	0.38	0.00	0.00	0.00	14.39	14.91	52.0	0.0	0.287
17.00	0.51	0.38	0.00	0.00	0.00	14.34	14.87	52.0	0.0	0.286
18.00	0.51	0.38	0.00	0.00	0.00	14.30	14.82	52.0	0.0	0.285
19.00	0.50	0.38	0.00	0.00	0.00	14.25	14.77	52.0	0.0	0.284
20.00	0.50	0.39	0.00	0.00	0.00	14.21	14.73	52.0	0.0	0.283
21.00	0.50	0.39	0.00	0.00	0.00	14.16	14.68	52.0	0.0	0.282
22.00	0.50	0.39	0.00	0.00	0.00	14.12	14.63	52.0	0.0	0.281
23.00	0.49	0.39	0.00	0.00	0.00	14.07	14.58	52.0	0.0	0.280
24.00	0.49	0.39	0.00	0.00	0.00	14.02	14.53	52.0	0.0	0.280
25.00	0.49	0.39	0.00	0.00	0.00	13.97	14.48	52.0	0.0	0.279
26.00	0.49	0.39	0.00	0.00	0.00	13.92	14.43	52.0	0.0	0.278
27.00	0.48	0.39	0.00	0.00	0.00	13.87	14.37	52.0	0.0	0.277
28.00	0.48	0.39	0.00	0.00	0.00	13.82	14.32	52.0	0.0	0.275
29.00	0.48	0.39	0.00	0.00	0.00	13.77	14.27	52.0	0.0	0.274
30.00	0.48	0.39	0.00	0.00	0.00	13.72	14.21	52.0	0.0	0.273
31.00	0.47	0.39	0.00	0.00	0.00	13.66	14.16	52.0	0.0	0.272
32.00	0.47	0.39	0.00	0.00	0.00	13.61	14.10	52.0	0.0	0.271
33.00	0.47	0.40	0.00	0.00	0.00	13.56	14.04	52.0	0.0	0.270
34.00	0.47	0.40	0.00	0.00	0.00	13.50	13.98	52.0	0.0	0.269
35.00	0.46	0.40	0.00	0.00	0.00	13.44	13.92	52.0	0.0	0.268
36.00	0.46	0.40	0.00	0.00	0.00	13.39	13.86	52.0	0.0	0.267
37.00	0.46	0.40	0.00	0.00	0.00	13.33	13.80	52.0	0.0	0.266
38.00	0.46	0.40	0.00	0.00	0.00	13.27	13.74	52.0	0.0	0.264
39.00	0.45	0.40	0.00	0.00	0.00	13.21	13.68	52.0	0.0	0.263
40.00	0.45	0.40	0.00	0.00	0.00	13.15	13.62	52.0	0.0	0.262
41.00	0.45	0.40	0.00	0.00	0.00	13.08	13.55	52.0	0.0	0.261
41.04	0.45	0.40	0.00	0.00	0.00	13.08	13.55	52.0	0.0	0.261
42.00	0.45	0.40	0.00	0.00	0.00	12.88	13.35	52.0	0.0	0.257
43.00	0.44	0.40	0.00	0.00	0.00	12.82	13.28	52.0	0.0	0.255
44.00	0.44	0.40	0.00	0.00	0.00	12.75	13.21	52.0	0.0	0.254
45.00	0.43	0.40	0.00	0.00	0.00	12.69	13.14	52.0	0.0	0.253
46.00	0.43	0.41	0.00	0.00	0.00	12.62	13.06	52.0	0.0	0.251
46.63	0.47	0.46	0.00	0.00	0.00	13.59	14.08	52.0	0.0	0.271
47.00	0.46	0.46	0.00	0.00	0.00	13.56	14.05	52.0	0.0	0.270
48.00	0.46	0.46	0.00	0.00	0.00	13.49	13.97	52.0	0.0	0.269

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
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Base Elev : 0.000 (ft)

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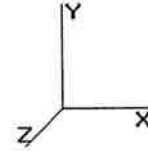
Load Case: Twist/Sway						50.00 mph Wind with No Ice			28 Iterations		
Gust Response Factor 1.69											
Dead Load Factor : 1.00											
Wind Load Factor : 1.00											
49.00	0.46	0.47	0.00	0.00	0.00	13.41	13.89	52.0	0.0	0.267	
50.00	0.46	0.47	0.00	0.00	0.00	13.33	13.81	52.0	0.0	0.266	
51.00	0.45	0.47	0.00	0.00	0.00	13.25	13.72	52.0	0.0	0.264	
52.00	0.45	0.47	0.00	0.00	0.00	13.16	13.64	52.0	0.0	0.262	
53.00	0.45	0.47	0.00	0.00	0.00	13.08	13.55	52.0	0.0	0.261	
54.00	0.45	0.47	0.00	0.00	0.00	13.00	13.47	52.0	0.0	0.259	
55.00	0.44	0.47	0.00	0.00	0.00	12.91	13.38	52.0	0.0	0.257	
56.00	0.44	0.47	0.00	0.00	0.00	12.82	13.29	52.0	0.0	0.256	
57.00	0.44	0.47	0.00	0.00	0.00	12.74	13.20	52.0	0.0	0.254	
58.00	0.44	0.47	0.00	0.00	0.00	12.65	13.11	52.0	0.0	0.252	
59.00	0.43	0.47	0.00	0.00	0.00	12.56	13.02	52.0	0.0	0.250	
60.00	0.43	0.47	0.00	0.00	0.00	12.47	12.92	52.0	0.0	0.249	
61.00	0.43	0.48	0.00	0.00	0.00	12.37	12.83	52.0	0.0	0.247	
62.00	0.42	0.48	0.00	0.00	0.00	12.28	12.73	52.0	0.0	0.245	
63.00	0.42	0.48	0.00	0.00	0.00	12.19	12.63	52.0	0.0	0.243	
64.00	0.42	0.48	0.00	0.00	0.00	12.09	12.54	52.0	0.0	0.241	
65.00	0.42	0.48	0.00	0.00	0.00	11.99	12.44	52.0	0.0	0.239	
66.00	0.41	0.48	0.00	0.00	0.00	11.89	12.33	52.0	0.0	0.237	
67.00	0.41	0.48	0.00	0.00	0.00	11.79	12.23	52.0	0.0	0.235	
68.00	0.41	0.48	0.00	0.00	0.00	11.69	12.13	52.0	0.0	0.233	
69.00	0.41	0.48	0.00	0.00	0.00	11.59	12.02	52.0	0.0	0.231	
70.00	0.40	0.48	0.00	0.00	0.00	11.48	11.92	52.0	0.0	0.229	
71.00	0.40	0.48	0.00	0.00	0.00	11.38	11.81	52.0	0.0	0.227	
72.00	0.40	0.48	0.00	0.00	0.00	11.27	11.70	52.0	0.0	0.225	
73.00	0.39	0.48	0.00	0.00	0.00	11.16	11.59	52.0	0.0	0.223	
74.00	0.39	0.49	0.00	0.00	0.00	11.05	11.47	52.0	0.0	0.221	
75.00	0.39	0.48	0.00	0.00	0.00	10.94	11.36	52.0	0.0	0.219	
76.00	0.39	0.49	0.00	0.00	0.00	10.83	11.25	52.0	0.0	0.216	
77.00	0.38	0.49	0.00	0.00	0.00	10.72	11.13	52.0	0.0	0.214	
78.00	0.38	0.49	0.00	0.00	0.00	10.60	11.01	52.0	0.0	0.212	
79.00	0.38	0.49	0.00	0.00	0.00	10.48	10.89	52.0	0.0	0.210	
80.00	0.37	0.49	0.00	0.00	0.00	10.37	10.77	52.0	0.0	0.207	
81.00	0.37	0.49	0.00	0.00	0.00	10.25	10.65	52.0	0.0	0.205	
81.49	0.37	0.49	0.00	0.00	0.00	10.19	10.59	52.0	0.0	0.204	
82.00	0.37	0.49	0.00	0.00	0.00	9.99	10.39	52.0	0.0	0.200	
83.00	0.36	0.49	0.00	0.00	0.00	9.87	10.26	52.0	0.0	0.197	
84.00	0.36	0.49	0.00	0.00	0.00	9.74	10.14	52.0	0.0	0.195	
85.00	0.35	0.49	0.00	0.00	0.00	9.62	10.01	52.0	0.0	0.192	
86.00	0.35	0.49	0.00	0.00	0.00	9.49	9.87	52.0	0.0	0.190	
86.18	0.38	0.58	0.00	0.00	0.00	10.28	10.71	52.0	0.0	0.206	
87.00	0.38	0.58	0.00	0.00	0.00	10.16	10.59	52.0	0.0	0.204	
88.00	0.38	0.58	0.00	0.00	0.00	10.02	10.45	52.0	0.0	0.201	
89.00	0.38	0.58	0.00	0.00	0.00	9.87	10.30	52.0	0.0	0.198	
90.00	0.37	0.58	0.00	0.00	0.00	9.72	10.15	52.0	0.0	0.195	
91.00	0.37	0.58	0.00	0.00	0.00	9.57	10.00	52.0	0.0	0.192	
92.00	0.37	0.58	0.00	0.00	0.00	9.42	9.84	52.0	0.0	0.189	
93.00	0.36	0.58	0.00	0.00	0.00	9.27	9.68	52.0	0.0	0.186	
94.00	0.36	0.59	0.00	0.00	0.00	9.11	9.53	52.0	0.0	0.183	
95.00	0.36	0.59	0.00	0.00	0.00	8.95	9.37	52.0	0.0	0.180	
96.00	0.35	0.59	0.00	0.00	0.00	8.79	9.20	52.0	0.0	0.177	
97.00	0.35	0.59	0.00	0.00	0.00	8.63	9.04	52.0	0.0	0.174	
98.00	0.35	0.59	0.00	0.00	0.00	8.47	8.87	52.0	0.0	0.171	
99.00	0.35	0.59	0.00	0.00	0.00	8.30	8.71	52.0	0.0	0.168	
100.00	0.34	0.58	0.00	0.00	0.00	8.13	8.53	52.0	0.0	0.164	
101.00	0.34	0.58	0.00	0.00	0.00	7.96	8.36	52.0	0.0	0.161	
102.00	0.33	0.58	0.00	0.00	0.00	7.79	8.19	52.0	0.0	0.158	
103.00	0.33	0.59	0.00	0.00	0.00	7.62	8.01	52.0	0.0	0.154	

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **28 Iterations**

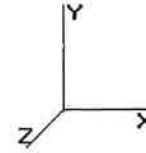
Gust Response Factor 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

104.00	0.33	0.59	0.00	0.00	0.00	7.45	7.84	52.0	0.0	0.151
105.00	0.32	0.59	0.00	0.00	0.00	7.27	7.66	52.0	0.0	0.147
106.00	0.32	0.59	0.00	0.00	0.00	7.10	7.49	52.0	0.0	0.144
107.00	0.32	0.59	0.00	0.00	0.00	6.92	7.30	52.0	0.0	0.141
108.00	0.31	0.59	0.00	0.00	0.00	6.73	7.12	52.0	0.0	0.137
108.75	0.31	0.59	0.00	0.00	0.00	6.60	6.98	52.0	0.0	0.134
108.75	0.53	0.59	0.00	0.00	0.00	13.98	14.55	52.0	0.0	0.280
109.00	0.53	0.59	0.00	0.00	0.00	13.90	14.47	52.0	0.0	0.278
110.00	0.52	0.58	0.00	0.00	0.00	13.57	14.13	52.0	0.0	0.272
111.00	0.52	0.58	0.00	0.00	0.00	13.25	13.81	52.0	0.0	0.266
112.00	0.52	0.58	0.00	0.00	0.00	12.93	13.48	52.0	0.0	0.259
113.00	0.51	0.58	0.00	0.00	0.00	12.59	13.15	52.0	0.0	0.253
114.00	0.51	0.58	0.00	0.00	0.00	12.25	12.80	52.0	0.0	0.246
115.00	0.51	0.58	0.00	0.00	0.00	11.90	12.45	52.0	0.0	0.240
116.00	0.51	0.59	0.00	0.00	0.00	11.54	12.09	52.0	0.0	0.233
117.00	0.51	0.59	0.00	0.00	0.00	11.17	11.72	52.0	0.0	0.225
118.00	0.50	0.59	0.00	0.00	0.00	10.79	11.34	52.0	0.0	0.218
119.00	0.50	0.59	0.00	0.00	0.00	10.39	10.94	52.0	0.0	0.211
120.00	0.41	0.49	0.00	0.00	0.00	9.99	10.43	52.0	0.0	0.201
121.00	0.40	0.49	0.00	0.00	0.00	9.68	10.12	52.0	0.0	0.195
122.00	0.40	0.49	0.00	0.00	0.00	9.35	9.79	52.0	0.0	0.188
123.00	0.40	0.49	0.00	0.00	0.00	9.02	9.46	52.0	0.0	0.182
124.00	0.40	0.49	0.00	0.00	0.00	8.68	9.12	52.0	0.0	0.175
124.99	0.40	0.49	0.00	0.00	0.00	8.34	8.77	52.0	0.0	0.169
125.00	0.40	0.49	0.00	0.00	0.00	8.34	8.77	52.0	0.0	0.169
126.00	0.39	0.49	0.00	0.00	0.00	7.98	8.41	52.0	0.0	0.162
127.00	0.39	0.50	0.00	0.00	0.00	7.61	8.04	52.0	0.0	0.155
128.00	0.38	0.50	0.00	0.00	0.00	7.23	7.66	52.0	0.0	0.147
128.68	0.46	0.61	0.00	0.00	0.00	8.29	8.81	52.0	0.0	0.170
129.00	0.46	0.61	0.00	0.00	0.00	8.14	8.66	52.0	0.0	0.167
130.00	0.46	0.61	0.00	0.00	0.00	7.66	8.18	52.0	0.0	0.157
131.00	0.36	0.47	0.00	0.00	0.00	6.99	7.40	52.0	0.0	0.142
132.00	0.36	0.47	0.00	0.00	0.00	6.62	7.03	52.0	0.0	0.135
133.00	0.35	0.47	0.00	0.00	0.00	6.25	6.65	52.0	0.0	0.128
134.00	0.35	0.47	0.00	0.00	0.00	5.86	6.26	52.0	0.0	0.120
135.00	0.35	0.47	0.00	0.00	0.00	5.47	5.87	52.0	0.0	0.113
136.00	0.34	0.47	0.00	0.00	0.00	5.06	5.46	52.0	0.0	0.105
137.00	0.32	0.43	0.00	0.00	0.00	4.64	5.02	52.0	0.0	0.096
138.00	0.32	0.43	0.00	0.00	0.00	4.26	4.64	52.0	0.0	0.089
139.00	0.32	0.43	0.00	0.00	0.00	3.87	4.25	52.0	0.0	0.082
140.00	0.31	0.43	0.00	0.00	0.00	3.47	3.86	52.0	0.0	0.074
141.00	0.21	0.26	0.00	0.00	0.00	2.82	3.07	52.0	0.0	0.059
142.00	0.21	0.26	0.00	0.00	0.00	2.58	2.83	52.0	0.0	0.054
143.00	0.21	0.26	0.00	0.00	0.00	2.33	2.58	52.0	0.0	0.050
144.00	0.20	0.26	0.00	0.00	0.00	2.08	2.33	52.0	0.0	0.045
145.00	0.20	0.26	0.00	0.00	0.00	1.81	2.07	52.0	0.0	0.040
146.00	0.20	0.26	0.00	0.00	0.00	1.55	1.80	52.0	0.0	0.035
147.00	0.20	0.26	0.00	0.00	0.00	1.27	1.53	52.0	0.0	0.030
147.99	0.02	0.05	0.00	0.00	0.00	0.47	0.49	52.0	0.0	0.009
148.00	0.00	0.05	0.00	0.00	0.00	0.46	0.47	52.0	0.0	0.009

Pole : 302515
 Location : SMFR - North, CT
 Height : 148.00 (ft)
 Base Dia : 48.000 (in)
 Top Dia : 20.944 (in)
 Shape : 18 Sides
 Taper : 0.195479 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Analysis Summary

Load Case	Reactions						Max Stresses			
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Combined Stress (ksi)	Allowable Stress (ksi)	Elev (ft)	Stress Ratio
No Ice	39.3	0.00	46.74	0.00	0.00	4359.07	49.10	52.0	0.00	0.945
Ice	33.3	0.00	51.67	0.00	0.00	3691.62	41.72	52.0	0.00	0.803
Twist/Sway	12.1	0.00	46.76	0.00	0.00	1347.39	15.55	52.0	0.00	0.299

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	48 in
	Pole Thickness	0.4375 in
	Plate Diameter	63 in
	Plate Thickness	2 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	Allowable	1154.59 k-in
	Applied	497.33 k-in
Stiffeners	#	12 Show
	Thickness	0.75 in
	Length	6 in
	Height	12 in
	Chamfer	1 in
	Offset Angle	22.5 °
	Fy	36 ksi

Bolts	#	16
	Bolt Circle (R)adial / (S)quare	57 in R
	Diameter	2.25 in
	Hole Diameter	2.625 in
	Type	A615-75
	Fy	75 ksi
	Fu	100 ksi
	Allowable	194.86 k
	Applied	172.98 k
Reinforcement	#	4
	DYW. Circle	54.9 in
	Offset Angle	10 °
	Type	#20
	Diameter	2.5 in
	Fu	100 ksi
Extra Bolts 0	#	0

Code Rev. **F**
A.S.I. **1.33**
Moment **4359.1 k-ft**
Axial **51.7 k**

Date **11/13/2014**
Engineer **JAA**
Site # **302515**
Carrier **Sprint Nextel**

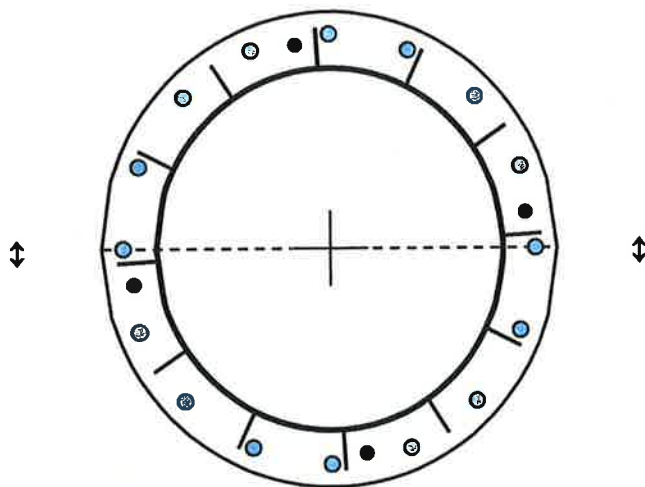


Plate Stress Ratio:
0.43 (Pass)

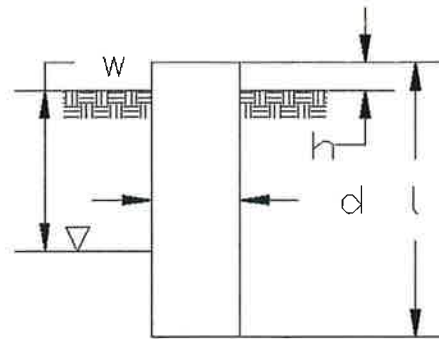
Bolt Stress Ratio:
0.89 (Pass)

Site Name: SMFR - North, CT
 Site Number: 302515
 Engineer: JAA
 Engineering Number: 517729212
 Date: 12/03/13

Program Last Updated: 9/18/2012
 American Tower Corporation

Design Base Loads (Unfactored) - Analysis per TIA-222-F Standards

Analyze or Design a Foundation? **Analyze**
 Foundation Mapped: **N**
 Moment (M): 4359.1 k-ft
 Shear/Leg (V): 39.3 k
 Axial Load (P): 51.7 k
 Uplift/Leg (U): 0.0 k
 Tower Type (GT / SST / MP): **MP**
 Diameter of Caisson (d): 6.5 ft
 Caisson Embedment (L-h): 24.0 ft
 Caisson Height Above Ground (h): 1.0 ft
 Depth Below Ground Surface to Water Table (w): 22.0 ft
 Unit Weight of Concrete: 150.0 pcf
 Unit Weight of Water: 62.4 pcf
 Tension Skin Friction/Compression Skin Friction: 1.00
 Pullout Angle: 30.0 degrees



Engineer Notes

Soil Mechanical Properties

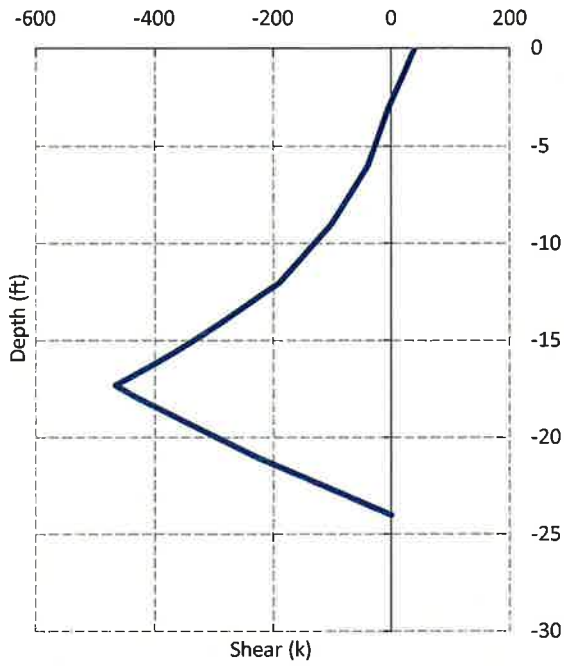
Depth (ft)		γ_{soil}	Cohesion	ϕ	Allowable Skin	Allowable Bearing
Top	Bottom	(pcf)	(psf)	(degree)	Friction (psf)	Pressure (psf)
0.0	2.0	110	0	10	0	0
2.0	10.0	125	0	35	200	6000
10.0	16.0	125	250	36	700	6000
16.0	22.0	125	0	39	700	20000
22.0	27.0	125	6000	0	1500	20000

Volume of Concrete: 829.6 ft³ = 30.7 yd³
 Weight of Concrete (Buoyancy Effect Considered): 120.3 k
 Average Soil Unit Weight: 118.6 pcf
 Skin Friction Resistance: 265.5 k
 Compressive Bearing Resistance: 663.7 k
 Pullout Weight (Minus Concrete Weight): 974.6 k
 Allowable Uplift Capacity (U_{Allow}): 361.7 k
 Allowable Compressive Capacity (P_{Allow}): 929.1 k
 Compressive Design Load (P): 72.6 k
 U / U_{Allow} : 0.00 Result: OK
 P / P_{Allow} : 0.08 Result: OK
 Total Lateral Resistance: 2317.1 k
 Inflection Point (Below Ground Surface): 17.3 ft
 Design Overturning Moment At Inflection Point (M_D): 5078.9 k-ft
 Nominal Moment Capacity (M_{Allow}): 10126.5 k-ft
 M_{Allow} / M_D Factor of Safety: 1.99 Result: Acceptable Overstress

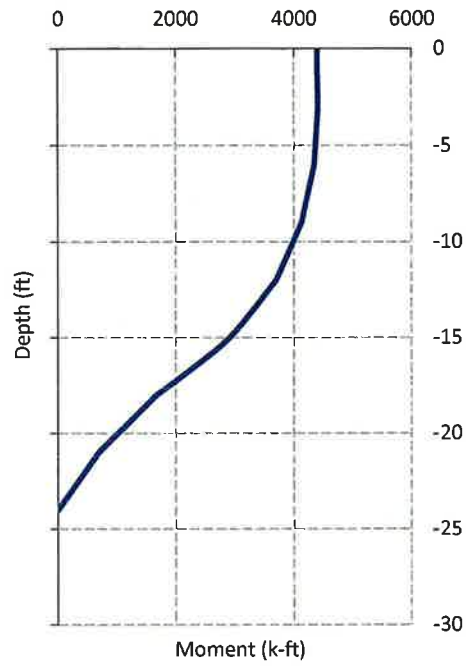
Caisson Strength Capacity

Concrete Compressive Strength (f_c):	4000 psi	
Vertical Steel Rebar Size #:	11	
Vertical Steel Rebar Area:	1.56 in ²	
Required # of Vertical Rebar to Satisfy Reinforcement Strength:	1	
Design # of Vertical Steel Rebars:	20	
Vertical Steel Rebar Yield Strength (F_y):	60 ksi	
Horizontal Tie / Stirrup Size #:	5	
Horizontal Tie / Stirrup Area:	0.31 in ²	
48 * Tie Diameter:	30.00 in	Commentary: Cell F192 is based on concrete
16 * Vertical Bar Diameter:	22.00 in	double the design shear, thus tie design is b:
0.8 * Diameter of Pier / 2:	31.20 in	limits per ACI318-05, 11.5.5 and typical caiss
12":	12.00 in	
Minimum Spacing:	12.00 in	
If $V_u > 0.5\phi V_c$:		Commentary: Cell F201 is based on $V_u > \phi V_c$
ϕV_c :	455.8 k	on the maximum steel spacing needed to ca
S, Based on strength requirements:	4.60 in	$V_u - \phi V_c/2$. This is considered as both S_{Min} (c
S_{Min} :	10.05 in	be conservative. Cell F201 will consider the
S_{Min} :	9.54 in	min(F199, F200) as the default spacing. If ce
Minimum Spacing:	9.5 in	exceeds cell F192, the value from F192 will c
If $V_u > \phi V_c$:		Commentary: Cell F208 is based on $V_u > \phi V_c$
ϕV_c :	455.8 k	calculates the spacing required for strength.
S, Based on strength requirements:	11.55 in	code requirements. Cell 209 defaults to the
S_{Min} :	10.05 in	the requirement.
S_{Min} :	9.54 in	
Minimum Spacing:	9.54 in	
ϕV_s :	145.1 k	
Required Horizontal Tie / Stirrup Spacing:	9.5 in	
Design Horizontal Tie / Stirrup Spacing:	12.0	
Horizontal Tie / Stirrup Steel Yield Strength (F_y):	60 ksi	
Rebar Cage Diameter:	67.0 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	
Wind Design Factor:	1.30 ACI318-05 - 9.2.1	
Steel Elastic Modulus:	29000 ksi	
Maximum Allowable Strain in Rebar:	0.008 ACI318-05 - 10.3.5	
Design Moment (M_u):	5740.2 k-ft	
Nominal Moment Capacity ($\phi_B M_n$):	6899.9 k-ft - ACI318-005 - 10.2	
$M_u/\phi_B M_n$:	0.83 Result: OK	
Design Shear (V_u):	606.5 k	
Nominal Shear Capacity ($\phi_V V_n$):	600.8 k - ACI318-05 - 11.3.1.1 or 11.5.7.2	
$V_u/\phi_V V_n$:	1.01 Result: Acceptable Overstress	
Design Tension (T_u):	0.0 k	
Nominal Tension Capacity ($\phi_T T_n$):	1684.8 k - ACI318-05 - 10.2	
$T_u/\phi_T T_n$:	0.00 Result: OK	
Design Compression (P_u):	94.4 k	
Nominal Compression Capacity ($\phi_P P_n$):	8393.0 k - ACI318-05 - 10.3.6.2	
$P_u/\phi_P P_n$:	0.01 Result: OK	

Design Unfactored Shear / Depth



Design Unfactored Moment / Depth



Nominal and Factored Moment Capacity and Factored Design Loads

