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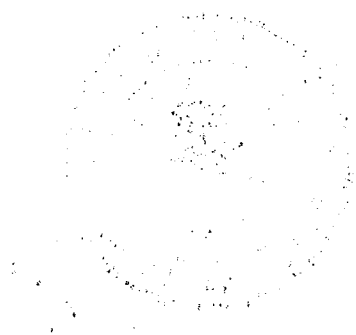
Structural Analysis Report

Structure : 150 ft ITT Meyer Monopole
ATC Site Name : New Milford CT 2, CT
ATC Site Number : 302523
Proposed Carrier : Sprint Nextel
Carrier Site Name : WAYMART 2 / SNET
Carrier Site Number : CT33XC097
County : Litchfield
Eng. Number : 49716021
Date : June 15, 2012*
Usage : 93%
Result : Pass

Submitted by:
Joseph R. Johnston
Project Engineer

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





Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 150 ft ITT Meyer Monopole located at 4 Elkington Farm Road, New Milford, CT 06776, Litchfield County (ATC site #302523). The tower was originally designed and manufactured by ITT Meyer per design specification by AT&T Technologies (Specification No. AT-8935, dated April 13, 1984). The tower has been strengthened per design by Scientel CMS (dated March 7, 2002) and by American Tower Corporation (Project No. 41658239, dated December 22, 2008).

Analysis

The tower was analyzed using Semaan Engineering Solutions, Inc., Software.

Basic Wind Speed: 95 mph (3-Second Gust)

Radial Ice: 40 mph (3-Second Gust) w/ 3/4" ice

Code: ANSI/TIA-222-G / 2003 International Building Code with
2005 Connecticut Supplement and 2009 Connecticut Amendments

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
150.0	6	Powerwave 7020.00	Low Profile Platform	(12) 1 1/4	AT&T Mobility
	6	Powerwave 7770.00			
	6	Powerwave LGP21401			
	6	Powerwave LGP21901			
140.0	6	Decibel DB980H90E-M	Low Profile Platform	(6) 1 5/8	Sprint Nextel
130.0	1	Antel BXA-171063-8BF	Low Profile Platform	(12) 1 5/8	Verizon Wireless
	2	Antel BXA-171085-8BF			
	3	Antel BXA-70063/6CF			
	2	Antel LPA-80063/6CF			
	4	Antel LPA-80080/6CF			
	6	RFS FD9R6004/1C-3L			
110.0	9	48" x 12" Panels	T-Arms	(12) 1 5/8	Sprint Nextel
	3	72" x 12" Panels			

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (in)	Carrier
140.0	3	Alcatel-Lucent 1900 MHz 4x45 R	Low Profile Platform	(3) 1 1/4 Hybriflex	Sprint Nextel
	3	Alcatel-Lucent 800 MHz 2X50			
	3	RFS APXVSP18-C-A20			
75.0	1	PCTEL GPS-TMG-HR-26N	Flush	(1) 1/2	

Install proposed coax inside monopole.

Results

The maximum structure usage is: 93%

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

Pole Reactions	Current Analysis Reactions
Moment (ft-kips)	2,727.6
Shear (kips)	31.9
Axial (kips)	78.9

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. These calculations are located after the software output within this analysis.

Conclusion

Based on the analysis results, the structure meets the requirements per ANSI/TIA-222-G standard and the 2003 IBC with 2005 CT Supplement and 2009 CT Amendments. The tower and foundation can support the existing and proposed antennas with the TX line distribution as described in this report

If you have any questions or require additional information, please call 919-466-5146.

Standard Conditions

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

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

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

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

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

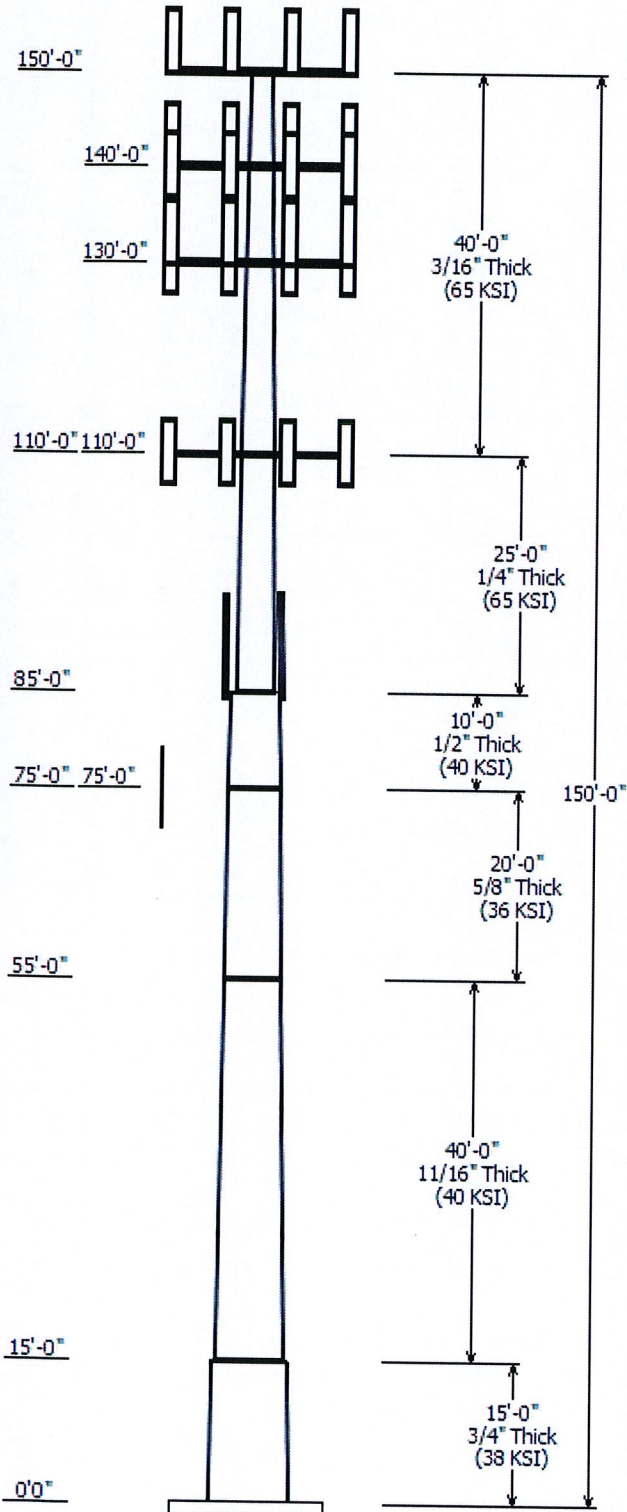
Job Information			
Pole :	302523	Code:	ANSI/TIA-222 Rev G
Description :	150 ft Monopole	Struct Class :	II
Client :	Sprint Nextel	Exposure :	B
Location :	New Milford CT 2, CT	Topo :	1
Shape :	12 Sides	Base Elev (ft):	0.00
Height :	150.00 (ft)	Taper:	0.156700(in/ft)

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in) Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)	
		Across Flats Top	Across Flats Bottom					
1	15.000	45.39	53.90	0.750	0.000	0.567000	38	
2	40.000	39.10	45.60	0.688 Butt Joint	0.000	0.162500	40	
3	20.000	36.13	39.40	0.625 Butt Joint	0.000	0.163330	36	
4	10.000	34.49	36.13	0.500 Butt Joint	0.000	0.163333	40	
5	25.000	21.25	25.23	0.250 Butt Joint	0.000	0.159200	65	
6	40.000	15.00	21.25	0.188 Butt Joint	0.000	0.156250	65	

Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	151.000	6	Powerwave 7770.00
150.000	151.000	6	Powerwave LGP21401
150.000	151.000	1	Round Low Profile Platform
150.000	151.000	6	Powerwave 7020.00
150.000	151.000	6	Powerwave LGP21901
140.000	140.000	3	Alcatel-Lucent 1900 MHz 4x45
140.000	140.000	3	RFS APXVSP18-C-A20
140.000	140.000	3	Alcatel-Lucent 800 MHz 2X50W
140.000	142.000	1	Round Low Profile Platform
140.000	142.000	6	Decibel DB980H90E-M
130.000	130.000	2	Antel LPA-80063/6CF
130.000	132.000	6	RFS FD9R6004/1C-3L
130.000	130.000	1	Round Low Profile Platform
130.000	132.000	1	Antel BXA-171063-8BF
130.000	132.000	2	Antel BXA-171085-8BF
130.000	132.000	4	Antel LPA-80080/6CF
130.000	132.000	3	Antel BXA-70063/6CF
110.000	110.000	3	Round T-Arms
110.000	110.000	3	72" x 12" Panels
110.000	110.000	9	48" x 12" Panels
75.000	75.000	1	PCTEL GPS-TMG-HR-26N

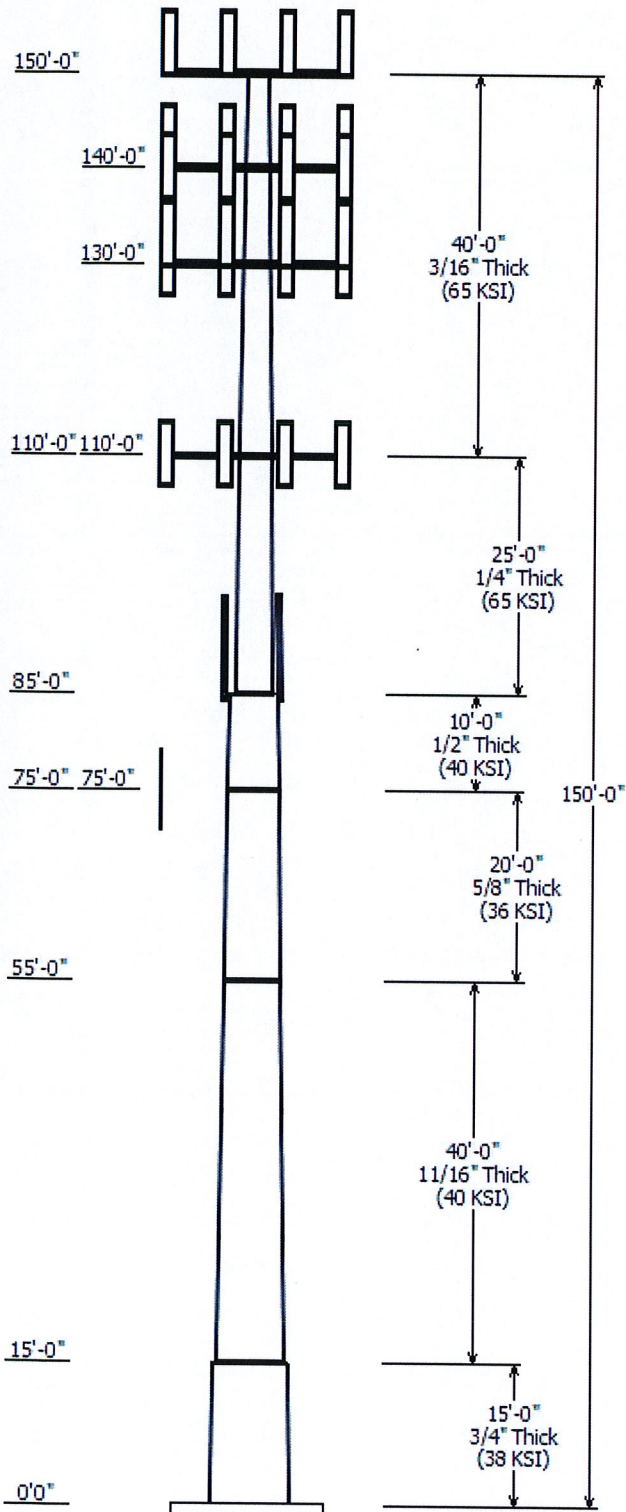
Linear Appurtenance			
Elev (ft) From	To	Description	Exposed To Wind
85.000	110.0	1 5/8" Coax	Yes
85.000	130.0	1 5/8" Coax	Yes
79.000	100.0	#20 Dywidag Bars	Yes
5.000	140.0	1 1/4" Hybriflex	No
5.000	140.0	1 5/8" Coax	No
5.000	150.0	1 1/4" Coax	No
5.000	75.000	1/2" Coax	Yes
5.000	85.000	1 5/8" Coax	No
5.000	85.000	1 5/8" Coax	No
5.000	85.000	Seam Flange	Yes

Load Cases	
1.2D + 1.6W	95.00 mph with No Ice
0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

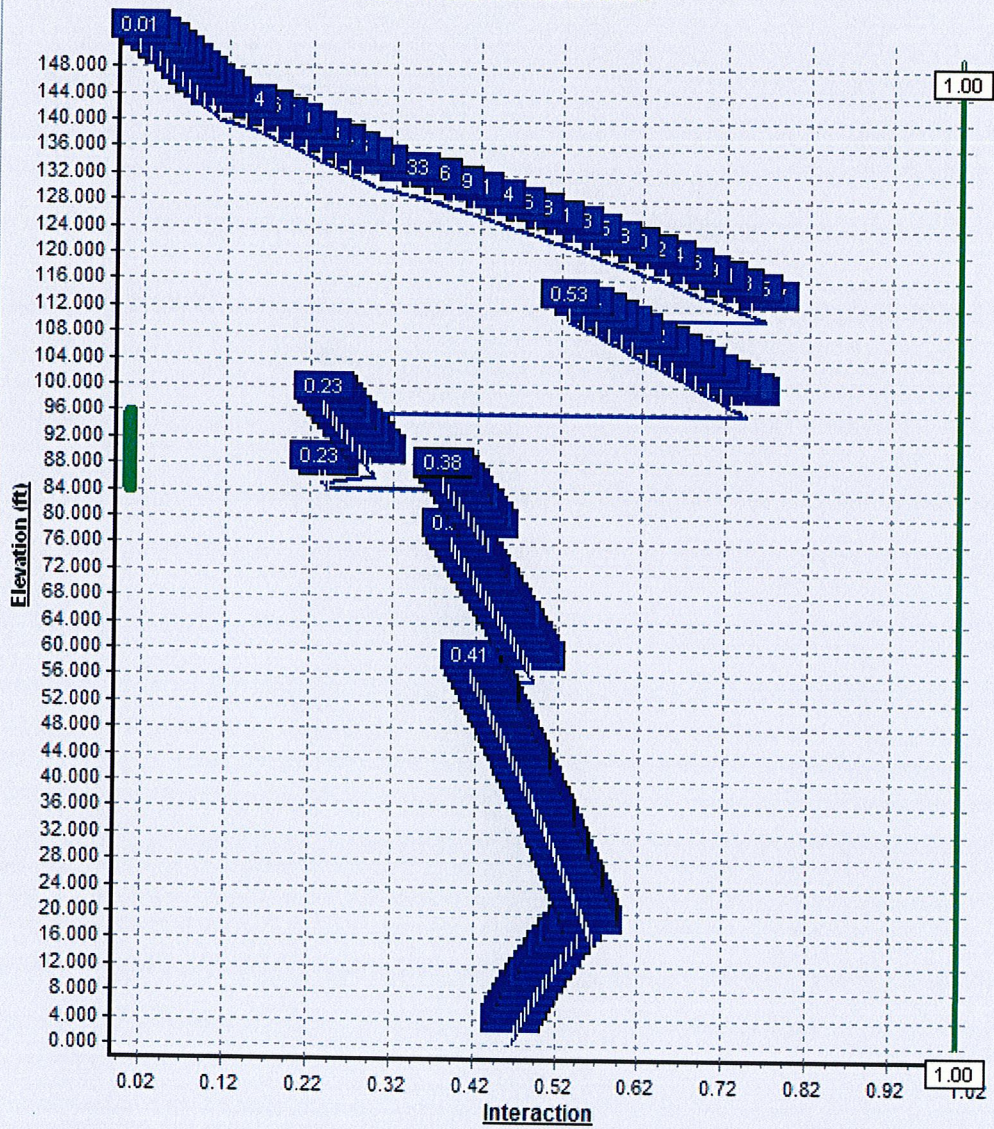


Reactions			
Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W	2727.62	31.91	55.22
0.9D + 1.6W	2680.35	31.66	41.56
1.2D + 1.0Di + 1.0Wi	407.17	4.43	78.85
1.0D + 1.0W	669.98	7.89	46.12

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



Load Case : 1.2D + 1.6W
Max Ratio 76.66% at 110.0ft

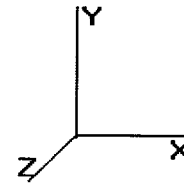


Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom				Top				W/t Ratio	D/t Ratio	Taper (in/ft)
							Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)			
1-12	15.000	0.7500	38		0.00	6,027	53.90	0.00	128.36	46281.3	16.58	71.87	45.39	15.00	107.82	27429.2	0.567000
2-12	40.000	0.6875	40	Butt	0.00	12,554	45.60	15.00	99.42	25598.3	15.09	66.33	39.10	55.00	85.04	16014.9	0.162500
3-12	20.000	0.6250	36	Butt	0.00	5,087	39.40	55.00	78.03	14975.0	14.21	63.04	36.13	75.00	71.46	11500.2	0.163330
4-12	10.000	0.5000	40	Butt	0.00	1,907	36.13	75.00	57.37	9297.5	16.68	72.27	34.49	85.00	54.74	8076.7	0.163333
5-12	25.000	0.2500	65	Butt	0.00	1,574	25.23	85.00	20.11	1601.6	24.36	100.92	21.25	110.00	16.90	951.6	0.159200
6-12	40.000	0.1875	65	Butt	0.00	1,474	21.25	110.00	12.72	720.1	27.69	113.33	15.00	150.00	8.94	250.5	0.156250
Shaft Weight						28,624											

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Weight (lb)	No Ice CaAa (sf)	CaAa Factor	Weight (lb)	Ice CaAa (sf)	CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
150.00	Powerwave 7020.00	6	2.20	0.400	0.50	17.91	0.622	0.50	0.000	1.000
150.00	Powerwave 7770.00	6	35.00	5.510	0.64	170.65	6.630	0.64	0.000	1.000
150.00	Powerwave LGP21401	6	14.10	1.290	0.50	47.75	1.564	0.50	0.000	1.000
150.00	Powerwave LGP21901	6	5.50	0.230	0.50	18.12	0.429	0.50	0.000	1.000
150.00	Round Low Profile Platform	1	1500.00	21.700	0.90	2,149.22	40.938	0.90	0.000	1.000
140.00	Alcatel-Lucent 1900 MHz	3	60.00	2.710	0.67	154.37	2.988	0.67	0.000	0.000
140.00	Alcatel-Lucent 800 MHz	3	64.00	2.400	0.67	192.68	4.153	0.67	0.000	0.000
140.00	Decibel DB980H90E-M	6	8.50	3.900	0.67	101.64	4.941	0.67	0.000	2.000
140.00	RFS APXVSP18-C-A20	3	57.00	8.020	0.83	255.05	9.305	0.83	0.000	0.000
140.00	Round Low Profile Platform	1	1200.00	18.000	0.90	1,715.80	33.848	0.90	0.000	2.000
130.00	Antel BXA-171063-8BF	1	10.50	2.940	0.71	92.26	3.794	0.71	0.000	2.000
130.00	Antel BXA-171085-8BF	2	11.00	2.940	0.71	92.34	3.770	0.71	0.000	2.000
130.00	Antel BXA-70063/6CF	3	14.90	7.580	0.66	184.40	8.825	0.66	0.000	2.000
130.00	Antel LPA-80063/6CF	2	27.00	9.590	0.76	309.30	10.895	0.76	0.000	0.000
130.00	Antel LPA-80080/6CF	4	21.00	8.630	0.65	212.68	9.926	0.65	0.000	2.000
130.00	RFS FD9R6004/1C-3L	6	3.10	0.370	0.50	15.97	0.577	0.50	0.000	2.000
130.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2,140.00	40.665	1.00	0.000	0.000
110.00	48" x 12" Panels	9	30.00	5.600	0.67	158.39	6.020	0.67	0.000	0.000
110.00	72" x 12" Panels	3	45.00	8.400	0.67	229.67	9.387	0.67	0.000	0.000
110.00	Round T-Arms	3	250.00	9.700	0.60	453.03	17.709	0.60	0.000	0.000
75.00	PCTEL GPS-TMG-HR-26N	1	10.00	1.000	1.00	23.03	1.651	1.00	0.000	0.000
Totals		76	6533.60			15,839.68			Number of Loadings : 21	

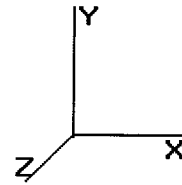
Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
5.00	150.00	(12) 1 1/4" Coax	0.00	N
5.00	140.00	(3) 1 1/4" Hybriflex	0.00	N
5.00	140.00	(6) 1 5/8" Coax	0.00	N
85.00	130.00	(12) 1 5/8" Coax	3.98	Y
85.00	110.00	(12) 1 5/8" Coax	3.98	Y
79.00	100.00	(3) #20 Dywidag Bars	5.00	Y
5.00	85.00	(12) 1 5/8" Coax	0.00	N
5.00	85.00	(12) 1 5/8" Coax	0.00	N
5.00	85.00	(2) Seam Flange	12.84	Y

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 Topographic Category : 1
 Base Elev : 0.000 (ft)

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5.00 75.00 (1) 1/2" Coax 0.00 Y

Additional Steel

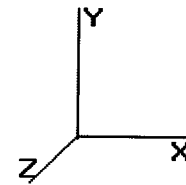
Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	— Intermediate Connections —		Spacing (in)	Len (in)	Connectors	Continuation?
						Description					
84.11	95.50	3	SOL #20 All Thread	80	6.81	6" Angle Bracket		30.0	3.31	5/8" A36 U-Bolt	No

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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)	S (in3)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.7500	53.900	128.357	46,281.3	16.58	71.87	48.4	1658.	0.0			
1.00		0.7500	53.333	126.987	44,815.9	16.37	71.11	48.4	1623.	434.4			
2.00		0.7500	52.766	125.618	43,381.7	16.17	70.35	48.4	1588.	429.8			
3.00		0.7500	52.199	124.249	41,978.4	15.97	69.60	48.4	1553.	425.1			
4.00		0.7500	51.632	122.879	40,605.8	15.77	68.84	48.4	1519.	420.5			
5.00		0.7500	51.065	121.510	39,263.4	15.56	68.09	48.4	1485.	415.8			
6.00		0.7500	50.498	120.141	37,950.9	15.36	67.33	48.4	1451.	411.1			
7.00		0.7500	49.931	118.771	36,668.0	15.16	66.57	48.4	1418.	406.5			
8.00		0.7500	49.364	117.402	35,414.3	14.96	65.82	48.4	1385.	401.8			
9.00		0.7500	48.797	116.033	34,189.6	14.75	65.06	48.4	1353.	397.2			
10.00		0.7500	48.230	114.663	32,993.4	14.55	64.31	48.4	1321.	392.5			
11.00		0.7500	47.663	113.294	31,825.4	14.35	63.55	48.4	1289.	387.8			
12.00		0.7500	47.096	111.925	30,685.4	14.15	62.79	48.4	1258.	383.2			
13.00		0.7500	46.529	110.556	29,572.9	13.94	62.04	48.4	1227.	378.5			
14.00		0.7500	45.962	109.186	28,487.6	13.74	61.28	48.4	1197.	373.9			
15.00	Top - Section 1	0.7500	45.395	107.817	27,429.2	13.54	60.53	48.4	1167.	369.2			
15.00	Bot - Section 2	0.6875	45.600	99.425	25,598.3	15.09	66.33	50.5	1084.				
16.00		0.6875	45.437	99.065	25,321.4	15.03	66.09	50.5	1076.	337.7			
17.00		0.6875	45.275	98.705	25,046.6	14.97	65.85	50.5	1068.	336.5			
18.00		0.6875	45.112	98.345	24,773.7	14.90	65.62	50.5	1060.	335.3			
19.00		0.6875	44.950	97.986	24,502.8	14.84	65.38	50.5	1053.	334.0			
20.00		0.6875	44.787	97.626	24,234.0	14.78	65.15	50.5	1045.	332.8			
21.00		0.6875	44.625	97.266	23,967.1	14.71	64.91	50.5	1037.	331.6			
22.00		0.6875	44.462	96.906	23,702.1	14.65	64.67	50.5	1029.	330.4			
23.00		0.6875	44.300	96.547	23,439.1	14.59	64.44	50.5	1022.	329.1			
24.00		0.6875	44.137	96.187	23,178.1	14.52	64.20	50.5	1014.	327.9			
25.00		0.6875	43.975	95.827	22,919.0	14.46	63.96	50.5	1006.	326.7			
26.00		0.6875	43.812	95.468	22,661.9	14.40	63.73	50.5	999.2	325.5			
27.00		0.6875	43.650	95.108	22,406.7	14.33	63.49	50.5	991.7	324.2			
28.00		0.6875	43.487	94.748	22,153.4	14.27	63.25	50.5	984.1	323.0			
29.00		0.6875	43.325	94.388	21,902.0	14.21	63.02	50.5	976.6	321.8			
30.00		0.6875	43.162	94.029	21,652.5	14.14	62.78	50.5	969.1	320.6			
31.00		0.6875	43.000	93.669	21,405.0	14.08	62.55	50.5	961.7	319.3			
32.00		0.6875	42.837	93.309	21,159.3	14.02	62.31	50.5	954.2	318.1			
33.00		0.6875	42.675	92.949	20,915.5	13.95	62.07	50.5	946.8	316.9			
34.00		0.6875	42.512	92.590	20,673.6	13.89	61.84	50.5	939.5	315.7			
35.00		0.6875	42.350	92.230	20,433.6	13.83	61.60	50.5	932.1	314.4			
36.00		0.6875	42.187	91.870	20,195.4	13.76	61.36	50.5	924.8	313.2			
37.00		0.6875	42.025	91.510	19,959.1	13.70	61.13	50.5	917.5	312.0			
38.00		0.6875	41.862	91.151	19,724.6	13.64	60.89	50.5	910.2	310.8			
39.00		0.6875	41.700	90.791	19,492.0	13.57	60.65	50.5	903.0	309.6			
40.00		0.6875	41.537	90.431	19,261.2	13.51	60.42	50.5	895.8	308.3			
41.00		0.6875	41.375	90.072	19,032.3	13.45	60.18	50.5	888.6	307.1			
42.00		0.6875	41.212	89.712	18,805.2	13.38	59.95	50.5	881.5	305.9			
43.00		0.6875	41.050	89.352	18,579.9	13.32	59.71	50.5	874.4	304.7			
44.00		0.6875	40.887	88.992	18,356.3	13.26	59.47	50.5	867.3	303.4			
45.00		0.6875	40.725	88.633	18,134.6	13.19	59.24	50.5	860.2	302.2			
46.00		0.6875	40.562	88.273	17,914.7	13.13	59.00	50.5	853.2	301.0			
47.00		0.6875	40.400	87.913	17,696.6	13.07	58.76	50.5	846.2	299.8			
48.00		0.6875	40.237	87.553	17,480.2	13.00	58.53	50.5	839.3	298.5			
49.00		0.6875	40.075	87.194	17,265.7	12.94	58.29	50.5	832.3	297.3			
50.00		0.6875	39.912	86.834	17,052.8	12.88	58.05	50.5	825.4	296.1			
51.00		0.6875	39.750	86.474	16,841.8	12.81	57.82	50.5	818.5	294.9			
52.00		0.6875	39.587	86.114	16,632.5	12.75	57.58	50.5	811.7	293.6			
53.00		0.6875	39.425	85.755	16,424.9	12.69	57.35	50.5	804.8	292.4			
54.00		0.6875	39.262	85.395	16,219.1	12.62	57.11	50.5	798.0	291.2			
55.00	Top - Section 2	0.6875	39.100	85.035	16,014.9	12.56	56.87	50.5	791.3	290.0			
55.00	Bot - Section 3	0.6250	39.400	78.034	14,975.0	14.21	63.04	45.9	734.3				

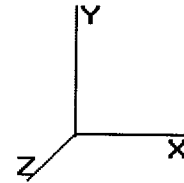
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Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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115.0	0.1875	20.469	12.245	642.9	26.57	109.17	75.7	60.7	41.8
116.0	0.1875	20.313	12.150	628.1	26.35	108.33	76.0	59.7	41.5
117.0	0.1875	20.156	12.056	613.6	26.13	107.50	76.2	58.8	41.2
118.0	0.1875	20.000	11.962	599.3	25.90	106.67	76.5	57.9	40.9
119.0	0.1875	19.844	11.867	585.3	25.68	105.83	76.7	57.0	40.5
120.0	0.1875	19.688	11.773	571.4	25.46	105.00	77.0	56.1	40.2
121.0	0.1875	19.531	11.679	557.8	25.23	104.17	77.2	55.2	39.9
122.0	0.1875	19.375	11.584	544.4	25.01	103.33	77.4	54.3	39.6
123.0	0.1875	19.219	11.490	531.2	24.79	102.50	77.7	53.4	39.3
124.0	0.1875	19.063	11.396	518.2	24.56	101.67	77.9	52.5	38.9
125.0	0.1875	18.906	11.301	505.4	24.34	100.83	78.2	51.6	38.6
126.0	0.1875	18.750	11.207	492.9	24.12	100.00	78.4	50.8	38.3
127.0	0.1875	18.594	11.113	480.6	23.89	99.17	78.7	49.9	38.0
128.0	0.1875	18.438	11.018	468.4	23.67	98.33	78.9	49.1	37.7
129.0	0.1875	18.281	10.924	456.5	23.45	97.50	79.1	48.2	37.3
130.0	0.1875	18.125	10.830	444.8	23.22	96.67	79.4	47.4	37.0
131.0	0.1875	17.969	10.735	433.2	23.00	95.83	79.6	46.6	36.7
132.0	0.1875	17.813	10.641	421.9	22.78	95.00	79.9	45.8	36.4
133.0	0.1875	17.656	10.547	410.8	22.55	94.17	80.1	44.9	36.0
134.0	0.1875	17.500	10.452	399.9	22.33	93.33	80.4	44.1	35.7
135.0	0.1875	17.344	10.358	389.1	22.11	92.50	80.6	43.3	35.4
136.0	0.1875	17.188	10.264	378.6	21.88	91.67	80.8	42.6	35.1
137.0	0.1875	17.031	10.169	368.3	21.66	90.83	81.1	41.8	34.8
138.0	0.1875	16.875	10.075	358.1	21.44	90.00	81.3	41.0	34.4
139.0	0.1875	16.719	9.981	348.1	21.21	89.17	81.6	40.2	34.1
140.0	0.1875	16.563	9.886	338.4	20.99	88.33	81.8	39.5	33.8
141.0	0.1875	16.406	9.792	328.8	20.77	87.50	81.9	38.7	33.5
142.0	0.1875	16.250	9.698	319.4	20.54	86.67	81.9	38.0	33.2
143.0	0.1875	16.094	9.603	310.1	20.32	85.83	81.9	37.2	32.8
144.0	0.1875	15.938	9.509	301.1	20.10	85.00	81.9	36.5	32.5
145.0	0.1875	15.781	9.415	292.2	19.87	84.17	81.9	35.8	32.2
146.0	0.1875	15.625	9.320	283.5	19.65	83.33	81.9	35.1	31.9
147.0	0.1875	15.469	9.226	275.0	19.43	82.50	81.9	34.3	31.6
148.0	0.1875	15.313	9.132	266.6	19.20	81.67	81.9	33.6	31.2
149.0	0.1875	15.156	9.037	258.5	18.98	80.83	81.9	32.9	30.9
150.0	0.1875	15.000	8.943	250.5	18.76	80.00	81.9	32.3	30.6

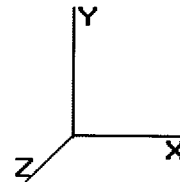
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570.6

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

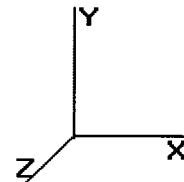
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	369.60	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	15.364	16.90	365.71	1.000	0.000	1.00	4.626	4.63	125.1	0.0	521.3
2.00		1.00	0.70	15.364	16.90	361.82	1.000	0.000	1.00	4.577	4.58	123.8	0.0	515.7
3.00		1.00	0.70	15.364	16.90	357.93	1.000	0.000	1.00	4.528	4.53	122.4	0.0	510.1
4.00		1.00	0.70	15.364	16.90	354.05	1.000	0.000	1.00	4.479	4.48	121.1	0.0	504.6
5.00		1.00	0.70	15.364	16.90	350.16	1.000	0.000	1.00	4.430	4.43	119.8	0.0	499.0
6.00		1.00	0.70	15.364	16.90	346.27	1.200	* 0.000	1.00	4.381	5.26	142.2	0.0	493.4
7.00		1.00	0.70	15.364	16.90	342.38	1.200	* 0.000	1.00	4.332	5.20	140.6	0.0	487.8
8.00		1.00	0.70	15.364	16.90	338.49	1.200	* 0.000	1.00	4.283	5.14	139.0	0.0	482.2
9.00		1.00	0.70	15.364	16.90	334.60	1.200	* 0.000	1.00	4.234	5.08	137.4	0.0	476.6
10.00		1.00	0.70	15.364	16.90	330.72	1.200	* 0.000	1.00	4.185	5.02	135.8	0.0	471.0
11.00		1.00	0.70	15.364	16.90	326.83	1.200	* 0.000	1.00	4.136	4.96	134.2	0.0	465.4
12.00		1.00	0.70	15.364	16.90	322.94	1.200	* 0.000	1.00	4.088	4.91	132.6	0.0	459.8
13.00		1.00	0.70	15.364	16.90	319.05	1.200	* 0.000	1.00	4.039	4.85	131.0	0.0	454.2
14.00		1.00	0.70	15.364	16.90	315.16	1.200	* 0.000	1.00	3.990	4.79	129.5	0.0	448.6
15.00	Top - Section 1	1.00	0.70	15.364	16.90	311.28	1.200	* 0.000	1.00	3.941	4.73	127.9	0.0	443.0
16.00		1.00	0.70	15.364	16.90	311.57	1.200	* 0.000	1.00	3.927	4.71	127.4	0.0	405.2
17.00		1.00	0.70	15.364	16.90	310.45	1.200	* 0.000	1.00	3.913	4.70	127.0	0.0	403.8
18.00		1.00	0.70	15.364	16.90	309.34	1.200	* 0.000	1.00	3.899	4.68	126.5	0.0	402.3
19.00		1.00	0.70	15.364	16.90	308.23	1.200	* 0.000	1.00	3.885	4.66	126.1	0.0	400.8
20.00		1.00	0.70	15.364	16.90	307.11	1.200	* 0.000	1.00	3.871	4.65	125.6	0.0	399.4
21.00		1.00	0.70	15.364	16.90	306.00	1.200	* 0.000	1.00	3.857	4.63	125.2	0.0	397.9
22.00		1.00	0.70	15.364	16.90	304.88	1.200	* 0.000	1.00	3.843	4.61	124.7	0.0	396.4
23.00		1.00	0.70	15.364	16.90	303.77	1.200	* 0.000	1.00	3.829	4.59	124.2	0.0	395.0
24.00		1.00	0.70	15.364	16.90	302.65	1.200	* 0.000	1.00	3.815	4.58	123.8	0.0	393.5
25.00		1.00	0.70	15.364	16.90	301.54	1.200	* 0.000	1.00	3.801	4.56	123.3	0.0	392.0
26.00		1.00	0.70	15.364	16.90	300.43	1.200	* 0.000	1.00	3.787	4.54	122.9	0.0	390.6
27.00		1.00	0.70	15.364	16.90	299.31	1.200	* 0.000	1.00	3.773	4.53	122.4	0.0	389.1
28.00		1.00	0.70	15.364	16.90	298.20	1.200	* 0.000	1.00	3.759	4.51	122.0	0.0	387.6
29.00		1.00	0.70	15.364	16.90	297.08	1.200	* 0.000	1.00	3.745	4.49	121.5	0.0	386.2
30.00		1.00	0.70	15.377	16.91	296.09	1.200	* 0.000	1.00	3.731	4.48	121.2	0.0	384.7
31.00		1.00	0.70	15.522	17.07	296.36	1.200	* 0.000	1.00	3.717	4.46	121.8	0.0	383.2
32.00		1.00	0.71	15.663	17.23	296.59	1.200	* 0.000	1.00	3.703	4.44	122.5	0.0	381.7
33.00		1.00	0.72	15.802	17.38	296.76	1.200	* 0.000	1.00	3.689	4.43	123.1	0.0	380.3
34.00		1.00	0.72	15.937	17.53	296.90	1.200	* 0.000	1.00	3.675	4.41	123.7	0.0	378.8
35.00		1.00	0.73	16.070	17.67	296.99	1.200	* 0.000	1.00	3.661	4.39	124.2	0.0	377.3
36.00		1.00	0.73	16.199	17.81	297.04	1.200	* 0.000	1.00	3.647	4.38	124.8	0.0	375.9
37.00		1.00	0.74	16.327	17.95	297.06	1.200	* 0.000	1.00	3.633	4.36	125.3	0.0	374.4
38.00		1.00	0.75	16.452	18.09	297.04	1.200	* 0.000	1.00	3.619	4.34	125.7	0.0	372.9
39.00		1.00	0.75	16.574	18.23	296.99	1.200	* 0.000	1.00	3.605	4.33	126.2	0.0	371.5
40.00		1.00	0.76	16.694	18.36	296.90	1.200	* 0.000	1.00	3.591	4.31	126.6	0.0	370.0
41.00		1.00	0.76	16.813	18.49	296.78	1.200	* 0.000	1.00	3.577	4.29	127.0	0.0	368.5
42.00		1.00	0.77	16.929	18.62	296.64	1.200	* 0.000	1.00	3.563	4.28	127.4	0.0	367.1
43.00		1.00	0.77	17.043	18.74	296.46	1.200	* 0.000	1.00	3.548	4.26	127.7	0.0	365.6
44.00		1.00	0.78	17.155	18.87	296.26	1.200	* 0.000	1.00	3.534	4.24	128.1	0.0	364.1
45.00		1.00	0.78	17.266	18.99	296.03	1.200	* 0.000	1.00	3.520	4.22	128.4	0.0	362.7
46.00		1.00	0.79	17.375	19.11	295.78	1.200	* 0.000	1.00	3.506	4.21	128.7	0.0	361.2
47.00		1.00	0.79	17.482	19.23	295.50	1.200	* 0.000	1.00	3.492	4.19	128.9	0.0	359.7
48.00		1.00	0.80	17.587	19.34	295.20	1.200	* 0.000	1.00	3.478	4.17	129.2	0.0	358.2
49.00		1.00	0.80	17.691	19.46	294.87	1.200	* 0.000	1.00	3.464	4.16	129.4	0.0	356.8
50.00		1.00	0.81	17.793	19.57	294.53	1.200	* 0.000	1.00	3.450	4.14	129.7	0.0	355.3

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

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

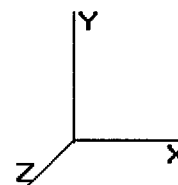
Wind Importance Factor : 1.00

51.00		1.00	0.81	17.894	19.68	294.16	1.200	* 0.000	1.00	3.436	4.12	129.9	0.0	353.8
52.00		1.00	0.82	17.994	19.79	293.77	1.200	* 0.000	1.00	3.422	4.11	130.1	0.0	352.4
53.00		1.00	0.82	18.092	19.90	293.36	1.200	* 0.000	1.00	3.408	4.09	130.2	0.0	350.9
54.00		1.00	0.82	18.189	20.00	292.93	1.200	* 0.000	1.00	3.394	4.07	130.4	0.0	349.4
55.00	Top - Section 2	1.00	0.83	18.285	20.11	292.49	1.200	* 0.000	1.00	3.380	4.06	130.5	0.0	348.0
56.00		1.00	0.83	18.379	20.21	294.26	1.200	* 0.000	1.00	3.392	4.07	131.7	0.0	318.0
57.00		1.00	0.84	18.472	20.31	293.78	1.200	* 0.000	1.00	3.378	4.05	131.8	0.0	316.6
58.00		1.00	0.84	18.564	20.42	293.28	1.200	* 0.000	1.00	3.364	4.04	131.9	0.0	315.3
59.00		1.00	0.85	18.655	20.52	292.76	1.200	* 0.000	1.00	3.350	4.02	132.0	0.0	313.9
60.00		1.00	0.85	18.745	20.61	292.23	1.200	* 0.000	1.00	3.336	4.00	132.1	0.0	312.6
61.00		1.00	0.85	18.834	20.71	291.68	1.200	* 0.000	1.00	3.322	3.99	132.1	0.0	311.3
62.00		1.00	0.86	18.921	20.81	291.12	1.200	* 0.000	1.00	3.308	3.97	132.2	0.0	309.9
63.00		1.00	0.86	19.008	20.90	290.54	1.200	* 0.000	1.00	3.293	3.95	132.2	0.0	308.6
64.00		1.00	0.87	19.094	21.00	289.94	1.200	* 0.000	1.00	3.279	3.94	132.2	0.0	307.2
65.00		1.00	0.87	19.179	21.09	289.33	1.200	* 0.000	1.00	3.265	3.92	132.3	0.0	305.9
66.00		1.00	0.87	19.262	21.18	288.71	1.200	* 0.000	1.00	3.251	3.90	132.3	0.0	304.5
67.00		1.00	0.88	19.345	21.28	288.08	1.200	* 0.000	1.00	3.237	3.88	132.3	0.0	303.2
68.00		1.00	0.88	19.427	21.37	287.43	1.200	* 0.000	1.00	3.223	3.87	132.2	0.0	301.9
69.00		1.00	0.88	19.509	21.45	286.77	1.200	* 0.000	1.00	3.209	3.85	132.2	0.0	300.5
70.00		1.00	0.89	19.589	21.54	286.09	1.200	* 0.000	1.00	3.195	3.83	132.2	0.0	299.2
71.00		1.00	0.89	19.669	21.63	285.40	1.200	* 0.000	1.00	3.181	3.82	132.1	0.0	297.8
72.00		1.00	0.90	19.747	21.72	284.70	1.200	* 0.000	1.00	3.167	3.80	132.1	0.0	296.5
73.00		1.00	0.90	19.825	21.80	283.99	1.200	* 0.000	1.00	3.153	3.78	132.0	0.0	295.2
74.00		1.00	0.90	19.902	21.89	283.27	1.200	* 0.000	1.00	3.138	3.77	131.9	0.0	293.8
75.00	Top - Section 3	1.00	0.91	19.979	21.97	282.54	1.200	* 0.000	1.00	3.124	3.75	131.8	0.0	292.5
76.00		1.00	0.91	20.055	22.06	281.79	1.200	* 0.000	1.00	3.110	3.73	131.7	0.0	233.7
77.00		1.00	0.91	20.130	22.14	281.04	1.200	* 0.000	1.00	3.096	3.72	131.6	0.0	232.6
78.00		1.00	0.92	20.204	22.22	280.27	1.200	* 0.000	1.00	3.082	3.70	131.5	0.0	231.6
79.00		1.00	0.92	20.278	22.30	279.50	1.200	* 0.000	1.00	3.068	3.68	131.4	0.0	230.5
80.00		1.00	0.92	20.351	22.38	278.71	1.200	* 0.000	1.00	3.054	3.66	131.3	0.0	229.4
81.00		1.00	0.93	20.423	22.46	277.91	1.200	* 0.000	1.00	3.040	3.65	131.1	0.0	228.4
82.00		1.00	0.93	20.495	22.54	277.11	1.200	* 0.000	1.00	3.026	3.63	131.0	0.0	227.3
83.00		1.00	0.93	20.566	22.62	276.29	1.200	* 0.000	1.00	3.012	3.61	130.8	0.0	226.2
84.00		1.00	0.94	20.636	22.70	275.47	1.200	* 0.000	1.00	2.998	3.60	130.6	0.0	225.1
84.11	Reinf Bottom	1.00	0.94	20.644	22.70	275.38	1.200	* 0.000	0.11	0.329	0.39	14.3	0.0	24.7
85.00	Top - Section 4	1.00	0.94	20.706	22.77	274.63	1.200	* 0.000	0.89	2.655	3.19	116.1	0.0	244.0
86.00		1.00	0.94	20.776	22.85	199.91	1.200	* 0.000	1.00	2.170	2.60	95.2	0.0	131.9
87.00		1.00	0.95	20.844	22.92	198.97	1.200	* 0.000	1.00	2.156	2.59	94.9	0.0	131.4
88.00		1.00	0.95	20.913	23.00	198.02	1.200	* 0.000	1.00	2.142	2.57	94.6	0.0	130.9
89.00		1.00	0.95	20.980	23.07	197.06	1.200	* 0.000	1.00	2.129	2.55	94.3	0.0	130.4
90.00		1.00	0.95	21.047	23.15	196.10	1.200	* 0.000	1.00	2.115	2.54	94.0	0.0	129.9
91.00		1.00	0.96	21.114	23.22	195.13	1.200	* 0.000	1.00	2.101	2.52	93.7	0.0	129.3
92.00		1.00	0.96	21.180	23.29	194.15	1.200	* 0.000	1.00	2.087	2.50	93.4	0.0	128.8
93.00		1.00	0.96	21.245	23.37	193.17	1.200	* 0.000	1.00	2.074	2.49	93.0	0.0	128.3
94.00		1.00	0.97	21.310	23.44	192.18	1.200	* 0.000	1.00	2.060	2.47	92.7	0.0	127.8
95.00		1.00	0.97	21.375	23.51	191.18	1.200	* 0.000	1.00	2.046	2.46	92.4	0.0	127.2
95.50	Reinf. Top	1.00	0.97	21.407	23.54	190.68	1.200	* 0.000	0.50	1.018	1.22	46.0	0.0	63.4
96.00		1.00	0.97	21.439	23.58	190.18	1.200	* 0.000	0.50	1.015	1.22	45.9	0.0	38.2
97.00		1.00	0.98	21.503	23.65	189.17	1.200	* 0.000	1.00	2.019	2.42	91.7	0.0	76.1
98.00		1.00	0.98	21.566	23.72	188.15	1.200	* 0.000	1.00	2.005	2.41	91.3	0.0	75.6
99.00		1.00	0.98	21.628	23.79	187.13	1.200	* 0.000	1.00	1.991	2.39	91.0	0.0	75.0
100.0		1.00	0.98	21.690	23.86	186.10	1.200	* 0.000	1.00	1.978	2.37	90.6	0.0	74.5
101.0		1.00	0.99	21.752	23.92	185.07	1.200	* 0.000	1.00	1.964	2.36	90.2	0.0	74.0
102.0		1.00	0.99	21.814	23.99	184.03	1.200	* 0.000	1.00	1.950	2.34	89.8	0.0	73.5
103.0		1.00	0.99	21.874	24.06	182.98	1.200	* 0.000	1.00	1.936	2.32	89.5	0.0	73.0
104.0		1.00	0.99	21.935	24.12	181.93	1.200	* 0.000	1.00	1.923	2.31	89.1	0.0	72.4
105.0		1.00	1.00	21.995	24.19	180.87	1.200	* 0.000	1.00	1.909	2.29	88.7	0.0	71.9

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

106.0		1.00	1.00	22.055	24.26	179.81	1.200	*	0.000	1.00	1.895	2.27	88.3	0.0	71.4
107.0		1.00	1.00	22.114	24.32	178.74	1.200	*	0.000	1.00	1.881	2.26	87.9	0.0	70.9
108.0		1.00	1.01	22.173	24.39	177.67	1.200	*	0.000	1.00	1.868	2.24	87.5	0.0	70.3
109.0		1.00	1.01	22.231	24.45	176.59	1.200	*	0.000	1.00	1.854	2.22	87.0	0.0	69.8
110.0	Top - Section 5	1.00	1.01	22.289	24.51	175.50	1.200	*	0.000	1.00	1.840	2.21	86.6	0.0	69.3
111.0		1.00	1.01	22.347	24.58	174.44	1.245	*	0.000	1.00	1.827	2.27	89.4	0.0	51.7
112.0		1.00	1.02	22.404	24.64	173.37	1.249	*	0.000	1.00	1.813	2.26	89.3	0.0	51.3
113.0		1.00	1.02	22.461	24.70	172.29	1.253	*	0.000	1.00	1.800	2.25	89.1	0.0	51.0
114.0		1.00	1.02	22.518	24.77	171.21	1.257	*	0.000	1.00	1.786	2.25	89.0	0.0	50.6
115.0		1.00	1.02	22.574	24.83	170.13	1.261	*	0.000	1.00	1.773	2.24	88.8	0.0	50.2
116.0		1.00	1.03	22.630	24.89	169.04	1.266	*	0.000	1.00	1.759	2.23	88.7	0.0	49.8
117.0		1.00	1.03	22.686	24.95	167.94	1.270	*	0.000	1.00	1.746	2.22	88.5	0.0	49.4
118.0		1.00	1.03	22.741	25.01	166.85	1.274	*	0.000	1.00	1.732	2.21	88.4	0.0	49.0
119.0		1.00	1.03	22.796	25.07	165.74	1.279	*	0.000	1.00	1.719	2.20	88.2	0.0	48.7
120.0		1.00	1.04	22.850	25.13	164.63	1.283	*	0.000	1.00	1.705	2.19	88.0	0.0	48.3
121.0		1.00	1.04	22.905	25.19	163.52	1.288	*	0.000	1.00	1.692	2.18	87.8	0.0	47.9
122.0		1.00	1.04	22.959	25.25	162.40	1.293	*	0.000	1.00	1.678	2.17	87.7	0.0	47.5
123.0		1.00	1.04	23.012	25.31	161.28	1.298	*	0.000	1.00	1.665	2.16	87.5	0.0	47.1
124.0		1.00	1.05	23.065	25.37	160.16	1.200	*	0.000	1.00	1.651	1.98	80.4	0.0	46.7
125.0		1.00	1.05	23.118	25.43	159.02	1.200	*	0.000	1.00	1.638	1.97	80.0	0.0	46.3
126.0		1.00	1.05	23.171	25.48	157.89	1.200	*	0.000	1.00	1.624	1.95	79.5	0.0	46.0
127.0		1.00	1.05	23.223	25.54	156.75	1.200	*	0.000	1.00	1.611	1.93	79.0	0.0	45.6
128.0		1.00	1.06	23.276	25.60	155.61	1.200	*	0.000	1.00	1.597	1.92	78.5	0.0	45.2
129.0		1.00	1.06	23.327	25.66	154.46	1.200	*	0.000	1.00	1.584	1.90	78.0	0.0	44.8
130.0	Appertunance(s)	1.00	1.06	23.379	25.71	153.31	1.200	*	0.000	1.00	1.570	1.88	77.5	0.0	44.4
131.0		1.00	1.06	23.430	25.77	152.15	1.000		0.000	1.00	1.557	1.56	64.2	0.0	44.0
132.0		1.00	1.07	23.481	25.82	151.00	1.000		0.000	1.00	1.543	1.54	63.8	0.0	43.6
133.0		1.00	1.07	23.532	25.88	149.83	1.000		0.000	1.00	1.530	1.53	63.4	0.0	43.3
134.0		1.00	1.07	23.582	25.94	148.67	1.000		0.000	1.00	1.517	1.52	62.9	0.0	42.9
135.0		1.00	1.07	23.632	25.99	147.49	1.000		0.000	1.00	1.503	1.50	62.5	0.0	42.5
136.0		1.00	1.07	23.682	26.05	146.32	1.000		0.000	1.00	1.490	1.49	62.1	0.0	42.1
137.0		1.00	1.08	23.732	26.10	145.14	1.000		0.000	1.00	1.476	1.48	61.7	0.0	41.7
138.0		1.00	1.08	23.781	26.15	143.96	1.000		0.000	1.00	1.463	1.46	61.2	0.0	41.3
139.0		1.00	1.08	23.830	26.21	142.77	1.000		0.000	1.00	1.449	1.45	60.8	0.0	40.9
140.0	Appertunance(s)	1.00	1.08	23.879	26.26	141.58	1.000		0.000	1.00	1.436	1.44	60.3	0.0	40.6
141.0		1.00	1.09	23.928	26.32	140.39	1.000		0.000	1.00	1.422	1.42	59.9	0.0	40.2
142.0		1.00	1.09	23.976	26.37	139.19	1.000		0.000	1.00	1.409	1.41	59.4	0.0	39.8
143.0		1.00	1.09	24.024	26.42	137.99	1.000		0.000	1.00	1.395	1.40	59.0	0.0	39.4
144.0		1.00	1.09	24.072	26.47	136.79	1.000		0.000	1.00	1.382	1.38	58.5	0.0	39.0
145.0		1.00	1.09	24.120	26.53	135.58	1.000		0.000	1.00	1.368	1.37	58.1	0.0	38.6
146.0		1.00	1.10	24.167	26.58	134.37	1.000		0.000	1.00	1.355	1.35	57.6	0.0	38.3
147.0		1.00	1.10	24.214	26.63	133.16	1.000		0.000	1.00	1.341	1.34	57.2	0.0	37.9
148.0		1.00	1.10	24.261	26.68	131.94	1.000		0.000	1.00	1.328	1.33	56.7	0.0	37.5
149.0		1.00	1.10	24.308	26.73	130.72	1.000		0.000	1.00	1.314	1.31	56.2	0.0	37.1
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000		0.000	1.00	1.301	1.30	55.8	0.0	36.7

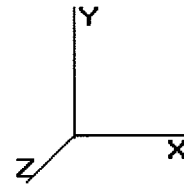
* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 16,142.6 0.0 34,919.0

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	19.979	21.977	1.00	1.00	1.00	0.000	0.000	35.16	0.00	0.00	12.00
110.0	48" x 12" Panels	9	22.289	24.518	0.54	0.80	27.01	0.000	0.000	1,059.75	0.00	0.00	324.00
110.0	72" x 12" Panels	3	22.289	24.518	0.54	0.80	13.51	0.000	0.000	529.88	0.00	0.00	162.00
110.0	Round T-Arms	3	22.289	24.518	0.45	0.75	13.09	0.000	0.000	513.70	0.00	0.00	900.00
130.0	Antel BXA-171063-8BF	1	23.481	25.829	0.57	0.80	1.67	0.000	2.000	69.01	0.00	138.02	12.60
130.0	Antel BXA-171085-8BF	2	23.481	25.829	0.57	0.80	3.34	0.000	2.000	138.02	0.00	276.05	26.40
130.0	Antel BXA-70063/6CF	3	23.481	25.829	0.53	0.80	12.01	0.000	2.000	496.20	0.00	992.40	53.64
130.0	Antel LPA-80063/6CF	2	23.379	25.717	0.61	0.80	11.66	0.000	0.000	479.83	0.00	0.00	64.80
130.0	Antel LPA-80080/6CF	4	23.481	25.829	0.52	0.80	17.95	0.000	2.000	741.83	0.00	1,483.66	100.80
130.0	RFS FD9R6004/1C-3L	6	23.481	25.829	0.40	0.80	0.89	0.000	2.000	36.70	0.00	73.40	22.32
130.0	Round Low Profile PI	1	23.379	25.717	1.00	1.00	21.70	0.000	0.000	892.88	0.00	0.00	1,800.00
140.0	Alcatel-Lucent 1900	3	23.879	26.267	0.54	0.80	4.36	0.000	0.000	183.14	0.00	0.00	216.00
140.0	Alcatel-Lucent 800 M	3	23.879	26.267	0.54	0.80	3.86	0.000	0.000	162.19	0.00	0.00	230.40
140.0	Decibel DB980H90E-M	6	23.976	26.374	0.54	0.80	12.54	0.000	2.000	529.27	0.00	1,058.53	61.20
140.0	RFS APXVSPP18-C-	3	23.879	26.267	0.66	0.80	15.98	0.000	0.000	671.42	0.00	0.00	205.20
140.0	Round Low Profile PI	1	23.976	26.374	0.90	1.00	16.20	0.000	2.000	683.61	0.00	1,367.22	1,440.00
150.0	Powerwave 7020.00	6	24.401	26.841	0.40	0.80	0.96	0.000	1.000	41.23	0.00	41.23	15.84
150.0	Powerwave 7770.00	6	24.401	26.841	0.51	0.80	16.93	0.000	1.000	726.93	0.00	726.93	252.00
150.0	Powerwave LGP21401	6	24.401	26.841	0.40	0.80	3.10	0.000	1.000	132.96	0.00	132.96	101.52
150.0	Powerwave LGP21901	6	24.401	26.841	0.40	0.80	0.55	0.000	1.000	23.71	0.00	23.71	39.60
150.0	Round Low Profile PI	1	24.401	26.841	0.90	1.00	19.53	0.000	1.000	838.72	0.00	838.72	1,800.00
										8,986.15			7,840.32

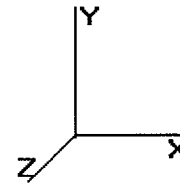
Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
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 Shape : 12 Sides
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Code: ANSI/TIA-222 Rev G
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 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
6.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.244	0.000	57.87	73.51
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.244	0.000	0.00	0.18
7.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.247	0.000	57.87	73.51
7.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.247	0.000	0.00	0.18
8.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.250	0.000	57.87	73.51
8.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.250	0.000	0.00	0.18
9.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.253	0.000	57.87	73.51
9.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.253	0.000	0.00	0.18
10.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.256	0.000	57.87	73.51
10.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.256	0.000	0.00	0.18
11.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.259	0.000	57.87	73.51
11.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.259	0.000	0.00	0.18
12.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.262	0.000	57.87	73.51
12.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.262	0.000	0.00	0.18
13.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.265	0.000	57.87	73.51
13.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.265	0.000	0.00	0.18
14.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.268	0.000	57.87	73.51
14.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.268	0.000	0.00	0.18
15.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.272	0.000	57.87	73.51
15.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.272	0.000	0.00	0.18
16.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.272	0.000	57.87	73.51
16.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.272	0.000	0.00	0.18
17.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.273	0.000	57.87	73.51
17.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.273	0.000	0.00	0.18
18.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.274	0.000	57.87	73.51
18.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.274	0.000	0.00	0.18
19.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.275	0.000	57.87	73.51
19.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.275	0.000	0.00	0.18
20.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.276	0.000	57.87	73.51
20.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.276	0.000	0.00	0.18
21.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.277	0.000	57.87	73.51
21.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.277	0.000	0.00	0.18
22.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.278	0.000	57.87	73.51
22.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.278	0.000	0.00	0.18
23.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.279	0.000	57.87	73.51
23.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.279	0.000	0.00	0.18
24.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.280	0.000	57.87	73.51
24.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.280	0.000	0.00	0.18
25.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.282	0.000	57.87	73.51
25.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.282	0.000	0.00	0.18
26.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.283	0.000	57.87	73.51
26.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.283	0.000	0.00	0.18
27.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.284	0.000	57.87	73.51
27.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.284	0.000	0.00	0.18
28.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.285	0.000	57.87	73.51
28.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.285	0.000	0.00	0.18
29.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.286	0.000	57.87	73.51
29.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.286	0.000	0.00	0.18
30.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.377	0.287	0.000	57.92	73.51
30.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.377	0.287	0.000	0.00	0.18
31.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.522	0.288	0.000	58.46	73.51



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

October 15, 2012

Jennifer Palumbo
Real Estate Consultant
Sprint
48 Spruce Street
Oakland, NJ 07436

RE: **EM-SPRINT-096-120925** – Sprint Spectrum L.P. notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Ms. Palumbo:

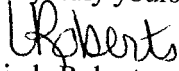
The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Not less than 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated September 19, 2012. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Very truly yours,


Linda Roberts
Executive Director

LR/CDM/laf

c: The Honorable Patricia A. Murphy, Mayor, Town of New Milford
Laura Regan, Zoning Enforcement Officer, Town of New Milford
American Tower Corporation



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

September 26, 2012

The Honorable Patricia A. Murphy
Mayor
Town of New Milford Town Hall
10 Main Street
New Milford, CT 06776

RE: **EM-SPRINT-096-120925** – Sprint Spectrum L.P. notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, Connecticut.

Dear Mayor Murphy:

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

If you have any questions or comments regarding this proposal, please call me or inform the Council by October 10, 2012.

Thank you for your cooperation and consideration.

Very truly yours,

Linda Roberts
Executive Director

LR/laf

Enclosure: Notice of Intent



Together with Nextel

EM-SPRINT-096-120925

~ORIGINAL~

48 Spruce Street
Oakland, NJ 07436
Phone: (845) 499-4712
Jennifer Palumbo

September 19, 2012

Hand Delivered

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

RECEIVED
SEP 25 2012
CONNECTICUT
SITING COUNCIL

RE: Sprint Spectrum L.P. notice of intent to modify an existing telecommunications facility located at 4 Elkington Farm Road, New Milford, CT 06776. Known to Sprint Spectrum L.P. as site CT33XC097.

Dear Ms. Roberts:

In order to accommodate technological changes, implement Code Division Multiple Access ("CDMA") and/or Long Term Evolution ("LTE") capabilities, and enhance system performance in the state of Connecticut, Sprint Spectrum L.P. plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and its attachments is being sent to the chief elected official of the municipality in which affected cell site is located.

CDMA employs Spread-Spectrum technology and special coding scheme to allow multiple users to be multiplexed over the same physical channel. LTE is a new high-performance air interface for cellular mobile communications. It is designed to increase the capacity and speed of mobile telephone networks.

As part of the project the new multi-mode 800/1900 antenna will replace existing antennas. These antennas will provide more flexibility for optimization by allowing fast and easy electrical tilt adjustment from remote location and will enable the transmission of multiple technologies from a single antenna. As Sprint Nextel's network evolves to meet the demands of its customers, it is essential for Sprint Nextel to install modern

equipment and antennas in order to provide reliable wireless voice and data services. The proposed equipment will include multi-mode radios that will allow Sprint Nextel to transmit at different frequencies using different technologies, including LTE technology. Likewise, the proposed antennas are quad-pole multi-band high gain antennas that will allow Sprint to operate using its multiple frequency bands and technologies, including LTE technology. The proposed equipment and antennas will improve the reliability, coverage and capacity of Sprint Nextel's voice and data networks across Sprint Nextel's various FCC licensed frequency bands and significantly increase the data speeds of Sprint Nextel's network by utilizing the latest LTE technology. Without the proposed modifications Sprint Nextel will be unable to provide reliable wireless voice and data service using the latest technologies.

Sprint Spectrum L.P. will have an interim (testing) period during the modification/installation prior to the final configuration. This antenna configuration is shown on the attached drawings of the planned modifications. Also included is the power density calculation reflecting the change in Sprint's operations at the site and documentation of the structural sufficiency of the tower to accommodate the revised antenna configuration.

The changes to the facility do not constitute modification as defined Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed or altered. Rather, the planned changes to the facility fall squarely within those activities explicitly provided for the R.C.S.A. Section 16-50j-72(b)(2).

1. The height of the overall structure will not be affected.
2. The proposed changes will not extend the site boundaries. There will be no effect on the site compound.
3. The proposed changes will not increase the noise level at the existing facility by 6 decibels or more.
4. Radio Frequency power density may increase due to the use of one or more CDMA transmissions. Moreover, LTE will utilize additional radio frequencies newly licensed by the FCC for cellular mobile communications. However, the changes will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site.

For the foregoing reasons Sprint Spectrum L.P. respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (845)-499-4712 or email JPalumbo@Transcendwireless.com with questions concerning this matter.
Thank you for your consideration.

Sincerely,

Jennifer Palumbo
Real Estate Consultant



EBI Consulting

environmental | engineering | due diligence

RADIO FREQUENCY EMISSIONS ANALYSIS REPORT EVALUATION OF HUMAN EXPOSURE POTENTIAL TO NON-IONIZING EMISSIONS

Sprint Existing Facility

Site ID: CT33XC097

**Waymart 2 / SNET
4 Elkington Farm Road
New Milford, CT 06776**

September 02, 2012



September 02, 2012

Sprint
Attn: RF Engineering Manager
1 International Boulevard, Suite 800
Mahwah, NJ 07495

Re: Emissions Values for Site **CT33XC097 – Waymart 2 / SNET**

EBI Consulting was directed to analyze the proposed upgrades to the existing Sprint facility located at 4 Elkington Farm Road, New Milford, CT, for the purpose of determining whether the emissions from the proposed Sprint equipment upgrades on this property are within specified federal limits.

All information used in this report was analyzed as a percentage of current Maximum Permissible Exposure (% MPE) as listed in the FCC OET Bulletin 65 Edition 97-01 and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The number of $\mu\text{W}/\text{cm}^2$ calculated at each sample point is called the power density. The exposure limit for power density varies depending upon the frequencies being utilized. Wireless Carriers and Paging Services use different frequency bands each with different exposure limits, therefore it is necessary to report results and limits in terms of percent MPE rather than power density.

All results were compared to the FCC (Federal Communications Commission) radio frequency exposure rules, 47 CFR 1.1307(b)(1) – (b)(3), to determine compliance with the Maximum Permissible Exposure (MPE) limits for General Population/Uncontrolled environments as defined below.

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

Public exposure to radio frequencies is regulated and enforced in units of microwatts per square centimeter ($\mu\text{W}/\text{cm}^2$). The general population exposure limit for the cellular band is approximately $567 \mu\text{W}/\text{cm}^2$, and the general population exposure limit for the PCS band is $1000 \mu\text{W}/\text{cm}^2$. Because each carrier will be using different frequency bands, and each frequency band has different exposure limits, it is necessary to report percent of MPE rather than power density.

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

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed upgrades to the existing Sprint Wireless antenna facility located at 4 Elkington Farm Road, New Milford, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario. Actual values seen from this site will be dramatically less than those shown in this report. For this report the sample point is the top of a 6 foot person standing at the base of the tower.

For all calculations, all emissions were calculated using the following assumptions:

- 1) 3 CDMA Carriers (1900 MHz) were considered for each sector of the proposed installation.
- 2) 1 CDMA Carrier (850 MHz) was considered for each sector of the proposed installation
- 3) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 4) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The actual gain in this direction was used per the manufactures supplied specifications.
- 5) The antenna used in this modeling is the RFS APXVSP18-C-A20. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.9 dBd gain value at its main lobe at 1900 MHz and 13.4 dBd at its main lobe for 850 MHz. All calculations were performed assuming the main lobe of the antenna was focused at the base of the tower to present a worst case scenario.



EBI Consulting

environmental | engineering | due diligence

- 6) The antenna mounting height centerline of the proposed antennas is **140.4 feet** above ground level (AGL)
- 7) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

All calculation were done with respect to uncontrolled / general public threshold limits

Site IDCT33XC097 - Waymart 2 / SNET											
Site Address4 Elkington Farm Road, New Milford, CT 06776											
Site TypeMonopole											

Sector 1																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	RFS	APXVSP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	3	60	15.9	140.4	134.4	1/2 "	0.5	0	2080.4211	41.40556	4.14056%
1a	RFS	APXVSP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	140.4	134.4	1/2 "	0.5	0	389.96892	7.761353	1.36885%
Sector total Power Density Value: 5.509%																	

Sector 2																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss	Additional Loss	ERP	Power Density Value	Power Density Percentage
2a	RFS	APXVSP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	3	60	15.9	140.4	134.4	1/2 "	0.5	0	2080.4211	41.40556	4.14056%
2a	RFS	APXVSP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	140.4	134.4	1/2 "	0.5	0	389.96892	7.761353	1.36885%
Sector total Power Density Value: 5.509%																	

Sector 3																	
Antenna Number	Antenna Make	Antenna Model	Radio Type	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss	Additional Loss	ERP	Power Density Value	Power Density Percentage
3a	RFS	APXVSP18-C-A20	RRH	1900 MHz	CDMA / LTE	20	3	60	15.9	140.4	134.4	1/2 "	0.5	0	2080.4211	41.40556	4.14056%
3a	RFS	APXVSP18-C-A20	RRH	850 MHz	CDMA / LTE	20	1	20	13.4	140.4	134.4	1/2 "	0.5	0	389.96892	7.761353	1.36885%
Sector total Power Density Value: 5.509%																	

Site Composite MPE %	
Carrier	MPE %
Sprint	16.528%
AT&T	16.500%
PageNet	0.780%
Nextel	4.710%
Verizon Wireless	19.850%
Total Site MPE %	
58.368%	

Summary

All calculations performed for this analysis yielded results that were well within the allowable limits for general public exposure to RF Emissions.

The anticipated Maximum Composite contributions from the Sprint facility are **16.528% (5.509% from each sector)** of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **58.368%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions

FCC guidelines state that if a site is found to be out of compliance (over allowable thresholds), that carriers over a 5% contribution to the composite value will require measures to bring the site into compliance. For this facility, the composite values calculated were well within the allowable 100% threshold standard per the federal government



Scott Heffernan
RF Engineering Director

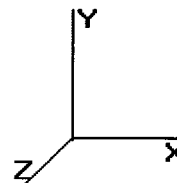
EBI Consulting
21 B Street
Burlington, MA 01803

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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6/15/2012 5:18:12 PM
Page: 11



Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

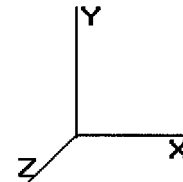
Wind Load Factor : 1.60

31.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.522	0.288	0.000	0.00	0.18
32.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.663	0.289	0.000	58.99	73.51
32.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.663	0.289	0.000	0.00	0.18
33.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.802	0.290	0.000	59.52	73.51
33.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.802	0.290	0.000	0.00	0.18
34.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.937	0.291	0.000	60.03	73.51
34.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.937	0.291	0.000	0.00	0.18
35.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.070	0.292	0.000	60.52	73.51
35.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.070	0.292	0.000	0.00	0.18
36.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.199	0.293	0.000	61.01	73.51
36.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.199	0.293	0.000	0.00	0.18
37.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.327	0.295	0.000	61.49	73.51
37.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.327	0.295	0.000	0.00	0.18
38.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.452	0.296	0.000	61.96	73.51
38.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.452	0.296	0.000	0.00	0.18
39.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.574	0.297	0.000	62.42	73.51
39.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.574	0.297	0.000	0.00	0.18
40.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.694	0.298	0.000	62.88	73.51
40.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.694	0.298	0.000	0.00	0.18
41.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.813	0.299	0.000	63.32	73.51
41.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.813	0.299	0.000	0.00	0.18
42.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.929	0.300	0.000	63.76	73.51
42.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.929	0.300	0.000	0.00	0.18
43.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.043	0.302	0.000	64.19	73.51
43.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.043	0.302	0.000	0.00	0.18
44.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.155	0.303	0.000	64.61	73.51
44.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.155	0.303	0.000	0.00	0.18
45.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.266	0.304	0.000	65.03	73.51
45.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.266	0.304	0.000	0.00	0.18
46.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.375	0.305	0.000	65.44	73.51
46.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.375	0.305	0.000	0.00	0.18
47.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.482	0.306	0.000	65.84	73.51
47.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.482	0.306	0.000	0.00	0.18
48.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.587	0.308	0.000	66.24	73.51
48.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.587	0.308	0.000	0.00	0.18
49.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.691	0.309	0.000	66.63	73.51
49.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.691	0.309	0.000	0.00	0.18
50.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.793	0.310	0.000	67.02	73.51
50.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.793	0.310	0.000	0.00	0.18
51.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.894	0.311	0.000	67.40	73.51
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.894	0.311	0.000	0.00	0.18
52.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.994	0.313	0.000	67.77	73.51
52.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.994	0.313	0.000	0.00	0.18
53.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.092	0.314	0.000	68.14	73.51
53.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.092	0.314	0.000	0.00	0.18
54.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.189	0.315	0.000	68.51	73.51
54.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.189	0.315	0.000	0.00	0.18
55.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.285	0.317	0.000	68.87	73.51
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.285	0.317	0.000	0.00	0.18
56.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.379	0.315	0.000	69.22	73.51
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.379	0.315	0.000	0.00	0.18
57.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.472	0.317	0.000	69.57	73.51
57.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.472	0.317	0.000	0.00	0.18
58.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.564	0.318	0.000	69.92	73.51
58.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.564	0.318	0.000	0.00	0.18
59.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.655	0.319	0.000	70.26	73.51
59.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.655	0.319	0.000	0.00	0.18

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

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

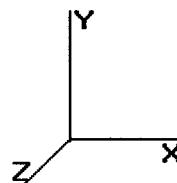
Wind Importance Factor : 1.00

60.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.745	0.321	0.000	70.60	73.51
60.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.745	0.321	0.000	0.00	0.18
61.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.834	0.322	0.000	70.94	73.51
61.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.834	0.322	0.000	0.00	0.18
62.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.921	0.324	0.000	71.27	73.51
62.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.921	0.324	0.000	0.00	0.18
63.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.008	0.325	0.000	71.59	73.51
63.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.008	0.325	0.000	0.00	0.18
64.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.094	0.326	0.000	71.91	73.51
64.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.094	0.326	0.000	0.00	0.18
65.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.179	0.328	0.000	72.23	73.51
65.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.179	0.328	0.000	0.00	0.18
66.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.262	0.329	0.000	72.55	73.51
66.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.262	0.329	0.000	0.00	0.18
67.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.345	0.331	0.000	72.86	73.51
67.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.345	0.331	0.000	0.00	0.18
68.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.427	0.332	0.000	73.17	73.51
68.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.427	0.332	0.000	0.00	0.18
69.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.509	0.333	0.000	73.48	73.51
69.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.509	0.333	0.000	0.00	0.18
70.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.589	0.335	0.000	73.78	73.51
70.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.589	0.335	0.000	0.00	0.18
71.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.669	0.336	0.000	74.08	73.51
71.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.669	0.336	0.000	0.00	0.18
72.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.747	0.338	0.000	74.38	73.51
72.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.747	0.338	0.000	0.00	0.18
73.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.825	0.339	0.000	74.67	73.51
73.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.825	0.339	0.000	0.00	0.18
74.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.902	0.341	0.000	74.96	73.51
74.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.902	0.341	0.000	0.00	0.18
75.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.979	0.342	0.000	75.25	73.51
75.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.979	0.342	0.000	0.00	0.18
76.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.055	0.344	0.000	75.53	73.51
77.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.130	0.346	0.000	75.82	73.51
78.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.204	0.347	0.000	76.10	73.51
79.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.278	0.349	0.000	76.37	73.51
80.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.351	0.487	0.000	29.85	60.12
80.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.351	0.487	0.000	76.65	73.51
81.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.423	0.489	0.000	29.95	60.12
81.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.423	0.489	0.000	76.92	73.51
82.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.495	0.491	0.000	30.06	60.12
82.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.495	0.491	0.000	77.19	73.51
83.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.566	0.494	0.000	30.16	60.12
83.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.566	0.494	0.000	77.46	73.51
84.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.636	0.496	0.000	30.27	60.12
84.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.636	0.496	0.000	77.73	73.51
84.11	(3) #20 Dywidag Bars	Yes	0.11	2.000	5.00	0.05	0.09	20.644	0.497	0.000	3.33	6.61
84.11	(2) Seam Flange	Yes	0.11	2.000	12.84	0.12	0.24	20.644	0.497	0.000	8.55	8.08
85.00	(3) #20 Dywidag Bars	Yes	0.89	2.000	5.00	0.37	0.74	20.706	0.498	0.000	27.03	53.51
85.00	(2) Seam Flange	Yes	0.89	2.000	12.84	0.95	1.90	20.706	0.498	0.000	69.42	65.43
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.776	0.498	0.000	14.55	11.81
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.776	0.498	0.000	14.55	11.81
86.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.776	0.498	0.000	30.47	60.12
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.844	0.501	0.000	14.60	11.81
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.844	0.501	0.000	14.60	11.81
87.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.844	0.501	0.000	30.57	60.12
88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.913	0.504	0.000	14.65	11.81

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

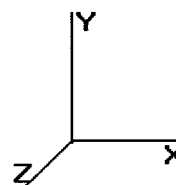
Wind Load Factor : 1.60

88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.913	0.504	0.000	14.65	11.81
88.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.913	0.504	0.000	30.67	60.12
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.980	0.507	0.000	14.70	11.81
89.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.980	0.507	0.000	30.77	60.12
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.047	0.511	0.000	14.74	11.81
90.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.047	0.511	0.000	30.87	60.12
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.114	0.514	0.000	14.79	11.81
91.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.114	0.514	0.000	30.97	60.12
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.180	0.517	0.000	14.84	11.81
92.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.180	0.517	0.000	31.06	60.12
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.245	0.521	0.000	14.88	11.81
93.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.245	0.521	0.000	31.16	60.12
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.310	0.524	0.000	14.93	11.81
94.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.310	0.524	0.000	31.26	60.12
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.375	0.528	0.000	14.97	11.81
95.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.375	0.528	0.000	31.35	60.12
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	21.407	0.530	0.000	7.50	5.90
95.50	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.21	0.42	21.407	0.530	0.000	15.70	30.06
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	21.439	0.532	0.000	7.51	5.90
96.00	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.21	0.42	21.439	0.532	0.000	15.72	30.06
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.503	0.535	0.000	15.06	11.81
97.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.503	0.535	0.000	31.54	60.12
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.566	0.539	0.000	15.11	11.81
98.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.566	0.539	0.000	31.63	60.12
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.628	0.542	0.000	15.15	11.81
99.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.628	0.542	0.000	31.72	60.12
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.690	0.546	0.000	15.19	11.81
100.0	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.690	0.546	0.000	31.81	60.12
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.752	0.338	0.000	15.24	11.81
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.752	0.338	0.000	15.24	11.81
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.814	0.340	0.000	15.28	11.81
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.814	0.340	0.000	15.28	11.81
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.874	0.343	0.000	15.32	11.81
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.874	0.343	0.000	15.32	11.81
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.935	0.345	0.000	15.36	11.81
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.935	0.345	0.000	15.36	11.81
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.995	0.348	0.000	15.41	11.81
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.995	0.348	0.000	15.41	11.81
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.055	0.350	0.000	15.45	11.81
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.055	0.350	0.000	15.45	11.81
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.114	0.353	0.000	15.49	11.81
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.114	0.353	0.000	15.49	11.81
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.173	0.355	0.000	15.53	11.81
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.173	0.355	0.000	15.53	11.81

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

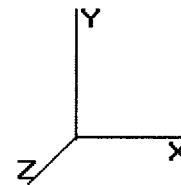
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.231	0.358	0.000	15.57	11.81
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.231	0.358	0.000	15.57	11.81
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.289	0.360	0.000	15.61	11.81
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.289	0.360	0.000	15.61	11.81
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.347	0.182	1.245	0.00	11.81
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.404	0.183	1.249	0.00	11.81
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.461	0.184	1.253	0.00	11.81
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.518	0.186	1.257	0.00	11.81
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.574	0.187	1.261	0.00	11.81
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.630	0.189	1.266	0.00	11.81
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.686	0.190	1.270	0.00	11.81
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.741	0.191	1.274	0.00	11.81
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.796	0.193	1.279	0.00	11.81
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.850	0.194	1.283	0.00	11.81
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.905	0.196	1.288	0.00	11.81
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.959	0.198	1.293	0.00	11.81
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	23.012	0.199	1.298	0.00	11.81
124.0	(12) 1 5/8" Coax	Yes	1.00	1.189	3.98	0.33	0.39	23.065	0.201	0.000	16.01	11.81
125.0	(12) 1 5/8" Coax	Yes	1.00	1.187	3.98	0.33	0.39	23.118	0.203	0.000	16.03	11.81
126.0	(12) 1 5/8" Coax	Yes	1.00	1.186	3.98	0.33	0.39	23.171	0.204	0.000	16.04	11.81
127.0	(12) 1 5/8" Coax	Yes	1.00	1.185	3.98	0.33	0.39	23.223	0.206	0.000	16.06	11.81
128.0	(12) 1 5/8" Coax	Yes	1.00	1.183	3.98	0.33	0.39	23.276	0.208	0.000	16.08	11.81
129.0	(12) 1 5/8" Coax	Yes	1.00	1.182	3.98	0.33	0.39	23.327	0.209	0.000	16.10	11.81
130.0	(12) 1 5/8" Coax	Yes	1.00	1.181	3.98	0.33	0.39	23.379	0.211	0.000	16.12	11.81

Totals: 6,776.46 7,982.53

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

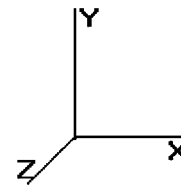
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	125.08	521.33	0.00	0.00
2.00	123.76	515.74	0.00	0.00
3.00	122.44	510.14	0.00	0.00
4.00	121.11	504.55	0.00	0.00
5.00	119.79	498.96	0.00	0.00
6.00	200.03	609.25	0.00	0.00
7.00	198.44	603.66	0.00	0.00
8.00	196.85	598.07	0.00	0.00
9.00	195.27	592.48	0.00	0.00
10.00	193.68	586.88	0.00	0.00
11.00	192.09	581.29	0.00	0.00
12.00	190.50	575.70	0.00	0.00
13.00	188.92	570.11	0.00	0.00
14.00	187.33	564.52	0.00	0.00
15.00	185.74	558.93	0.00	0.00
16.00	185.30	521.13	0.00	0.00
17.00	184.84	519.66	0.00	0.00
18.00	184.39	518.19	0.00	0.00
19.00	183.93	516.72	0.00	0.00
20.00	183.48	515.25	0.00	0.00
21.00	183.02	513.78	0.00	0.00
22.00	182.57	512.31	0.00	0.00
23.00	182.11	510.85	0.00	0.00
24.00	181.66	509.38	0.00	0.00
25.00	181.20	507.91	0.00	0.00
26.00	180.75	506.44	0.00	0.00
27.00	180.29	504.97	0.00	0.00
28.00	179.84	503.50	0.00	0.00
29.00	179.38	502.03	0.00	0.00
30.00	179.08	500.56	0.00	0.00
31.00	180.30	499.09	0.00	0.00
32.00	181.48	497.63	0.00	0.00
33.00	182.62	496.16	0.00	0.00
34.00	183.71	494.69	0.00	0.00
35.00	184.76	493.22	0.00	0.00
36.00	185.78	491.75	0.00	0.00
37.00	186.75	490.28	0.00	0.00
38.00	187.69	488.81	0.00	0.00
39.00	188.60	487.34	0.00	0.00
40.00	189.48	485.87	0.00	0.00
41.00	190.32	484.41	0.00	0.00
42.00	191.13	482.94	0.00	0.00
43.00	191.92	481.47	0.00	0.00
44.00	192.68	480.00	0.00	0.00
45.00	193.41	478.53	0.00	0.00
46.00	194.11	477.06	0.00	0.00
47.00	194.79	475.59	0.00	0.00
48.00	195.44	474.12	0.00	0.00
49.00	196.07	472.65	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

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

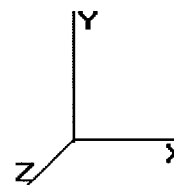
Wind Importance Factor : 1.00

50.00	196.68	471.19	0.00	0.00
51.00	197.27	469.72	0.00	0.00
52.00	197.83	468.25	0.00	0.00
53.00	198.38	466.78	0.00	0.00
54.00	198.90	465.31	0.00	0.00
55.00	199.40	463.84	0.00	0.00
56.00	200.89	433.85	0.00	0.00
57.00	201.36	432.50	0.00	0.00
58.00	201.81	431.16	0.00	0.00
59.00	202.24	429.82	0.00	0.00
60.00	202.66	428.48	0.00	0.00
61.00	203.06	427.14	0.00	0.00
62.00	203.44	425.79	0.00	0.00
63.00	203.81	424.45	0.00	0.00
64.00	204.16	423.11	0.00	0.00
65.00	204.49	421.77	0.00	0.00
66.00	204.81	420.43	0.00	0.00
67.00	205.12	419.08	0.00	0.00
68.00	205.41	417.74	0.00	0.00
69.00	205.69	416.40	0.00	0.00
70.00	205.96	415.06	0.00	0.00
71.00	206.21	413.71	0.00	0.00
72.00	206.44	412.37	0.00	0.00
73.00	206.67	411.03	0.00	0.00
74.00	206.88	409.69	0.00	0.00
75.00	242.25	420.35	0.00	0.00
76.00	207.27	349.42	0.00	0.00
77.00	207.45	348.34	0.00	0.00
78.00	207.61	347.27	0.00	0.00
79.00	207.77	346.20	0.00	0.00
80.00	237.76	405.24	0.00	0.00
81.00	237.99	404.17	0.00	0.00
82.00	238.22	403.10	0.00	0.00
83.00	238.43	402.02	0.00	0.00
84.00	238.64	400.95	0.00	0.00
84.11	26.20	44.00	0.00	0.00
85.00	212.55	400.47	0.00	0.00
86.00	154.78	234.26	0.00	0.00
87.00	154.69	233.73	0.00	0.00
88.00	154.59	233.21	0.00	0.00
89.00	154.48	232.69	0.00	0.00
90.00	154.36	232.16	0.00	0.00
91.00	154.24	231.64	0.00	0.00
92.00	154.11	231.12	0.00	0.00
93.00	153.97	230.59	0.00	0.00
94.00	153.82	230.07	0.00	0.00
95.00	153.67	229.55	0.00	0.00
95.50	76.72	114.58	0.00	0.00
96.00	76.68	89.40	0.00	0.00
97.00	153.34	178.40	0.00	0.00
98.00	153.16	177.88	0.00	0.00
99.00	152.98	177.35	0.00	0.00
100.0	152.79	176.83	0.00	0.00
101.0	120.69	116.19	0.00	0.00
102.0	120.40	115.66	0.00	0.00
103.0	120.10	115.14	0.00	0.00
104.0	119.80	114.62	0.00	0.00

Pole : 302523
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Code: ANSI/TIA-222 Rev G
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 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

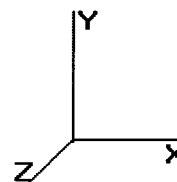
Wind Load Factor : 1.60

105.0	119.49	114.09	0.00	0.00
106.0	119.17	113.57	0.00	0.00
107.0	118.85	113.05	0.00	0.00
108.0	118.52	112.52	0.00	0.00
109.0	118.19	112.00	0.00	0.00
110.0	2,221.18	1,497.48	0.00	0.00
111.0	89.42	82.11	0.00	0.00
112.0	89.28	81.73	0.00	0.00
113.0	89.13	81.34	0.00	0.00
114.0	88.98	80.96	0.00	0.00
115.0	88.83	80.57	0.00	0.00
116.0	88.68	80.19	0.00	0.00
117.0	88.52	79.80	0.00	0.00
118.0	88.35	79.42	0.00	0.00
119.0	88.19	79.03	0.00	0.00
120.0	88.02	78.65	0.00	0.00
121.0	87.85	78.26	0.00	0.00
122.0	87.67	77.88	0.00	0.00
123.0	87.50	77.49	0.00	0.00
124.0	96.45	77.11	0.00	0.00
125.0	95.99	76.72	0.00	0.00
126.0	95.54	76.34	0.00	0.00
127.0	95.07	75.95	0.00	0.00
128.0	94.60	75.56	0.00	0.00
129.0	94.13	75.18	0.00	0.00
130.0	2,948.14	2,155.35	0.00	2,963.53
131.0	64.20	62.60	0.00	0.00
132.0	63.79	62.22	0.00	0.00
133.0	63.37	61.83	0.00	0.00
134.0	62.94	61.45	0.00	0.00
135.0	62.52	61.06	0.00	0.00
136.0	62.09	60.68	0.00	0.00
137.0	61.65	60.29	0.00	0.00
138.0	61.22	59.91	0.00	0.00
139.0	60.78	59.52	0.00	0.00
140.0	2,289.97	2,211.94	0.00	2,425.75
141.0	59.89	49.25	0.00	0.00
142.0	59.44	48.86	0.00	0.00
143.0	58.99	48.48	0.00	0.00
144.0	58.54	48.09	0.00	0.00
145.0	58.08	47.71	0.00	0.00
146.0	57.62	47.32	0.00	0.00
147.0	57.16	46.94	0.00	0.00
148.0	56.70	46.55	0.00	0.00
149.0	56.23	46.17	0.00	0.00
150.0	1,819.30	2,254.74	0.00	1,763.54
Totals:	31,905.22	55,229.07	0.00	7,152.83

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Calculated Forces

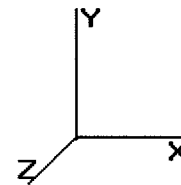
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-55.22	-31.91	0.00	-2,727.62	0.00	2,727.62	5,589.22	2,794.61	12,188.1	6,019.28	0.00	0.00	0.463
1.00	-54.69	-31.80	0.00	-2,695.71	0.00	2,695.71	5,529.59	2,764.80	11,927.7	5,890.65	0.00	-0.02	0.468
2.00	-54.17	-31.69	0.00	-2,663.91	0.00	2,663.91	5,469.96	2,734.98	11,670.0	5,763.42	0.01	-0.03	0.472
3.00	-53.65	-31.59	0.00	-2,632.22	0.00	2,632.22	5,410.34	2,705.17	11,415.2	5,637.57	0.02	-0.05	0.477
4.00	-53.13	-31.48	0.00	-2,600.63	0.00	2,600.63	5,350.71	2,675.36	11,163.2	5,513.11	0.03	-0.07	0.482
5.00	-52.63	-31.38	0.00	-2,569.15	0.00	2,569.15	5,291.09	2,645.54	10,914.0	5,390.04	0.05	-0.09	0.487
6.00	-52.01	-31.20	0.00	-2,537.77	0.00	2,537.77	5,231.46	2,615.73	10,667.6	5,268.37	0.07	-0.11	0.492
7.00	-51.39	-31.01	0.00	-2,506.58	0.00	2,506.58	5,171.84	2,585.92	10,424.1	5,148.08	0.09	-0.12	0.497
8.00	-50.78	-30.83	0.00	-2,475.56	0.00	2,475.56	5,112.21	2,556.11	10,183.3	5,029.18	0.12	-0.14	0.502
9.00	-50.18	-30.65	0.00	-2,444.73	0.00	2,444.73	5,052.58	2,526.29	9,945.41	4,911.66	0.15	-0.16	0.508
10.00	-49.58	-30.47	0.00	-2,414.08	0.00	2,414.08	4,992.96	2,496.48	9,710.28	4,795.54	0.19	-0.18	0.513
11.00	-48.99	-30.30	0.00	-2,383.61	0.00	2,383.61	4,933.33	2,466.67	9,477.97	4,680.81	0.23	-0.20	0.519
12.00	-48.41	-30.12	0.00	-2,353.31	0.00	2,353.31	4,873.71	2,436.85	9,248.46	4,567.47	0.27	-0.23	0.525
13.00	-47.83	-29.95	0.00	-2,323.18	0.00	2,323.18	4,814.08	2,407.04	9,021.78	4,455.52	0.32	-0.25	0.532
14.00	-47.25	-29.78	0.00	-2,293.23	0.00	2,293.23	4,754.46	2,377.23	8,797.90	4,344.95	0.38	-0.27	0.538
15.00	-46.68	-29.61	0.00	-2,263.46	0.00	2,263.46	4,694.83	2,347.42	8,576.84	4,235.78	0.44	-0.29	0.544
15.00	-46.68	-29.61	0.00	-2,263.46	0.00	2,263.46	4,521.17	2,260.59	8,321.30	4,109.58	0.44	-0.29	0.561
16.00	-46.15	-29.44	0.00	-2,233.85	0.00	2,233.85	4,504.82	2,252.41	8,260.75	4,079.67	0.50	-0.32	0.558
17.00	-45.62	-29.27	0.00	-2,204.41	0.00	2,204.41	4,488.46	2,244.23	8,200.41	4,049.87	0.57	-0.34	0.555
18.00	-45.09	-29.11	0.00	-2,175.13	0.00	2,175.13	4,472.10	2,236.05	8,140.29	4,020.18	0.64	-0.37	0.551
19.00	-44.56	-28.94	0.00	-2,146.03	0.00	2,146.03	4,455.74	2,227.87	8,080.40	3,990.60	0.72	-0.39	0.548
20.00	-44.03	-28.77	0.00	-2,117.09	0.00	2,117.09	4,439.38	2,219.69	8,020.72	3,961.13	0.81	-0.41	0.545
21.00	-43.51	-28.60	0.00	-2,088.32	0.00	2,088.32	4,423.02	2,211.51	7,961.27	3,931.77	0.90	-0.44	0.541
22.00	-42.98	-28.43	0.00	-2,059.72	0.00	2,059.72	4,406.67	2,203.33	7,902.04	3,902.52	0.99	-0.46	0.538
23.00	-42.46	-28.26	0.00	-2,031.29	0.00	2,031.29	4,390.31	2,195.15	7,843.03	3,873.38	1.09	-0.49	0.534
24.00	-41.94	-28.10	0.00	-2,003.02	0.00	2,003.02	4,373.95	2,186.97	7,784.24	3,844.34	1.20	-0.51	0.531
25.00	-41.43	-27.93	0.00	-1,974.93	0.00	1,974.93	4,357.59	2,178.80	7,725.67	3,815.42	1.31	-0.54	0.527
26.00	-40.91	-27.76	0.00	-1,947.00	0.00	1,947.00	4,341.23	2,170.62	7,667.32	3,786.60	1.42	-0.56	0.524
27.00	-40.39	-27.59	0.00	-1,919.24	0.00	1,919.24	4,324.87	2,162.44	7,609.20	3,757.90	1.54	-0.59	0.520
28.00	-39.88	-27.42	0.00	-1,891.65	0.00	1,891.65	4,308.52	2,154.26	7,551.29	3,729.30	1.67	-0.61	0.517
29.00	-39.37	-27.26	0.00	-1,864.23	0.00	1,864.23	4,292.16	2,146.08	7,493.61	3,700.81	1.80	-0.63	0.513
30.00	-38.86	-27.09	0.00	-1,836.97	0.00	1,836.97	4,275.80	2,137.90	7,436.15	3,672.43	1.94	-0.66	0.509
31.00	-38.35	-26.92	0.00	-1,809.89	0.00	1,809.89	4,259.44	2,129.72	7,378.91	3,644.16	2.08	-0.68	0.506
32.00	-37.85	-26.74	0.00	-1,782.97	0.00	1,782.97	4,243.08	2,121.54	7,321.89	3,616.00	2.22	-0.71	0.502
33.00	-37.34	-26.57	0.00	-1,756.23	0.00	1,756.23	4,226.72	2,113.36	7,265.09	3,587.95	2.37	-0.73	0.498
34.00	-36.84	-26.40	0.00	-1,729.66	0.00	1,729.66	4,210.37	2,105.18	7,208.51	3,560.01	2.53	-0.75	0.495
35.00	-36.34	-26.22	0.00	-1,703.26	0.00	1,703.26	4,194.01	2,097.00	7,152.15	3,532.18	2.69	-0.78	0.491
36.00	-35.84	-26.04	0.00	-1,677.04	0.00	1,677.04	4,177.65	2,088.82	7,096.02	3,504.46	2.85	-0.80	0.487
37.00	-35.34	-25.86	0.00	-1,651.00	0.00	1,651.00	4,161.29	2,080.65	7,040.10	3,476.84	3.02	-0.82	0.484
38.00	-34.84	-25.68	0.00	-1,625.13	0.00	1,625.13	4,144.93	2,072.47	6,984.41	3,449.34	3.20	-0.85	0.480
39.00	-34.35	-25.50	0.00	-1,599.45	0.00	1,599.45	4,128.57	2,064.29	6,928.94	3,421.94	3.38	-0.87	0.476
40.00	-33.85	-25.32	0.00	-1,573.95	0.00	1,573.95	4,112.22	2,056.11	6,873.69	3,394.66	3.57	-0.89	0.472
41.00	-33.36	-25.13	0.00	-1,548.64	0.00	1,548.64	4,095.86	2,047.93	6,818.66	3,367.48	3.76	-0.92	0.468
42.00	-32.87	-24.95	0.00	-1,523.50	0.00	1,523.50	4,079.50	2,039.75	6,763.85	3,340.41	3.95	-0.94	0.464
43.00	-32.38	-24.76	0.00	-1,498.56	0.00	1,498.56	4,063.14	2,031.57	6,709.27	3,313.46	4.15	-0.96	0.460
44.00	-31.90	-24.57	0.00	-1,473.80	0.00	1,473.80	4,046.78	2,023.39	6,654.90	3,286.61	4.35	-0.99	0.456
45.00	-31.41	-24.38	0.00	-1,449.23	0.00	1,449.23	4,030.42	2,015.21	6,600.76	3,259.87	4.56	-1.01	0.453
46.00	-30.93	-24.19	0.00	-1,424.85	0.00	1,424.85	4,014.07	2,007.03	6,546.84	3,233.24	4.78	-1.03	0.449
47.00	-30.45	-24.00	0.00	-1,400.65	0.00	1,400.65	3,997.71	1,998.85	6,493.13	3,206.71	5.00	-1.05	0.445
48.00	-29.97	-23.81	0.00	-1,376.65	0.00	1,376.65	3,981.35	1,990.67	6,439.65	3,180.30	5.22	-1.08	0.441
49.00	-29.49	-23.61	0.00	-1,352.85	0.00	1,352.85	3,964.99	1,982.50	6,386.39	3,154.00	5.45	-1.10	0.437

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

50.00	-29.01	-23.42	0.00	-1,329.23	0.00	1,329.23	3,948.63	1,974.32	6,333.36	3,127.81	5.68	-1.12	0.432
51.00	-28.54	-23.22	0.00	-1,305.81	0.00	1,305.81	3,932.27	1,966.14	6,280.54	3,101.72	5.92	-1.14	0.428
52.00	-28.07	-23.03	0.00	-1,282.59	0.00	1,282.59	3,915.92	1,957.96	6,227.94	3,075.75	6.16	-1.16	0.424
53.00	-27.60	-22.83	0.00	-1,259.56	0.00	1,259.56	3,899.56	1,949.78	6,175.57	3,049.88	6.40	-1.19	0.420
54.00	-27.13	-22.63	0.00	-1,236.73	0.00	1,236.73	3,883.20	1,941.60	6,123.42	3,024.13	6.65	-1.21	0.416
55.00	-26.66	-22.43	0.00	-1,214.10	0.00	1,214.10	3,866.84	1,933.42	6,071.48	2,998.48	6.91	-1.23	0.412
55.00	-26.66	-22.43	0.00	-1,214.10	0.00	1,214.10	3,220.97	1,610.49	5,114.03	2,525.63	6.91	-1.23	0.489
56.00	-26.22	-22.23	0.00	-1,191.67	0.00	1,191.67	3,207.40	1,603.70	5,070.70	2,504.23	7.17	-1.25	0.484
57.00	-25.78	-22.03	0.00	-1,169.44	0.00	1,169.44	3,193.84	1,596.92	5,027.55	2,482.92	7.43	-1.27	0.479
58.00	-25.35	-21.83	0.00	-1,147.41	0.00	1,147.41	3,180.27	1,590.13	4,984.58	2,461.70	7.70	-1.30	0.474
59.00	-24.92	-21.63	0.00	-1,125.58	0.00	1,125.58	3,166.70	1,583.35	4,941.80	2,440.57	7.98	-1.32	0.469
60.00	-24.48	-21.42	0.00	-1,103.95	0.00	1,103.95	3,153.13	1,576.57	4,899.21	2,419.54	8.26	-1.34	0.464
61.00	-24.05	-21.22	0.00	-1,082.52	0.00	1,082.52	3,139.57	1,569.78	4,856.80	2,398.59	8.54	-1.36	0.459
62.00	-23.62	-21.02	0.00	-1,061.30	0.00	1,061.30	3,126.00	1,563.00	4,814.57	2,377.74	8.83	-1.38	0.454
63.00	-23.20	-20.81	0.00	-1,040.29	0.00	1,040.29	3,112.43	1,556.21	4,772.53	2,356.97	9.12	-1.41	0.449
64.00	-22.77	-20.61	0.00	-1,019.48	0.00	1,019.48	3,098.86	1,549.43	4,730.67	2,336.30	9.42	-1.43	0.444
65.00	-22.35	-20.40	0.00	-998.87	0.00	998.87	3,085.29	1,542.65	4,689.00	2,315.72	9.72	-1.45	0.439
66.00	-21.92	-20.19	0.00	-978.47	0.00	978.47	3,071.73	1,535.86	4,647.51	2,295.23	10.02	-1.47	0.434
67.00	-21.50	-19.98	0.00	-958.28	0.00	958.28	3,058.16	1,529.08	4,606.20	2,274.83	10.33	-1.49	0.428
68.00	-21.08	-19.77	0.00	-938.30	0.00	938.30	3,044.59	1,522.30	4,565.08	2,254.52	10.65	-1.51	0.423
69.00	-20.67	-19.57	0.00	-918.53	0.00	918.53	3,031.02	1,515.51	4,524.15	2,234.31	10.97	-1.53	0.418
70.00	-20.25	-19.36	0.00	-898.96	0.00	898.96	3,017.46	1,508.73	4,483.40	2,214.18	11.29	-1.55	0.413
71.00	-19.84	-19.15	0.00	-879.60	0.00	879.60	3,003.89	1,501.94	4,442.83	2,194.15	11.62	-1.58	0.408
72.00	-19.42	-18.93	0.00	-860.46	0.00	860.46	2,990.32	1,495.16	4,402.45	2,174.20	11.95	-1.60	0.402
73.00	-19.01	-18.72	0.00	-841.53	0.00	841.53	2,976.75	1,488.38	4,362.25	2,154.35	12.29	-1.62	0.397
74.00	-18.60	-18.51	0.00	-822.80	0.00	822.80	2,963.19	1,481.59	4,322.24	2,134.59	12.63	-1.64	0.392
75.00	-18.18	-18.26	0.00	-804.29	0.00	804.29	2,949.62	1,474.81	4,282.41	2,114.92	12.97	-1.66	0.387
75.00	-18.18	-18.26	0.00	-804.29	0.00	804.29	2,628.21	1,314.11	3,842.67	1,897.75	12.97	-1.66	0.431
76.00	-17.83	-18.05	0.00	-786.03	0.00	786.03	2,616.17	1,308.08	3,807.28	1,880.27	13.32	-1.68	0.425
77.00	-17.48	-17.84	0.00	-767.98	0.00	767.98	2,604.12	1,302.06	3,772.05	1,862.87	13.68	-1.70	0.419
78.00	-17.13	-17.63	0.00	-750.13	0.00	750.13	2,592.07	1,296.04	3,736.99	1,845.56	14.04	-1.72	0.413
79.00	-16.79	-17.42	0.00	-732.50	0.00	732.50	2,580.03	1,290.01	3,702.09	1,828.32	14.40	-1.75	0.407
80.00	-16.38	-17.18	0.00	-715.08	0.00	715.08	2,567.98	1,283.99	3,667.36	1,811.17	14.77	-1.77	0.401
81.00	-15.98	-16.93	0.00	-697.91	0.00	697.91	2,555.93	1,277.97	3,632.78	1,794.10	15.14	-1.79	0.395
82.00	-15.58	-16.69	0.00	-680.97	0.00	680.97	2,543.88	1,271.94	3,598.38	1,777.10	15.52	-1.82	0.389
83.00	-15.18	-16.44	0.00	-664.28	0.00	664.28	2,531.84	1,265.92	3,564.13	1,760.19	15.90	-1.84	0.384
84.00	-14.78	-16.19	0.00	-647.84	0.00	647.84	2,519.79	1,259.89	3,530.05	1,743.36	16.29	-1.86	0.378
84.11	-14.73	-16.17	0.00	-646.06	0.00	646.06	2,518.47	1,259.23	3,526.32	1,741.52	16.33	-1.86	0.377
85.00	-14.33	-15.95	0.00	-631.67	0.00	631.67	2,507.74	1,253.87	3,496.14	1,726.61	16.68	-1.88	0.236
85.00	-14.33	-15.95	0.00	-631.67	0.00	631.67	1,414.25	707.13	1,455.35	718.74	16.68	-1.88	0.229
86.00	-14.10	-15.79	0.00	-615.72	0.00	615.72	1,408.59	704.29	1,440.18	711.25	17.08	-1.90	0.296
87.00	-13.86	-15.64	0.00	-599.93	0.00	599.93	1,402.88	701.44	1,425.06	703.78	17.48	-1.93	0.289
88.00	-13.62	-15.49	0.00	-584.29	0.00	584.29	1,397.13	698.56	1,409.96	696.33	17.89	-1.97	0.282
89.00	-13.39	-15.33	0.00	-568.80	0.00	568.80	1,391.33	695.67	1,394.89	688.89	18.31	-2.01	0.276
90.00	-13.15	-15.18	0.00	-553.47	0.00	553.47	1,385.49	692.75	1,379.86	681.46	18.73	-2.04	0.269
91.00	-12.91	-15.02	0.00	-538.29	0.00	538.29	1,379.61	689.81	1,364.87	674.06	19.16	-2.08	0.262
92.00	-12.68	-14.87	0.00	-523.27	0.00	523.27	1,373.69	686.84	1,349.91	666.67	19.60	-2.11	0.256
93.00	-12.45	-14.71	0.00	-508.41	0.00	508.41	1,367.72	683.86	1,334.99	659.30	20.05	-2.14	0.249
94.00	-12.21	-14.56	0.00	-493.69	0.00	493.69	1,361.71	680.85	1,320.10	651.95	20.50	-2.18	0.243
95.00	-11.99	-14.40	0.00	-479.14	0.00	479.14	1,355.66	677.83	1,305.26	644.62	20.96	-2.21	0.236
95.50	-11.87	-14.32	0.00	-471.94	0.00	471.94	1,352.61	676.31	1,297.85	640.96	21.19	-2.23	0.233
95.50	-11.87	-14.32	0.00	-471.94	0.00	471.94	1,352.61	676.31	1,297.85	640.96	21.19	-2.23	0.746
96.00	-11.77	-14.25	0.00	-464.78	0.00	464.78	1,349.56	674.78	1,290.45	637.30	21.43	-2.24	0.738
97.00	-11.57	-14.11	0.00	-450.52	0.00	450.52	1,343.42	671.71	1,275.68	630.01	21.91	-2.34	0.724
98.00	-11.38	-13.97	0.00	-436.41	0.00	436.41	1,337.24	668.62	1,260.95	622.74	22.41	-2.44	0.710
99.00	-11.18	-13.83	0.00	-422.44	0.00	422.44	1,331.01	665.51	1,246.27	615.49	22.93	-2.54	0.695
100.00	-10.99	-13.69	0.00	-408.61	0.00	408.61	1,324.75	662.37	1,231.63	608.25	23.47	-2.64	0.680

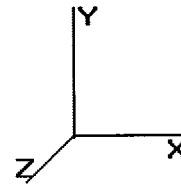
Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

29 Iterations

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

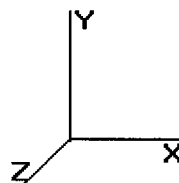
Wind Importance Factor : 1.00

101.00	-10.86	-13.58	0.00	-394.92	0.00	394.92	1,318.44	659.22	1,217.03	601.04	24.04	-2.74	0.666
102.00	-10.72	-13.47	0.00	-381.33	0.00	381.33	1,312.08	656.04	1,202.47	593.86	24.62	-2.83	0.651
103.00	-10.59	-13.37	0.00	-367.86	0.00	367.86	1,305.69	652.84	1,187.96	586.69	25.22	-2.92	0.636
104.00	-10.46	-13.26	0.00	-354.50	0.00	354.50	1,299.25	649.62	1,173.50	579.55	25.85	-3.02	0.620
105.00	-10.34	-13.15	0.00	-341.24	0.00	341.24	1,293.29	646.65	1,159.56	572.66	26.49	-3.11	0.604
106.00	-10.21	-13.04	0.00	-328.09	0.00	328.09	1,283.85	641.92	1,142.58	564.28	27.15	-3.20	0.590
107.00	-10.08	-12.93	0.00	-315.05	0.00	315.05	1,274.40	637.20	1,125.74	555.96	27.83	-3.28	0.575
108.00	-9.96	-12.82	0.00	-302.13	0.00	302.13	1,264.95	632.48	1,109.01	547.70	28.53	-3.37	0.560
109.00	-9.84	-12.71	0.00	-289.31	0.00	289.31	1,255.51	627.75	1,092.42	539.50	29.24	-3.46	0.544
110.00	-8.46	-10.41	0.00	-276.60	0.00	276.60	1,246.06	623.03	1,075.94	531.37	29.97	-3.54	0.528
110.00	-8.46	-10.41	0.00	-276.60	0.00	276.60	852.83	426.42	740.79	365.85	29.97	-3.54	0.767
111.00	-8.37	-10.33	0.00	-266.19	0.00	266.19	849.27	424.64	732.18	361.60	30.72	-3.62	0.747
112.00	-8.27	-10.25	0.00	-255.86	0.00	255.86	845.67	422.84	723.58	357.35	31.49	-3.73	0.726
113.00	-8.18	-10.17	0.00	-245.61	0.00	245.61	842.03	421.01	714.99	353.11	32.28	-3.83	0.706
114.00	-8.09	-10.09	0.00	-235.43	0.00	235.43	838.34	419.17	706.41	348.87	33.10	-3.93	0.685
115.00	-8.00	-10.01	0.00	-225.34	0.00	225.34	834.62	417.31	697.84	344.64	33.93	-4.03	0.664
116.00	-7.91	-9.93	0.00	-215.33	0.00	215.33	830.85	415.43	689.29	340.42	34.78	-4.13	0.643
117.00	-7.82	-9.85	0.00	-205.40	0.00	205.40	827.04	413.52	680.76	336.20	35.66	-4.22	0.621
118.00	-7.73	-9.77	0.00	-195.55	0.00	195.55	823.19	411.60	672.24	331.99	36.55	-4.32	0.599
119.00	-7.64	-9.69	0.00	-185.78	0.00	185.78	819.30	409.65	663.73	327.79	37.47	-4.41	0.577
120.00	-7.55	-9.60	0.00	-176.10	0.00	176.10	815.37	407.68	655.25	323.60	38.40	-4.49	0.554
121.00	-7.47	-9.52	0.00	-166.49	0.00	166.49	811.40	405.70	646.78	319.42	39.35	-4.58	0.531
122.00	-7.39	-9.44	0.00	-156.97	0.00	156.97	807.38	403.69	638.33	315.25	40.31	-4.66	0.508
123.00	-7.30	-9.35	0.00	-147.53	0.00	147.53	803.32	401.66	629.90	311.09	41.30	-4.74	0.484
124.00	-7.22	-9.26	0.00	-138.18	0.00	138.18	799.23	399.61	621.49	306.93	42.30	-4.82	0.460
125.00	-7.14	-9.17	0.00	-128.92	0.00	128.92	795.09	397.54	613.11	302.79	43.32	-4.89	0.435
126.00	-7.06	-9.07	0.00	-119.75	0.00	119.75	790.91	395.45	604.74	298.66	44.35	-4.96	0.410
127.00	-6.99	-8.98	0.00	-110.68	0.00	110.68	786.69	393.34	596.40	294.54	45.39	-5.03	0.385
128.00	-6.91	-8.89	0.00	-101.70	0.00	101.70	782.42	391.21	588.08	290.43	46.45	-5.09	0.360
129.00	-6.83	-8.79	0.00	-92.81	0.00	92.81	778.12	389.06	579.79	286.34	47.52	-5.15	0.333
130.00	-4.95	-5.67	0.00	-81.05	0.00	81.05	773.77	386.89	571.52	282.25	48.61	-5.20	0.294
131.00	-4.89	-5.60	0.00	-75.38	0.00	75.38	769.39	384.69	563.28	278.18	49.70	-5.25	0.278
132.00	-4.83	-5.54	0.00	-69.78	0.00	69.78	764.96	382.48	555.06	274.13	50.81	-5.30	0.261
133.00	-4.77	-5.47	0.00	-64.24	0.00	64.24	760.49	380.24	546.88	270.08	51.92	-5.35	0.244
134.00	-4.71	-5.41	0.00	-58.77	0.00	58.77	755.98	377.99	538.72	266.05	53.04	-5.39	0.227
135.00	-4.65	-5.34	0.00	-53.36	0.00	53.36	751.42	375.71	530.59	262.04	54.17	-5.43	0.210
136.00	-4.59	-5.28	0.00	-48.02	0.00	48.02	746.83	373.41	522.49	258.04	55.31	-5.47	0.192
137.00	-4.54	-5.21	0.00	-42.74	0.00	42.74	742.19	371.10	514.42	254.05	56.46	-5.50	0.175
138.00	-4.48	-5.15	0.00	-37.53	0.00	37.53	737.52	368.76	506.39	250.09	57.62	-5.53	0.156
139.00	-4.42	-5.08	0.00	-32.38	0.00	32.38	732.80	366.40	498.39	246.13	58.78	-5.56	0.138
140.00	-2.44	-2.59	0.00	-24.87	0.00	24.87	728.04	364.02	490.42	242.20	59.94	-5.58	0.106
141.00	-2.40	-2.53	0.00	-22.28	0.00	22.28	721.77	360.89	481.50	237.80	61.11	-5.60	0.097
142.00	-2.36	-2.47	0.00	-19.75	0.00	19.75	714.82	357.41	472.22	233.21	62.29	-5.62	0.088
143.00	-2.31	-2.40	0.00	-17.28	0.00	17.28	707.87	353.93	463.02	228.67	63.46	-5.64	0.079
144.00	-2.27	-2.34	0.00	-14.88	0.00	14.88	700.91	350.46	453.92	224.17	64.64	-5.65	0.070
145.00	-2.23	-2.28	0.00	-12.54	0.00	12.54	693.96	346.98	444.90	219.72	65.83	-5.67	0.060
146.00	-2.19	-2.22	0.00	-10.26	0.00	10.26	687.01	343.50	435.98	215.31	67.01	-5.68	0.051
147.00	-2.14	-2.16	0.00	-8.05	0.00	8.05	680.05	340.03	427.15	210.95	68.20	-5.69	0.041
148.00	-2.10	-2.09	0.00	-5.89	0.00	5.89	673.10	336.55	418.40	206.63	69.39	-5.69	0.032
149.00	-2.06	-2.03	0.00	-3.80	0.00	3.80	666.15	333.07	409.75	202.36	70.58	-5.70	0.022
150.00	0.00	-1.82	0.00	-1.76	0.00	1.76	659.19	329.60	401.19	198.13	71.78	-5.70	0.009

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

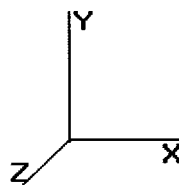
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	369.60	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	15.364	16.90	365.71	1.000	0.000	1.00	4.626	4.63	125.1	0.0	391.0
2.00		1.00	0.70	15.364	16.90	361.82	1.000	0.000	1.00	4.577	4.58	123.8	0.0	386.8
3.00		1.00	0.70	15.364	16.90	357.93	1.000	0.000	1.00	4.528	4.53	122.4	0.0	382.6
4.00		1.00	0.70	15.364	16.90	354.05	1.000	0.000	1.00	4.479	4.48	121.1	0.0	378.4
5.00		1.00	0.70	15.364	16.90	350.16	1.000	0.000	1.00	4.430	4.43	119.8	0.0	374.2
6.00		1.00	0.70	15.364	16.90	346.27	1.200	* 0.000	1.00	4.381	5.26	142.2	0.0	370.0
7.00		1.00	0.70	15.364	16.90	342.38	1.200	* 0.000	1.00	4.332	5.20	140.6	0.0	365.8
8.00		1.00	0.70	15.364	16.90	338.49	1.200	* 0.000	1.00	4.283	5.14	139.0	0.0	361.6
9.00		1.00	0.70	15.364	16.90	334.60	1.200	* 0.000	1.00	4.234	5.08	137.4	0.0	357.4
10.00		1.00	0.70	15.364	16.90	330.72	1.200	* 0.000	1.00	4.185	5.02	135.8	0.0	353.3
11.00		1.00	0.70	15.364	16.90	326.83	1.200	* 0.000	1.00	4.136	4.96	134.2	0.0	349.1
12.00		1.00	0.70	15.364	16.90	322.94	1.200	* 0.000	1.00	4.088	4.91	132.6	0.0	344.9
13.00		1.00	0.70	15.364	16.90	319.05	1.200	* 0.000	1.00	4.039	4.85	131.0	0.0	340.7
14.00		1.00	0.70	15.364	16.90	315.16	1.200	* 0.000	1.00	3.990	4.79	129.5	0.0	336.5
15.00	Top - Section 1	1.00	0.70	15.364	16.90	311.28	1.200	* 0.000	1.00	3.941	4.73	127.9	0.0	332.3
16.00		1.00	0.70	15.364	16.90	311.57	1.200	* 0.000	1.00	3.927	4.71	127.4	0.0	330.9
17.00		1.00	0.70	15.364	16.90	310.45	1.200	* 0.000	1.00	3.913	4.70	127.0	0.0	302.8
18.00		1.00	0.70	15.364	16.90	309.34	1.200	* 0.000	1.00	3.899	4.68	126.5	0.0	301.7
19.00		1.00	0.70	15.364	16.90	308.23	1.200	* 0.000	1.00	3.885	4.66	126.1	0.0	300.6
20.00		1.00	0.70	15.364	16.90	307.11	1.200	* 0.000	1.00	3.871	4.65	125.6	0.0	299.5
21.00		1.00	0.70	15.364	16.90	306.00	1.200	* 0.000	1.00	3.857	4.63	125.2	0.0	298.4
22.00		1.00	0.70	15.364	16.90	304.88	1.200	* 0.000	1.00	3.843	4.61	124.7	0.0	297.3
23.00		1.00	0.70	15.364	16.90	303.77	1.200	* 0.000	1.00	3.829	4.59	124.2	0.0	296.2
24.00		1.00	0.70	15.364	16.90	302.65	1.200	* 0.000	1.00	3.815	4.58	123.8	0.0	295.1
25.00		1.00	0.70	15.364	16.90	301.54	1.200	* 0.000	1.00	3.801	4.56	123.3	0.0	294.0
26.00		1.00	0.70	15.364	16.90	300.43	1.200	* 0.000	1.00	3.787	4.54	122.9	0.0	292.9
27.00		1.00	0.70	15.364	16.90	299.31	1.200	* 0.000	1.00	3.773	4.53	122.4	0.0	291.8
28.00		1.00	0.70	15.364	16.90	298.20	1.200	* 0.000	1.00	3.759	4.51	122.0	0.0	290.7
29.00		1.00	0.70	15.364	16.90	297.08	1.200	* 0.000	1.00	3.745	4.49	121.5	0.0	289.6
30.00		1.00	0.70	15.377	16.91	296.09	1.200	* 0.000	1.00	3.731	4.48	121.2	0.0	288.5
31.00		1.00	0.70	15.522	17.07	296.36	1.200	* 0.000	1.00	3.717	4.46	121.8	0.0	287.4
32.00		1.00	0.71	15.663	17.23	296.59	1.200	* 0.000	1.00	3.703	4.44	122.5	0.0	286.3
33.00		1.00	0.72	15.802	17.38	296.76	1.200	* 0.000	1.00	3.689	4.43	123.1	0.0	285.2
34.00		1.00	0.72	15.937	17.53	296.90	1.200	* 0.000	1.00	3.675	4.41	123.7	0.0	284.1
35.00		1.00	0.73	16.070	17.67	296.99	1.200	* 0.000	1.00	3.661	4.39	124.2	0.0	283.0
36.00		1.00	0.73	16.199	17.81	297.04	1.200	* 0.000	1.00	3.647	4.38	124.8	0.0	281.9
37.00		1.00	0.74	16.327	17.95	297.06	1.200	* 0.000	1.00	3.633	4.36	125.3	0.0	280.8
38.00		1.00	0.75	16.452	18.09	297.04	1.200	* 0.000	1.00	3.619	4.34	125.7	0.0	279.7
39.00		1.00	0.75	16.574	18.23	296.99	1.200	* 0.000	1.00	3.605	4.33	126.2	0.0	278.6
40.00		1.00	0.76	16.694	18.36	296.90	1.200	* 0.000	1.00	3.591	4.31	126.6	0.0	277.5
41.00		1.00	0.76	16.813	18.49	296.78	1.200	* 0.000	1.00	3.577	4.29	127.0	0.0	276.4
42.00		1.00	0.77	16.929	18.62	296.64	1.200	* 0.000	1.00	3.563	4.28	127.4	0.0	275.3
43.00		1.00	0.77	17.043	18.74	296.46	1.200	* 0.000	1.00	3.548	4.26	127.7	0.0	274.2
44.00		1.00	0.78	17.155	18.87	296.26	1.200	* 0.000	1.00	3.534	4.24	128.1	0.0	273.1
45.00		1.00	0.78	17.266	18.99	296.03	1.200	* 0.000	1.00	3.520	4.22	128.4	0.0	272.0
46.00		1.00	0.79	17.375	19.11	295.78	1.200	* 0.000	1.00	3.506	4.21	128.7	0.0	270.9
47.00		1.00	0.79	17.482	19.23	295.50	1.200	* 0.000	1.00	3.492	4.19	128.9	0.0	269.8
48.00		1.00	0.80	17.587	19.34	295.20	1.200	* 0.000	1.00	3.478	4.17	129.2	0.0	268.7
49.00		1.00	0.80	17.691	19.46	294.87	1.200	* 0.000	1.00	3.464	4.16	129.4	0.0	267.6
50.00		1.00	0.81	17.793	19.57	294.53	1.200	* 0.000	1.00	3.450	4.14	129.7	0.0	266.5

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

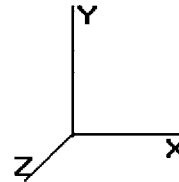
Wind Load Factor : 1.60

51.00		1.00	0.81	17.894	19.68	294.16	1.200	* 0.000	1.00	3.436	4.12	129.9	0.0	265.4
52.00		1.00	0.82	17.994	19.79	293.77	1.200	* 0.000	1.00	3.422	4.11	130.1	0.0	264.3
53.00		1.00	0.82	18.092	19.90	293.36	1.200	* 0.000	1.00	3.408	4.09	130.2	0.0	263.2
54.00		1.00	0.82	18.189	20.00	292.93	1.200	* 0.000	1.00	3.394	4.07	130.4	0.0	262.1
55.00	Top - Section 2	1.00	0.83	18.285	20.11	292.49	1.200	* 0.000	1.00	3.380	4.06	130.5	0.0	261.0
56.00		1.00	0.83	18.379	20.21	294.26	1.200	* 0.000	1.00	3.392	4.07	131.7	0.0	238.5
57.00		1.00	0.84	18.472	20.31	293.78	1.200	* 0.000	1.00	3.378	4.05	131.8	0.0	237.5
58.00		1.00	0.84	18.564	20.42	293.28	1.200	* 0.000	1.00	3.364	4.04	131.9	0.0	236.5
59.00		1.00	0.85	18.655	20.52	292.76	1.200	* 0.000	1.00	3.350	4.02	132.0	0.0	235.5
60.00		1.00	0.85	18.745	20.61	292.23	1.200	* 0.000	1.00	3.336	4.00	132.1	0.0	234.4
61.00		1.00	0.85	18.834	20.71	291.68	1.200	* 0.000	1.00	3.322	3.99	132.1	0.0	233.4
62.00		1.00	0.86	18.921	20.81	291.12	1.200	* 0.000	1.00	3.308	3.97	132.2	0.0	232.4
63.00		1.00	0.86	19.008	20.90	290.54	1.200	* 0.000	1.00	3.293	3.95	132.2	0.0	231.4
64.00		1.00	0.87	19.094	21.00	289.94	1.200	* 0.000	1.00	3.279	3.94	132.2	0.0	230.4
65.00		1.00	0.87	19.179	21.09	289.33	1.200	* 0.000	1.00	3.265	3.92	132.3	0.0	229.4
66.00		1.00	0.87	19.262	21.18	288.71	1.200	* 0.000	1.00	3.251	3.90	132.3	0.0	228.4
67.00		1.00	0.88	19.345	21.28	288.08	1.200	* 0.000	1.00	3.237	3.88	132.3	0.0	227.4
68.00		1.00	0.88	19.427	21.37	287.43	1.200	* 0.000	1.00	3.223	3.87	132.2	0.0	226.4
69.00		1.00	0.88	19.509	21.45	286.77	1.200	* 0.000	1.00	3.209	3.85	132.2	0.0	225.4
70.00		1.00	0.89	19.589	21.54	286.09	1.200	* 0.000	1.00	3.195	3.83	132.2	0.0	224.4
71.00		1.00	0.89	19.669	21.63	285.40	1.200	* 0.000	1.00	3.181	3.82	132.1	0.0	223.4
72.00		1.00	0.90	19.747	21.72	284.70	1.200	* 0.000	1.00	3.167	3.80	132.1	0.0	222.4
73.00		1.00	0.90	19.825	21.80	283.99	1.200	* 0.000	1.00	3.153	3.78	132.0	0.0	221.4
74.00		1.00	0.90	19.902	21.89	283.27	1.200	* 0.000	1.00	3.138	3.77	131.9	0.0	220.4
75.00	Top - Section 3	1.00	0.91	19.979	21.97	282.54	1.200	* 0.000	1.00	3.124	3.75	131.8	0.0	219.3
76.00		1.00	0.91	20.055	22.06	281.79	1.200	* 0.000	1.00	3.110	3.73	131.7	0.0	217.3
77.00		1.00	0.91	20.130	22.14	281.04	1.200	* 0.000	1.00	3.096	3.72	131.6	0.0	214.5
78.00		1.00	0.92	20.204	22.22	280.27	1.200	* 0.000	1.00	3.082	3.70	131.5	0.0	213.7
79.00		1.00	0.92	20.278	22.30	279.50	1.200	* 0.000	1.00	3.068	3.68	131.4	0.0	212.9
80.00		1.00	0.92	20.351	22.38	278.71	1.200	* 0.000	1.00	3.054	3.66	131.3	0.0	212.1
81.00		1.00	0.93	20.423	22.46	277.91	1.200	* 0.000	1.00	3.040	3.65	131.1	0.0	211.3
82.00		1.00	0.93	20.495	22.54	277.11	1.200	* 0.000	1.00	3.026	3.63	131.0	0.0	210.5
83.00		1.00	0.93	20.566	22.62	276.29	1.200	* 0.000	1.00	3.012	3.61	130.8	0.0	209.7
84.00		1.00	0.94	20.636	22.70	275.47	1.200	* 0.000	1.00	2.998	3.60	130.6	0.0	208.9
84.11	Reinf Bottom	1.00	0.94	20.644	22.70	275.38	1.200	* 0.000	0.11	0.329	0.39	14.3	0.0	18.5
85.00	Top - Section 4	1.00	0.94	20.706	22.77	274.63	1.200	* 0.000	0.89	2.655	3.19	116.1	0.0	194.1
86.00		1.00	0.94	20.776	22.85	199.91	1.200	* 0.000	1.00	2.170	2.60	95.2	0.0	111.5
87.00		1.00	0.95	20.844	22.92	198.97	1.200	* 0.000	1.00	2.156	2.59	94.9	0.0	111.1
88.00		1.00	0.95	20.913	23.00	198.02	1.200	* 0.000	1.00	2.142	2.57	94.6	0.0	110.7
89.00		1.00	0.95	20.980	23.07	197.06	1.200	* 0.000	1.00	2.129	2.55	94.3	0.0	110.3
90.00		1.00	0.95	21.047	23.15	196.10	1.200	* 0.000	1.00	2.115	2.54	94.0	0.0	109.9
91.00		1.00	0.96	21.114	23.22	195.13	1.200	* 0.000	1.00	2.101	2.52	93.7	0.0	109.5
92.00		1.00	0.96	21.180	23.29	194.15	1.200	* 0.000	1.00	2.087	2.50	93.4	0.0	109.1
93.00		1.00	0.96	21.245	23.37	193.17	1.200	* 0.000	1.00	2.074	2.49	93.0	0.0	108.7
94.00		1.00	0.97	21.310	23.44	192.18	1.200	* 0.000	1.00	2.060	2.47	92.7	0.0	108.3
95.00		1.00	0.97	21.375	23.51	191.18	1.200	* 0.000	1.00	2.046	2.46	92.4	0.0	108.0
95.50	Reinf. Top	1.00	0.97	21.407	23.54	190.68	1.200	* 0.000	0.50	1.018	1.22	46.0	0.0	53.8
96.00		1.00	0.97	21.439	23.58	190.18	1.200	* 0.000	0.50	1.015	1.22	45.9	0.0	28.7
97.00		1.00	0.98	21.503	23.65	189.17	1.200	* 0.000	1.00	2.019	2.42	91.7	0.0	57.1
98.00		1.00	0.98	21.566	23.72	188.15	1.200	* 0.000	1.00	2.005	2.41	91.3	0.0	56.7
99.00		1.00	0.98	21.628	23.79	187.13	1.200	* 0.000	1.00	1.991	2.39	91.0	0.0	56.3
100.0		1.00	0.98	21.690	23.86	186.10	1.200	* 0.000	1.00	1.978	2.37	90.6	0.0	55.9
101.0		1.00	0.99	21.752	23.92	185.07	1.200	* 0.000	1.00	1.964	2.36	90.2	0.0	55.5
102.0		1.00	0.99	21.814	23.99	184.03	1.200	* 0.000	1.00	1.950	2.34	89.8	0.0	55.1
103.0		1.00	0.99	21.874	24.06	182.98	1.200	* 0.000	1.00	1.936	2.32	89.5	0.0	54.7
104.0		1.00	0.99	21.935	24.12	181.93	1.200	* 0.000	1.00	1.923	2.31	89.1	0.0	54.3
105.0		1.00	1.00	21.995	24.19	180.87	1.200	* 0.000	1.00	1.909	2.29	88.7	0.0	53.9

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

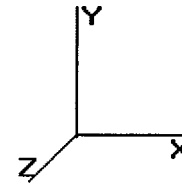
Wind Load Factor : 1.60

106.0		1.00	1.00	22.055	24.26	179.81	1.200	*	0.000	1.00	1.895	2.27	88.3	0.0	53.5
107.0		1.00	1.00	22.114	24.32	178.74	1.200	*	0.000	1.00	1.881	2.26	87.9	0.0	53.1
108.0		1.00	1.01	22.173	24.39	177.67	1.200	*	0.000	1.00	1.868	2.24	87.5	0.0	52.8
109.0		1.00	1.01	22.231	24.45	176.59	1.200	*	0.000	1.00	1.854	2.22	87.0	0.0	52.4
110.0	Top - Section 5	1.00	1.01	22.289	24.51	175.50	1.200	*	0.000	1.00	1.840	2.21	86.6	0.0	52.0
111.0		1.00	1.01	22.347	24.58	174.44	1.000	*	0.000	1.00	1.827	1.83	71.8	0.0	38.8
112.0		1.00	1.02	22.404	24.64	173.37	1.000	*	0.000	1.00	1.813	1.81	71.5	0.0	38.5
113.0		1.00	1.02	22.461	24.70	172.29	1.000	*	0.000	1.00	1.800	1.80	71.1	0.0	38.2
114.0		1.00	1.02	22.518	24.77	171.21	1.000	*	0.000	1.00	1.786	1.79	70.8	0.0	37.9
115.0		1.00	1.02	22.574	24.83	170.13	1.000	*	0.000	1.00	1.773	1.77	70.4	0.0	37.6
116.0		1.00	1.03	22.630	24.89	169.04	1.000	*	0.000	1.00	1.759	1.76	70.1	0.0	37.4
117.0		1.00	1.03	22.686	24.95	167.94	1.000	*	0.000	1.00	1.746	1.75	69.7	0.0	37.1
118.0		1.00	1.03	22.741	25.01	166.85	1.000	*	0.000	1.00	1.732	1.73	69.3	0.0	36.8
119.0		1.00	1.03	22.796	25.07	165.74	1.000	*	0.000	1.00	1.719	1.72	69.0	0.0	36.5
120.0		1.00	1.04	22.850	25.13	164.63	1.000	*	0.000	1.00	1.705	1.71	68.6	0.0	36.2
121.0		1.00	1.04	22.905	25.19	163.52	1.000	*	0.000	1.00	1.692	1.69	68.2	0.0	35.9
122.0		1.00	1.04	22.959	25.25	162.40	1.000	*	0.000	1.00	1.678	1.68	67.8	0.0	35.6
123.0		1.00	1.04	23.012	25.31	161.28	1.000	*	0.000	1.00	1.665	1.66	67.4	0.0	35.3
124.0		1.00	1.05	23.065	25.37	160.16	1.200	*	0.000	1.00	1.651	1.98	80.4	0.0	35.0
125.0		1.00	1.05	23.118	25.43	159.02	1.200	*	0.000	1.00	1.638	1.97	80.0	0.0	34.8
126.0		1.00	1.05	23.171	25.48	157.89	1.200	*	0.000	1.00	1.624	1.95	79.5	0.0	34.5
127.0		1.00	1.05	23.223	25.54	156.75	1.200	*	0.000	1.00	1.611	1.93	79.0	0.0	34.2
128.0		1.00	1.06	23.276	25.60	155.61	1.200	*	0.000	1.00	1.597	1.92	78.5	0.0	33.9
129.0		1.00	1.06	23.327	25.66	154.46	1.200	*	0.000	1.00	1.584	1.90	78.0	0.0	33.6
130.0	Appertunance(s)	1.00	1.06	23.379	25.71	153.31	1.200	*	0.000	1.00	1.570	1.88	77.5	0.0	33.3
131.0		1.00	1.06	23.430	25.77	152.15	1.000		0.000	1.00	1.557	1.56	64.2	0.0	33.0
132.0		1.00	1.07	23.481	25.82	151.00	1.000		0.000	1.00	1.543	1.54	63.8	0.0	32.7
133.0		1.00	1.07	23.532	25.88	149.83	1.000		0.000	1.00	1.530	1.53	63.4	0.0	32.4
134.0		1.00	1.07	23.582	25.94	148.67	1.000		0.000	1.00	1.517	1.52	62.9	0.0	32.2
135.0		1.00	1.07	23.632	25.99	147.49	1.000		0.000	1.00	1.503	1.50	62.5	0.0	31.9
136.0		1.00	1.07	23.682	26.05	146.32	1.000		0.000	1.00	1.490	1.49	62.1	0.0	31.6
137.0		1.00	1.08	23.732	26.10	145.14	1.000		0.000	1.00	1.476	1.48	61.7	0.0	31.3
138.0		1.00	1.08	23.781	26.15	143.96	1.000		0.000	1.00	1.463	1.46	61.2	0.0	31.0
139.0		1.00	1.08	23.830	26.21	142.77	1.000		0.000	1.00	1.449	1.45	60.8	0.0	30.7
140.0	Appertunance(s)	1.00	1.08	23.879	26.26	141.58	1.000		0.000	1.00	1.436	1.44	60.3	0.0	30.4
141.0		1.00	1.09	23.928	26.32	140.39	1.000		0.000	1.00	1.422	1.42	59.9	0.0	30.1
142.0		1.00	1.09	23.976	26.37	139.19	1.000		0.000	1.00	1.409	1.41	59.4	0.0	29.8
143.0		1.00	1.09	24.024	26.42	137.99	1.000		0.000	1.00	1.395	1.40	59.0	0.0	29.6
144.0		1.00	1.09	24.072	26.47	136.79	1.000		0.000	1.00	1.382	1.38	58.5	0.0	29.3
145.0		1.00	1.09	24.120	26.53	135.58	1.000		0.000	1.00	1.368	1.37	58.1	0.0	29.0
146.0		1.00	1.10	24.167	26.58	134.37	1.000		0.000	1.00	1.355	1.35	57.6	0.0	28.7
147.0		1.00	1.10	24.214	26.63	133.16	1.000		0.000	1.00	1.341	1.34	57.2	0.0	28.4
148.0		1.00	1.10	24.261	26.68	131.94	1.000		0.000	1.00	1.328	1.33	56.7	0.0	28.1
149.0		1.00	1.10	24.308	26.73	130.72	1.000		0.000	1.00	1.314	1.31	56.2	0.0	27.8
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000		0.000	1.00	1.301	1.30	55.8	0.0	27.5
* = Cf Adjusted By Linear Load Ra Effect															

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

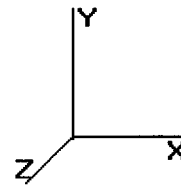
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	19.979	21.977	1.00	1.00	1.00	0.000	0.000	35.16	0.00	0.00	9.00
110.0	48" x 12" Panels	9	22.289	24.518	0.54	0.80	27.01	0.000	0.000	1,059.75	0.00	0.00	243.00
110.0	72" x 12" Panels	3	22.289	24.518	0.54	0.80	13.51	0.000	0.000	529.88	0.00	0.00	121.50
110.0	Round T-Arms	3	22.289	24.518	0.45	0.75	13.09	0.000	0.000	513.70	0.00	0.00	675.00
130.0	Antel BXA-171063-8BF	1	23.481	25.829	0.57	0.80	1.67	0.000	2.000	69.01	0.00	138.02	9.45
130.0	Antel BXA-171085-8BF	2	23.481	25.829	0.57	0.80	3.34	0.000	2.000	138.02	0.00	276.05	19.80
130.0	Antel BXA-70063/6CF	3	23.481	25.829	0.53	0.80	12.01	0.000	2.000	496.20	0.00	992.40	40.23
130.0	Antel LPA-80063/6CF	2	23.379	25.717	0.61	0.80	11.66	0.000	0.000	479.83	0.00	0.00	48.60
130.0	Antel LPA-80080/6CF	4	23.481	25.829	0.52	0.80	17.95	0.000	2.000	741.83	0.00	1,483.66	75.60
130.0	RFS FD9R6004/1C-3L	6	23.481	25.829	0.40	0.80	0.89	0.000	2.000	36.70	0.00	73.40	16.74
130.0	Round Low Profile PI	1	23.379	25.717	1.00	1.00	21.70	0.000	0.000	892.88	0.00	0.00	1,350.00
140.0	Alcatel-Lucent 1900	3	23.879	26.267	0.54	0.80	4.36	0.000	0.000	183.14	0.00	0.00	162.00
140.0	Alcatel-Lucent 800 M	3	23.879	26.267	0.54	0.80	3.86	0.000	0.000	162.19	0.00	0.00	172.80
140.0	Decibel DB980H90E-M	6	23.976	26.374	0.54	0.80	12.54	0.000	2.000	529.27	0.00	1,058.53	45.90
140.0	RFS APXVSP18-C-	3	23.879	26.267	0.66	0.80	15.98	0.000	0.000	671.42	0.00	0.00	153.90
140.0	Round Low Profile PI	1	23.976	26.374	0.90	1.00	16.20	0.000	2.000	683.61	0.00	1,367.22	1,080.00
150.0	Powerwave 7020.00	6	24.401	26.841	0.40	0.80	0.96	0.000	1.000	41.23	0.00	41.23	11.88
150.0	Powerwave 7770.00	6	24.401	26.841	0.51	0.80	16.93	0.000	1.000	726.93	0.00	726.93	189.00
150.0	Powerwave LGP21401	6	24.401	26.841	0.40	0.80	3.10	0.000	1.000	132.96	0.00	132.96	76.14
150.0	Powerwave LGP21901	6	24.401	26.841	0.40	0.80	0.55	0.000	1.000	23.71	0.00	23.71	29.70
150.0	Round Low Profile PI	1	24.401	26.841	0.90	1.00	19.53	0.000	1.000	838.72	0.00	838.72	1,350.00
										8,986.15			5,880.24

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

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

Wind Importance Factor : 1.00

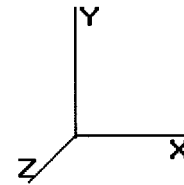
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
6.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.244	0.000	57.87	55.13
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.244	0.000	0.00	0.14
7.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.247	0.000	57.87	55.13
7.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.247	0.000	0.00	0.14
8.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.250	0.000	57.87	55.13
8.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.250	0.000	0.00	0.14
9.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.253	0.000	57.87	55.13
9.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.253	0.000	0.00	0.14
10.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.256	0.000	57.87	55.13
10.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.256	0.000	0.00	0.14
11.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.259	0.000	57.87	55.13
11.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.259	0.000	0.00	0.14
12.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.262	0.000	57.87	55.13
12.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.262	0.000	0.00	0.14
13.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.265	0.000	57.87	55.13
13.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.265	0.000	0.00	0.14
14.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.268	0.000	57.87	55.13
14.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.268	0.000	0.00	0.14
15.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.272	0.000	57.87	55.13
15.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.272	0.000	0.00	0.14
16.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.272	0.000	57.87	55.13
16.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.272	0.000	0.00	0.14
17.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.273	0.000	57.87	55.13
17.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.273	0.000	0.00	0.14
18.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.274	0.000	57.87	55.13
18.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.274	0.000	0.00	0.14
19.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.275	0.000	57.87	55.13
19.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.275	0.000	0.00	0.14
20.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.276	0.000	57.87	55.13
20.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.276	0.000	0.00	0.14
21.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.277	0.000	57.87	55.13
21.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.277	0.000	0.00	0.14
22.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.278	0.000	57.87	55.13
22.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.278	0.000	0.00	0.14
23.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.279	0.000	57.87	55.13
23.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.279	0.000	0.00	0.14
24.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.280	0.000	57.87	55.13
24.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.280	0.000	0.00	0.14
25.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.282	0.000	57.87	55.13
25.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.282	0.000	0.00	0.14
26.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.283	0.000	57.87	55.13
26.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.283	0.000	0.00	0.14
27.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.284	0.000	57.87	55.13
27.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.284	0.000	0.00	0.14
28.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.285	0.000	57.87	55.13
28.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.285	0.000	0.00	0.14
29.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.364	0.286	0.000	57.87	55.13
29.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.364	0.286	0.000	0.00	0.14
30.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.377	0.287	0.000	57.92	55.13
30.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.377	0.287	0.000	0.00	0.14
31.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.522	0.288	0.000	58.46	55.13

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

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

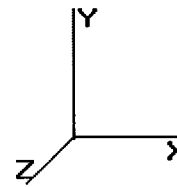
Wind Importance Factor : 1.00

31.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.522	0.288	0.000	0.00	0.14
32.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.663	0.289	0.000	58.99	55.13
32.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.663	0.289	0.000	0.00	0.14
33.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.802	0.290	0.000	59.52	55.13
33.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.802	0.290	0.000	0.00	0.14
34.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	15.937	0.291	0.000	60.03	55.13
34.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	15.937	0.291	0.000	0.00	0.14
35.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.070	0.292	0.000	60.52	55.13
35.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.070	0.292	0.000	0.00	0.14
36.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.199	0.293	0.000	61.01	55.13
36.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.199	0.293	0.000	0.00	0.14
37.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.327	0.295	0.000	61.49	55.13
37.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.327	0.295	0.000	0.00	0.14
38.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.452	0.296	0.000	61.96	55.13
38.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.452	0.296	0.000	0.00	0.14
39.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.574	0.297	0.000	62.42	55.13
39.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.574	0.297	0.000	0.00	0.14
40.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.694	0.298	0.000	62.88	55.13
40.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.694	0.298	0.000	0.00	0.14
41.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.813	0.299	0.000	63.32	55.13
41.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.813	0.299	0.000	0.00	0.14
42.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	16.929	0.300	0.000	63.76	55.13
42.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	16.929	0.300	0.000	0.00	0.14
43.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.043	0.302	0.000	64.19	55.13
43.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.043	0.302	0.000	0.00	0.14
44.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.155	0.303	0.000	64.61	55.13
44.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.155	0.303	0.000	0.00	0.14
45.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.266	0.304	0.000	65.03	55.13
45.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.266	0.304	0.000	0.00	0.14
46.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.375	0.305	0.000	65.44	55.13
46.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.375	0.305	0.000	0.00	0.14
47.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.482	0.306	0.000	65.84	55.13
47.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.482	0.306	0.000	0.00	0.14
48.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.587	0.308	0.000	66.24	55.13
48.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.587	0.308	0.000	0.00	0.14
49.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.691	0.309	0.000	66.63	55.13
49.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.691	0.309	0.000	0.00	0.14
50.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.793	0.310	0.000	67.02	55.13
50.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.793	0.310	0.000	0.00	0.14
51.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.894	0.311	0.000	67.40	55.13
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.894	0.311	0.000	0.00	0.14
52.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	17.994	0.313	0.000	67.77	55.13
52.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	17.994	0.313	0.000	0.00	0.14
53.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.092	0.314	0.000	68.14	55.13
53.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.092	0.314	0.000	0.00	0.14
54.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.189	0.315	0.000	68.51	55.13
54.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.189	0.315	0.000	0.00	0.14
55.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.285	0.317	0.000	68.87	55.13
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.285	0.317	0.000	0.00	0.14
56.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.379	0.315	0.000	69.22	55.13
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.379	0.315	0.000	0.00	0.14
57.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.472	0.317	0.000	69.57	55.13
57.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.472	0.317	0.000	0.00	0.14
58.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.564	0.318	0.000	69.92	55.13
58.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.564	0.318	0.000	0.00	0.14
59.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.655	0.319	0.000	70.26	55.13
59.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.655	0.319	0.000	0.00	0.14

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

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

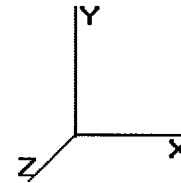
Wind Importance Factor : 1.00

60.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.745	0.321	0.000	70.60	55.13
60.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.745	0.321	0.000	0.00	0.14
61.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.834	0.322	0.000	70.94	55.13
61.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.834	0.322	0.000	0.00	0.14
62.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	18.921	0.324	0.000	71.27	55.13
62.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	18.921	0.324	0.000	0.00	0.14
63.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.008	0.325	0.000	71.59	55.13
63.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.008	0.325	0.000	0.00	0.14
64.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.094	0.326	0.000	71.91	55.13
64.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.094	0.326	0.000	0.00	0.14
65.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.179	0.328	0.000	72.23	55.13
65.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.179	0.328	0.000	0.00	0.14
66.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.262	0.329	0.000	72.55	55.13
66.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.262	0.329	0.000	0.00	0.14
67.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.345	0.331	0.000	72.86	55.13
67.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.345	0.331	0.000	0.00	0.14
68.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.427	0.332	0.000	73.17	55.13
68.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.427	0.332	0.000	0.00	0.14
69.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.509	0.333	0.000	73.48	55.13
69.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.509	0.333	0.000	0.00	0.14
70.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.589	0.335	0.000	73.78	55.13
70.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.589	0.335	0.000	0.00	0.14
71.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.669	0.336	0.000	74.08	55.13
71.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.669	0.336	0.000	0.00	0.14
72.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.747	0.338	0.000	74.38	55.13
72.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.747	0.338	0.000	0.00	0.14
73.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.825	0.339	0.000	74.67	55.13
73.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.825	0.339	0.000	0.00	0.14
74.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.902	0.341	0.000	74.96	55.13
74.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.902	0.341	0.000	0.00	0.14
75.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	19.979	0.342	0.000	75.25	55.13
75.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	19.979	0.342	0.000	0.00	0.14
76.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.055	0.344	0.000	75.53	55.13
77.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.130	0.346	0.000	75.82	55.13
78.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.204	0.347	0.000	76.10	55.13
79.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.278	0.349	0.000	76.37	55.13
80.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.351	0.487	0.000	29.85	45.09
80.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.351	0.487	0.000	76.65	55.13
81.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.423	0.489	0.000	29.95	45.09
81.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.423	0.489	0.000	76.92	55.13
82.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.495	0.491	0.000	30.06	45.09
82.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.495	0.491	0.000	77.19	55.13
83.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.566	0.494	0.000	30.16	45.09
83.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.566	0.494	0.000	77.46	55.13
84.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.636	0.496	0.000	30.27	45.09
84.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	20.636	0.496	0.000	77.73	55.13
84.11	(3) #20 Dywidag Bars	Yes	0.11	2.000	5.00	0.05	0.09	20.644	0.497	0.000	3.33	4.96
84.11	(2) Seam Flange	Yes	0.11	2.000	12.84	0.12	0.24	20.644	0.497	0.000	8.55	6.06
85.00	(3) #20 Dywidag Bars	Yes	0.89	2.000	5.00	0.37	0.74	20.706	0.498	0.000	27.03	40.13
85.00	(2) Seam Flange	Yes	0.89	2.000	12.84	0.95	1.90	20.706	0.498	0.000	69.42	49.07
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.776	0.498	0.000	14.55	8.85
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.776	0.498	0.000	14.55	8.85
86.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.776	0.498	0.000	30.47	45.09
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.844	0.501	0.000	14.60	8.85
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.844	0.501	0.000	14.60	8.85
87.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.844	0.501	0.000	30.57	45.09
88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.913	0.504	0.000	14.65	8.85

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

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

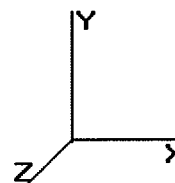
Wind Importance Factor : 1.00

88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.913	0.504	0.000	14.65	8.85
88.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.913	0.504	0.000	30.67	45.09
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.980	0.507	0.000	14.70	8.85
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	20.980	0.507	0.000	14.70	8.85
89.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	20.980	0.507	0.000	30.77	45.09
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.047	0.511	0.000	14.74	8.85
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.047	0.511	0.000	14.74	8.85
90.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.047	0.511	0.000	30.87	45.09
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.114	0.514	0.000	14.79	8.85
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.114	0.514	0.000	14.79	8.85
91.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.114	0.514	0.000	30.97	45.09
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.180	0.517	0.000	14.84	8.85
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.180	0.517	0.000	14.84	8.85
92.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.180	0.517	0.000	31.06	45.09
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.245	0.521	0.000	14.88	8.85
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.245	0.521	0.000	14.88	8.85
93.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.245	0.521	0.000	31.16	45.09
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.310	0.524	0.000	14.93	8.85
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.310	0.524	0.000	14.93	8.85
94.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.310	0.524	0.000	31.26	45.09
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.375	0.528	0.000	14.97	8.85
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.375	0.528	0.000	14.97	8.85
95.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.375	0.528	0.000	31.35	45.09
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	21.407	0.530	0.000	7.50	4.43
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	21.407	0.530	0.000	7.50	4.43
95.50	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.21	0.42	21.407	0.530	0.000	15.70	22.54
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	21.439	0.532	0.000	7.51	4.43
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	21.439	0.532	0.000	7.51	4.43
96.00	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.21	0.42	21.439	0.532	0.000	15.72	22.54
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.503	0.535	0.000	15.06	8.85
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.503	0.535	0.000	15.06	8.85
97.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.503	0.535	0.000	31.54	45.09
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.566	0.539	0.000	15.11	8.85
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.566	0.539	0.000	15.11	8.85
98.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.566	0.539	0.000	31.63	45.09
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.628	0.542	0.000	15.15	8.85
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.628	0.542	0.000	15.15	8.85
99.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.628	0.542	0.000	31.72	45.09
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.690	0.546	0.000	15.19	8.85
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.690	0.546	0.000	15.19	8.85
100.0	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	21.690	0.546	0.000	31.81	45.09
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.752	0.338	0.000	15.24	8.85
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.752	0.338	0.000	15.24	8.85
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.814	0.340	0.000	15.28	8.85
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.814	0.340	0.000	15.28	8.85
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.874	0.343	0.000	15.32	8.85
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.874	0.343	0.000	15.32	8.85
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.935	0.345	0.000	15.36	8.85
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.935	0.345	0.000	15.36	8.85
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.995	0.348	0.000	15.41	8.85
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	21.995	0.348	0.000	15.41	8.85
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.055	0.350	0.000	15.45	8.85
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.055	0.350	0.000	15.45	8.85
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.114	0.353	0.000	15.49	8.85
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.114	0.353	0.000	15.49	8.85
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.173	0.355	0.000	15.53	8.85
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.173	0.355	0.000	15.53	8.85

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

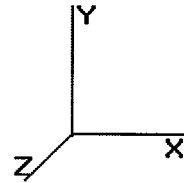
Wind Load Factor : 1.60

109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.231	0.358	0.000	15.57	8.85
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.231	0.358	0.000	15.57	8.85
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.289	0.360	0.000	15.61	8.85
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	22.289	0.360	0.000	15.61	8.85
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.347	0.182	1.245	0.00	8.85
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.404	0.183	1.249	0.00	8.85
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.461	0.184	1.253	0.00	8.85
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.518	0.186	1.257	0.00	8.85
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.574	0.187	1.261	0.00	8.85
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.630	0.189	1.266	0.00	8.85
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.686	0.190	1.270	0.00	8.85
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.741	0.191	1.274	0.00	8.85
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.796	0.193	1.279	0.00	8.85
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.850	0.194	1.283	0.00	8.85
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.905	0.196	1.288	0.00	8.85
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	22.959	0.198	1.293	0.00	8.85
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	23.012	0.199	1.298	0.00	8.85
124.0	(12) 1 5/8" Coax	Yes	1.00	1.189	3.98	0.33	0.39	23.065	0.201	0.000	16.01	8.85
125.0	(12) 1 5/8" Coax	Yes	1.00	1.187	3.98	0.33	0.39	23.118	0.203	0.000	16.03	8.85
126.0	(12) 1 5/8" Coax	Yes	1.00	1.186	3.98	0.33	0.39	23.171	0.204	0.000	16.04	8.85
127.0	(12) 1 5/8" Coax	Yes	1.00	1.185	3.98	0.33	0.39	23.223	0.206	0.000	16.06	8.85
128.0	(12) 1 5/8" Coax	Yes	1.00	1.183	3.98	0.33	0.39	23.276	0.208	0.000	16.08	8.85
129.0	(12) 1 5/8" Coax	Yes	1.00	1.182	3.98	0.33	0.39	23.327	0.209	0.000	16.10	8.85
130.0	(12) 1 5/8" Coax	Yes	1.00	1.181	3.98	0.33	0.39	23.379	0.211	0.000	16.12	8.85
Totals:											6,776.46	5,986.90

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

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

Wind Importance Factor : 1.00

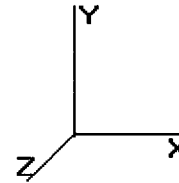
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	125.08	391.00	0.00	0.00
2.00	123.76	386.80	0.00	0.00
3.00	122.44	382.61	0.00	0.00
4.00	121.11	378.41	0.00	0.00
5.00	119.79	374.22	0.00	0.00
6.00	200.03	456.94	0.00	0.00
7.00	198.44	452.74	0.00	0.00
8.00	196.85	448.55	0.00	0.00
9.00	195.27	444.36	0.00	0.00
10.00	193.68	440.16	0.00	0.00
11.00	192.09	435.97	0.00	0.00
12.00	190.50	431.78	0.00	0.00
13.00	188.92	427.58	0.00	0.00
14.00	187.33	423.39	0.00	0.00
15.00	185.74	419.20	0.00	0.00
16.00	185.30	390.85	0.00	0.00
17.00	184.84	389.74	0.00	0.00
18.00	184.39	388.64	0.00	0.00
19.00	183.93	387.54	0.00	0.00
20.00	183.48	386.44	0.00	0.00
21.00	183.02	385.34	0.00	0.00
22.00	182.57	384.24	0.00	0.00
23.00	182.11	383.13	0.00	0.00
24.00	181.66	382.03	0.00	0.00
25.00	181.20	380.93	0.00	0.00
26.00	180.75	379.83	0.00	0.00
27.00	180.29	378.73	0.00	0.00
28.00	179.84	377.63	0.00	0.00
29.00	179.38	376.52	0.00	0.00
30.00	179.08	375.42	0.00	0.00
31.00	180.30	374.32	0.00	0.00
32.00	181.48	373.22	0.00	0.00
33.00	182.62	372.12	0.00	0.00
34.00	183.71	371.02	0.00	0.00
35.00	184.76	369.91	0.00	0.00
36.00	185.78	368.81	0.00	0.00
37.00	186.75	367.71	0.00	0.00
38.00	187.69	366.61	0.00	0.00
39.00	188.60	365.51	0.00	0.00
40.00	189.48	364.41	0.00	0.00
41.00	190.32	363.30	0.00	0.00
42.00	191.13	362.20	0.00	0.00
43.00	191.92	361.10	0.00	0.00
44.00	192.68	360.00	0.00	0.00
45.00	193.41	358.90	0.00	0.00
46.00	194.11	357.80	0.00	0.00
47.00	194.79	356.69	0.00	0.00
48.00	195.44	355.59	0.00	0.00
49.00	196.07	354.49	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

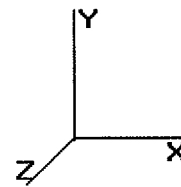
Wind Load Factor : 1.60

50.00	196.68	353.39	0.00	0.00
51.00	197.27	352.29	0.00	0.00
52.00	197.83	351.19	0.00	0.00
53.00	198.38	350.08	0.00	0.00
54.00	198.90	348.98	0.00	0.00
55.00	199.40	347.88	0.00	0.00
56.00	200.89	325.39	0.00	0.00
57.00	201.36	324.38	0.00	0.00
58.00	201.81	323.37	0.00	0.00
59.00	202.24	322.37	0.00	0.00
60.00	202.66	321.36	0.00	0.00
61.00	203.06	320.35	0.00	0.00
62.00	203.44	319.35	0.00	0.00
63.00	203.81	318.34	0.00	0.00
64.00	204.16	317.33	0.00	0.00
65.00	204.49	316.33	0.00	0.00
66.00	204.81	315.32	0.00	0.00
67.00	205.12	314.31	0.00	0.00
68.00	205.41	313.31	0.00	0.00
69.00	205.69	312.30	0.00	0.00
70.00	205.96	311.29	0.00	0.00
71.00	206.21	310.29	0.00	0.00
72.00	206.44	309.28	0.00	0.00
73.00	206.67	308.27	0.00	0.00
74.00	206.88	307.27	0.00	0.00
75.00	242.25	315.26	0.00	0.00
76.00	207.27	262.06	0.00	0.00
77.00	207.45	261.26	0.00	0.00
78.00	207.61	260.45	0.00	0.00
79.00	207.77	259.65	0.00	0.00
80.00	237.76	303.93	0.00	0.00
81.00	237.99	303.13	0.00	0.00
82.00	238.22	302.32	0.00	0.00
83.00	238.43	301.52	0.00	0.00
84.00	238.64	300.71	0.00	0.00
84.11	26.20	33.00	0.00	0.00
85.00	212.55	311.50	0.00	0.00
86.00	154.78	188.22	0.00	0.00
87.00	154.69	187.82	0.00	0.00
88.00	154.59	187.43	0.00	0.00
89.00	154.48	187.04	0.00	0.00
90.00	154.36	186.65	0.00	0.00
91.00	154.24	186.25	0.00	0.00
92.00	154.11	185.86	0.00	0.00
93.00	153.97	185.47	0.00	0.00
94.00	153.82	185.08	0.00	0.00
95.00	153.67	184.68	0.00	0.00
95.50	76.72	92.20	0.00	0.00
96.00	76.68	67.05	0.00	0.00
97.00	153.34	133.80	0.00	0.00
98.00	153.16	133.41	0.00	0.00
99.00	152.98	133.01	0.00	0.00
100.0	152.79	132.62	0.00	0.00
101.0	120.69	87.14	0.00	0.00
102.0	120.40	86.75	0.00	0.00
103.0	120.10	86.36	0.00	0.00
104.0	119.80	85.96	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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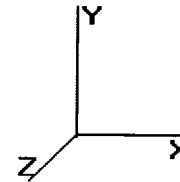
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

105.0	119.49	85.57	0.00	0.00
106.0	119.17	85.18	0.00	0.00
107.0	118.85	84.79	0.00	0.00
108.0	118.52	84.39	0.00	0.00
109.0	118.19	84.00	0.00	0.00
110.0	2,221.18	1,123.11	0.00	0.00
111.0	71.84	61.59	0.00	0.00
112.0	71.49	61.30	0.00	0.00
113.0	71.14	61.01	0.00	0.00
114.0	70.79	60.72	0.00	0.00
115.0	70.43	60.43	0.00	0.00
116.0	70.07	60.14	0.00	0.00
117.0	69.70	59.85	0.00	0.00
118.0	69.33	59.56	0.00	0.00
119.0	68.96	59.27	0.00	0.00
120.0	68.58	58.98	0.00	0.00
121.0	68.20	58.70	0.00	0.00
122.0	67.81	58.41	0.00	0.00
123.0	67.43	58.12	0.00	0.00
124.0	96.45	57.83	0.00	0.00
125.0	95.99	57.54	0.00	0.00
126.0	95.54	57.25	0.00	0.00
127.0	95.07	56.96	0.00	0.00
128.0	94.60	56.67	0.00	0.00
129.0	94.13	56.38	0.00	0.00
130.0	2,948.14	1,616.52	0.00	2,963.53
131.0	64.20	46.95	0.00	0.00
132.0	63.79	46.66	0.00	0.00
133.0	63.37	46.37	0.00	0.00
134.0	62.94	46.09	0.00	0.00
135.0	62.52	45.80	0.00	0.00
136.0	62.09	45.51	0.00	0.00
137.0	61.65	45.22	0.00	0.00
138.0	61.22	44.93	0.00	0.00
139.0	60.78	44.64	0.00	0.00
140.0	2,289.97	1,658.95	0.00	2,425.75
141.0	59.89	36.94	0.00	0.00
142.0	59.44	36.65	0.00	0.00
143.0	58.99	36.36	0.00	0.00
144.0	58.54	36.07	0.00	0.00
145.0	58.08	35.78	0.00	0.00
146.0	57.62	35.49	0.00	0.00
147.0	57.16	35.20	0.00	0.00
148.0	56.70	34.91	0.00	0.00
149.0	56.23	34.62	0.00	0.00
150.0	1,819.30	1,691.06	0.00	1,763.54
Totals:	31,660.55	41,564.47	0.00	7,152.83

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Calculated Forces

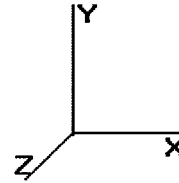
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-41.56	-31.66	0.00	-2,680.35	0.00	2,680.35	5,589.22	2,794.61	12,188.1	6,019.28	0.00	0.00	0.453
1.00	-41.16	-31.55	0.00	-2,648.68	0.00	2,648.68	5,529.59	2,764.80	11,927.7	5,890.65	0.00	-0.02	0.457
2.00	-40.76	-31.44	0.00	-2,617.13	0.00	2,617.13	5,469.96	2,734.98	11,670.0	5,763.42	0.01	-0.03	0.462
3.00	-40.37	-31.33	0.00	-2,585.69	0.00	2,585.69	5,410.34	2,705.17	11,415.2	5,637.57	0.02	-0.05	0.466
4.00	-39.98	-31.22	0.00	-2,554.37	0.00	2,554.37	5,350.71	2,675.36	11,163.2	5,513.11	0.03	-0.07	0.471
5.00	-39.60	-31.11	0.00	-2,523.15	0.00	2,523.15	5,291.09	2,645.54	10,914.0	5,390.04	0.05	-0.09	0.476
6.00	-39.13	-30.92	0.00	-2,492.04	0.00	2,492.04	5,231.46	2,615.73	10,667.6	5,268.37	0.07	-0.10	0.481
7.00	-38.67	-30.74	0.00	-2,461.11	0.00	2,461.11	5,171.84	2,585.92	10,424.1	5,148.08	0.09	-0.12	0.486
8.00	-38.21	-30.55	0.00	-2,430.38	0.00	2,430.38	5,112.21	2,556.11	10,183.3	5,029.18	0.12	-0.14	0.491
9.00	-37.76	-30.37	0.00	-2,399.83	0.00	2,399.83	5,052.58	2,526.29	9,945.41	4,911.66	0.15	-0.16	0.496
10.00	-37.31	-30.19	0.00	-2,369.46	0.00	2,369.46	4,992.96	2,496.48	9,710.28	4,795.54	0.18	-0.18	0.502
11.00	-36.86	-30.01	0.00	-2,339.27	0.00	2,339.27	4,933.33	2,466.67	9,477.97	4,680.81	0.22	-0.20	0.507
12.00	-36.42	-29.83	0.00	-2,309.27	0.00	2,309.27	4,873.71	2,436.85	9,248.46	4,567.47	0.27	-0.22	0.513
13.00	-35.98	-29.65	0.00	-2,279.44	0.00	2,279.44	4,814.08	2,407.04	9,021.78	4,455.52	0.32	-0.24	0.519
14.00	-35.55	-29.47	0.00	-2,249.79	0.00	2,249.79	4,754.46	2,377.23	8,797.90	4,344.95	0.37	-0.26	0.525
15.00	-35.12	-29.30	0.00	-2,220.32	0.00	2,220.32	4,694.83	2,347.42	8,576.84	4,235.78	0.43	-0.29	0.532
15.00	-35.12	-29.30	0.00	-2,220.32	0.00	2,220.32	4,521.17	2,260.59	8,321.30	4,109.58	0.43	-0.29	0.548
16.00	-34.72	-29.13	0.00	-2,191.02	0.00	2,191.02	4,504.82	2,252.41	8,260.75	4,079.67	0.49	-0.31	0.545
17.00	-34.32	-28.96	0.00	-2,161.89	0.00	2,161.89	4,488.46	2,244.23	8,200.41	4,049.87	0.56	-0.33	0.542
18.00	-33.92	-28.78	0.00	-2,132.93	0.00	2,132.93	4,472.10	2,236.05	8,140.29	4,020.18	0.63	-0.36	0.538
19.00	-33.52	-28.61	0.00	-2,104.15	0.00	2,104.15	4,455.74	2,227.87	8,080.40	3,990.60	0.71	-0.38	0.535
20.00	-33.12	-28.44	0.00	-2,075.54	0.00	2,075.54	4,439.38	2,219.69	8,020.72	3,961.13	0.79	-0.41	0.532
21.00	-32.72	-28.27	0.00	-2,047.10	0.00	2,047.10	4,423.02	2,211.51	7,961.27	3,931.77	0.88	-0.43	0.528
22.00	-32.33	-28.09	0.00	-2,018.84	0.00	2,018.84	4,406.67	2,203.33	7,902.04	3,902.52	0.97	-0.46	0.525
23.00	-31.94	-27.92	0.00	-1,990.74	0.00	1,990.74	4,390.31	2,195.15	7,843.03	3,873.38	1.07	-0.48	0.521
24.00	-31.54	-27.75	0.00	-1,962.82	0.00	1,962.82	4,373.95	2,186.97	7,784.24	3,844.34	1.18	-0.50	0.518
25.00	-31.15	-27.58	0.00	-1,935.07	0.00	1,935.07	4,357.59	2,178.80	7,725.67	3,815.42	1.28	-0.53	0.514
26.00	-30.76	-27.41	0.00	-1,907.49	0.00	1,907.49	4,341.23	2,170.62	7,667.32	3,786.60	1.40	-0.55	0.511
27.00	-30.38	-27.24	0.00	-1,880.08	0.00	1,880.08	4,324.87	2,162.44	7,609.20	3,757.90	1.51	-0.58	0.507
28.00	-29.99	-27.07	0.00	-1,852.85	0.00	1,852.85	4,308.52	2,154.26	7,551.29	3,729.30	1.64	-0.60	0.504
29.00	-29.60	-26.89	0.00	-1,825.78	0.00	1,825.78	4,292.16	2,146.08	7,493.61	3,700.81	1.77	-0.62	0.500
30.00	-29.22	-26.72	0.00	-1,798.89	0.00	1,798.89	4,275.80	2,137.90	7,436.15	3,672.43	1.90	-0.65	0.497
31.00	-28.84	-26.55	0.00	-1,772.17	0.00	1,772.17	4,259.44	2,129.72	7,378.91	3,644.16	2.04	-0.67	0.493
32.00	-28.45	-26.38	0.00	-1,745.62	0.00	1,745.62	4,243.08	2,121.54	7,321.89	3,616.00	2.18	-0.69	0.490
33.00	-28.07	-26.20	0.00	-1,719.24	0.00	1,719.24	4,226.72	2,113.36	7,265.09	3,587.95	2.33	-0.72	0.486
34.00	-27.69	-26.02	0.00	-1,693.04	0.00	1,693.04	4,210.37	2,105.18	7,208.51	3,560.01	2.48	-0.74	0.482
35.00	-27.32	-25.84	0.00	-1,667.02	0.00	1,667.02	4,194.01	2,097.00	7,152.15	3,532.18	2.64	-0.76	0.479
36.00	-26.94	-25.66	0.00	-1,641.18	0.00	1,641.18	4,177.65	2,088.82	7,096.02	3,504.46	2.80	-0.79	0.475
37.00	-26.56	-25.48	0.00	-1,615.51	0.00	1,615.51	4,161.29	2,080.65	7,040.10	3,476.84	2.97	-0.81	0.471
38.00	-26.19	-25.30	0.00	-1,590.03	0.00	1,590.03	4,144.93	2,072.47	6,984.41	3,449.34	3.14	-0.83	0.467
39.00	-25.82	-25.12	0.00	-1,564.73	0.00	1,564.73	4,128.57	2,064.29	6,928.94	3,421.94	3.32	-0.85	0.464
40.00	-25.45	-24.93	0.00	-1,539.61	0.00	1,539.61	4,112.22	2,056.11	6,873.69	3,394.66	3.50	-0.88	0.460
41.00	-25.08	-24.75	0.00	-1,514.68	0.00	1,514.68	4,095.86	2,047.93	6,818.66	3,367.48	3.68	-0.90	0.456
42.00	-24.71	-24.56	0.00	-1,489.94	0.00	1,489.94	4,079.50	2,039.75	6,763.85	3,340.41	3.87	-0.92	0.452
43.00	-24.34	-24.37	0.00	-1,465.38	0.00	1,465.38	4,063.14	2,031.57	6,709.27	3,313.46	4.07	-0.94	0.448
44.00	-23.97	-24.18	0.00	-1,441.01	0.00	1,441.01	4,046.78	2,023.39	6,654.90	3,286.61	4.27	-0.97	0.445
45.00	-23.61	-23.99	0.00	-1,416.83	0.00	1,416.83	4,030.42	2,015.21	6,600.76	3,259.87	4.48	-0.99	0.441
46.00	-23.25	-23.80	0.00	-1,392.84	0.00	1,392.84	4,014.07	2,007.03	6,546.84	3,233.24	4.68	-1.01	0.437
47.00	-22.88	-23.61	0.00	-1,369.04	0.00	1,369.04	3,997.71	1,998.85	6,493.13	3,206.71	4.90	-1.03	0.433
48.00	-22.52	-23.41	0.00	-1,345.44	0.00	1,345.44	3,981.35	1,990.67	6,439.65	3,180.30	5.12	-1.05	0.429
49.00	-22.16	-23.22	0.00	-1,322.02	0.00	1,322.02	3,964.99	1,982.50	6,386.39	3,154.00	5.34	-1.08	0.425

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

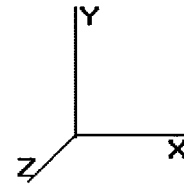
50.00	-21.81	-23.02	0.00	-1,298.80	0.00	1,298.80	3,948.63	1,974.32	6,333.36	3,127.81	5.57	-1.10	0.421
51.00	-21.45	-22.83	0.00	-1,275.78	0.00	1,275.78	3,932.27	1,966.14	6,280.54	3,101.72	5.80	-1.12	0.417
52.00	-21.09	-22.63	0.00	-1,252.95	0.00	1,252.95	3,915.92	1,957.96	6,227.94	3,075.75	6.04	-1.14	0.413
53.00	-20.74	-22.43	0.00	-1,230.32	0.00	1,230.32	3,899.56	1,949.78	6,175.57	3,049.88	6.28	-1.16	0.409
54.00	-20.39	-22.23	0.00	-1,207.89	0.00	1,207.89	3,883.20	1,941.60	6,123.42	3,024.13	6.52	-1.18	0.405
55.00	-20.03	-22.04	0.00	-1,185.66	0.00	1,185.66	3,866.84	1,933.42	6,071.48	2,998.48	6.77	-1.20	0.401
55.00	-20.03	-22.04	0.00	-1,185.66	0.00	1,185.66	3,220.97	1,610.49	5,114.03	2,525.63	6.77	-1.20	0.476
56.00	-19.70	-21.83	0.00	-1,163.62	0.00	1,163.62	3,207.40	1,603.70	5,070.70	2,504.23	7.03	-1.22	0.471
57.00	-19.38	-21.63	0.00	-1,141.79	0.00	1,141.79	3,193.84	1,596.92	5,027.55	2,482.92	7.29	-1.25	0.466
58.00	-19.05	-21.43	0.00	-1,120.15	0.00	1,120.15	3,180.27	1,590.13	4,984.58	2,461.70	7.55	-1.27	0.461
59.00	-18.72	-21.23	0.00	-1,098.72	0.00	1,098.72	3,166.70	1,583.35	4,941.80	2,440.57	7.82	-1.29	0.456
60.00	-18.40	-21.03	0.00	-1,077.49	0.00	1,077.49	3,153.13	1,576.57	4,899.21	2,419.54	8.09	-1.31	0.451
61.00	-18.07	-20.82	0.00	-1,056.46	0.00	1,056.46	3,139.57	1,569.78	4,856.80	2,398.59	8.37	-1.33	0.446
62.00	-17.75	-20.62	0.00	-1,035.64	0.00	1,035.64	3,126.00	1,563.00	4,814.57	2,377.74	8.65	-1.36	0.441
63.00	-17.43	-20.41	0.00	-1,015.02	0.00	1,015.02	3,112.43	1,556.21	4,772.53	2,356.97	8.94	-1.38	0.436
64.00	-17.11	-20.21	0.00	-994.61	0.00	994.61	3,098.86	1,549.43	4,730.67	2,336.30	9.23	-1.40	0.431
65.00	-16.79	-20.00	0.00	-974.40	0.00	974.40	3,085.29	1,542.65	4,689.00	2,315.72	9.52	-1.42	0.426
66.00	-16.48	-19.80	0.00	-954.39	0.00	954.39	3,071.73	1,535.86	4,647.51	2,295.23	9.82	-1.44	0.421
67.00	-16.16	-19.59	0.00	-934.60	0.00	934.60	3,058.16	1,529.08	4,606.20	2,274.83	10.13	-1.46	0.416
68.00	-15.85	-19.38	0.00	-915.01	0.00	915.01	3,044.59	1,522.30	4,565.08	2,254.52	10.44	-1.48	0.411
69.00	-15.53	-19.17	0.00	-895.63	0.00	895.63	3,031.02	1,515.51	4,524.15	2,234.31	10.75	-1.50	0.406
70.00	-15.22	-18.96	0.00	-876.45	0.00	876.45	3,017.46	1,508.73	4,483.40	2,214.18	11.07	-1.52	0.401
71.00	-14.91	-18.76	0.00	-857.49	0.00	857.49	3,003.89	1,501.94	4,442.83	2,194.15	11.39	-1.54	0.396
72.00	-14.60	-18.55	0.00	-838.73	0.00	838.73	2,990.32	1,495.16	4,402.45	2,174.20	11.71	-1.56	0.391
73.00	-14.29	-18.34	0.00	-820.19	0.00	820.19	2,976.75	1,488.38	4,362.25	2,154.35	12.04	-1.58	0.386
74.00	-13.98	-18.12	0.00	-801.85	0.00	801.85	2,963.19	1,481.59	4,322.24	2,134.59	12.37	-1.60	0.381
75.00	-13.67	-17.88	0.00	-783.73	0.00	783.73	2,949.62	1,474.81	4,282.41	2,114.92	12.71	-1.62	0.375
75.00	-13.67	-17.88	0.00	-783.73	0.00	783.73	2,628.21	1,314.11	3,842.67	1,897.75	12.71	-1.62	0.418
76.00	-13.40	-17.67	0.00	-765.85	0.00	765.85	2,616.17	1,308.08	3,807.28	1,880.27	13.05	-1.64	0.413
77.00	-13.14	-17.46	0.00	-748.18	0.00	748.18	2,604.12	1,302.06	3,772.05	1,862.87	13.40	-1.66	0.407
78.00	-12.88	-17.25	0.00	-730.72	0.00	730.72	2,592.07	1,296.04	3,736.99	1,845.56	13.75	-1.69	0.401
79.00	-12.62	-17.04	0.00	-713.47	0.00	713.47	2,580.03	1,290.01	3,702.09	1,828.32	14.11	-1.71	0.395
80.00	-12.32	-16.80	0.00	-696.43	0.00	696.43	2,567.98	1,283.99	3,667.36	1,811.17	14.47	-1.73	0.389
81.00	-12.02	-16.55	0.00	-679.64	0.00	679.64	2,555.93	1,277.97	3,632.78	1,794.10	14.83	-1.75	0.384
82.00	-11.71	-16.31	0.00	-663.08	0.00	663.08	2,543.88	1,271.94	3,598.38	1,777.10	15.20	-1.78	0.378
83.00	-11.41	-16.07	0.00	-646.77	0.00	646.77	2,531.84	1,265.92	3,564.13	1,760.19	15.58	-1.80	0.372
84.00	-11.12	-15.82	0.00	-630.70	0.00	630.70	2,519.79	1,259.89	3,530.05	1,743.36	15.95	-1.82	0.366
84.11	-11.08	-15.80	0.00	-628.96	0.00	628.96	2,518.47	1,259.23	3,526.32	1,741.52	16.00	-1.82	0.366
85.00	-10.77	-15.58	0.00	-614.90	0.00	614.90	2,507.74	1,253.87	3,496.14	1,726.61	16.34	-1.84	0.228
85.00	-10.77	-15.58	0.00	-614.90	0.00	614.90	1,414.25	707.13	1,455.35	718.74	16.34	-1.84	0.222
86.00	-10.58	-15.42	0.00	-599.32	0.00	599.32	1,408.59	704.29	1,440.18	711.25	16.73	-1.86	0.286
87.00	-10.39	-15.27	0.00	-583.90	0.00	583.90	1,402.88	701.44	1,425.06	703.78	17.12	-1.89	0.280
88.00	-10.20	-15.11	0.00	-568.63	0.00	568.63	1,397.13	698.56	1,409.96	696.33	17.52	-1.93	0.273
89.00	-10.01	-14.96	0.00	-553.52	0.00	553.52	1,391.33	695.67	1,394.89	688.89	17.93	-1.96	0.267
90.00	-9.82	-14.80	0.00	-538.56	0.00	538.56	1,385.49	692.75	1,379.86	681.46	18.34	-2.00	0.260
91.00	-9.63	-14.65	0.00	-523.76	0.00	523.76	1,379.61	689.81	1,364.87	674.06	18.76	-2.03	0.254
92.00	-9.44	-14.49	0.00	-509.11	0.00	509.11	1,373.69	686.84	1,349.91	666.67	19.19	-2.06	0.248
93.00	-9.25	-14.34	0.00	-494.61	0.00	494.61	1,367.72	683.86	1,334.99	659.30	19.63	-2.10	0.241
94.00	-9.07	-14.18	0.00	-480.28	0.00	480.28	1,361.71	680.85	1,320.10	651.95	20.07	-2.13	0.235
95.00	-8.88	-14.03	0.00	-466.09	0.00	466.09	1,355.66	677.83	1,305.26	644.62	20.52	-2.16	0.229
95.50	-8.79	-13.95	0.00	-459.08	0.00	459.08	1,352.61	676.31	1,297.85	640.96	20.75	-2.17	0.226
95.50	-8.79	-13.95	0.00	-459.08	0.00	459.08	1,352.61	676.31	1,297.85	640.96	20.75	-2.17	0.723
96.00	-8.71	-13.88	0.00	-452.11	0.00	452.11	1,349.56	674.78	1,290.45	637.30	20.98	-2.19	0.716
97.00	-8.56	-13.73	0.00	-438.23	0.00	438.23	1,343.42	671.71	1,275.68	630.01	21.45	-2.29	0.702
98.00	-8.41	-13.59	0.00	-424.49	0.00	424.49	1,337.24	668.62	1,260.95	622.74	21.94	-2.39	0.688
99.00	-8.26	-13.45	0.00	-410.90	0.00	410.90	1,331.01	665.51	1,246.27	615.49	22.45	-2.48	0.674
100.00	-8.11	-13.30	0.00	-397.46	0.00	397.46	1,324.75	662.37	1,231.63	608.25	22.98	-2.58	0.660

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

29 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

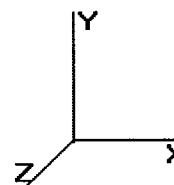
Wind Load Factor : 1.60

101.00	-8.01	-13.19	0.00	-384.16	0.00	384.16	1,318.44	659.22	1,217.03	601.04	23.53	-2.67	0.646
102.00	-7.91	-13.08	0.00	-370.97	0.00	370.97	1,312.08	656.04	1,202.47	593.86	24.10	-2.76	0.631
103.00	-7.81	-12.97	0.00	-357.89	0.00	357.89	1,305.69	652.84	1,187.96	586.69	24.68	-2.85	0.616
104.00	-7.71	-12.85	0.00	-344.93	0.00	344.93	1,299.25	649.62	1,173.50	579.55	25.29	-2.94	0.601
105.00	-7.61	-12.74	0.00	-332.07	0.00	332.07	1,293.29	646.65	1,159.56	572.66	25.92	-3.03	0.586
106.00	-7.51	-12.63	0.00	-319.33	0.00	319.33	1,283.85	641.92	1,142.58	564.28	26.56	-3.12	0.572
107.00	-7.42	-12.52	0.00	-306.71	0.00	306.71	1,274.40	637.20	1,125.74	555.96	27.23	-3.21	0.558
108.00	-7.32	-12.40	0.00	-294.19	0.00	294.19	1,264.95	632.48	1,109.01	547.70	27.91	-3.29	0.543
109.00	-7.23	-12.29	0.00	-281.78	0.00	281.78	1,255.51	627.75	1,092.42	539.50	28.60	-3.37	0.528
110.00	-6.22	-10.02	0.00	-269.49	0.00	269.49	1,246.06	623.03	1,075.94	531.37	29.32	-3.45	0.512
110.00	-6.22	-10.02	0.00	-269.49	0.00	269.49	852.83	426.42	740.79	365.85	29.32	-3.45	0.744
111.00	-6.15	-9.95	0.00	-259.48	0.00	259.48	849.27	424.64	732.18	361.60	30.05	-3.53	0.725
112.00	-6.08	-9.89	0.00	-249.53	0.00	249.53	845.67	422.84	723.58	357.35	30.80	-3.63	0.706
113.00	-6.00	-9.82	0.00	-239.64	0.00	239.64	842.03	421.01	714.99	353.11	31.57	-3.74	0.686
114.00	-5.93	-9.76	0.00	-229.82	0.00	229.82	838.34	419.17	706.41	348.87	32.37	-3.83	0.666
115.00	-5.86	-9.69	0.00	-220.06	0.00	220.06	834.62	417.31	697.84	344.64	33.18	-3.93	0.646
116.00	-5.79	-9.63	0.00	-210.37	0.00	210.37	830.85	415.43	689.29	340.42	34.01	-4.03	0.625
117.00	-5.72	-9.56	0.00	-200.74	0.00	200.74	827.04	413.52	680.76	336.20	34.87	-4.12	0.605
118.00	-5.65	-9.50	0.00	-191.18	0.00	191.18	823.19	411.60	672.24	331.99	35.74	-4.21	0.583
119.00	-5.58	-9.43	0.00	-181.68	0.00	181.68	819.30	409.65	663.73	327.79	36.63	-4.30	0.562
120.00	-5.51	-9.37	0.00	-172.24	0.00	172.24	815.37	407.68	655.25	323.60	37.54	-4.39	0.540
121.00	-5.44	-9.31	0.00	-162.87	0.00	162.87	811.40	405.70	646.78	319.42	38.47	-4.47	0.517
122.00	-5.38	-9.24	0.00	-153.57	0.00	153.57	807.38	403.69	638.33	315.25	39.41	-4.55	0.494
123.00	-5.31	-9.18	0.00	-144.33	0.00	144.33	803.32	401.66	629.90	311.09	40.37	-4.63	0.471
124.00	-5.25	-9.08	0.00	-135.15	0.00	135.15	799.23	399.61	621.49	306.93	41.35	-4.70	0.447
125.00	-5.19	-8.99	0.00	-126.07	0.00	126.07	795.09	397.54	613.11	302.79	42.34	-4.77	0.423
126.00	-5.13	-8.89	0.00	-117.08	0.00	117.08	790.91	395.45	604.74	298.66	43.35	-4.84	0.399
127.00	-5.07	-8.80	0.00	-108.19	0.00	108.19	786.69	393.34	596.40	294.54	44.37	-4.91	0.374
128.00	-5.02	-8.71	0.00	-99.39	0.00	99.39	782.42	391.21	588.08	290.43	45.40	-4.97	0.349
129.00	-4.96	-8.61	0.00	-90.68	0.00	90.68	778.12	389.06	579.79	286.34	46.45	-5.03	0.324
130.00	-3.61	-5.54	0.00	-79.11	0.00	79.11	773.77	386.89	571.52	282.25	47.50	-5.08	0.285
131.00	-3.56	-5.47	0.00	-73.57	0.00	73.57	769.39	384.69	563.28	278.18	48.57	-5.13	0.269
132.00	-3.52	-5.41	0.00	-68.10	0.00	68.10	764.96	382.48	555.06	274.13	49.65	-5.18	0.253
133.00	-3.47	-5.34	0.00	-62.69	0.00	62.69	760.49	380.24	546.88	270.08	50.74	-5.22	0.237
134.00	-3.43	-5.28	0.00	-57.35	0.00	57.35	755.98	377.99	538.72	266.05	51.83	-5.26	0.220
135.00	-3.38	-5.21	0.00	-52.08	0.00	52.08	751.42	375.71	530.59	262.04	52.94	-5.30	0.203
136.00	-3.34	-5.15	0.00	-46.86	0.00	46.86	746.83	373.41	522.49	258.04	54.05	-5.34	0.186
137.00	-3.30	-5.09	0.00	-41.71	0.00	41.71	742.19	371.10	514.42	254.05	55.17	-5.37	0.169
138.00	-3.26	-5.02	0.00	-36.63	0.00	36.63	737.52	368.76	506.39	250.09	56.30	-5.40	0.151
139.00	-3.22	-4.96	0.00	-31.61	0.00	31.61	732.80	366.40	498.39	246.13	57.43	-5.43	0.133
140.00	-1.78	-2.52	0.00	-24.22	0.00	24.22	728.04	364.02	490.42	242.20	58.57	-5.45	0.103
141.00	-1.75	-2.46	0.00	-21.70	0.00	21.70	721.77	360.89	481.50	237.80	59.71	-5.47	0.094
142.00	-1.72	-2.40	0.00	-19.24	0.00	19.24	714.82	357.41	472.22	233.21	60.86	-5.49	0.085
143.00	-1.69	-2.34	0.00	-16.84	0.00	16.84	707.87	353.93	463.02	228.67	62.01	-5.50	0.076
144.00	-1.66	-2.27	0.00	-14.51	0.00	14.51	700.91	350.46	453.92	224.17	63.16	-5.52	0.067
145.00	-1.63	-2.21	0.00	-12.23	0.00	12.23	693.96	346.98	444.90	219.72	64.32	-5.53	0.058
146.00	-1.60	-2.15	0.00	-10.02	0.00	10.02	687.01	343.50	435.98	215.31	65.47	-5.54	0.049
147.00	-1.57	-2.09	0.00	-7.87	0.00	7.87	680.05	340.03	427.15	210.95	66.63	-5.55	0.040
148.00	-1.54	-2.03	0.00	-5.77	0.00	5.77	673.10	336.55	418.40	206.63	67.80	-5.56	0.030
149.00	-1.51	-1.97	0.00	-3.74	0.00	3.74	666.15	333.07	409.75	202.36	68.96	-5.56	0.021
150.00	0.00	-1.82	0.00	-1.76	0.00	1.76	659.19	329.60	401.19	198.13	70.12	-5.57	0.009

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

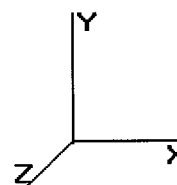
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	2.724	2.996	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	2.724	2.996	0.000	1.200	1.057	1.00	4.802	5.76	17.3	74.5	595.8
2.00		1.00	0.70	2.724	2.996	0.000	1.200	1.133	1.00	4.766	5.72	17.1	79.1	594.9
3.00		1.00	0.70	2.724	2.996	0.000	1.200	1.180	1.00	4.724	5.67	17.0	81.6	591.8
4.00		1.00	0.70	2.724	2.996	0.000	1.200	1.215	1.00	4.681	5.62	16.8	83.1	587.7
5.00		1.00	0.70	2.724	2.996	0.000	1.200	1.242	1.00	4.637	5.56	16.7	84.2	583.1
6.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.265	1.00	4.592	5.51	16.5	84.8	578.2
7.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.285	1.00	4.546	5.46	16.3	85.2	573.0
8.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.302	1.00	4.500	5.40	16.2	85.4	567.6
9.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.317	1.00	4.454	5.34	16.0	85.5	562.1
10.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.331	1.00	4.407	5.29	15.8	85.5	556.5
11.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.344	1.00	4.360	5.23	15.7	85.3	550.7
12.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.356	1.00	4.313	5.18	15.5	85.1	544.9
13.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.367	1.00	4.266	5.12	15.3	84.8	539.0
14.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.377	1.00	4.219	5.06	15.2	84.4	533.0
15.00	Top - Section 1	1.00	0.70	2.724	2.996	0.000	1.200	* 1.386	1.00	4.172	5.01	15.0	84.0	527.0
16.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.395	1.00	4.160	4.99	15.0	84.6	489.9
17.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.404	1.00	4.147	4.98	14.9	84.9	488.6
18.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.412	1.00	4.134	4.96	14.9	85.1	487.4
19.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.419	1.00	4.122	4.95	14.8	85.2	486.1
20.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.427	1.00	4.109	4.93	14.8	85.4	484.8
21.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.434	1.00	4.096	4.92	14.7	85.5	483.4
22.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.440	1.00	4.083	4.90	14.7	85.6	482.1
23.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.447	1.00	4.070	4.88	14.6	85.7	480.7
24.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.453	1.00	4.057	4.87	14.6	85.8	479.3
25.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.459	1.00	4.044	4.85	14.5	85.8	477.9
26.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.465	1.00	4.031	4.84	14.5	85.9	476.4
27.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.470	1.00	4.018	4.82	14.4	85.9	475.0
28.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.476	1.00	4.005	4.81	14.4	85.9	473.5
29.00		1.00	0.70	2.724	2.996	0.000	1.200	* 1.481	1.00	3.992	4.79	14.4	85.9	472.1
30.00		1.00	0.70	2.726	2.999	0.000	1.200	* 1.486	1.00	3.978	4.77	14.3	85.9	470.6
31.00		1.00	0.70	2.752	3.027	0.000	1.200	* 1.491	1.00	3.965	4.76	14.4	85.9	469.1
32.00		1.00	0.71	2.777	3.055	0.000	1.200	* 1.495	1.00	3.952	4.74	14.5	85.8	467.6
33.00		1.00	0.72	2.801	3.082	0.000	1.200	* 1.500	1.00	3.939	4.73	14.6	85.8	466.1
34.00		1.00	0.72	2.825	3.108	0.000	1.200	* 1.504	1.00	3.925	4.71	14.6	85.8	464.6
35.00		1.00	0.73	2.849	3.134	0.000	1.200	* 1.509	1.00	3.912	4.69	14.7	85.7	463.0
36.00		1.00	0.73	2.872	3.159	0.000	1.200	* 1.513	1.00	3.899	4.68	14.8	85.6	461.5
37.00		1.00	0.74	2.894	3.184	0.000	1.200	* 1.517	1.00	3.885	4.66	14.8	85.5	459.9
38.00		1.00	0.75	2.917	3.208	0.000	1.200	* 1.521	1.00	3.872	4.65	14.9	85.5	458.4
39.00		1.00	0.75	2.938	3.232	0.000	1.200	* 1.525	1.00	3.859	4.63	15.0	85.4	456.8
40.00		1.00	0.76	2.960	3.256	0.000	1.200	* 1.529	1.00	3.845	4.61	15.0	85.3	455.3
41.00		1.00	0.76	2.981	3.279	0.000	1.200	* 1.533	1.00	3.832	4.60	15.1	85.2	453.7
42.00		1.00	0.77	3.001	3.301	0.000	1.200	* 1.537	1.00	3.819	4.58	15.1	85.1	452.1
43.00		1.00	0.77	3.021	3.324	0.000	1.200	* 1.540	1.00	3.805	4.57	15.2	84.9	450.5
44.00		1.00	0.78	3.041	3.346	0.000	1.200	* 1.544	1.00	3.792	4.55	15.2	84.8	448.9
45.00		1.00	0.78	3.061	3.367	0.000	1.200	* 1.547	1.00	3.778	4.53	15.3	84.7	447.3
46.00		1.00	0.79	3.080	3.388	0.000	1.200	* 1.551	1.00	3.765	4.52	15.3	84.6	445.7
47.00		1.00	0.79	3.099	3.409	0.000	1.200	* 1.554	1.00	3.751	4.50	15.3	84.4	444.1
48.00		1.00	0.80	3.118	3.430	0.000	1.200	* 1.557	1.00	3.738	4.49	15.4	84.3	442.5
49.00		1.00	0.80	3.136	3.450	0.000	1.200	* 1.560	1.00	3.724	4.47	15.4	84.1	440.9
50.00		1.00	0.81	3.155	3.470	0.000	1.200	* 1.564	1.00	3.711	4.45	15.5	84.0	439.3

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

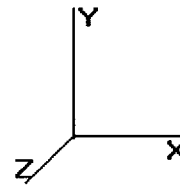
51.00		1.00	0.81	3.172	3.490	0.000	1.200	*	1.567	1.00	3.697	4.44	15.5	83.8	437.6
52.00		1.00	0.82	3.190	3.509	0.000	1.200	*	1.570	1.00	3.684	4.42	15.5	83.6	436.0
53.00		1.00	0.82	3.207	3.528	0.000	1.200	*	1.573	1.00	3.670	4.40	15.5	83.5	434.4
54.00		1.00	0.82	3.225	3.547	0.000	1.200	*	1.576	1.00	3.657	4.39	15.6	83.3	432.7
55.00	Top - Section 2	1.00	0.83	3.242	3.566	0.000	1.200	*	1.579	1.00	3.643	4.37	15.6	83.1	431.1
56.00		1.00	0.83	3.258	3.584	0.000	1.200	*	1.581	1.00	3.656	4.39	15.7	83.6	401.5
57.00		1.00	0.84	3.275	3.602	0.000	1.200	*	1.584	1.00	3.642	4.37	15.7	83.4	400.0
58.00		1.00	0.84	3.291	3.620	0.000	1.200	*	1.587	1.00	3.628	4.35	15.8	83.2	398.5
59.00		1.00	0.85	3.307	3.638	0.000	1.200	*	1.590	1.00	3.615	4.34	15.8	83.0	397.0
60.00		1.00	0.85	3.323	3.656	0.000	1.200	*	1.592	1.00	3.601	4.32	15.8	82.8	395.4
61.00		1.00	0.85	3.339	3.673	0.000	1.200	*	1.595	1.00	3.587	4.30	15.8	82.6	393.9
62.00		1.00	0.86	3.354	3.690	0.000	1.200	*	1.598	1.00	3.574	4.29	15.8	82.4	392.3
63.00		1.00	0.86	3.370	3.707	0.000	1.200	*	1.600	1.00	3.560	4.27	15.8	82.2	390.8
64.00		1.00	0.87	3.385	3.724	0.000	1.200	*	1.603	1.00	3.546	4.26	15.8	82.0	389.3
65.00		1.00	0.87	3.400	3.740	0.000	1.200	*	1.605	1.00	3.533	4.24	15.9	81.8	387.7
66.00		1.00	0.87	3.415	3.756	0.000	1.200	*	1.608	1.00	3.519	4.22	15.9	81.6	386.2
67.00		1.00	0.88	3.430	3.773	0.000	1.200	*	1.610	1.00	3.505	4.21	15.9	81.4	384.6
68.00		1.00	0.88	3.444	3.789	0.000	1.200	*	1.612	1.00	3.492	4.19	15.9	81.2	383.0
69.00		1.00	0.88	3.459	3.804	0.000	1.200	*	1.615	1.00	3.478	4.17	15.9	81.0	381.5
70.00		1.00	0.89	3.473	3.820	0.000	1.200	*	1.617	1.00	3.464	4.16	15.9	80.7	379.9
71.00		1.00	0.89	3.487	3.836	0.000	1.200	*	1.619	1.00	3.451	4.14	15.9	80.5	378.4
72.00		1.00	0.90	3.501	3.851	0.000	1.200	*	1.622	1.00	3.437	4.12	15.9	80.3	376.8
73.00		1.00	0.90	3.515	3.866	0.000	1.200	*	1.624	1.00	3.423	4.11	15.9	80.1	375.2
74.00		1.00	0.90	3.528	3.881	0.000	1.200	*	1.626	1.00	3.409	4.09	15.9	79.8	373.6
75.00	Top - Section 3	1.00	0.91	3.542	3.896	0.000	1.200	*	1.628	1.00	3.396	4.07	15.9	79.6	372.1
76.00		1.00	0.91	3.555	3.911	0.000	1.200	*	1.631	1.00	3.382	4.06	15.9	79.4	371.1
77.00		1.00	0.91	3.569	3.926	0.000	1.200	*	1.633	1.00	3.368	4.04	15.9	79.1	370.1
78.00		1.00	0.92	3.582	3.940	0.000	1.200	*	1.635	1.00	3.355	4.03	15.9	78.9	369.1
79.00		1.00	0.92	3.595	3.954	0.000	1.200	*	1.637	1.00	3.341	4.01	15.9	78.6	368.1
80.00		1.00	0.92	3.608	3.969	0.000	1.200	*	1.639	1.00	3.327	3.99	15.8	78.4	367.1
81.00		1.00	0.93	3.621	3.983	0.000	1.200	*	1.641	1.00	3.313	3.98	15.8	78.2	366.1
82.00		1.00	0.93	3.633	3.997	0.000	1.200	*	1.643	1.00	3.300	3.96	15.8	77.9	365.1
83.00		1.00	0.93	3.646	4.011	0.000	1.200	*	1.645	1.00	3.286	3.94	15.8	77.7	364.1
84.00		1.00	0.94	3.659	4.024	0.000	1.200	*	1.647	1.00	3.272	3.93	15.8	77.4	363.1
84.11	Reinf Bottom	1.00	0.94	3.660	4.026	0.000	1.200	*	1.647	0.11	0.359	0.43	1.7	8.5	33.2
85.00	Top - Section 4	1.00	0.94	3.671	4.038	0.000	1.200	*	1.649	0.89	2.899	3.48	14.0	68.7	312.6
86.00		1.00	0.94	3.683	4.052	0.000	1.200	*	1.651	1.00	2.445	2.93	11.9	57.1	189.0
87.00		1.00	0.95	3.695	4.065	0.000	1.200	*	1.653	1.00	2.432	2.92	11.9	56.8	188.2
88.00		1.00	0.95	3.707	4.078	0.000	1.200	*	1.655	1.00	2.418	2.90	11.8	56.5	187.4
89.00		1.00	0.95	3.719	4.091	0.000	1.200	*	1.656	1.00	2.405	2.89	11.8	56.2	186.6
90.00		1.00	0.95	3.731	4.105	0.000	1.200	*	1.658	1.00	2.391	2.87	11.8	56.0	185.8
91.00		1.00	0.96	3.743	4.117	0.000	1.200	*	1.660	1.00	2.378	2.85	11.7	55.7	185.0
92.00		1.00	0.96	3.755	4.130	0.000	1.200	*	1.662	1.00	2.364	2.84	11.7	55.4	184.2
93.00		1.00	0.96	3.766	4.143	0.000	1.200	*	1.664	1.00	2.351	2.82	11.7	55.1	183.4
94.00		1.00	0.97	3.778	4.156	0.000	1.200	*	1.666	1.00	2.338	2.81	11.7	54.9	182.6
95.00		1.00	0.97	3.789	4.168	0.000	1.200	*	1.667	1.00	2.324	2.79	11.6	54.6	181.8
95.50	Reinf. Top	1.00	0.97	3.795	4.175	0.000	1.200	*	1.668	0.50	1.157	1.39	5.8	27.2	90.6
96.00		1.00	0.97	3.801	4.181	0.000	1.200	*	1.669	0.50	1.154	1.38	5.8	27.1	65.4
97.00		1.00	0.98	3.812	4.193	0.000	1.200	*	1.671	1.00	2.297	2.76	11.6	54.0	130.1
98.00		1.00	0.98	3.823	4.206	0.000	1.200	*	1.672	1.00	2.284	2.74	11.5	53.7	129.3
99.00		1.00	0.98	3.834	4.218	0.000	1.200	*	1.674	1.00	2.270	2.72	11.5	53.4	128.5
100.0		1.00	0.98	3.845	4.230	0.000	1.200	*	1.676	1.00	2.257	2.71	11.5	53.1	127.7
101.0		1.00	0.99	3.856	4.242	0.000	1.200	*	1.678	1.00	2.243	2.69	11.4	52.9	126.9
102.0		1.00	0.99	3.867	4.254	0.000	1.200	*	1.679	1.00	2.230	2.68	11.4	52.6	126.0
103.0		1.00	0.99	3.878	4.266	0.000	1.200	*	1.681	1.00	2.216	2.66	11.3	52.3	125.2
104.0		1.00	0.99	3.889	4.278	0.000	1.200	*	1.682	1.00	2.203	2.64	11.3	52.0	124.4
105.0		1.00	1.00	3.899	4.289	0.000	1.200	*	1.684	1.00	2.190	2.63	11.3	51.7	123.6

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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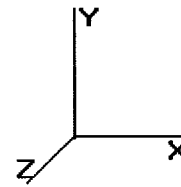
Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

106.0		1.00	1.00	3.910	4.301	0.000	1.200	*	1.686	1.00	2.176	2.61	11.2	51.4	122.8
107.0		1.00	1.00	3.920	4.313	0.000	1.200	*	1.687	1.00	2.163	2.60	11.2	51.1	122.0
108.0		1.00	1.01	3.931	4.324	0.000	1.200	*	1.689	1.00	2.149	2.58	11.2	50.8	121.1
109.0		1.00	1.01	3.941	4.335	0.000	1.200	*	1.690	1.00	2.136	2.56	11.1	50.5	120.3
110.0	Top - Section 5	1.00	1.01	3.952	4.347	0.000	1.200	*	1.692	1.00	2.122	2.55	11.1	50.2	119.5
111.0		1.00	1.01	3.962	4.358	0.000	1.200	*	1.693	1.00	2.109	2.53	11.0	49.9	101.6
112.0		1.00	1.02	3.972	4.369	0.000	1.200	*	1.695	1.00	2.096	2.51	11.0	49.6	101.0
113.0		1.00	1.02	3.982	4.380	0.000	1.200	*	1.696	1.00	2.082	2.50	10.9	49.3	100.3
114.0		1.00	1.02	3.992	4.391	0.000	1.200	*	1.698	1.00	2.069	2.48	10.9	49.0	99.6
115.0		1.00	1.02	4.002	4.402	0.000	1.200	*	1.699	1.00	2.056	2.47	10.9	48.7	98.9
116.0		1.00	1.03	4.012	4.413	0.000	1.200	*	1.701	1.00	2.043	2.45	10.8	48.4	98.2
117.0		1.00	1.03	4.022	4.424	0.000	1.200	*	1.702	1.00	2.029	2.44	10.8	48.1	97.5
118.0		1.00	1.03	4.032	4.435	0.000	1.200	*	1.704	1.00	2.016	2.42	10.7	47.8	96.8
119.0		1.00	1.03	4.041	4.445	0.000	1.200	*	1.705	1.00	2.003	2.40	10.7	47.5	96.2
120.0		1.00	1.04	4.051	4.456	0.000	1.200	*	1.707	1.00	1.990	2.39	10.6	47.2	95.5
121.0		1.00	1.04	4.061	4.467	0.000	1.200	*	1.708	1.00	1.976	2.37	10.6	46.9	94.8
122.0		1.00	1.04	4.070	4.477	0.000	1.200	*	1.710	1.00	1.963	2.36	10.5	46.6	94.1
123.0		1.00	1.04	4.080	4.488	0.000	1.200	*	1.711	1.00	1.950	2.34	10.5	46.3	93.4
124.0		1.00	1.05	4.089	4.498	0.000	1.200	*	1.712	1.00	1.937	2.32	10.5	46.0	92.7
125.0		1.00	1.05	4.099	4.508	0.000	1.200	*	1.714	1.00	1.923	2.31	10.4	45.7	92.0
126.0		1.00	1.05	4.108	4.519	0.000	1.200	*	1.715	1.00	1.910	2.29	10.4	45.4	91.3
127.0		1.00	1.05	4.117	4.529	0.000	1.200	*	1.716	1.00	1.897	2.28	10.3	45.1	90.6
128.0		1.00	1.06	4.126	4.539	0.000	1.200	*	1.718	1.00	1.884	2.26	10.3	44.8	89.9
129.0		1.00	1.06	4.136	4.549	0.000	1.200	*	1.719	1.00	1.870	2.24	10.2	44.4	89.2
130.0	Appertunance(s)	1.00	1.06	4.145	4.559	0.000	1.200	*	1.720	1.00	1.857	2.23	10.2	44.1	88.5
131.0		1.00	1.06	4.154	4.569	0.000	1.200	*	1.722	1.00	1.844	2.21	10.1	43.8	87.8
132.0		1.00	1.07	4.163	4.579	0.000	1.200	*	1.723	1.00	1.831	2.20	10.1	43.5	87.2
133.0		1.00	1.07	4.172	4.589	0.000	1.200	*	1.724	1.00	1.817	2.18	10.0	43.2	86.5
134.0		1.00	1.07	4.181	4.599	0.000	1.200	*	1.726	1.00	1.804	2.16	10.0	42.9	85.8
135.0		1.00	1.07	4.190	4.609	0.000	1.200	*	1.727	1.00	1.791	2.15	9.9	42.6	85.1
136.0		1.00	1.07	4.199	4.618	0.000	1.200	*	1.728	1.00	1.778	2.13	9.9	42.2	84.4
137.0		1.00	1.08	4.207	4.628	0.000	1.200	*	1.729	1.00	1.764	2.12	9.8	41.9	83.6
138.0		1.00	1.08	4.216	4.638	0.000	1.200	*	1.731	1.00	1.751	2.10	9.7	41.6	82.9
139.0		1.00	1.08	4.225	4.647	0.000	1.200	*	1.732	1.00	1.738	2.09	9.7	41.3	82.2
140.0	Appertunance(s)	1.00	1.08	4.233	4.657	0.000	1.200	*	1.733	1.00	1.725	2.07	9.6	41.0	81.5
141.0		1.00	1.09	4.242	4.666	0.000	1.200	*	1.734	1.00	1.711	2.05	9.6	40.7	80.8
142.0		1.00	1.09	4.251	4.676	0.000	1.200	*	1.736	1.00	1.698	2.04	9.5	40.3	80.1
143.0		1.00	1.09	4.259	4.685	0.000	1.200	*	1.737	1.00	1.685	2.02	9.5	40.0	79.4
144.0		1.00	1.09	4.268	4.694	0.000	1.200	*	1.738	1.00	1.671	2.01	9.4	39.7	78.7
145.0		1.00	1.09	4.276	4.704	0.000	1.200	*	1.739	1.00	1.658	1.99	9.4	39.4	78.0
146.0		1.00	1.10	4.284	4.713	0.000	1.200	*	1.741	1.00	1.645	1.97	9.3	39.0	77.3
147.0		1.00	1.10	4.293	4.722	0.000	1.200	*	1.742	1.00	1.632	1.96	9.2	38.7	76.6
148.0		1.00	1.10	4.301	4.731	0.000	1.200	*	1.743	1.00	1.618	1.94	9.2	38.4	75.9
149.0		1.00	1.10	4.309	4.740	0.000	1.200	*	1.744	1.00	1.605	1.93	9.1	38.1	75.2
150.0	Appertunance(s)	1.00	1.11	4.318	4.749	0.000	1.200	*	1.745	1.00	1.592	1.91	9.1	37.8	74.5
* = Cf Adjusted By Linear Load Ra Effect		Totals:									150.00	2,006.8	10,170.4	45,089.4	

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi 40.00 mph with 0.75 in Radial Ice

27 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
 Ice Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

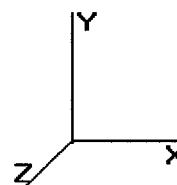
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	3.542	3.896	1.00	1.00	1.65	0.000	0.000	6.43	0.00	0.00	15.03
110.0	48" x 12" Panels	9	3.952	4.347	0.54	0.80	29.04	0.000	0.000	126.23	0.00	0.00	1,479.51
110.0	72" x 12" Panels	3	3.952	4.347	0.54	0.80	15.09	0.000	0.000	65.61	0.00	0.00	716.01
110.0	Round T-Arms	3	3.952	4.347	0.45	0.75	23.91	0.000	0.000	103.92	0.00	0.00	1,317.09
130.0	Antel BXA-171063-8BF	1	4.163	4.579	0.57	0.80	2.16	0.000	2.000	9.87	0.00	19.74	94.36
130.0	Antel BXA-171085-8BF	2	4.163	4.579	0.57	0.80	4.28	0.000	2.000	19.61	0.00	39.22	189.07
130.0	Antel BXA-70063/6CF	3	4.163	4.579	0.53	0.80	13.98	0.000	2.000	64.01	0.00	128.02	562.13
130.0	Antel LPA-80063/6CF	2	4.145	4.559	0.61	0.80	13.25	0.000	0.000	60.40	0.00	0.00	629.40
130.0	Antel LPA-80080/6CF	4	4.163	4.579	0.52	0.80	20.65	0.000	2.000	94.54	0.00	189.08	867.53
130.0	RFS FD9R6004/1C-3L	6	4.163	4.579	0.40	0.80	1.39	0.000	2.000	6.34	0.00	12.69	99.55
130.0	Round Low Profile PI	1	4.145	4.559	1.00	1.00	40.66	0.000	0.000	185.40	0.00	0.00	2,240.00
140.0	Alcatel-Lucent 1900	3	4.233	4.657	0.54	0.80	4.80	0.000	0.000	22.37	0.00	0.00	499.10
140.0	Alcatel-Lucent 800 M	3	4.233	4.657	0.54	0.80	6.68	0.000	0.000	31.10	0.00	0.00	616.44
140.0	Decibel DB980H90E-M	6	4.251	4.676	0.54	0.80	15.89	0.000	2.000	74.30	0.00	148.61	620.06
140.0	RFS APXVSPP18-C-	3	4.233	4.657	0.66	0.80	18.54	0.000	0.000	86.32	0.00	0.00	799.35
140.0	Round Low Profile PI	1	4.251	4.676	0.90	1.00	30.46	0.000	2.000	142.44	0.00	284.88	1,455.80
150.0	Powerwave 7020.00	6	4.326	4.759	0.40	0.80	1.49	0.000	1.000	7.10	0.00	7.10	110.13
150.0	Powerwave 7770.00	6	4.326	4.759	0.51	0.80	20.37	0.000	1.000	96.92	0.00	96.92	1,065.89
150.0	Powerwave LGP21401	6	4.326	4.759	0.40	0.80	3.75	0.000	1.000	17.86	0.00	17.86	303.41
150.0	Powerwave LGP21901	6	4.326	4.759	0.40	0.80	1.03	0.000	1.000	4.90	0.00	4.90	115.31
150.0	Round Low Profile PI	1	4.326	4.759	0.90	1.00	36.84	0.000	1.000	175.32	0.00	175.32	2,249.22
										1,400.99			16,044.40

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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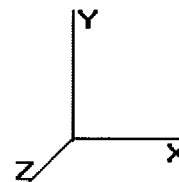
Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
6.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.28	2.56	2.724	0.244	0.000	7.68	94.98
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.244	0.000	0.00	2.79
7.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.28	2.57	2.724	0.247	0.000	7.69	95.24
7.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.247	0.000	0.00	2.86
8.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.29	2.57	2.724	0.250	0.000	7.71	95.46
8.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.250	0.000	0.00	2.92
9.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.29	2.58	2.724	0.253	0.000	7.73	95.67
9.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.253	0.000	0.00	2.98
10.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.29	2.58	2.724	0.256	0.000	7.74	95.85
10.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.256	0.000	0.00	3.03
11.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.29	2.59	2.724	0.259	0.000	7.75	96.02
11.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.259	0.000	0.00	3.08
12.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.30	2.59	2.724	0.262	0.000	7.77	96.18
12.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.262	0.000	0.00	3.12
13.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.30	2.60	2.724	0.265	0.000	7.78	96.32
13.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.265	0.000	0.00	3.16
14.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.30	2.60	2.724	0.268	0.000	7.79	96.46
14.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.268	0.000	0.00	3.20
15.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.30	2.60	2.724	0.272	0.000	7.80	96.58
15.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.272	0.000	0.00	3.24
16.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.30	2.61	2.724	0.272	0.000	7.81	96.70
16.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.272	0.000	0.00	3.28
17.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.30	2.61	2.724	0.273	0.000	7.81	96.82
17.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.273	0.000	0.00	3.31
18.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.61	2.724	0.274	0.000	7.82	96.93
18.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.274	0.000	0.00	3.34
19.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.61	2.724	0.275	0.000	7.83	97.03
19.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.275	0.000	0.00	3.37
20.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.62	2.724	0.276	0.000	7.84	97.13
20.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.276	0.000	0.00	3.40
21.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.62	2.724	0.277	0.000	7.84	97.22
21.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.277	0.000	0.00	3.43
22.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.62	2.724	0.278	0.000	7.85	97.31
22.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.278	0.000	0.00	3.45
23.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.62	2.724	0.279	0.000	7.86	97.40
23.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.279	0.000	0.00	3.48
24.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.62	2.724	0.280	0.000	7.86	97.48
24.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.280	0.000	0.00	3.50
25.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.63	2.724	0.282	0.000	7.87	97.56
25.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.282	0.000	0.00	3.53
26.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.31	2.63	2.724	0.283	0.000	7.87	97.64
26.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.283	0.000	0.00	3.55
27.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.63	2.724	0.284	0.000	7.88	97.71
27.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.284	0.000	0.00	3.57
28.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.63	2.724	0.285	0.000	7.89	97.79
28.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.285	0.000	0.00	3.60
29.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.63	2.724	0.286	0.000	7.89	97.86
29.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.724	0.286	0.000	0.00	3.62
30.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.726	0.287	0.000	7.90	97.93
30.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.726	0.287	0.000	0.00	3.64
31.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.752	0.288	0.000	7.98	97.99

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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



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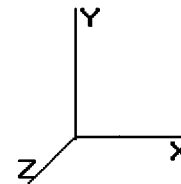
Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

31.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.752	0.288	0.000	0.00	3.66
32.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.777	0.289	0.000	8.06	98.06
32.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.777	0.289	0.000	0.00	3.68
33.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.801	0.290	0.000	8.14	98.12
33.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.801	0.290	0.000	0.00	3.70
34.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.825	0.291	0.000	8.21	98.18
34.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.825	0.291	0.000	0.00	3.72
35.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.849	0.292	0.000	8.28	98.24
35.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.849	0.292	0.000	0.00	3.73
36.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.64	2.872	0.293	0.000	8.35	98.30
36.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.872	0.293	0.000	0.00	3.75
37.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.65	2.894	0.295	0.000	8.42	98.36
37.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.894	0.295	0.000	0.00	3.77
38.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.65	2.917	0.296	0.000	8.49	98.41
38.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.917	0.296	0.000	0.00	3.79
39.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.65	2.938	0.297	0.000	8.56	98.47
39.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.938	0.297	0.000	0.00	3.80
40.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.32	2.65	2.960	0.298	0.000	8.63	98.52
40.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.960	0.298	0.000	0.00	3.82
41.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.65	2.981	0.299	0.000	8.69	98.57
41.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	2.981	0.299	0.000	0.00	3.83
42.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.65	3.001	0.300	0.000	8.76	98.62
42.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.001	0.300	0.000	0.00	3.85
43.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.65	3.021	0.302	0.000	8.82	98.67
43.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.021	0.302	0.000	0.00	3.87
44.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.65	3.041	0.303	0.000	8.88	98.72
44.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.041	0.303	0.000	0.00	3.88
45.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.061	0.304	0.000	8.94	98.77
45.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.061	0.304	0.000	0.00	3.90
46.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.080	0.305	0.000	9.00	98.82
46.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.080	0.305	0.000	0.00	3.91
47.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.099	0.306	0.000	9.06	98.86
47.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.099	0.306	0.000	0.00	3.92
48.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.118	0.308	0.000	9.12	98.91
48.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.118	0.308	0.000	0.00	3.94
49.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.136	0.309	0.000	9.18	98.95
49.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.136	0.309	0.000	0.00	3.95
50.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.155	0.310	0.000	9.23	98.99
50.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.155	0.310	0.000	0.00	3.97
51.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.172	0.311	0.000	9.29	99.04
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.172	0.311	0.000	0.00	3.98
52.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.190	0.313	0.000	9.35	99.08
52.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.190	0.313	0.000	0.00	3.99
53.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.66	3.207	0.314	0.000	9.40	99.12
53.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.207	0.314	0.000	0.00	4.01
54.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.67	3.225	0.315	0.000	9.45	99.16
54.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.225	0.315	0.000	0.00	4.02
55.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.67	3.242	0.317	0.000	9.51	99.20
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.242	0.317	0.000	0.00	4.03
56.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.67	3.258	0.315	0.000	9.56	99.24
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.258	0.315	0.000	0.00	4.04
57.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.67	3.275	0.317	0.000	9.61	99.28
57.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.275	0.317	0.000	0.00	4.06
58.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.67	3.291	0.318	0.000	9.66	99.32
58.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.291	0.318	0.000	0.00	4.07
59.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.33	2.67	3.307	0.319	0.000	9.71	99.36
59.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.307	0.319	0.000	0.00	4.08

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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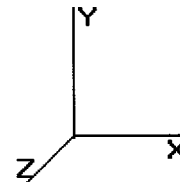
Load Case: 1.2D + 1.0Di + 1.0Wi		40.00 mph with 0.75 in Radial Ice		27 Iterations	
Gust Response Factor : 1.10		Ice Dead Load Factor : 1.00		Wind Importance Factor : 1.00	
Dead Load Factor : 1.20				Ice Importance Factor : 1.00	
Wind Load Factor : 1.00					

60.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.67	3.323	0.321	0.000	9.76	99.39
60.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.323	0.321	0.000	0.00	4.09
61.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.67	3.339	0.322	0.000	9.81	99.43
61.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.339	0.322	0.000	0.00	4.10
62.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.67	3.354	0.324	0.000	9.86	99.47
62.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.354	0.324	0.000	0.00	4.11
63.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.67	3.370	0.325	0.000	9.91	99.50
63.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.370	0.325	0.000	0.00	4.13
64.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.67	3.385	0.326	0.000	9.96	99.54
64.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.385	0.326	0.000	0.00	4.14
65.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.400	0.328	0.000	10.00	99.57
65.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.400	0.328	0.000	0.00	4.15
66.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.415	0.329	0.000	10.05	99.60
66.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.415	0.329	0.000	0.00	4.16
67.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.430	0.331	0.000	10.10	99.64
67.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.430	0.331	0.000	0.00	4.17
68.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.444	0.332	0.000	10.14	99.67
68.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.444	0.332	0.000	0.00	4.18
69.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.459	0.333	0.000	10.19	99.70
69.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.459	0.333	0.000	0.00	4.19
70.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.473	0.335	0.000	10.23	99.74
70.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.473	0.335	0.000	0.00	4.20
71.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.487	0.336	0.000	10.28	99.77
71.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.487	0.336	0.000	0.00	4.21
72.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.501	0.338	0.000	10.32	99.80
72.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.501	0.338	0.000	0.00	4.22
73.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.515	0.339	0.000	10.37	99.83
73.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.515	0.339	0.000	0.00	4.23
74.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.528	0.341	0.000	10.41	99.86
74.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.528	0.341	0.000	0.00	4.24
75.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.542	0.342	0.000	10.45	99.89
75.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	3.542	0.342	0.000	0.00	4.25
76.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.555	0.344	0.000	10.50	99.92
77.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.569	0.346	0.000	10.54	99.95
78.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.68	3.582	0.347	0.000	10.58	99.98
79.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.69	3.595	0.349	0.000	10.62	100.01
80.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.608	0.487	0.000	5.48	74.53
80.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.69	3.608	0.487	0.000	10.66	100.04
81.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.621	0.489	0.000	5.50	74.55
81.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.69	3.621	0.489	0.000	10.70	100.07
82.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.633	0.491	0.000	5.52	74.57
82.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.69	3.633	0.491	0.000	10.74	100.10
83.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.646	0.494	0.000	5.54	74.59
83.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.69	3.646	0.494	0.000	10.78	100.12
84.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.659	0.496	0.000	5.56	74.61
84.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.34	2.69	3.659	0.496	0.000	10.82	100.15
84.11	(3) #20 Dywidag Bars	Yes	0.11	2.000	5.00	0.08	0.15	3.660	0.497	0.000	0.61	8.20
84.11	(2) Seam Flange	Yes	0.11	2.000	12.84	0.15	0.30	3.660	0.497	0.000	1.19	11.01
85.00	(3) #20 Dywidag Bars	Yes	0.89	2.000	5.00	0.62	1.23	3.671	0.498	0.000	4.97	66.42
85.00	(2) Seam Flange	Yes	0.89	2.000	12.84	1.20	2.39	3.671	0.498	0.000	9.67	89.17
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.683	0.498	0.000	2.95	49.57
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.683	0.498	0.000	2.95	49.57
86.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.683	0.498	0.000	5.61	74.64
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.695	0.501	0.000	2.96	49.61
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.695	0.501	0.000	2.96	49.61
87.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.695	0.501	0.000	5.63	74.66
88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.707	0.504	0.000	2.97	49.65

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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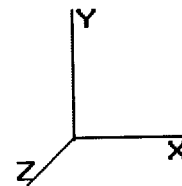
Load Case: 1.2D + 1.0Di + 1.0Wi		40.00 mph with 0.75 in Radial Ice				27 Iterations	
Gust Response Factor : 1.10		Ice Dead Load Factor : 1.00				Wind Importance Factor : 1.00	
Dead Load Factor : 1.20						Ice Importance Factor : 1.00	
Wind Load Factor : 1.00							

88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.707	0.504	0.000	2.97	49.65
88.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.38	3.707	0.504	0.000	5.65	74.68
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.719	0.507	0.000	2.98	49.70
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.719	0.507	0.000	2.98	49.70
89.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.719	0.507	0.000	5.67	74.70
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.731	0.511	0.000	2.99	49.74
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.731	0.511	0.000	2.99	49.74
90.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.731	0.511	0.000	5.69	74.72
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.743	0.514	0.000	3.01	49.78
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.743	0.514	0.000	3.01	49.78
91.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.743	0.514	0.000	5.71	74.74
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.755	0.517	0.000	3.02	49.82
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.755	0.517	0.000	3.02	49.82
92.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.755	0.517	0.000	5.73	74.75
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.766	0.521	0.000	3.03	49.86
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.766	0.521	0.000	3.03	49.86
93.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.766	0.521	0.000	5.75	74.77
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.778	0.524	0.000	3.04	49.90
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.778	0.524	0.000	3.04	49.90
94.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.778	0.524	0.000	5.77	74.79
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.789	0.528	0.000	3.05	49.94
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.789	0.528	0.000	3.05	49.94
95.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.69	1.39	3.789	0.528	0.000	5.79	74.81
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.30	0.37	3.795	0.530	0.000	1.53	24.98
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.30	0.37	3.795	0.530	0.000	1.53	24.98
95.50	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.35	0.69	3.795	0.530	0.000	2.90	37.41
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.30	0.37	3.801	0.532	0.000	1.53	24.99
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.30	0.37	3.801	0.532	0.000	1.53	24.99
96.00	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.35	0.69	3.801	0.532	0.000	2.91	37.41
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.812	0.535	0.000	3.07	50.02
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.812	0.535	0.000	3.07	50.02
97.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.70	1.39	3.812	0.535	0.000	5.83	74.84
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.823	0.539	0.000	3.08	50.06
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.823	0.539	0.000	3.08	50.06
98.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.70	1.39	3.823	0.539	0.000	5.85	74.86
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.834	0.542	0.000	3.09	50.10
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.834	0.542	0.000	3.09	50.10
99.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.70	1.39	3.834	0.542	0.000	5.87	74.87
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.845	0.546	0.000	3.10	50.13
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.845	0.546	0.000	3.10	50.13
100.0	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.70	1.39	3.845	0.546	0.000	5.89	74.89
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.856	0.338	0.000	3.11	50.17
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.856	0.338	0.000	3.11	50.17
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.867	0.340	0.000	3.12	50.21
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.867	0.340	0.000	3.12	50.21
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.878	0.343	0.000	3.13	50.25
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.878	0.343	0.000	3.13	50.25
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.889	0.345	0.000	3.14	50.28
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.889	0.345	0.000	3.14	50.28
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.899	0.348	0.000	3.15	50.32
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.73	3.899	0.348	0.000	3.15	50.32
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.910	0.350	0.000	3.16	50.36
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.910	0.350	0.000	3.16	50.36
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.920	0.353	0.000	3.17	50.39
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.920	0.353	0.000	3.17	50.39
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.931	0.355	0.000	3.18	50.43
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.931	0.355	0.000	3.18	50.43

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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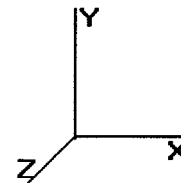
Load Case: 1.2D + 1.0DI + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.941	0.358	0.000	3.19	50.46
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.941	0.358	0.000	3.19	50.46
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.952	0.360	0.000	3.20	50.50
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.61	0.74	3.952	0.360	0.000	3.20	50.50
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.61	0.00	3.962	0.182	1.245	0.00	50.53
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.61	0.00	3.972	0.183	1.249	0.00	50.57
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.61	0.00	3.982	0.184	1.253	0.00	50.60
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.61	0.00	3.992	0.186	1.257	0.00	50.63
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.61	0.00	4.002	0.187	1.261	0.00	50.67
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.012	0.189	1.266	0.00	50.70
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.022	0.190	1.270	0.00	50.73
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.032	0.191	1.274	0.00	50.77
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.041	0.193	1.279	0.00	50.80
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.051	0.194	1.283	0.00	50.83
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.061	0.196	1.288	0.00	50.86
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.070	0.198	1.293	0.00	50.90
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.62	0.00	4.080	0.199	1.298	0.00	50.93
124.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.089	0.201	0.000	3.33	50.96
125.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.099	0.203	0.000	3.34	50.99
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.108	0.204	0.000	3.35	51.02
127.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.117	0.206	0.000	3.36	51.05
128.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.126	0.208	0.000	3.37	51.08
129.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.136	0.209	0.000	3.37	51.11
130.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.62	0.74	4.145	0.211	0.000	3.38	51.14
Totals:											1,019.11	13,227.70

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Applied Segment Forces Summary

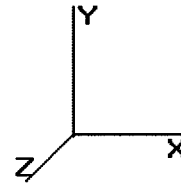
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	17.26	595.84	0.00	0.00
2.00	17.13	594.87	0.00	0.00
3.00	16.99	591.75	0.00	0.00
4.00	16.83	587.70	0.00	0.00
5.00	16.67	583.12	0.00	0.00
6.00	24.19	718.13	0.00	0.00
7.00	24.04	713.27	0.00	0.00
8.00	23.89	708.19	0.00	0.00
9.00	23.74	702.93	0.00	0.00
10.00	23.59	697.52	0.00	0.00
11.00	23.43	692.00	0.00	0.00
12.00	23.27	686.38	0.00	0.00
13.00	23.12	680.67	0.00	0.00
14.00	22.96	674.89	0.00	0.00
15.00	22.80	669.05	0.00	0.00
16.00	22.76	632.04	0.00	0.00
17.00	22.72	630.95	0.00	0.00
18.00	22.69	629.83	0.00	0.00
19.00	22.65	628.67	0.00	0.00
20.00	22.61	627.47	0.00	0.00
21.00	22.57	626.26	0.00	0.00
22.00	22.53	625.01	0.00	0.00
23.00	22.49	623.74	0.00	0.00
24.00	22.45	622.45	0.00	0.00
25.00	22.41	621.14	0.00	0.00
26.00	22.37	619.81	0.00	0.00
27.00	22.33	618.47	0.00	0.00
28.00	22.28	617.11	0.00	0.00
29.00	22.24	615.73	0.00	0.00
30.00	22.22	614.34	0.00	0.00
31.00	22.38	612.93	0.00	0.00
32.00	22.55	611.51	0.00	0.00
33.00	22.70	610.08	0.00	0.00
34.00	22.85	608.64	0.00	0.00
35.00	22.99	607.19	0.00	0.00
36.00	23.13	605.73	0.00	0.00
37.00	23.27	604.26	0.00	0.00
38.00	23.40	602.78	0.00	0.00
39.00	23.53	601.29	0.00	0.00
40.00	23.65	599.79	0.00	0.00
41.00	23.77	598.28	0.00	0.00
42.00	23.88	596.77	0.00	0.00
43.00	24.00	595.25	0.00	0.00
44.00	24.10	593.72	0.00	0.00
45.00	24.21	592.19	0.00	0.00
46.00	24.31	590.65	0.00	0.00
47.00	24.41	589.10	0.00	0.00
48.00	24.50	587.55	0.00	0.00
49.00	24.60	585.99	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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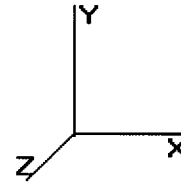
Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

50.00	24.69	584.42	0.00	0.00
51.00	24.77	582.85	0.00	0.00
52.00	24.86	581.28	0.00	0.00
53.00	24.94	579.70	0.00	0.00
54.00	25.02	578.11	0.00	0.00
55.00	25.10	576.52	0.00	0.00
56.00	25.28	547.01	0.00	0.00
57.00	25.36	545.54	0.00	0.00
58.00	25.43	544.06	0.00	0.00
59.00	25.49	542.58	0.00	0.00
60.00	25.56	541.10	0.00	0.00
61.00	25.62	539.61	0.00	0.00
62.00	25.69	538.11	0.00	0.00
63.00	25.75	536.62	0.00	0.00
64.00	25.80	535.12	0.00	0.00
65.00	25.86	533.61	0.00	0.00
66.00	25.92	532.10	0.00	0.00
67.00	25.97	530.59	0.00	0.00
68.00	26.02	529.08	0.00	0.00
69.00	26.07	527.56	0.00	0.00
70.00	26.12	526.04	0.00	0.00
71.00	26.16	524.52	0.00	0.00
72.00	26.21	522.99	0.00	0.00
73.00	26.25	521.46	0.00	0.00
74.00	26.29	519.93	0.00	0.00
75.00	32.76	533.42	0.00	0.00
76.00	26.37	455.19	0.00	0.00
77.00	26.40	453.91	0.00	0.00
78.00	26.44	452.62	0.00	0.00
79.00	26.47	451.34	0.00	0.00
80.00	31.98	524.58	0.00	0.00
81.00	32.03	523.30	0.00	0.00
82.00	32.09	522.03	0.00	0.00
83.00	32.14	520.76	0.00	0.00
84.00	32.19	519.48	0.00	0.00
84.11	3.53	57.02	0.00	0.00
85.00	28.69	505.79	0.00	0.00
86.00	23.39	381.37	0.00	0.00
87.00	23.41	380.68	0.00	0.00
88.00	23.43	379.99	0.00	0.00
89.00	23.44	379.29	0.00	0.00
90.00	23.46	378.60	0.00	0.00
91.00	23.47	377.90	0.00	0.00
92.00	23.48	377.19	0.00	0.00
93.00	23.49	376.49	0.00	0.00
94.00	23.50	375.78	0.00	0.00
95.00	23.51	375.07	0.00	0.00
95.50	11.75	187.29	0.00	0.00
96.00	11.75	162.07	0.00	0.00
97.00	23.53	323.55	0.00	0.00
98.00	23.54	322.84	0.00	0.00
99.00	23.54	322.12	0.00	0.00
100.0	23.55	321.40	0.00	0.00
101.0	17.64	245.77	0.00	0.00
102.0	17.63	245.03	0.00	0.00
103.0	17.61	244.29	0.00	0.00
104.0	17.59	243.55	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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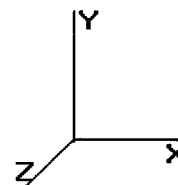
Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

105.0	17.57	242.80	0.00	0.00
106.0	17.55	242.05	0.00	0.00
107.0	17.53	241.31	0.00	0.00
108.0	17.51	240.56	0.00	0.00
109.0	17.49	239.80	0.00	0.00
110.0	313.22	3,751.66	0.00	0.00
111.0	11.03	170.74	0.00	0.00
112.0	10.99	170.09	0.00	0.00
113.0	10.95	169.44	0.00	0.00
114.0	10.90	168.80	0.00	0.00
115.0	10.86	168.15	0.00	0.00
116.0	10.82	167.49	0.00	0.00
117.0	10.77	166.84	0.00	0.00
118.0	10.73	166.19	0.00	0.00
119.0	10.68	165.53	0.00	0.00
120.0	10.64	164.88	0.00	0.00
121.0	10.59	164.22	0.00	0.00
122.0	10.55	163.56	0.00	0.00
123.0	10.50	162.90	0.00	0.00
124.0	13.78	162.24	0.00	0.00
125.0	13.75	161.58	0.00	0.00
126.0	13.71	160.92	0.00	0.00
127.0	13.67	160.26	0.00	0.00
128.0	13.63	159.59	0.00	0.00
129.0	13.59	158.93	0.00	0.00
130.0	453.72	4,840.31	0.00	388.74
131.0	10.11	106.42	0.00	0.00
132.0	10.06	105.72	0.00	0.00
133.0	10.01	105.03	0.00	0.00
134.0	9.96	104.33	0.00	0.00
135.0	9.90	103.63	0.00	0.00
136.0	9.85	102.92	0.00	0.00
137.0	9.80	102.22	0.00	0.00
138.0	9.74	101.52	0.00	0.00
139.0	9.69	100.82	0.00	0.00
140.0	366.17	4,090.87	0.00	433.48
141.0	9.58	89.90	0.00	0.00
142.0	9.53	89.20	0.00	0.00
143.0	9.47	88.49	0.00	0.00
144.0	9.42	87.79	0.00	0.00
145.0	9.36	87.08	0.00	0.00
146.0	9.30	86.37	0.00	0.00
147.0	9.25	85.66	0.00	0.00
148.0	9.19	84.95	0.00	0.00
149.0	9.13	84.24	0.00	0.00
150.0	311.18	3,927.50	0.00	302.10
Totals:	4,426.91	78,848.76	0.00	1,124.33

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
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Code: ANSI/TIA-222 Rev G
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 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi 40.00 mph with 0.75 in Radial Ice

27 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
 Ice Importance Factor : 1.00

Calculated Forces

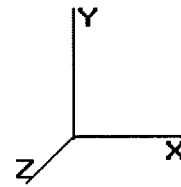
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-78.85	-4.43	0.00	-407.17	0.00	407.17	5,589.22	2,794.61	12,188.1	6,019.28	0.00	0.00	0.082
1.00	-78.25	-4.41	0.00	-402.75	0.00	402.75	5,529.59	2,764.80	11,927.7	5,890.65	0.00	0.00	0.083
2.00	-77.66	-4.40	0.00	-398.34	0.00	398.34	5,469.96	2,734.98	11,670.0	5,763.42	0.00	-0.01	0.083
3.00	-77.07	-4.38	0.00	-393.94	0.00	393.94	5,410.34	2,705.17	11,415.2	5,637.57	0.00	-0.01	0.084
4.00	-76.48	-4.37	0.00	-389.56	0.00	389.56	5,350.71	2,675.36	11,163.2	5,513.11	0.00	-0.01	0.085
5.00	-75.89	-4.36	0.00	-385.19	0.00	385.19	5,291.09	2,645.54	10,914.0	5,390.04	0.01	-0.01	0.086
6.00	-75.18	-4.34	0.00	-380.83	0.00	380.83	5,231.46	2,615.73	10,667.6	5,268.37	0.01	-0.02	0.087
7.00	-74.46	-4.32	0.00	-376.49	0.00	376.49	5,171.84	2,585.92	10,424.1	5,148.08	0.01	-0.02	0.088
8.00	-73.75	-4.30	0.00	-372.18	0.00	372.18	5,112.21	2,556.11	10,183.3	5,029.18	0.02	-0.02	0.088
9.00	-73.05	-4.28	0.00	-367.88	0.00	367.88	5,052.58	2,526.29	9,945.41	4,911.66	0.02	-0.02	0.089
10.00	-72.35	-4.26	0.00	-363.60	0.00	363.60	4,992.96	2,496.48	9,710.28	4,795.54	0.03	-0.03	0.090
11.00	-71.66	-4.24	0.00	-359.35	0.00	359.35	4,933.33	2,466.67	9,477.97	4,680.81	0.03	-0.03	0.091
12.00	-70.97	-4.22	0.00	-355.11	0.00	355.11	4,873.71	2,436.85	9,248.46	4,567.47	0.04	-0.03	0.092
13.00	-70.29	-4.20	0.00	-350.90	0.00	350.90	4,814.08	2,407.04	9,021.78	4,455.52	0.05	-0.04	0.093
14.00	-69.62	-4.18	0.00	-346.70	0.00	346.70	4,754.46	2,377.23	8,797.90	4,344.95	0.06	-0.04	0.094
15.00	-68.95	-4.16	0.00	-342.52	0.00	342.52	4,694.83	2,347.42	8,576.84	4,235.78	0.07	-0.04	0.096
16.00	-68.32	-4.14	0.00	-338.36	0.00	338.36	4,635.21	2,317.61	8,357.73	4,127.61	0.07	-0.04	0.099
17.00	-67.69	-4.12	0.00	-334.22	0.00	334.22	4,575.58	2,287.80	8,138.62	4,019.44	0.08	-0.05	0.098
18.00	-67.06	-4.10	0.00	-330.10	0.00	330.10	4,515.95	2,257.99	7,919.51	3,911.25	0.09	-0.05	0.098
19.00	-66.43	-4.08	0.00	-326.00	0.00	326.00	4,456.32	2,228.18	7,700.40	3,803.06	0.10	-0.05	0.097
20.00	-65.80	-4.06	0.00	-321.92	0.00	321.92	4,396.69	2,198.37	7,481.30	3,694.87	0.11	-0.06	0.097
21.00	-65.17	-4.05	0.00	-317.86	0.00	317.86	4,337.06	2,168.56	7,262.19	3,586.68	0.12	-0.06	0.096
22.00	-64.55	-4.03	0.00	-313.81	0.00	313.81	4,277.43	2,138.75	7,043.08	3,478.49	0.13	-0.07	0.096
23.00	-63.92	-4.01	0.00	-309.78	0.00	309.78	4,217.80	2,108.94	6,823.97	3,370.30	0.15	-0.07	0.095
24.00	-63.30	-3.99	0.00	-305.78	0.00	305.78	4,158.17	2,079.13	6,604.86	3,262.11	0.16	-0.07	0.095
25.00	-62.68	-3.97	0.00	-301.79	0.00	301.79	4,098.54	2,049.32	6,385.75	3,153.92	0.18	-0.08	0.094
26.00	-62.06	-3.95	0.00	-297.82	0.00	297.82	4,038.91	2,019.51	6,166.64	3,045.73	0.20	-0.08	0.093
27.00	-61.44	-3.93	0.00	-293.87	0.00	293.87	4,000.00	2,000.00	6,000.00	3,000.00	0.21	-0.08	0.093
28.00	-60.82	-3.91	0.00	-289.94	0.00	289.94	4,000.00	2,000.00	6,000.00	3,000.00	0.23	-0.09	0.092
29.00	-60.21	-3.89	0.00	-286.03	0.00	286.03	4,000.00	2,000.00	6,000.00	3,000.00	0.25	-0.09	0.092
30.00	-59.59	-3.87	0.00	-282.14	0.00	282.14	4,000.00	2,000.00	6,000.00	3,000.00	0.27	-0.10	0.091
31.00	-58.98	-3.85	0.00	-278.27	0.00	278.27	4,000.00	2,000.00	6,000.00	3,000.00	0.29	-0.10	0.091
32.00	-58.37	-3.83	0.00	-274.42	0.00	274.42	4,000.00	2,000.00	6,000.00	3,000.00	0.31	-0.10	0.090
33.00	-57.76	-3.81	0.00	-270.59	0.00	270.59	4,000.00	2,000.00	6,000.00	3,000.00	0.33	-0.11	0.089
34.00	-57.15	-3.79	0.00	-266.77	0.00	266.77	4,000.00	2,000.00	6,000.00	3,000.00	0.36	-0.11	0.089
35.00	-56.54	-3.77	0.00	-262.98	0.00	262.98	4,000.00	2,000.00	6,000.00	3,000.00	0.38	-0.11	0.089
36.00	-55.94	-3.75	0.00	-259.21	0.00	259.21	4,000.00	2,000.00	6,000.00	3,000.00	0.41	-0.12	0.088
37.00	-55.33	-3.73	0.00	-255.46	0.00	255.46	4,000.00	2,000.00	6,000.00	3,000.00	0.43	-0.12	0.087
38.00	-54.73	-3.71	0.00	-251.73	0.00	251.73	4,000.00	2,000.00	6,000.00	3,000.00	0.46	-0.13	0.087
39.00	-54.13	-3.69	0.00	-248.02	0.00	248.02	4,000.00	2,000.00	6,000.00	3,000.00	0.48	-0.13	0.086
40.00	-53.53	-3.66	0.00	-244.34	0.00	244.34	4,000.00	2,000.00	6,000.00	3,000.00	0.51	-0.13	0.086
41.00	-52.93	-3.64	0.00	-240.67	0.00	240.67	4,000.00	2,000.00	6,000.00	3,000.00	0.54	-0.14	0.085
42.00	-52.33	-3.62	0.00	-237.03	0.00	237.03	4,000.00	2,000.00	6,000.00	3,000.00	0.57	-0.14	0.084
43.00	-51.74	-3.60	0.00	-233.41	0.00	233.41	4,000.00	2,000.00	6,000.00	3,000.00	0.60	-0.14	0.084
44.00	-51.14	-3.58	0.00	-229.81	0.00	229.81	4,000.00	2,000.00	6,000.00	3,000.00	0.63	-0.15	0.083
45.00	-50.55	-3.55	0.00	-226.24	0.00	226.24	4,000.00	2,000.00	6,000.00	3,000.00	0.66	-0.15	0.083
46.00	-49.96	-3.53	0.00	-222.68	0.00	222.68	4,000.00	2,000.00	6,000.00	3,000.00	0.69	-0.15	0.082
47.00	-49.37	-3.51	0.00	-219.15	0.00	219.15	4,000.00	2,000.00	6,000.00	3,000.00	0.72	-0.16	0.081
48.00	-48.78	-3.48	0.00	-215.65	0.00	215.65	4,000.00	2,000.00	6,000.00	3,000.00	0.76	-0.16	0.081
49.00	-48.20	-3.46	0.00	-212.16	0.00	212.16	4,000.00	2,000.00	6,000.00	3,000.00	0.79	-0.16	0.080
							3,964.99	1,982.50	6,386.39	3,154.00	0.83	-0.17	0.079

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi

40.00 mph with 0.75 in Radial Ice

27 Iterations

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

Ice Dead Load Factor : 1.00

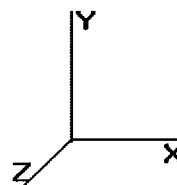
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

50.00	-47.61	-3.44	0.00	-208.70	0.00	208.70	3,948.63	1,974.32	6,333.36	3,127.81	0.86	-0.17	0.079
51.00	-47.03	-3.41	0.00	-205.26	0.00	205.26	3,932.27	1,966.14	6,280.54	3,101.72	0.90	-0.17	0.078
52.00	-46.45	-3.39	0.00	-201.85	0.00	201.85	3,915.92	1,957.96	6,227.94	3,075.75	0.94	-0.18	0.077
53.00	-45.87	-3.37	0.00	-198.46	0.00	198.46	3,899.56	1,949.78	6,175.57	3,049.88	0.97	-0.18	0.077
54.00	-45.29	-3.34	0.00	-195.10	0.00	195.10	3,883.20	1,941.60	6,123.42	3,024.13	1.01	-0.19	0.076
55.00	-44.71	-3.32	0.00	-191.75	0.00	191.75	3,866.84	1,933.42	6,071.48	2,998.48	1.05	-0.19	0.076
55.00	-44.71	-3.32	0.00	-191.75	0.00	191.75	3,220.97	1,610.49	5,114.03	2,525.63	1.05	-0.19	0.090
56.00	-44.16	-3.29	0.00	-188.44	0.00	188.44	3,207.40	1,603.70	5,070.70	2,504.23	1.09	-0.19	0.089
57.00	-43.62	-3.27	0.00	-185.14	0.00	185.14	3,193.84	1,596.92	5,027.55	2,482.92	1.13	-0.20	0.088
58.00	-43.08	-3.24	0.00	-181.88	0.00	181.88	3,180.27	1,590.13	4,984.58	2,461.70	1.17	-0.20	0.087
59.00	-42.53	-3.22	0.00	-178.63	0.00	178.63	3,166.70	1,583.35	4,941.80	2,440.57	1.21	-0.20	0.087
60.00	-41.99	-3.19	0.00	-175.41	0.00	175.41	3,153.13	1,576.57	4,899.21	2,419.54	1.26	-0.21	0.086
61.00	-41.45	-3.17	0.00	-172.22	0.00	172.22	3,139.57	1,569.78	4,856.80	2,398.59	1.30	-0.21	0.085
62.00	-40.91	-3.14	0.00	-169.05	0.00	169.05	3,126.00	1,563.00	4,814.57	2,377.74	1.35	-0.21	0.084
63.00	-40.38	-3.12	0.00	-165.91	0.00	165.91	3,112.43	1,556.21	4,772.53	2,356.97	1.39	-0.22	0.083
64.00	-39.84	-3.09	0.00	-162.79	0.00	162.79	3,098.86	1,549.43	4,730.67	2,336.30	1.44	-0.22	0.083
65.00	-39.31	-3.07	0.00	-159.70	0.00	159.70	3,085.29	1,542.65	4,689.00	2,315.72	1.48	-0.22	0.082
66.00	-38.78	-3.04	0.00	-156.63	0.00	156.63	3,071.73	1,535.86	4,647.51	2,295.23	1.53	-0.23	0.081
67.00	-38.24	-3.02	0.00	-153.59	0.00	153.59	3,058.16	1,529.08	4,606.20	2,274.83	1.58	-0.23	0.080
68.00	-37.72	-2.99	0.00	-150.57	0.00	150.57	3,044.59	1,522.30	4,565.08	2,254.52	1.63	-0.23	0.079
69.00	-37.19	-2.96	0.00	-147.58	0.00	147.58	3,031.02	1,515.51	4,524.15	2,234.31	1.68	-0.24	0.078
70.00	-36.66	-2.94	0.00	-144.62	0.00	144.62	3,017.46	1,508.73	4,483.40	2,214.18	1.73	-0.24	0.077
71.00	-36.14	-2.91	0.00	-141.68	0.00	141.68	3,003.89	1,501.94	4,442.83	2,194.15	1.78	-0.24	0.077
72.00	-35.61	-2.89	0.00	-138.77	0.00	138.77	2,990.32	1,495.16	4,402.45	2,174.20	1.83	-0.25	0.076
73.00	-35.09	-2.86	0.00	-135.88	0.00	135.88	2,976.75	1,488.38	4,362.25	2,154.35	1.88	-0.25	0.075
74.00	-34.57	-2.83	0.00	-133.03	0.00	133.03	2,963.19	1,481.59	4,322.24	2,134.59	1.93	-0.25	0.074
75.00	-34.04	-2.80	0.00	-130.19	0.00	130.19	2,949.62	1,474.81	4,282.41	2,114.92	1.99	-0.26	0.073
75.00	-34.04	-2.80	0.00	-130.19	0.00	130.19	2,628.21	1,314.11	3,842.67	1,897.75	1.99	-0.26	0.082
76.00	-33.58	-2.77	0.00	-127.39	0.00	127.39	2,616.17	1,308.08	3,807.28	1,880.27	2.04	-0.26	0.081
77.00	-33.13	-2.75	0.00	-124.62	0.00	124.62	2,604.12	1,302.06	3,772.05	1,862.87	2.10	-0.26	0.080
78.00	-32.68	-2.72	0.00	-121.88	0.00	121.88	2,592.07	1,296.04	3,736.99	1,845.56	2.15	-0.27	0.079
79.00	-32.23	-2.69	0.00	-119.16	0.00	119.16	2,580.03	1,290.01	3,702.09	1,828.32	2.21	-0.27	0.078
80.00	-31.70	-2.66	0.00	-116.46	0.00	116.46	2,567.98	1,283.99	3,667.36	1,811.17	2.26	-0.28	0.077
81.00	-31.18	-2.63	0.00	-113.80	0.00	113.80	2,555.93	1,277.97	3,632.78	1,794.10	2.32	-0.28	0.076
82.00	-30.66	-2.60	0.00	-111.17	0.00	111.17	2,543.88	1,271.94	3,598.38	1,777.10	2.38	-0.28	0.075
83.00	-30.14	-2.56	0.00	-108.58	0.00	108.58	2,531.84	1,265.92	3,564.13	1,760.19	2.44	-0.29	0.074
84.00	-29.62	-2.53	0.00	-106.01	0.00	106.01	2,519.79	1,259.89	3,530.05	1,743.36	2.50	-0.29	0.073
84.11	-29.56	-2.53	0.00	-105.74	0.00	105.74	2,518.47	1,259.23	3,526.32	1,741.52	2.51	-0.29	0.072
85.00	-29.05	-2.50	0.00	-103.49	0.00	103.49	2,507.74	1,253.87	3,496.14	1,726.61	2.56	-0.29	0.047
85.00	-29.05	-2.50	0.00	-103.49	0.00	103.49	1,414.25	707.13	1,455.35	718.74	2.56	-0.29	0.048
86.00	-28.67	-2.47	0.00	-100.99	0.00	100.99	1,408.59	704.29	1,440.18	711.25	2.63	-0.30	0.059
87.00	-28.29	-2.45	0.00	-98.52	0.00	98.52	1,402.88	701.44	1,425.06	703.78	2.69	-0.30	0.058
88.00	-27.91	-2.43	0.00	-96.07	0.00	96.07	1,397.13	698.56	1,409.96	696.33	2.75	-0.31	0.057
89.00	-27.53	-2.41	0.00	-93.64	0.00	93.64	1,391.33	695.67	1,394.89	688.89	2.82	-0.31	0.056
90.00	-27.15	-2.38	0.00	-91.23	0.00	91.23	1,385.49	692.75	1,379.86	681.46	2.88	-0.32	0.055
91.00	-26.77	-2.36	0.00	-88.85	0.00	88.85	1,379.61	689.81	1,364.87	674.06	2.95	-0.33	0.053
92.00	-26.40	-2.34	0.00	-86.49	0.00	86.49	1,373.69	686.84	1,349.91	666.67	3.02	-0.33	0.052
93.00	-26.02	-2.31	0.00	-84.15	0.00	84.15	1,367.72	683.86	1,334.99	659.30	3.09	-0.34	0.051
94.00	-25.65	-2.29	0.00	-81.84	0.00	81.84	1,361.71	680.85	1,320.10	651.95	3.16	-0.34	0.050
95.00	-25.27	-2.27	0.00	-79.55	0.00	79.55	1,355.66	677.83	1,305.26	644.62	3.23	-0.35	0.049
95.50	-25.08	-2.26	0.00	-78.41	0.00	78.41	1,352.61	676.31	1,297.85	640.96	3.27	-0.35	0.048
95.50	-25.08	-2.26	0.00	-78.41	0.00	78.41	1,352.61	676.31	1,297.85	640.96	3.27	-0.35	0.141
96.00	-24.92	-2.25	0.00	-77.29	0.00	77.29	1,349.56	674.78	1,290.45	637.30	3.31	-0.35	0.140
97.00	-24.60	-2.23	0.00	-75.04	0.00	75.04	1,343.42	671.71	1,275.68	630.01	3.38	-0.37	0.137
98.00	-24.27	-2.21	0.00	-72.81	0.00	72.81	1,337.24	668.62	1,260.95	622.74	3.46	-0.39	0.135
99.00	-23.95	-2.19	0.00	-70.60	0.00	70.60	1,331.01	665.51	1,246.27	615.49	3.55	-0.40	0.133
100.00	-23.63	-2.17	0.00	-68.41	0.00	68.41	1,324.75	662.37	1,231.63	608.25	3.63	-0.42	0.130

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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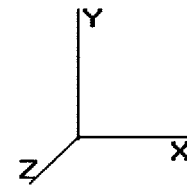
Load Case: 1.2D + 1.0Di + 1.0Wi	40.00 mph with 0.75 in Radial Ice	27 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

101.00	-23.38	-2.16	0.00	-66.24	0.00	66.24	1,318.44	659.22	1,217.03	601.04	3.72	-0.44	0.128
102.00	-23.14	-2.15	0.00	-64.08	0.00	64.08	1,312.08	656.04	1,202.47	593.86	3.81	-0.45	0.126
103.00	-22.89	-2.13	0.00	-61.94	0.00	61.94	1,305.69	652.84	1,187.96	586.69	3.91	-0.47	0.123
104.00	-22.65	-2.12	0.00	-59.80	0.00	59.80	1,299.25	649.62	1,173.50	579.55	4.01	-0.48	0.121
105.00	-22.40	-2.11	0.00	-57.69	0.00	57.69	1,293.29	646.65	1,159.56	572.66	4.11	-0.50	0.118
106.00	-22.16	-2.09	0.00	-55.58	0.00	55.58	1,283.85	641.92	1,142.58	564.28	4.22	-0.51	0.116
107.00	-21.92	-2.08	0.00	-53.49	0.00	53.49	1,274.40	637.20	1,125.74	555.96	4.33	-0.53	0.113
108.00	-21.68	-2.06	0.00	-51.41	0.00	51.41	1,264.95	632.48	1,109.01	547.70	4.44	-0.54	0.111
109.00	-21.44	-2.05	0.00	-49.35	0.00	49.35	1,255.51	627.75	1,092.42	539.50	4.56	-0.56	0.109
110.00	-17.69	-1.70	0.00	-47.30	0.00	47.30	1,246.06	623.03	1,075.94	531.37	4.67	-0.57	0.103
110.00	-17.69	-1.70	0.00	-47.30	0.00	47.30	852.83	426.42	740.79	365.85	4.67	-0.57	0.150
111.00	-17.52	-1.70	0.00	-45.60	0.00	45.60	849.27	424.64	732.18	361.60	4.79	-0.59	0.147
112.00	-17.35	-1.69	0.00	-43.90	0.00	43.90	845.67	422.84	723.58	357.35	4.92	-0.60	0.143
113.00	-17.18	-1.68	0.00	-42.22	0.00	42.22	842.03	421.01	714.99	353.11	5.05	-0.62	0.140
114.00	-17.01	-1.67	0.00	-40.53	0.00	40.53	838.34	419.17	706.41	348.87	5.18	-0.64	0.136
115.00	-16.84	-1.67	0.00	-38.86	0.00	38.86	834.62	417.31	697.84	344.64	5.32	-0.66	0.133
116.00	-16.67	-1.66	0.00	-37.20	0.00	37.20	830.85	415.43	689.29	340.42	5.45	-0.67	0.129
117.00	-16.51	-1.65	0.00	-35.54	0.00	35.54	827.04	413.52	680.76	336.20	5.60	-0.69	0.126
118.00	-16.34	-1.64	0.00	-33.89	0.00	33.89	823.19	411.60	672.24	331.99	5.74	-0.71	0.122
119.00	-16.17	-1.63	0.00	-32.25	0.00	32.25	819.30	409.65	663.73	327.79	5.89	-0.72	0.118
120.00	-16.01	-1.62	0.00	-30.62	0.00	30.62	815.37	407.68	655.25	323.60	6.05	-0.74	0.114
121.00	-15.84	-1.62	0.00	-28.99	0.00	28.99	811.40	405.70	646.78	319.42	6.20	-0.75	0.110
122.00	-15.68	-1.61	0.00	-27.38	0.00	27.38	807.38	403.69	638.33	315.25	6.36	-0.77	0.106
123.00	-15.52	-1.60	0.00	-25.77	0.00	25.77	803.32	401.66	629.90	311.09	6.52	-0.78	0.102
124.00	-15.36	-1.59	0.00	-24.17	0.00	24.17	799.23	399.61	621.49	306.93	6.69	-0.79	0.098
125.00	-15.19	-1.57	0.00	-22.59	0.00	22.59	795.09	397.54	613.11	302.79	6.85	-0.81	0.094
126.00	-15.03	-1.56	0.00	-21.02	0.00	21.02	790.91	395.45	604.74	298.66	7.02	-0.82	0.089
127.00	-14.87	-1.55	0.00	-19.46	0.00	19.46	786.69	393.34	596.40	294.54	7.20	-0.83	0.085
128.00	-14.71	-1.53	0.00	-17.91	0.00	17.91	782.42	391.21	588.08	290.43	7.37	-0.84	0.080
129.00	-14.55	-1.52	0.00	-16.38	0.00	16.38	778.12	389.06	579.79	286.34	7.55	-0.85	0.076
130.00	-9.72	-1.00	0.00	-14.47	0.00	14.47	773.77	386.89	571.52	282.25	7.73	-0.86	0.064
131.00	-9.61	-0.99	0.00	-13.47	0.00	13.47	769.39	384.69	563.28	278.18	7.91	-0.87	0.061
132.00	-9.51	-0.98	0.00	-12.48	0.00	12.48	764.96	382.48	555.06	274.13	8.09	-0.88	0.058
133.00	-9.40	-0.97	0.00	-11.51	0.00	11.51	760.49	380.24	546.88	270.08	8.28	-0.89	0.055
134.00	-9.30	-0.96	0.00	-10.54	0.00	10.54	755.98	377.99	538.72	266.05	8.46	-0.89	0.052
135.00	-9.20	-0.94	0.00	-9.59	0.00	9.59	751.42	375.71	530.59	262.04	8.65	-0.90	0.049
136.00	-9.09	-0.93	0.00	-8.64	0.00	8.64	746.83	373.41	522.49	258.04	8.84	-0.91	0.046
137.00	-8.99	-0.92	0.00	-7.71	0.00	7.71	742.19	371.10	514.42	254.05	9.03	-0.91	0.042
138.00	-8.89	-0.91	0.00	-6.79	0.00	6.79	737.52	368.76	506.39	250.09	9.22	-0.92	0.039
139.00	-8.79	-0.90	0.00	-5.87	0.00	5.87	732.80	366.40	498.39	246.13	9.42	-0.92	0.036
140.00	-4.70	-0.47	0.00	-4.54	0.00	4.54	728.04	364.02	490.42	242.20	9.61	-0.93	0.025
141.00	-4.61	-0.46	0.00	-4.06	0.00	4.06	721.77	360.89	481.50	237.80	9.81	-0.93	0.023
142.00	-4.53	-0.45	0.00	-3.60	0.00	3.60	714.82	357.41	472.22	233.21	10.00	-0.94	0.022
143.00	-4.44	-0.44	0.00	-3.15	0.00	3.15	707.87	353.93	463.02	228.67	10.20	-0.94	0.020
144.00	-4.35	-0.43	0.00	-2.72	0.00	2.72	700.91	350.46	453.92	224.17	10.40	-0.94	0.018
145.00	-4.26	-0.42	0.00	-2.29	0.00	2.29	693.96	346.98	444.90	219.72	10.59	-0.94	0.017
146.00	-4.18	-0.41	0.00	-1.87	0.00	1.87	687.01	343.50	435.98	215.31	10.79	-0.95	0.015
147.00	-4.09	-0.40	0.00	-1.46	0.00	1.46	680.05	340.03	427.15	210.95	10.99	-0.95	0.013
148.00	-4.01	-0.39	0.00	-1.06	0.00	1.06	673.10	336.55	418.40	206.63	11.19	-0.95	0.011
149.00	-3.92	-0.38	0.00	-0.68	0.00	0.68	666.15	333.07	409.75	202.36	11.39	-0.95	0.009
150.00	0.00	-0.31	0.00	-0.30	0.00	0.30	659.19	329.60	401.19	198.13	11.59	-0.95	0.002

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

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

Wind Importance Factor : 1.00

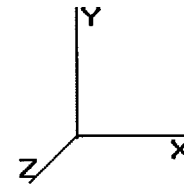
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	233.43	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	6.129	6.742	230.97	1.000	0.000	1.00	4.626	4.63	31.2	0.0	434.4
2.00		1.00	0.70	6.129	6.742	228.52	1.000	0.000	1.00	4.577	4.58	30.9	0.0	429.8
3.00		1.00	0.70	6.129	6.742	226.06	1.000	0.000	1.00	4.528	4.53	30.5	0.0	425.1
4.00		1.00	0.70	6.129	6.742	223.61	1.000	0.000	1.00	4.479	4.48	30.2	0.0	420.5
5.00		1.00	0.70	6.129	6.742	221.15	1.000	0.000	1.00	4.430	4.43	29.9	0.0	415.8
6.00		1.00	0.70	6.129	6.742	218.69	1.200	* 0.000	1.00	4.381	5.26	35.4	0.0	411.1
7.00		1.00	0.70	6.129	6.742	216.24	1.200	* 0.000	1.00	4.332	5.20	35.0	0.0	406.5
8.00		1.00	0.70	6.129	6.742	213.78	1.200	* 0.000	1.00	4.283	5.14	34.7	0.0	401.8
9.00		1.00	0.70	6.129	6.742	211.33	1.200	* 0.000	1.00	4.234	5.08	34.3	0.0	397.2
10.00		1.00	0.70	6.129	6.742	208.87	1.200	* 0.000	1.00	4.185	5.02	33.9	0.0	392.5
11.00		1.00	0.70	6.129	6.742	206.42	1.200	* 0.000	1.00	4.136	4.96	33.5	0.0	387.8
12.00		1.00	0.70	6.129	6.742	203.96	1.200	* 0.000	1.00	4.088	4.91	33.1	0.0	383.2
13.00		1.00	0.70	6.129	6.742	201.51	1.200	* 0.000	1.00	4.039	4.85	32.7	0.0	378.5
14.00		1.00	0.70	6.129	6.742	199.05	1.200	* 0.000	1.00	3.990	4.79	32.3	0.0	373.9
15.00	Top - Section 1	1.00	0.70	6.129	6.742	196.59	1.200	* 0.000	1.00	3.941	4.73	31.9	0.0	369.2
16.00		1.00	0.70	6.129	6.742	196.78	1.200	* 0.000	1.00	3.927	4.71	31.8	0.0	337.7
17.00		1.00	0.70	6.129	6.742	196.07	1.200	* 0.000	1.00	3.913	4.70	31.7	0.0	336.5
18.00		1.00	0.70	6.129	6.742	195.37	1.200	* 0.000	1.00	3.899	4.68	31.5	0.0	335.3
19.00		1.00	0.70	6.129	6.742	194.67	1.200	* 0.000	1.00	3.885	4.66	31.4	0.0	334.0
20.00		1.00	0.70	6.129	6.742	193.96	1.200	* 0.000	1.00	3.871	4.65	31.3	0.0	332.8
21.00		1.00	0.70	6.129	6.742	193.26	1.200	* 0.000	1.00	3.857	4.63	31.2	0.0	331.6
22.00		1.00	0.70	6.129	6.742	192.56	1.200	* 0.000	1.00	3.843	4.61	31.1	0.0	330.4
23.00		1.00	0.70	6.129	6.742	191.85	1.200	* 0.000	1.00	3.829	4.59	31.0	0.0	329.1
24.00		1.00	0.70	6.129	6.742	191.15	1.200	* 0.000	1.00	3.815	4.58	30.9	0.0	327.9
25.00		1.00	0.70	6.129	6.742	190.44	1.200	* 0.000	1.00	3.801	4.56	30.7	0.0	326.7
26.00		1.00	0.70	6.129	6.742	189.74	1.200	* 0.000	1.00	3.787	4.54	30.6	0.0	325.5
27.00		1.00	0.70	6.129	6.742	189.04	1.200	* 0.000	1.00	3.773	4.53	30.5	0.0	324.2
28.00		1.00	0.70	6.129	6.742	188.33	1.200	* 0.000	1.00	3.759	4.51	30.4	0.0	323.0
29.00		1.00	0.70	6.129	6.742	187.63	1.200	* 0.000	1.00	3.745	4.49	30.3	0.0	321.8
30.00		1.00	0.70	6.134	6.747	187.00	1.200	* 0.000	1.00	3.731	4.48	30.2	0.0	320.6
31.00		1.00	0.70	6.192	6.811	187.18	1.200	* 0.000	1.00	3.717	4.46	30.4	0.0	319.3
32.00		1.00	0.71	6.248	6.873	187.32	1.200	* 0.000	1.00	3.703	4.44	30.5	0.0	318.1
33.00		1.00	0.72	6.303	6.933	187.43	1.200	* 0.000	1.00	3.689	4.43	30.7	0.0	316.9
34.00		1.00	0.72	6.357	6.993	187.51	1.200	* 0.000	1.00	3.675	4.41	30.8	0.0	315.7
35.00		1.00	0.73	6.410	7.051	187.57	1.200	* 0.000	1.00	3.661	4.39	31.0	0.0	314.4
36.00		1.00	0.73	6.462	7.108	187.60	1.200	* 0.000	1.00	3.647	4.38	31.1	0.0	313.2
37.00		1.00	0.74	6.513	7.164	187.61	1.200	* 0.000	1.00	3.633	4.36	31.2	0.0	312.0
38.00		1.00	0.75	6.562	7.219	187.60	1.200	* 0.000	1.00	3.619	4.34	31.3	0.0	310.8
39.00		1.00	0.75	6.611	7.272	187.57	1.200	* 0.000	1.00	3.605	4.33	31.5	0.0	309.6
40.00		1.00	0.76	6.659	7.325	187.51	1.200	* 0.000	1.00	3.591	4.31	31.6	0.0	308.3
41.00		1.00	0.76	6.706	7.377	187.44	1.200	* 0.000	1.00	3.577	4.29	31.7	0.0	307.1
42.00		1.00	0.77	6.753	7.428	187.35	1.200	* 0.000	1.00	3.563	4.28	31.8	0.0	305.9
43.00		1.00	0.77	6.798	7.478	187.24	1.200	* 0.000	1.00	3.548	4.26	31.8	0.0	304.7
44.00		1.00	0.78	6.843	7.527	187.11	1.200	* 0.000	1.00	3.534	4.24	31.9	0.0	303.4
45.00		1.00	0.78	6.887	7.576	186.97	1.200	* 0.000	1.00	3.520	4.22	32.0	0.0	302.2
46.00		1.00	0.79	6.931	7.624	186.81	1.200	* 0.000	1.00	3.506	4.21	32.1	0.0	301.0
47.00		1.00	0.79	6.973	7.671	186.63	1.200	* 0.000	1.00	3.492	4.19	32.1	0.0	299.8
48.00		1.00	0.80	7.015	7.717	186.44	1.200	* 0.000	1.00	3.478	4.17	32.2	0.0	298.5
49.00		1.00	0.80	7.057	7.763	186.23	1.200	* 0.000	1.00	3.464	4.16	32.3	0.0	297.3
50.00		1.00	0.81	7.098	7.807	186.01	1.200	* 0.000	1.00	3.450	4.14	32.3	0.0	296.1

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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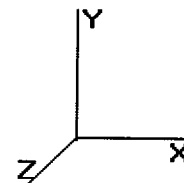
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Load Case: 1.0D + 1.0W		60.00 mph Serviceability										28 Iterations		
Gust Response Factor : 1.10												Wind Importance Factor : 1.00		
Dead Load Factor : 1.00														
Wind Load Factor : 1.00														
51.00		1.00	0.81	7.138	7.852	185.78	1.200	* 0.000	1.00	3.436	4.12	32.4	0.0	294.9
52.00		1.00	0.82	7.178	7.895	185.54	1.200	* 0.000	1.00	3.422	4.11	32.4	0.0	293.6
53.00		1.00	0.82	7.217	7.939	185.28	1.200	* 0.000	1.00	3.408	4.09	32.5	0.0	292.4
54.00		1.00	0.82	7.255	7.981	185.01	1.200	* 0.000	1.00	3.394	4.07	32.5	0.0	291.2
55.00	Top - Section 2	1.00	0.83	7.294	8.023	184.73	1.200	* 0.000	1.00	3.380	4.06	32.5	0.0	290.0
56.00		1.00	0.83	7.331	8.064	185.85	1.200	* 0.000	1.00	3.392	4.07	32.8	0.0	265.0
57.00		1.00	0.84	7.368	8.105	185.54	1.200	* 0.000	1.00	3.378	4.05	32.9	0.0	263.9
58.00		1.00	0.84	7.405	8.146	185.23	1.200	* 0.000	1.00	3.364	4.04	32.9	0.0	262.7
59.00		1.00	0.85	7.441	8.186	184.90	1.200	* 0.000	1.00	3.350	4.02	32.9	0.0	261.6
60.00		1.00	0.85	7.477	8.225	184.56	1.200	* 0.000	1.00	3.336	4.00	32.9	0.0	260.5
61.00		1.00	0.85	7.513	8.264	184.22	1.200	* 0.000	1.00	3.322	3.99	32.9	0.0	259.4
62.00		1.00	0.86	7.548	8.302	183.86	1.200	* 0.000	1.00	3.308	3.97	33.0	0.0	258.3
63.00		1.00	0.86	7.582	8.340	183.50	1.200	* 0.000	1.00	3.293	3.95	33.0	0.0	257.1
64.00		1.00	0.87	7.616	8.378	183.12	1.200	* 0.000	1.00	3.279	3.94	33.0	0.0	256.0
65.00		1.00	0.87	7.650	8.415	182.74	1.200	* 0.000	1.00	3.265	3.92	33.0	0.0	254.9
66.00		1.00	0.87	7.684	8.452	182.34	1.200	* 0.000	1.00	3.251	3.90	33.0	0.0	253.8
67.00		1.00	0.88	7.717	8.488	181.94	1.200	* 0.000	1.00	3.237	3.88	33.0	0.0	252.7
68.00		1.00	0.88	7.749	8.524	181.53	1.200	* 0.000	1.00	3.223	3.87	33.0	0.0	251.6
69.00		1.00	0.88	7.782	8.560	181.11	1.200	* 0.000	1.00	3.209	3.85	33.0	0.0	250.4
70.00		1.00	0.89	7.814	8.595	180.69	1.200	* 0.000	1.00	3.195	3.83	33.0	0.0	249.3
71.00		1.00	0.89	7.846	8.630	180.25	1.200	* 0.000	1.00	3.181	3.82	32.9	0.0	248.2
72.00		1.00	0.90	7.877	8.665	179.81	1.200	* 0.000	1.00	3.167	3.80	32.9	0.0	247.1
73.00		1.00	0.90	7.908	8.699	179.36	1.200	* 0.000	1.00	3.153	3.78	32.9	0.0	246.0
74.00		1.00	0.90	7.939	8.733	178.91	1.200	* 0.000	1.00	3.138	3.77	32.9	0.0	244.8
75.00	Top - Section 3	1.00	0.91	7.969	8.766	178.44	1.200	* 0.000	1.00	3.124	3.75	32.9	0.0	243.7
76.00		1.00	0.91	8.000	8.800	177.97	1.200	* 0.000	1.00	3.110	3.73	32.8	0.0	194.8
77.00		1.00	0.91	8.030	8.833	177.50	1.200	* 0.000	1.00	3.096	3.72	32.8	0.0	193.9
78.00		1.00	0.92	8.059	8.865	177.01	1.200	* 0.000	1.00	3.082	3.70	32.8	0.0	193.0
79.00		1.00	0.92	8.089	8.897	176.52	1.200	* 0.000	1.00	3.068	3.68	32.8	0.0	192.1
80.00		1.00	0.92	8.118	8.930	176.03	1.200	* 0.000	1.00	3.054	3.66	32.7	0.0	191.2
81.00		1.00	0.93	8.147	8.961	175.52	1.200	* 0.000	1.00	3.040	3.65	32.7	0.0	190.3
82.00		1.00	0.93	8.175	8.993	175.01	1.200	* 0.000	1.00	3.026	3.63	32.7	0.0	189.4
83.00		1.00	0.93	8.204	9.024	174.50	1.200	* 0.000	1.00	3.012	3.61	32.6	0.0	188.5
84.00		1.00	0.94	8.232	9.055	173.98	1.200	* 0.000	1.00	2.998	3.60	32.6	0.0	187.6
84.11	Reinf Bottom	1.00	0.94	8.235	9.058	173.92	1.200	* 0.000	0.11	0.329	0.39	3.6	0.0	20.6
85.00	Top - Section 4	1.00	0.94	8.260	9.086	173.45	1.200	* 0.000	0.89	2.655	3.19	28.9	0.0	210.7
86.00		1.00	0.94	8.287	9.116	126.26	1.200	* 0.000	1.00	2.170	2.60	23.7	0.0	118.3
87.00		1.00	0.95	8.315	9.146	125.66	1.200	* 0.000	1.00	2.156	2.59	23.7	0.0	117.9
88.00		1.00	0.95	8.342	9.176	125.06	1.200	* 0.000	1.00	2.142	2.57	23.6	0.0	117.4
89.00		1.00	0.95	8.369	9.206	124.46	1.200	* 0.000	1.00	2.129	2.55	23.5	0.0	117.0
90.00		1.00	0.95	8.396	9.235	123.85	1.200	* 0.000	1.00	2.115	2.54	23.4	0.0	116.6
91.00		1.00	0.96	8.422	9.264	123.24	1.200	* 0.000	1.00	2.101	2.52	23.4	0.0	116.1
92.00		1.00	0.96	8.448	9.293	122.62	1.200	* 0.000	1.00	2.087	2.50	23.3	0.0	115.7
93.00		1.00	0.96	8.475	9.322	122.00	1.200	* 0.000	1.00	2.074	2.49	23.2	0.0	115.3
94.00		1.00	0.97	8.501	9.351	121.37	1.200	* 0.000	1.00	2.060	2.47	23.1	0.0	114.8
95.00		1.00	0.97	8.526	9.379	120.74	1.200	* 0.000	1.00	2.046	2.46	23.0	0.0	114.4
95.50	Reinf. Top	1.00	0.97	8.539	9.393	120.43	1.200	* 0.000	0.50	1.018	1.22	11.5	0.0	57.0
96.00		1.00	0.97	8.552	9.407	120.11	1.200	* 0.000	0.50	1.015	1.22	11.5	0.0	31.9
97.00		1.00	0.98	8.577	9.435	119.47	1.200	* 0.000	1.00	2.019	2.42	22.9	0.0	63.4
98.00		1.00	0.98	8.602	9.463	118.83	1.200	* 0.000	1.00	2.005	2.41	22.8	0.0	63.0
99.00		1.00	0.98	8.627	9.490	118.19	1.200	* 0.000	1.00	1.991	2.39	22.7	0.0	62.5
100.0		1.00	0.98	8.652	9.517	117.54	1.200	* 0.000	1.00	1.978	2.37	22.6	0.0	62.1
101.0		1.00	0.99	8.677	9.544	116.88	1.200	* 0.000	1.00	1.964	2.36	22.5	0.0	61.7
102.0		1.00	0.99	8.701	9.571	116.23	1.200	* 0.000	1.00	1.950	2.34	22.4	0.0	61.2
103.0		1.00	0.99	8.726	9.598	115.57	1.200	* 0.000	1.00	1.936	2.32	22.3	0.0	60.8
104.0		1.00	0.99	8.750	9.625	114.90	1.200	* 0.000	1.00	1.923	2.31	22.2	0.0	60.4
105.0		1.00	1.00	8.774	9.651	114.23	1.200	* 0.000	1.00	1.909	2.29	22.1	0.0	59.9

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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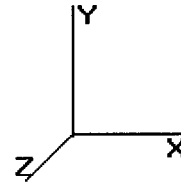
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Load Case: 1.0D + 1.0W				60.00 mph Serviceability						28 Iterations				
Gust Response Factor : 1.10				Wind Importance Factor : 1.00										
Dead Load Factor : 1.00														
Wind Load Factor : 1.00														
106.0		1.00	1.00	8.797	9.677	113.56	1.200	* 0.000	1.00	1.895	2.27	22.0	0.0	59.5
107.0		1.00	1.00	8.821	9.703	112.89	1.200	* 0.000	1.00	1.881	2.26	21.9	0.0	59.0
108.0		1.00	1.01	8.845	9.729	112.21	1.200	* 0.000	1.00	1.868	2.24	21.8	0.0	58.6
109.0		1.00	1.01	8.868	9.755	111.53	1.200	* 0.000	1.00	1.854	2.22	21.7	0.0	58.2
110.0	Top - Section 5	1.00	1.01	8.891	9.780	110.84	1.200	* 0.000	1.00	1.840	2.21	21.6	0.0	57.7
111.0		1.00	1.01	8.914	9.805	110.17	1.000	* 0.000	1.00	1.827	1.83	17.9	0.0	43.1
112.0		1.00	1.02	8.937	9.831	109.49	1.000	* 0.000	1.00	1.813	1.81	17.8	0.0	42.8
113.0		1.00	1.02	8.960	9.856	108.82	1.000	* 0.000	1.00	1.800	1.80	17.7	0.0	42.5
114.0		1.00	1.02	8.982	9.880	108.13	1.000	* 0.000	1.00	1.786	1.79	17.6	0.0	42.1
115.0		1.00	1.02	9.005	9.905	107.45	1.000	* 0.000	1.00	1.773	1.77	17.6	0.0	41.8
116.0		1.00	1.03	9.027	9.930	106.76	1.000	* 0.000	1.00	1.759	1.76	17.5	0.0	41.5
117.0		1.00	1.03	9.049	9.954	106.07	1.000	* 0.000	1.00	1.746	1.75	17.4	0.0	41.2
118.0		1.00	1.03	9.071	9.978	105.37	1.000	* 0.000	1.00	1.732	1.73	17.3	0.0	40.9
119.0		1.00	1.03	9.093	10.00	104.68	1.000	* 0.000	1.00	1.719	1.72	17.2	0.0	40.5
120.0		1.00	1.04	9.115	10.02	103.98	1.000	* 0.000	1.00	1.705	1.71	17.1	0.0	40.2
121.0		1.00	1.04	9.136	10.05	103.27	1.000	* 0.000	1.00	1.692	1.69	17.0	0.0	39.9
122.0		1.00	1.04	9.158	10.07	102.57	1.000	* 0.000	1.00	1.678	1.68	16.9	0.0	39.6
123.0		1.00	1.04	9.179	10.09	101.86	1.000	* 0.000	1.00	1.665	1.66	16.8	0.0	39.3
124.0		1.00	1.05	9.201	10.12	101.15	1.200	* 0.000	1.00	1.651	1.98	20.1	0.0	38.9
125.0		1.00	1.05	9.222	10.14	100.44	1.200	* 0.000	1.00	1.638	1.97	19.9	0.0	38.6
126.0		1.00	1.05	9.243	10.16	99.723	1.200	* 0.000	1.00	1.624	1.95	19.8	0.0	38.3
127.0		1.00	1.05	9.264	10.19	99.004	1.200	* 0.000	1.00	1.611	1.93	19.7	0.0	38.0
128.0		1.00	1.06	9.284	10.21	98.282	1.200	* 0.000	1.00	1.597	1.92	19.6	0.0	37.7
129.0		1.00	1.06	9.305	10.23	97.557	1.200	* 0.000	1.00	1.584	1.90	19.5	0.0	37.3
130.0	Appertunance(s)	1.00	1.06	9.326	10.25	96.830	1.200	* 0.000	1.00	1.570	1.88	19.3	0.0	37.0
131.0		1.00	1.06	9.346	10.28	96.101	1.000	0.000	1.00	1.557	1.56	16.0	0.0	36.7
132.0		1.00	1.07	9.366	10.30	95.369	1.000	0.000	1.00	1.543	1.54	15.9	0.0	36.4
133.0		1.00	1.07	9.387	10.32	94.634	1.000	0.000	1.00	1.530	1.53	15.8	0.0	36.0
134.0		1.00	1.07	9.407	10.34	93.897	1.000	0.000	1.00	1.517	1.52	15.7	0.0	35.7
135.0		1.00	1.07	9.427	10.36	93.157	1.000	0.000	1.00	1.503	1.50	15.6	0.0	35.4
136.0		1.00	1.07	9.447	10.39	92.416	1.000	0.000	1.00	1.490	1.49	15.5	0.0	35.1
137.0		1.00	1.08	9.466	10.41	91.671	1.000	0.000	1.00	1.476	1.48	15.4	0.0	34.8
138.0		1.00	1.08	9.486	10.43	90.925	1.000	0.000	1.00	1.463	1.46	15.3	0.0	34.4
139.0		1.00	1.08	9.506	10.45	90.176	1.000	0.000	1.00	1.449	1.45	15.2	0.0	34.1
140.0	Appertunance(s)	1.00	1.08	9.525	10.47	89.425	1.000	0.000	1.00	1.436	1.44	15.0	0.0	33.8
141.0		1.00	1.09	9.545	10.49	88.671	1.000	0.000	1.00	1.422	1.42	14.9	0.0	33.5
142.0		1.00	1.09	9.564	10.52	87.915	1.000	0.000	1.00	1.409	1.41	14.8	0.0	33.2
143.0		1.00	1.09	9.583	10.54	87.157	1.000	0.000	1.00	1.395	1.40	14.7	0.0	32.8
144.0		1.00	1.09	9.602	10.56	86.397	1.000	0.000	1.00	1.382	1.38	14.6	0.0	32.5
145.0		1.00	1.09	9.621	10.58	85.635	1.000	0.000	1.00	1.368	1.37	14.5	0.0	32.2
146.0		1.00	1.10	9.640	10.60	84.870	1.000	0.000	1.00	1.355	1.35	14.4	0.0	31.9
147.0		1.00	1.10	9.659	10.62	84.103	1.000	0.000	1.00	1.341	1.34	14.3	0.0	31.6
148.0		1.00	1.10	9.678	10.64	83.334	1.000	0.000	1.00	1.328	1.33	14.1	0.0	31.2
149.0		1.00	1.10	9.696	10.66	82.564	1.000	0.000	1.00	1.314	1.31	14.0	0.0	30.9
150.0	Appertunance(s)	1.00	1.11	9.715	10.68	81.790	1.000	0.000	1.00	1.301	1.30	13.9	0.0	30.6
* = Cf Adjusted By Linear Load Ra Effect				Totals:		150.00		3,963.5		0.0		29,194.3		

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	28 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

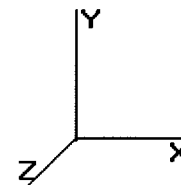
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
75.00	PCTEL GPS-TMG-HR-	1	7.969	8.766	1.00	1.00	1.00	0.000	0.000	8.77	0.00	0.00	10.00
110.0	48" x 12" Panels	9	8.891	9.780	0.54	0.80	27.01	0.000	0.000	264.20	0.00	0.00	270.00
110.0	72" x 12" Panels	3	8.891	9.780	0.54	0.80	13.51	0.000	0.000	132.10	0.00	0.00	135.00
110.0	Round T-Arms	3	8.891	9.780	0.45	0.75	13.09	0.000	0.000	128.07	0.00	0.00	750.00
130.0	Antel BXA-171063-8BF	1	9.366	10.303	0.57	0.80	1.67	0.000	2.000	17.21	0.00	34.41	10.50
130.0	Antel BXA-171085-8BF	2	9.366	10.303	0.57	0.80	3.34	0.000	2.000	34.41	0.00	68.82	22.00
130.0	Antel BXA-70063/6CF	3	9.366	10.303	0.53	0.80	12.01	0.000	2.000	123.71	0.00	247.41	44.70
130.0	Antel LPA-80063/6CF	2	9.326	10.258	0.61	0.80	11.66	0.000	0.000	119.63	0.00	0.00	54.00
130.0	Antel LPA-80080/6CF	4	9.366	10.303	0.52	0.80	17.95	0.000	2.000	184.94	0.00	369.89	84.00
130.0	RFS FD9R6004/1C-3L	6	9.366	10.303	0.40	0.80	0.89	0.000	2.000	9.15	0.00	18.30	18.60
130.0	Round Low Profile PI	1	9.326	10.258	1.00	1.00	21.70	0.000	0.000	222.60	0.00	0.00	1,500.00
140.0	Alcatel-Lucent 1900	3	9.525	10.478	0.54	0.80	4.36	0.000	0.000	45.66	0.00	0.00	180.00
140.0	Alcatel-Lucent 800 M	3	9.525	10.478	0.54	0.80	3.86	0.000	0.000	40.44	0.00	0.00	192.00
140.0	Decibel DB980H90E-M	6	9.564	10.520	0.54	0.80	12.54	0.000	2.000	131.95	0.00	263.90	51.00
140.0	RFS APXVSP18-C-	3	9.525	10.478	0.66	0.80	15.98	0.000	0.000	167.39	0.00	0.00	171.00
140.0	Round Low Profile PI	1	9.564	10.520	0.90	1.00	16.20	0.000	2.000	170.43	0.00	340.86	1,200.00
150.0	Powerwave 7020.00	6	9.733	10.707	0.40	0.80	0.96	0.000	1.000	10.28	0.00	10.28	13.20
150.0	Powerwave 7770.00	6	9.733	10.707	0.51	0.80	16.93	0.000	1.000	181.23	0.00	181.23	210.00
150.0	Powerwave LGP21401	6	9.733	10.707	0.40	0.80	3.10	0.000	1.000	33.15	0.00	33.15	84.60
150.0	Powerwave LGP21901	6	9.733	10.707	0.40	0.80	0.55	0.000	1.000	5.91	0.00	5.91	33.00
150.0	Round Low Profile PI	1	9.733	10.707	0.90	1.00	19.53	0.000	1.000	209.10	0.00	209.10	1,500.00
										2,240.31			6,533.60

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

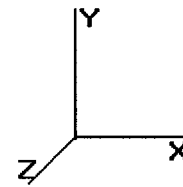
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
6.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.244	0.000	14.43	61.26
6.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.244	0.000	0.00	0.15
7.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.247	0.000	14.43	61.26
7.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.247	0.000	0.00	0.15
8.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.250	0.000	14.43	61.26
8.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.250	0.000	0.00	0.15
9.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.253	0.000	14.43	61.26
9.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.253	0.000	0.00	0.15
10.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.256	0.000	14.43	61.26
10.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.256	0.000	0.00	0.15
11.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.259	0.000	14.43	61.26
11.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.259	0.000	0.00	0.15
12.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.262	0.000	14.43	61.26
12.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.262	0.000	0.00	0.15
13.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.265	0.000	14.43	61.26
13.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	0.15
14.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.268	0.000	14.43	61.26
14.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.268	0.000	0.00	0.15
15.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.272	0.000	14.43	61.26
15.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	0.15
16.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.272	0.000	14.43	61.26
16.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	0.15
17.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.273	0.000	14.43	61.26
17.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.273	0.000	0.00	0.15
18.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.274	0.000	14.43	61.26
18.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.274	0.000	0.00	0.15
19.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.275	0.000	14.43	61.26
19.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.275	0.000	0.00	0.15
20.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.276	0.000	14.43	61.26
20.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.276	0.000	0.00	0.15
21.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.277	0.000	14.43	61.26
21.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	0.15
22.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.278	0.000	14.43	61.26
22.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.278	0.000	0.00	0.15
23.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.279	0.000	14.43	61.26
23.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.279	0.000	0.00	0.15
24.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.280	0.000	14.43	61.26
24.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.280	0.000	0.00	0.15
25.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.282	0.000	14.43	61.26
25.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.282	0.000	0.00	0.15
26.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.283	0.000	14.43	61.26
26.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.283	0.000	0.00	0.15
27.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.284	0.000	14.43	61.26
27.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.284	0.000	0.00	0.15
28.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.285	0.000	14.43	61.26
28.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.285	0.000	0.00	0.15
29.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.129	0.286	0.000	14.43	61.26
29.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.286	0.000	0.00	0.15
30.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.134	0.287	0.000	14.44	61.26
30.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.134	0.287	0.000	0.00	0.15
31.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.192	0.288	0.000	14.57	61.26

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

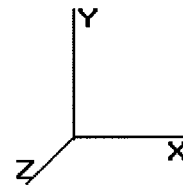
Wind Load Factor : 1.00

31.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.192	0.288	0.000	0.00	0.15
32.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.248	0.289	0.000	14.71	61.26
32.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.248	0.289	0.000	0.00	0.15
33.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.303	0.290	0.000	14.84	61.26
33.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.303	0.290	0.000	0.00	0.15
34.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.357	0.291	0.000	14.96	61.26
34.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.357	0.291	0.000	0.00	0.15
35.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.410	0.292	0.000	15.09	61.26
35.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.292	0.000	0.00	0.15
36.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.462	0.293	0.000	15.21	61.26
36.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.293	0.000	0.00	0.15
37.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.513	0.295	0.000	15.33	61.26
37.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.513	0.295	0.000	0.00	0.15
38.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.562	0.296	0.000	15.45	61.26
38.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.562	0.296	0.000	0.00	0.15
39.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.611	0.297	0.000	15.56	61.26
39.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.611	0.297	0.000	0.00	0.15
40.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.659	0.298	0.000	15.68	61.26
40.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.659	0.298	0.000	0.00	0.15
41.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.706	0.299	0.000	15.79	61.26
41.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.706	0.299	0.000	0.00	0.15
42.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.753	0.300	0.000	15.90	61.26
42.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.753	0.300	0.000	0.00	0.15
43.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.798	0.302	0.000	16.00	61.26
43.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.798	0.302	0.000	0.00	0.15
44.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.843	0.303	0.000	16.11	61.26
44.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.843	0.303	0.000	0.00	0.15
45.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.887	0.304	0.000	16.21	61.26
45.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.887	0.304	0.000	0.00	0.15
46.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.931	0.305	0.000	16.31	61.26
46.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.931	0.305	0.000	0.00	0.15
47.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	6.973	0.306	0.000	16.42	61.26
47.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.973	0.306	0.000	0.00	0.15
48.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.015	0.308	0.000	16.51	61.26
48.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.015	0.308	0.000	0.00	0.15
49.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.057	0.309	0.000	16.61	61.26
49.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.057	0.309	0.000	0.00	0.15
50.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.098	0.310	0.000	16.71	61.26
50.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.098	0.310	0.000	0.00	0.15
51.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.138	0.311	0.000	16.80	61.26
51.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.138	0.311	0.000	0.00	0.15
52.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.178	0.313	0.000	16.90	61.26
52.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.178	0.313	0.000	0.00	0.15
53.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.217	0.314	0.000	16.99	61.26
53.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.217	0.314	0.000	0.00	0.15
54.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.255	0.315	0.000	17.08	61.26
54.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.255	0.315	0.000	0.00	0.15
55.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.294	0.317	0.000	17.17	61.26
55.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.294	0.317	0.000	0.00	0.15
56.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.331	0.315	0.000	17.26	61.26
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.331	0.315	0.000	0.00	0.15
57.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.368	0.317	0.000	17.35	61.26
57.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.368	0.317	0.000	0.00	0.15
58.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.405	0.318	0.000	17.43	61.26
58.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.405	0.318	0.000	0.00	0.15
59.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.441	0.319	0.000	17.52	61.26
59.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.441	0.319	0.000	0.00	0.15

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

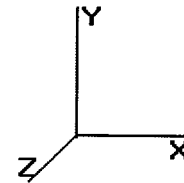
60.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.477	0.321	0.000	17.60	61.26
60.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.477	0.321	0.000	0.00	0.15
61.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.513	0.322	0.000	17.68	61.26
61.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.513	0.322	0.000	0.00	0.15
62.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.548	0.324	0.000	17.77	61.26
62.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.548	0.324	0.000	0.00	0.15
63.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.582	0.325	0.000	17.85	61.26
63.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.582	0.325	0.000	0.00	0.15
64.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.616	0.326	0.000	17.93	61.26
64.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.616	0.326	0.000	0.00	0.15
65.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.650	0.328	0.000	18.01	61.26
65.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.650	0.328	0.000	0.00	0.15
66.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.684	0.329	0.000	18.09	61.26
66.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.684	0.329	0.000	0.00	0.15
67.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.717	0.331	0.000	18.17	61.26
67.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.717	0.331	0.000	0.00	0.15
68.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.749	0.332	0.000	18.24	61.26
68.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.749	0.332	0.000	0.00	0.15
69.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.782	0.333	0.000	18.32	61.26
69.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.782	0.333	0.000	0.00	0.15
70.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.814	0.335	0.000	18.39	61.26
70.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.814	0.335	0.000	0.00	0.15
71.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.846	0.336	0.000	18.47	61.26
71.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.846	0.336	0.000	0.00	0.15
72.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.877	0.338	0.000	18.54	61.26
72.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.877	0.338	0.000	0.00	0.15
73.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.908	0.339	0.000	18.62	61.26
73.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.908	0.339	0.000	0.00	0.15
74.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.939	0.341	0.000	18.69	61.26
74.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.939	0.341	0.000	0.00	0.15
75.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	7.969	0.342	0.000	18.76	61.26
75.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.969	0.342	0.000	0.00	0.15
76.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.000	0.344	0.000	18.83	61.26
77.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.030	0.346	0.000	18.90	61.26
78.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.059	0.347	0.000	18.97	61.26
79.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.089	0.349	0.000	19.04	61.26
80.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.118	0.487	0.000	7.44	50.10
80.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.118	0.487	0.000	19.11	61.26
81.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.147	0.489	0.000	7.47	50.10
81.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.147	0.489	0.000	19.18	61.26
82.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.175	0.491	0.000	7.49	50.10
82.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.175	0.491	0.000	19.24	61.26
83.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.204	0.494	0.000	7.52	50.10
83.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.204	0.494	0.000	19.31	61.26
84.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.232	0.496	0.000	7.55	50.10
84.00	(2) Seam Flange	Yes	1.00	2.000	12.84	1.07	2.14	8.232	0.496	0.000	19.38	61.26
84.11	(3) #20 Dywidag Bars	Yes	0.11	2.000	5.00	0.05	0.09	8.235	0.497	0.000	0.83	5.51
84.11	(2) Seam Flange	Yes	0.11	2.000	12.84	0.12	0.24	8.235	0.497	0.000	2.13	6.73
85.00	(3) #20 Dywidag Bars	Yes	0.89	2.000	5.00	0.37	0.74	8.260	0.498	0.000	6.74	44.59
85.00	(2) Seam Flange	Yes	0.89	2.000	12.84	0.95	1.90	8.260	0.498	0.000	17.31	54.53
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.287	0.498	0.000	3.63	9.84
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.287	0.498	0.000	3.63	9.84
86.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.287	0.498	0.000	7.60	50.10
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.315	0.501	0.000	3.64	9.84
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.315	0.501	0.000	3.64	9.84
87.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.315	0.501	0.000	7.62	50.10
88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.342	0.504	0.000	3.65	9.84

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

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

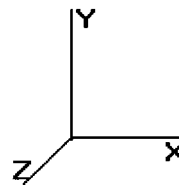
Wind Importance Factor : 1.00

88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.342	0.504	0.000	3.65	9.84
88.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.342	0.504	0.000	7.65	50.10
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.369	0.507	0.000	3.66	9.84
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.369	0.507	0.000	3.66	9.84
89.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.369	0.507	0.000	7.67	50.10
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.396	0.511	0.000	3.68	9.84
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.396	0.511	0.000	3.68	9.84
90.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.396	0.511	0.000	7.70	50.10
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.422	0.514	0.000	3.69	9.84
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.422	0.514	0.000	3.69	9.84
91.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.422	0.514	0.000	7.72	50.10
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.448	0.517	0.000	3.70	9.84
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.448	0.517	0.000	3.70	9.84
92.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.448	0.517	0.000	7.74	50.10
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.475	0.521	0.000	3.71	9.84
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.475	0.521	0.000	3.71	9.84
93.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.475	0.521	0.000	7.77	50.10
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.501	0.524	0.000	3.72	9.84
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.501	0.524	0.000	3.72	9.84
94.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.501	0.524	0.000	7.79	50.10
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.526	0.528	0.000	3.73	9.84
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.526	0.528	0.000	3.73	9.84
95.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.526	0.528	0.000	7.82	50.10
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	8.539	0.530	0.000	1.87	4.92
95.50	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	8.539	0.530	0.000	1.87	4.92
95.50	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.21	0.42	8.539	0.530	0.000	3.91	25.05
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	8.552	0.532	0.000	1.87	4.92
96.00	(12) 1 5/8" Coax	Yes	0.50	1.200	3.98	0.17	0.20	8.552	0.532	0.000	1.87	4.92
96.00	(3) #20 Dywidag Bars	Yes	0.50	2.000	5.00	0.21	0.42	8.552	0.532	0.000	3.92	25.05
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.577	0.535	0.000	3.76	9.84
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.577	0.535	0.000	3.76	9.84
97.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.577	0.535	0.000	7.86	50.10
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.602	0.539	0.000	3.77	9.84
98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.602	0.539	0.000	3.77	9.84
98.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.602	0.539	0.000	7.89	50.10
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.627	0.542	0.000	3.78	9.84
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.627	0.542	0.000	3.78	9.84
99.00	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.627	0.542	0.000	7.91	50.10
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.652	0.546	0.000	3.79	9.84
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.652	0.546	0.000	3.79	9.84
100.0	(3) #20 Dywidag Bars	Yes	1.00	2.000	5.00	0.42	0.83	8.652	0.546	0.000	7.93	50.10
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.677	0.338	0.000	3.80	9.84
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.677	0.338	0.000	3.80	9.84
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.701	0.340	0.000	3.81	9.84
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.701	0.340	0.000	3.81	9.84
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.726	0.343	0.000	3.82	9.84
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.726	0.343	0.000	3.82	9.84
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.750	0.345	0.000	3.83	9.84
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.750	0.345	0.000	3.83	9.84
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.774	0.348	0.000	3.84	9.84
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.774	0.348	0.000	3.84	9.84
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.797	0.350	0.000	3.85	9.84
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.797	0.350	0.000	3.85	9.84
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.821	0.353	0.000	3.86	9.84
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.821	0.353	0.000	3.86	9.84
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.845	0.355	0.000	3.87	9.84
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.845	0.355	0.000	3.87	9.84

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

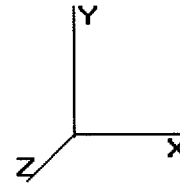
Wind Load Factor : 1.00

109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.868	0.358	0.000	3.88	9.84
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.868	0.358	0.000	3.88	9.84
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.891	0.360	0.000	3.89	9.84
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	8.891	0.360	0.000	3.89	9.84
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	8.914	0.182	1.245	0.00	9.84
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	8.937	0.183	1.249	0.00	9.84
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	8.960	0.184	1.253	0.00	9.84
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	8.982	0.186	1.257	0.00	9.84
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.005	0.187	1.261	0.00	9.84
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.027	0.189	1.266	0.00	9.84
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.049	0.190	1.270	0.00	9.84
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.071	0.191	1.274	0.00	9.84
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.093	0.193	1.279	0.00	9.84
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.115	0.194	1.283	0.00	9.84
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.136	0.196	1.288	0.00	9.84
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.158	0.198	1.293	0.00	9.84
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.98	0.33	0.00	9.179	0.199	1.298	0.00	9.84
124.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.201	0.201	0.000	4.03	9.84
125.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.222	0.203	0.000	4.04	9.84
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.243	0.204	0.000	4.05	9.84
127.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.264	0.206	0.000	4.06	9.84
128.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.284	0.208	0.000	4.06	9.84
129.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.305	0.209	0.000	4.07	9.84
130.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.98	0.33	0.40	9.326	0.211	0.000	4.08	9.84
Totals:											1,689.78	6,652.11

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

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

Wind Importance Factor : 1.00

Applied Segment Forces Summary

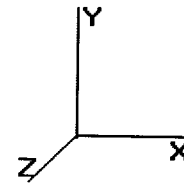
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	31.18	434.44	0.00	0.00
2.00	30.85	429.78	0.00	0.00
3.00	30.52	425.12	0.00	0.00
4.00	30.19	420.46	0.00	0.00
5.00	29.86	415.80	0.00	0.00
6.00	49.87	507.71	0.00	0.00
7.00	49.47	503.05	0.00	0.00
8.00	49.08	498.39	0.00	0.00
9.00	48.68	493.73	0.00	0.00
10.00	48.29	489.07	0.00	0.00
11.00	47.89	484.41	0.00	0.00
12.00	47.49	479.75	0.00	0.00
13.00	47.10	475.09	0.00	0.00
14.00	46.70	470.43	0.00	0.00
15.00	46.31	465.77	0.00	0.00
16.00	46.20	434.27	0.00	0.00
17.00	46.08	433.05	0.00	0.00
18.00	45.97	431.83	0.00	0.00
19.00	45.86	430.60	0.00	0.00
20.00	45.74	429.38	0.00	0.00
21.00	45.63	428.15	0.00	0.00
22.00	45.52	426.93	0.00	0.00
23.00	45.40	425.70	0.00	0.00
24.00	45.29	424.48	0.00	0.00
25.00	45.17	423.26	0.00	0.00
26.00	45.06	422.03	0.00	0.00
27.00	44.95	420.81	0.00	0.00
28.00	44.83	419.58	0.00	0.00
29.00	44.72	418.36	0.00	0.00
30.00	44.65	417.14	0.00	0.00
31.00	44.95	415.91	0.00	0.00
32.00	45.25	414.69	0.00	0.00
33.00	45.53	413.46	0.00	0.00
34.00	45.80	412.24	0.00	0.00
35.00	46.06	411.02	0.00	0.00
36.00	46.32	409.79	0.00	0.00
37.00	46.56	408.57	0.00	0.00
38.00	46.79	407.34	0.00	0.00
39.00	47.02	406.12	0.00	0.00
40.00	47.24	404.90	0.00	0.00
41.00	47.45	403.67	0.00	0.00
42.00	47.65	402.45	0.00	0.00
43.00	47.85	401.22	0.00	0.00
44.00	48.04	400.00	0.00	0.00
45.00	48.22	398.77	0.00	0.00
46.00	48.39	397.55	0.00	0.00
47.00	48.56	396.33	0.00	0.00
48.00	48.73	395.10	0.00	0.00
49.00	48.88	393.88	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

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

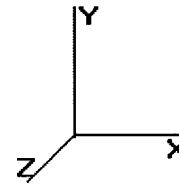
Wind Importance Factor : 1.00

50.00	49.03	392.65	0.00	0.00
51.00	49.18	391.43	0.00	0.00
52.00	49.32	390.21	0.00	0.00
53.00	49.46	388.98	0.00	0.00
54.00	49.59	387.76	0.00	0.00
55.00	49.71	386.53	0.00	0.00
56.00	50.08	361.54	0.00	0.00
57.00	50.20	360.42	0.00	0.00
58.00	50.31	359.30	0.00	0.00
59.00	50.42	358.18	0.00	0.00
60.00	50.52	357.07	0.00	0.00
61.00	50.62	355.95	0.00	0.00
62.00	50.72	354.83	0.00	0.00
63.00	50.81	353.71	0.00	0.00
64.00	50.90	352.59	0.00	0.00
65.00	50.98	351.47	0.00	0.00
66.00	51.06	350.35	0.00	0.00
67.00	51.14	349.24	0.00	0.00
68.00	51.21	348.12	0.00	0.00
69.00	51.28	347.00	0.00	0.00
70.00	51.35	345.88	0.00	0.00
71.00	51.41	344.76	0.00	0.00
72.00	51.47	343.64	0.00	0.00
73.00	51.52	342.52	0.00	0.00
74.00	51.58	341.41	0.00	0.00
75.00	60.39	350.29	0.00	0.00
76.00	51.67	291.18	0.00	0.00
77.00	51.72	290.29	0.00	0.00
78.00	51.76	289.39	0.00	0.00
79.00	51.80	288.50	0.00	0.00
80.00	59.27	337.70	0.00	0.00
81.00	59.33	336.81	0.00	0.00
82.00	59.39	335.91	0.00	0.00
83.00	59.44	335.02	0.00	0.00
84.00	59.49	334.12	0.00	0.00
84.11	6.53	36.67	0.00	0.00
85.00	52.99	341.16	0.00	0.00
86.00	38.59	203.56	0.00	0.00
87.00	38.57	203.13	0.00	0.00
88.00	38.54	202.69	0.00	0.00
89.00	38.51	202.25	0.00	0.00
90.00	38.48	201.82	0.00	0.00
91.00	38.45	201.38	0.00	0.00
92.00	38.42	200.95	0.00	0.00
93.00	38.39	200.51	0.00	0.00
94.00	38.35	200.07	0.00	0.00
95.00	38.31	199.64	0.00	0.00
95.50	19.13	99.66	0.00	0.00
96.00	19.12	74.50	0.00	0.00
97.00	38.23	148.67	0.00	0.00
98.00	38.18	148.23	0.00	0.00
99.00	38.14	147.79	0.00	0.00
100.0	38.09	147.36	0.00	0.00
101.0	30.09	96.82	0.00	0.00
102.0	30.02	96.39	0.00	0.00
103.0	29.94	95.95	0.00	0.00
104.0	29.87	95.51	0.00	0.00

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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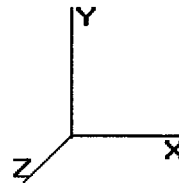
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	28 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

105.0	29.79	95.08	0.00	0.00
106.0	29.71	94.64	0.00	0.00
107.0	29.63	94.21	0.00	0.00
108.0	29.55	93.77	0.00	0.00
109.0	29.47	93.33	0.00	0.00
110.0	553.76	1,247.90	0.00	0.00
111.0	17.91	68.43	0.00	0.00
112.0	17.82	68.11	0.00	0.00
113.0	17.74	67.79	0.00	0.00
114.0	17.65	67.46	0.00	0.00
115.0	17.56	67.14	0.00	0.00
116.0	17.47	66.82	0.00	0.00
117.0	17.38	66.50	0.00	0.00
118.0	17.28	66.18	0.00	0.00
119.0	17.19	65.86	0.00	0.00
120.0	17.10	65.54	0.00	0.00
121.0	17.00	65.22	0.00	0.00
122.0	16.91	64.90	0.00	0.00
123.0	16.81	64.58	0.00	0.00
124.0	24.08	64.25	0.00	0.00
125.0	23.97	63.93	0.00	0.00
126.0	23.86	63.61	0.00	0.00
127.0	23.75	63.29	0.00	0.00
128.0	23.64	62.97	0.00	0.00
129.0	23.53	62.65	0.00	0.00
130.0	735.06	1,796.13	0.00	738.83
131.0	16.01	52.17	0.00	0.00
132.0	15.90	51.85	0.00	0.00
133.0	15.80	51.53	0.00	0.00
134.0	15.69	51.21	0.00	0.00
135.0	15.59	50.88	0.00	0.00
136.0	15.48	50.56	0.00	0.00
137.0	15.37	50.24	0.00	0.00
138.0	15.26	49.92	0.00	0.00
139.0	15.15	49.60	0.00	0.00
140.0	570.91	1,843.28	0.00	604.76
141.0	14.93	41.04	0.00	0.00
142.0	14.82	40.72	0.00	0.00
143.0	14.71	40.40	0.00	0.00
144.0	14.59	40.08	0.00	0.00
145.0	14.48	39.76	0.00	0.00
146.0	14.37	39.43	0.00	0.00
147.0	14.25	39.11	0.00	0.00
148.0	14.13	38.79	0.00	0.00
149.0	14.02	38.47	0.00	0.00
150.0	453.57	1,878.95	0.00	439.66
Totals:	7,893.57	46,119.34	0.00	1,783.25

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

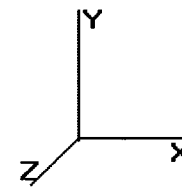
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-46.12	-7.89	0.00	-669.98	0.00	669.98	5,589.22	2,794.61	12,188.1	6,019.28	0.00	0.00	0.120
1.00	-45.68	-7.87	0.00	-662.08	0.00	662.08	5,529.59	2,764.80	11,927.7	5,890.65	0.00	0.00	0.121
2.00	-45.25	-7.84	0.00	-654.22	0.00	654.22	5,469.96	2,734.98	11,670.0	5,763.42	0.00	-0.01	0.122
3.00	-44.83	-7.81	0.00	-646.38	0.00	646.38	5,410.34	2,705.17	11,415.2	5,637.57	0.00	-0.01	0.123
4.00	-44.41	-7.78	0.00	-638.57	0.00	638.57	5,350.71	2,675.36	11,163.2	5,513.11	0.01	-0.02	0.124
5.00	-43.99	-7.76	0.00	-630.78	0.00	630.78	5,291.09	2,645.54	10,914.0	5,390.04	0.01	-0.02	0.125
6.00	-43.48	-7.71	0.00	-623.03	0.00	623.03	5,231.46	2,615.73	10,667.6	5,268.37	0.02	-0.03	0.127
7.00	-42.98	-7.66	0.00	-615.32	0.00	615.32	5,171.84	2,585.92	10,424.1	5,148.08	0.02	-0.03	0.128
8.00	-42.48	-7.62	0.00	-607.65	0.00	607.65	5,112.21	2,556.11	10,183.3	5,029.18	0.03	-0.04	0.129
9.00	-41.99	-7.57	0.00	-600.03	0.00	600.03	5,052.58	2,526.29	9,945.41	4,911.66	0.04	-0.04	0.130
10.00	-41.50	-7.53	0.00	-592.46	0.00	592.46	4,992.96	2,496.48	9,710.28	4,795.54	0.05	-0.05	0.132
11.00	-41.01	-7.48	0.00	-584.93	0.00	584.93	4,933.33	2,466.67	9,477.97	4,680.81	0.06	-0.05	0.133
12.00	-40.53	-7.44	0.00	-577.45	0.00	577.45	4,873.71	2,436.85	9,248.46	4,567.47	0.07	-0.06	0.135
13.00	-40.05	-7.40	0.00	-570.01	0.00	570.01	4,814.08	2,407.04	9,021.78	4,455.52	0.08	-0.06	0.136
14.00	-39.58	-7.35	0.00	-562.61	0.00	562.61	4,754.46	2,377.23	8,797.90	4,344.95	0.09	-0.07	0.138
15.00	-39.12	-7.31	0.00	-555.26	0.00	555.26	4,694.83	2,347.42	8,576.84	4,235.78	0.11	-0.07	0.139
16.00	-38.68	-7.27	0.00	-547.95	0.00	547.95	4,635.21	2,317.61	8,357.73	4,127.61	0.12	-0.08	0.140
17.00	-38.25	-7.22	0.00	-540.68	0.00	540.68	4,575.60	2,287.80	8,138.62	4,019.54	0.13	-0.08	0.141
18.00	-37.82	-7.18	0.00	-533.46	0.00	533.46	4,516.00	2,258.00	7,919.53	3,911.47	0.14	-0.09	0.142
19.00	-37.38	-7.14	0.00	-526.28	0.00	526.28	4,456.41	2,228.21	7,700.44	3,803.40	0.16	-0.09	0.141
20.00	-36.95	-7.10	0.00	-519.14	0.00	519.14	4,396.82	2,198.42	7,481.35	3,695.33	0.18	-0.10	0.140
21.00	-36.53	-7.05	0.00	-512.04	0.00	512.04	4,337.23	2,168.63	7,262.26	3,587.26	0.20	-0.10	0.139
22.00	-36.10	-7.01	0.00	-504.99	0.00	504.99	4,277.64	2,138.84	7,043.17	3,479.19	0.22	-0.11	0.139
23.00	-35.67	-6.97	0.00	-497.98	0.00	497.98	4,218.05	2,109.05	6,824.08	3,371.12	0.24	-0.11	0.138
24.00	-35.25	-6.93	0.00	-491.01	0.00	491.01	4,158.46	2,079.26	6,604.99	3,263.05	0.27	-0.12	0.137
25.00	-34.82	-6.88	0.00	-484.09	0.00	484.09	4,098.87	2,049.47	6,385.90	3,154.98	0.29	-0.13	0.136
26.00	-34.40	-6.84	0.00	-477.20	0.00	477.20	4,039.28	2,019.68	6,166.81	3,046.91	0.32	-0.13	0.135
27.00	-33.98	-6.80	0.00	-470.36	0.00	470.36	3,979.69	1,989.89	5,947.72	2,938.84	0.35	-0.14	0.134
28.00	-33.56	-6.76	0.00	-463.56	0.00	463.56	3,920.10	1,960.10	5,728.63	2,830.77	0.38	-0.14	0.133
29.00	-33.14	-6.71	0.00	-456.81	0.00	456.81	3,860.51	1,930.31	5,509.54	2,722.70	0.41	-0.15	0.132
30.00	-32.72	-6.67	0.00	-450.09	0.00	450.09	3,800.92	1,900.52	5,290.45	2,614.63	0.44	-0.16	0.131
31.00	-32.31	-6.63	0.00	-443.42	0.00	443.42	3,741.33	1,870.73	5,071.36	2,506.56	0.47	-0.16	0.130
32.00	-31.89	-6.59	0.00	-436.79	0.00	436.79	3,681.74	1,840.94	4,852.27	2,398.49	0.51	-0.17	0.129
33.00	-31.48	-6.54	0.00	-430.21	0.00	430.21	3,622.15	1,811.15	4,633.18	2,290.42	0.55	-0.17	0.128
34.00	-31.06	-6.50	0.00	-423.67	0.00	423.67	3,562.56	1,781.36	4,414.09	2,182.35	0.58	-0.18	0.127
35.00	-30.65	-6.45	0.00	-417.17	0.00	417.17	3,502.97	1,751.57	4,194.99	2,074.28	0.62	-0.18	0.126
36.00	-30.24	-6.41	0.00	-410.72	0.00	410.72	3,443.38	1,721.78	3,975.90	1,966.21	0.66	-0.19	0.125
37.00	-29.83	-6.36	0.00	-404.31	0.00	404.31	3,383.79	1,691.99	3,756.81	1,858.14	0.70	-0.20	0.124
38.00	-29.42	-6.32	0.00	-397.94	0.00	397.94	3,324.20	1,662.20	3,537.72	1,750.07	0.74	-0.20	0.123
39.00	-29.02	-6.27	0.00	-391.63	0.00	391.63	3,264.61	1,632.41	3,318.63	1,642.00	0.79	-0.21	0.122
40.00	-28.61	-6.23	0.00	-385.35	0.00	385.35	3,205.02	1,602.62	3,100.54	1,533.93	0.83	-0.21	0.121
41.00	-28.21	-6.18	0.00	-379.13	0.00	379.13	3,145.43	1,572.83	2,882.45	1,425.86	0.87	-0.22	0.120
42.00	-27.81	-6.13	0.00	-372.95	0.00	372.95	3,085.84	1,543.04	2,664.36	1,317.79	0.92	-0.22	0.119
43.00	-27.40	-6.09	0.00	-366.81	0.00	366.81	3,026.25	1,513.25	2,446.27	1,209.72	0.97	-0.23	0.118
44.00	-27.00	-6.04	0.00	-360.73	0.00	360.73	2,966.66	1,483.46	2,228.18	1,101.65	1.02	-0.24	0.117
45.00	-26.60	-5.99	0.00	-354.69	0.00	354.69	2,907.07	1,453.67	2,010.09	993.58	1.07	-0.24	0.116
46.00	-26.21	-5.95	0.00	-348.69	0.00	348.69	2,847.48	1,423.88	1,791.99	885.51	1.12	-0.25	0.115
47.00	-25.81	-5.90	0.00	-342.75	0.00	342.75	2,787.89	1,394.09	1,573.90	777.44	1.17	-0.25	0.114
48.00	-25.41	-5.85	0.00	-336.85	0.00	336.85	2,728.30	1,364.30	1,355.81	669.37	1.23	-0.26	0.113
49.00	-25.02	-5.80	0.00	-331.00	0.00	331.00	2,668.71	1,334.51	1,137.72	561.30	1.28	-0.26	0.112
							3,964.99	1,982.50	6,386.39	3,154.00	1.34	-0.27	0.111

Pole : 302523
Location : New Milford CT 2, CT
Height : 150.0 (ft)
Base Dia : 53.90 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

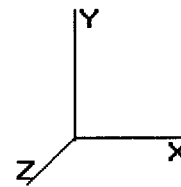
50.00	-24.63	-5.75	0.00	-325.20	0.00	325.20	3,948.63	1,974.32	6,333.36	3,127.81	1.39	-0.27	0.110
51.00	-24.24	-5.70	0.00	-319.45	0.00	319.45	3,932.27	1,966.14	6,280.54	3,101.72	1.45	-0.28	0.109
52.00	-23.85	-5.65	0.00	-313.75	0.00	313.75	3,915.92	1,957.96	6,227.94	3,075.75	1.51	-0.29	0.108
53.00	-23.46	-5.61	0.00	-308.09	0.00	308.09	3,899.56	1,949.78	6,175.57	3,049.88	1.57	-0.29	0.107
54.00	-23.07	-5.56	0.00	-302.49	0.00	302.49	3,883.20	1,941.60	6,123.42	3,024.13	1.63	-0.30	0.106
55.00	-22.68	-5.51	0.00	-296.93	0.00	296.93	3,866.84	1,933.42	6,071.48	2,998.48	1.69	-0.30	0.105
55.00	-22.68	-5.51	0.00	-296.93	0.00	296.93	3,220.97	1,610.49	5,114.03	2,525.63	1.69	-0.30	0.125
56.00	-22.32	-5.46	0.00	-291.42	0.00	291.42	3,207.40	1,603.70	5,070.70	2,504.23	1.76	-0.31	0.123
57.00	-21.96	-5.41	0.00	-285.97	0.00	285.97	3,193.84	1,596.92	5,027.55	2,482.92	1.82	-0.31	0.122
58.00	-21.60	-5.36	0.00	-280.56	0.00	280.56	3,180.27	1,590.13	4,984.58	2,461.70	1.89	-0.32	0.121
59.00	-21.24	-5.31	0.00	-275.21	0.00	275.21	3,166.70	1,583.35	4,941.80	2,440.57	1.96	-0.32	0.119
60.00	-20.88	-5.26	0.00	-269.90	0.00	269.90	3,153.13	1,576.57	4,899.21	2,419.54	2.02	-0.33	0.118
61.00	-20.53	-5.20	0.00	-264.65	0.00	264.65	3,139.57	1,569.78	4,856.80	2,398.59	2.09	-0.33	0.117
62.00	-20.17	-5.15	0.00	-259.44	0.00	259.44	3,126.00	1,563.00	4,814.57	2,377.74	2.16	-0.34	0.116
63.00	-19.82	-5.10	0.00	-254.29	0.00	254.29	3,112.43	1,556.21	4,772.53	2,356.97	2.24	-0.34	0.114
64.00	-19.47	-5.05	0.00	-249.19	0.00	249.19	3,098.86	1,549.43	4,730.67	2,336.30	2.31	-0.35	0.113
65.00	-19.11	-5.00	0.00	-244.14	0.00	244.14	3,085.29	1,542.65	4,689.00	2,315.72	2.38	-0.36	0.112
66.00	-18.76	-4.95	0.00	-239.14	0.00	239.14	3,071.73	1,535.86	4,647.51	2,295.23	2.46	-0.36	0.110
67.00	-18.41	-4.90	0.00	-234.19	0.00	234.19	3,058.16	1,529.08	4,606.20	2,274.83	2.53	-0.37	0.109
68.00	-18.07	-4.84	0.00	-229.29	0.00	229.29	3,044.59	1,522.30	4,565.08	2,254.52	2.61	-0.37	0.108
69.00	-17.72	-4.79	0.00	-224.45	0.00	224.45	3,031.02	1,515.51	4,524.15	2,234.31	2.69	-0.38	0.106
70.00	-17.37	-4.74	0.00	-219.65	0.00	219.65	3,017.46	1,508.73	4,483.40	2,214.18	2.77	-0.38	0.105
71.00	-17.03	-4.69	0.00	-214.91	0.00	214.91	3,003.89	1,501.94	4,442.83	2,194.15	2.85	-0.39	0.104
72.00	-16.68	-4.64	0.00	-210.23	0.00	210.23	2,990.32	1,495.16	4,402.45	2,174.20	2.93	-0.39	0.102
73.00	-16.34	-4.58	0.00	-205.59	0.00	205.59	2,976.75	1,488.38	4,362.25	2,154.35	3.01	-0.40	0.101
74.00	-16.00	-4.53	0.00	-201.01	0.00	201.01	2,963.19	1,481.59	4,322.24	2,134.59	3.10	-0.40	0.100
75.00	-15.65	-4.47	0.00	-196.48	0.00	196.48	2,949.62	1,474.81	4,282.41	2,114.92	3.18	-0.41	0.098
75.00	-15.65	-4.47	0.00	-196.48	0.00	196.48	2,628.21	1,314.11	3,842.67	1,897.75	3.18	-0.41	0.109
76.00	-15.36	-4.42	0.00	-192.01	0.00	192.01	2,616.17	1,308.08	3,807.28	1,880.27	3.27	-0.41	0.108
77.00	-15.07	-4.36	0.00	-187.59	0.00	187.59	2,604.12	1,302.06	3,772.05	1,862.87	3.35	-0.42	0.106
78.00	-14.78	-4.31	0.00	-183.22	0.00	183.22	2,592.07	1,296.04	3,736.99	1,845.56	3.44	-0.42	0.105
79.00	-14.49	-4.26	0.00	-178.91	0.00	178.91	2,580.03	1,290.01	3,702.09	1,828.32	3.53	-0.43	0.103
80.00	-14.15	-4.20	0.00	-174.65	0.00	174.65	2,567.98	1,283.99	3,667.36	1,811.17	3.62	-0.43	0.102
81.00	-13.82	-4.14	0.00	-170.45	0.00	170.45	2,555.93	1,277.97	3,632.78	1,794.10	3.71	-0.44	0.100
82.00	-13.48	-4.08	0.00	-166.31	0.00	166.31	2,543.88	1,271.94	3,598.38	1,777.10	3.80	-0.44	0.099
83.00	-13.15	-4.02	0.00	-162.24	0.00	162.24	2,531.84	1,265.92	3,564.13	1,760.19	3.90	-0.45	0.097
84.00	-12.81	-3.96	0.00	-158.22	0.00	158.22	2,519.79	1,259.89	3,530.05	1,743.36	3.99	-0.46	0.096
84.11	-12.78	-3.95	0.00	-157.78	0.00	157.78	2,518.47	1,259.23	3,526.32	1,741.52	4.00	-0.46	0.096
85.00	-12.43	-3.90	0.00	-154.27	0.00	154.27	2,507.74	1,253.87	3,496.14	1,726.61	4.09	-0.46	0.060
85.00	-12.43	-3.90	0.00	-154.27	0.00	154.27	1,414.25	707.13	1,455.35	718.74	4.09	-0.46	0.059
86.00	-12.23	-3.86	0.00	-150.37	0.00	150.37	1,408.59	704.29	1,440.18	711.25	4.19	-0.46	0.076
87.00	-12.03	-3.82	0.00	-146.52	0.00	146.52	1,402.88	701.44	1,425.06	703.78	4.28	-0.47	0.074
88.00	-11.82	-3.78	0.00	-142.70	0.00	142.70	1,397.13	698.56	1,409.96	696.33	4.38	-0.48	0.072
89.00	-11.62	-3.74	0.00	-138.92	0.00	138.92	1,391.33	695.67	1,394.89	688.89	4.49	-0.49	0.071
90.00	-11.42	-3.70	0.00	-135.18	0.00	135.18	1,385.49	692.75	1,379.86	681.46	4.59	-0.50	0.069
91.00	-11.22	-3.66	0.00	-131.47	0.00	131.47	1,379.61	689.81	1,364.87	674.06	4.70	-0.51	0.067
92.00	-11.02	-3.63	0.00	-127.81	0.00	127.81	1,373.69	686.84	1,349.91	666.67	4.80	-0.52	0.066
93.00	-10.82	-3.59	0.00	-124.19	0.00	124.19	1,367.72	683.86	1,334.99	659.30	4.91	-0.52	0.064
94.00	-10.62	-3.55	0.00	-120.60	0.00	120.60	1,361.71	680.85	1,320.10	651.95	5.02	-0.53	0.062
95.00	-10.42	-3.51	0.00	-117.05	0.00	117.05	1,355.66	677.83	1,305.26	644.62	5.14	-0.54	0.061
95.50	-10.32	-3.49	0.00	-115.30	0.00	115.30	1,352.61	676.31	1,297.85	640.96	5.19	-0.54	0.060
95.50	-10.32	-3.49	0.00	-115.30	0.00	115.30	1,352.61	676.31	1,297.85	640.96	5.19	-0.54	0.188
96.00	-10.24	-3.47	0.00	-113.55	0.00	113.55	1,349.56	674.78	1,290.45	637.30	5.25	-0.55	0.186
97.00	-10.09	-3.44	0.00	-110.08	0.00	110.08	1,343.42	671.71	1,275.68	630.01	5.37	-0.57	0.182
98.00	-9.94	-3.40	0.00	-106.64	0.00	106.64	1,337.24	668.62	1,260.95	622.74	5.49	-0.60	0.179
99.00	-9.79	-3.37	0.00	-103.24	0.00	103.24	1,331.01	665.51	1,246.27	615.49	5.62	-0.62	0.175
100.00	-9.65	-3.33	0.00	-99.88	0.00	99.88	1,324.75	662.37	1,231.63	608.25	5.75	-0.65	0.172

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

28 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

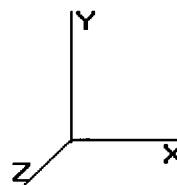
Wind Load Factor : 1.00

101.00	-9.55	-3.30	0.00	-96.55	0.00	96.55	1,318.44	659.22	1,217.03	601.04	5.89	-0.67	0.168
102.00	-9.45	-3.28	0.00	-93.24	0.00	93.24	1,312.08	656.04	1,202.47	593.86	6.03	-0.69	0.164
103.00	-9.35	-3.25	0.00	-89.97	0.00	89.97	1,305.69	652.84	1,187.96	586.69	6.18	-0.72	0.161
104.00	-9.26	-3.22	0.00	-86.72	0.00	86.72	1,299.25	649.62	1,173.50	579.55	6.33	-0.74	0.157
105.00	-9.16	-3.19	0.00	-83.50	0.00	83.50	1,293.29	646.65	1,159.56	572.66	6.49	-0.76	0.153
106.00	-9.07	-3.17	0.00	-80.30	0.00	80.30	1,283.85	641.92	1,142.58	564.28	6.65	-0.78	0.149
107.00	-8.97	-3.14	0.00	-77.14	0.00	77.14	1,274.40	637.20	1,125.74	555.96	6.82	-0.80	0.146
108.00	-8.88	-3.11	0.00	-74.00	0.00	74.00	1,264.95	632.48	1,109.01	547.70	6.99	-0.82	0.142
109.00	-8.78	-3.08	0.00	-70.89	0.00	70.89	1,255.51	627.75	1,092.42	539.50	7.16	-0.85	0.138
110.00	-7.54	-2.51	0.00	-67.81	0.00	67.81	1,246.06	623.03	1,075.94	531.37	7.34	-0.87	0.134
110.00	-7.54	-2.51	0.00	-67.81	0.00	67.81	852.83	426.42	740.79	365.85	7.34	-0.87	0.194
111.00	-7.47	-2.50	0.00	-65.29	0.00	65.29	849.27	424.64	732.18	361.60	7.53	-0.89	0.189
112.00	-7.40	-2.48	0.00	-62.80	0.00	62.80	845.67	422.84	723.58	357.35	7.71	-0.91	0.185
113.00	-7.34	-2.47	0.00	-60.32	0.00	60.32	842.03	421.01	714.99	353.11	7.91	-0.94	0.180
114.00	-7.27	-2.45	0.00	-57.85	0.00	57.85	838.34	419.17	706.41	348.87	8.11	-0.96	0.175
115.00	-7.20	-2.43	0.00	-55.40	0.00	55.40	834.62	417.31	697.84	344.64	8.31	-0.99	0.169
116.00	-7.13	-2.42	0.00	-52.96	0.00	52.96	830.85	415.43	689.29	340.42	8.52	-1.01	0.164
117.00	-7.06	-2.40	0.00	-50.55	0.00	50.55	827.04	413.52	680.76	336.20	8.73	-1.03	0.159
118.00	-7.00	-2.39	0.00	-48.14	0.00	48.14	823.19	411.60	672.24	331.99	8.95	-1.06	0.154
119.00	-6.93	-2.37	0.00	-45.75	0.00	45.75	819.30	409.65	663.73	327.79	9.18	-1.08	0.148
120.00	-6.87	-2.36	0.00	-43.38	0.00	43.38	815.37	407.68	655.25	323.60	9.41	-1.10	0.143
121.00	-6.80	-2.34	0.00	-41.03	0.00	41.03	811.40	405.70	646.78	319.42	9.64	-1.12	0.137
122.00	-6.73	-2.32	0.00	-38.69	0.00	38.69	807.38	403.69	638.33	315.25	9.88	-1.14	0.131
123.00	-6.67	-2.31	0.00	-36.36	0.00	36.36	803.32	401.66	629.90	311.09	10.12	-1.16	0.125
124.00	-6.60	-2.29	0.00	-34.05	0.00	34.05	799.23	399.61	621.49	306.93	10.36	-1.18	0.119
125.00	-6.54	-2.26	0.00	-31.77	0.00	31.77	795.09	397.54	613.11	302.79	10.61	-1.20	0.113
126.00	-6.48	-2.24	0.00	-29.50	0.00	29.50	790.91	395.45	604.74	298.66	10.86	-1.22	0.107
127.00	-6.41	-2.22	0.00	-27.27	0.00	27.27	786.69	393.34	596.40	294.54	11.12	-1.23	0.101
128.00	-6.35	-2.19	0.00	-25.05	0.00	25.05	782.42	391.21	588.08	290.43	11.38	-1.25	0.094
129.00	-6.29	-2.17	0.00	-22.86	0.00	22.86	778.12	389.06	579.79	286.34	11.64	-1.26	0.088
130.00	-4.51	-1.40	0.00	-19.95	0.00	19.95	773.77	386.89	571.52	282.25	11.91	-1.28	0.077
131.00	-4.46	-1.38	0.00	-18.55	0.00	18.55	769.39	384.69	563.28	278.18	12.18	-1.29	0.073
132.00	-4.40	-1.36	0.00	-17.17	0.00	17.17	764.96	382.48	555.06	274.13	12.45	-1.30	0.068
133.00	-4.35	-1.35	0.00	-15.81	0.00	15.81	760.49	380.24	546.88	270.08	12.72	-1.31	0.064
134.00	-4.30	-1.33	0.00	-14.46	0.00	14.46	755.98	377.99	538.72	266.05	13.00	-1.32	0.060
135.00	-4.25	-1.31	0.00	-13.13	0.00	13.13	751.42	375.71	530.59	262.04	13.28	-1.33	0.056
136.00	-4.20	-1.30	0.00	-11.82	0.00	11.82	746.83	373.41	522.49	258.04	13.56	-1.34	0.051
137.00	-4.15	-1.28	0.00	-10.52	0.00	10.52	742.19	371.10	514.42	254.05	13.84	-1.35	0.047
138.00	-4.10	-1.27	0.00	-9.24	0.00	9.24	737.52	368.76	506.39	250.09	14.12	-1.36	0.043
139.00	-4.05	-1.25	0.00	-7.97	0.00	7.97	732.80	366.40	498.39	246.13	14.41	-1.36	0.038
140.00	-2.22	-0.64	0.00	-6.11	0.00	6.11	728.04	364.02	490.42	242.20	14.69	-1.37	0.028
141.00	-2.18	-0.62	0.00	-5.48	0.00	5.48	721.77	360.89	481.50	237.80	14.98	-1.37	0.026
142.00	-2.14	-0.61	0.00	-4.86	0.00	4.86	714.82	357.41	472.22	233.21	15.27	-1.38	0.024
143.00	-2.10	-0.59	0.00	-4.25	0.00	4.25	707.87	353.93	463.02	228.67	15.56	-1.38	0.022
144.00	-2.06	-0.57	0.00	-3.66	0.00	3.66	700.91	350.46	453.92	224.17	15.85	-1.39	0.019
145.00	-2.02	-0.56	0.00	-3.09	0.00	3.09	693.96	346.98	444.90	219.72	16.14	-1.39	0.017
146.00	-1.98	-0.54	0.00	-2.53	0.00	2.53	687.01	343.50	435.98	215.31	16.43	-1.39	0.015
147.00	-1.94	-0.53	0.00	-1.98	0.00	1.98	680.05	340.03	427.15	210.95	16.72	-1.39	0.012
148.00	-1.91	-0.51	0.00	-1.45	0.00	1.45	673.10	336.55	418.40	206.63	17.01	-1.40	0.010
149.00	-1.87	-0.50	0.00	-0.94	0.00	0.94	666.15	333.07	409.75	202.36	17.31	-1.40	0.007
150.00	0.00	-0.45	0.00	-0.44	0.00	0.44	659.19	329.60	401.19	198.13	17.60	-1.40	0.002

Pole : 302523
 Location : New Milford CT 2, CT
 Height : 150.0 (ft)
 Base Dia : 53.90 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	31.91	0.00	55.22	0.00	0.00	2727.62	110.00	0.77
0.9D + 1.6W	31.66	0.00	41.56	0.00	0.00	2680.35	110.00	0.74
1.2D + 1.0Di + 1.0Wi	4.43	0.00	78.85	0.00	0.00	407.17	110.00	0.15
1.0D + 1.0W	7.89	0.00	46.12	0.00	0.00	669.98	110.00	0.19

Additional Steel Summary

Elev From (ft) Elev To (ft)		Member	Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
			VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Req'd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Req'd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
84.1	95.5	(3) SOL-#20 All Thre	339.7	10.2	16.8	131.2	12.0	11	12	74.7	12.0	7	16	160.9	330.5	0.487

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	50 in
	Pole Thickness	0.38 in
	Plate Diameter	63.08 in
	Plate Thickness	2 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	--- 530.14 k-in
	Applied	253.39 k-in
Stiffeners	#	0

Bolts	#	16
	Bolt Circle	58 in
	(R)adial / (S)quare	R
	Diameter	1.5 in
	Hole Diameter	1.625 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	--- 134.90 k
	Applied	88.14 k
Reinforcement	#	0
Extra Bolts O	#	8
	Bolt Circle	44 in
	(R)adial / (S)quare	S
	Bolt Gap	6 in
	Offset Angle	0 °
	Diameter	2.25 in
	Type	A615 GR 75
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	--- 259.82 k
	Applied	154.00 k

Code Rev.

G

Date

6/15/2012

Engineer

JOEJ

Site #

302523

Carrier

Sprint Nextel

Moment

2727.6 k-ft

Axial

55.2 k

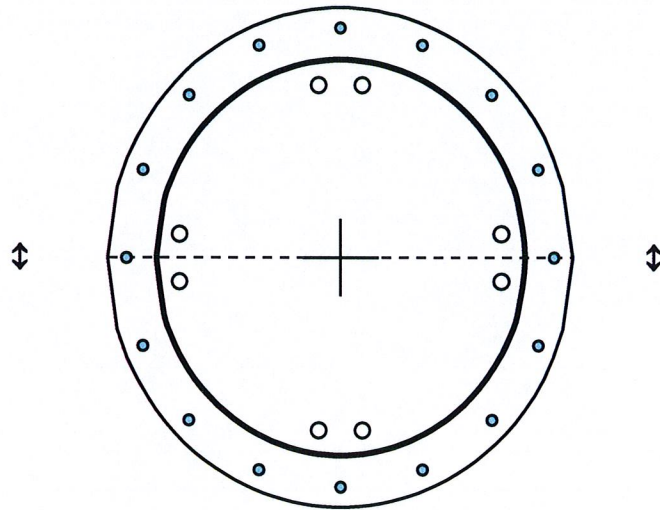


Plate Stress Ratio:

0.48

(Pass)

Bolt Stress Ratio:

0.65

(Pass)

Extra Bolt Stress Ratio:

0.59

(Pass)

Base/Flange Plate	Plate Type	Flange @ 15.0 ft
	Pole Diameter	41.726 in
	Pole Thickness	0.31 in
	Plate Diameter	54.65 in
	Plate Thickness	2 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	402.09 k-in
	Applied	146.51 k-in
	#	0
Stiffeners		

Bolts	#	12
	Bolt Circle	46.65 in
	(R)adial / (S)quare	R
	Diameter	1.5 in
	Hole Diameter	1.813 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	126.47 k
	Applied	117.87 k
Reinforcement	#	0
Extra Bolts	#	0

Code Rev. **G**

Date 6/15/2012
 Engineer JOEJ
 Site # 302523
 Carrier Sprint Nextel

Moment 1403.3 k-ft
 Axial 28.9 k

Required Flange Thickness:
1.21 in OK

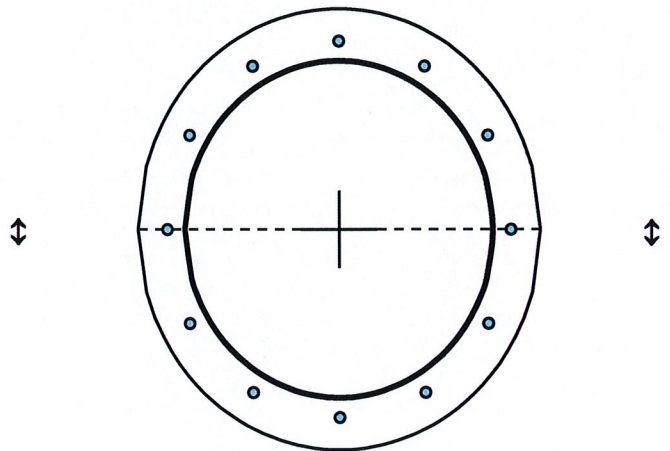


Plate Stress Ratio:
0.36 (Pass)

Bolt Stress Ratio:
0.93 (Pass)

Base/Flange Plate	Plate Type	Flange @ 55.0 ft
	Pole Diameter	35.742 in
	Pole Thickness	0.25 in
	Plate Diameter	48.456 in
	Plate Thickness	2 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	606.35 k-in
	Applied	194.08 k-in
	#	0
Stiffeners		

Bolts	#	10
	Bolt Circle	43.456 in
	(R)adial / (S)quare	R
	Diameter	1.5 in
	Hole Diameter	1.813 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	126.47 k
	Applied	73.57 k
Reinforcement	#	0
Extra Bolts	#	0

Code Rev.

G

Date

6/15/2012

Engineer

JOEJ

Site #

302523

Carrier

Sprint Nextel

Moment

679.9 k-ft

Axial

14.9 k

Required Flange Thickness:

1.13 in

OK

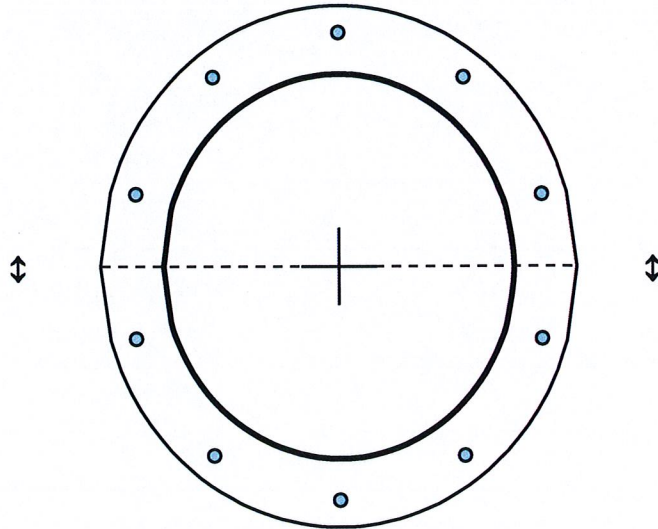


Plate Stress Ratio:

0.32

(Pass)

Bolt Stress Ratio:

0.58

(Pass)

Base/Flange Plate	Plate Type	Flange @ 110.0 ft
	Pole Diameter	21.25 in
	Pole Thickness	0.1875 in
	Plate Diameter	28.5 in
	Plate Thickness	1 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	201.01 k-in
	Applied	58.08 k-in
Stiffeners	#	6 Show
	Thickness	0.5 in
	Length	3.5 in
	Height	6 in
	Chamfer	0.5 in
	Offset Angle	0°
	Fy	50 ksi

Bolts	#	12
	Bolt Circle	25.75 in
	(R)adial / (S)quare	R
	Diameter	1 in
	Hole Diameter	1.125 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	54.52 k
Reinforcement	Applied	42.24 k
	#	0
Extra Bolts	#	0

Code Rev. **G**

Date **6/15/2012**
 Engineer **JOEJ**
 Site # **302523**
 Carrier **Sprint Nextel**

Moment **276.6 k-ft**
 Axial **8.5 k**

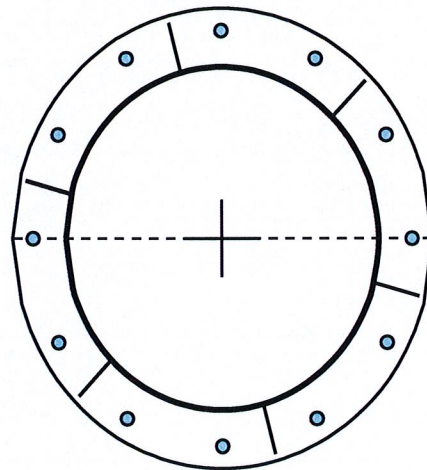


Plate Stress Ratio:

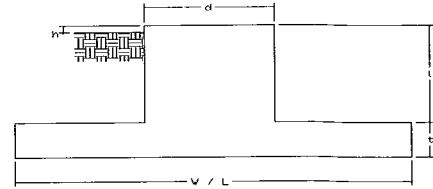
0.29 (Pass)

Bolt Stress Ratio:

0.77 (Pass)

Site Name: New Milford CT2, CT
 Site Number: 302523
 Engineering Number: 49716021
 Engineer: J. Johnston
 Date: 06/15/11
 Tower Type: MP

Program Last Updated: 6/1/2010



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

Foundation Mapped:	N		
Compression/Leg:	0.0 k	Concrete Strength (f'_c):	3000 psi
Uplift/Leg:	0.0 k	Pad Tension Steel Depth:	32.00 in
Total Shear:	27.3 k	ϕ_{Shear} :	0.75
Moment:	2332.8 k-ft	$\phi_{\text{Flexure / Tension}}$:	0.90
Tower + Appurtenance Weight:	47.2 k	$\phi_{\text{Compression}}$:	0.65
Depth to Base of Foundation ($l + t - h$):	8.00 ft	β :	0.85
Diameter of Pier (d):	6.00 ft	Bottom Pad Rebar Size #:	5
Height of Pier above Ground (h):	0.50	# of Bottom Pad Rebar:	35
Width of Pad (W):	18.00 ft	Pad Bottom Steel Area:	10.85 in ²
Length of Pad (L):	18.00 ft	Pad Steel F_y :	60000 psi
Thickness of Pad (t):	3.00 ft	Top Pad Rebar Size #:	5
Tower Leg Center to Center:	0.00 ft	# of Top Pad Rebar:	35
Number of Tower Legs:	1.0 (1 if MP or GT)	Pad Top Steel Area:	10.85 in ²
Tower Center from Mat Center:	0.00 ft	Pier Rebar Size #:	11
Depth Below Ground Surface to Water Table:	14.00 ft	Pier Steel Area (Single Bar):	1.56 in ²
Unit Weight of Concrete:	150.0 pcf	# of Pier Rebar:	14
Unit Weight of Soil Above Water Table:	110.0 pcf	Pier Steel F_y :	60000 psi
Unit Weight of Water:	62.4 pcf	Pier Cage Diameter:	64.0 in
Unit Weight of Soil Below Water Table:	55.0 pcf	Rebar Strain Limit:	0.008
Friction Angle of Uplift:	20.0 Degrees	Steel Elastic Modulus:	29000 ksi
Ultimate Coefficient of Shear Friction:	0.50	Tie Rebar Size #:	4
Ultimate Compressive Bearing Pressure:	6000.0 psf	Tie Steel Area (Single Bar):	0.20 in ²
Ultimate Passive Pressure on Pad Face:	1300.0 psf	Tie Spacing:	12 in
$\phi_{\text{Soil and Concrete Weight}}$:	0.9	Tie Steel F_y :	40000 psi
ϕ_{Soil} :	0.75		

Overturning Moment Usage

Design OTM:	2564.8 k-ft
OTM Resistance:	3377.4 k-ft
Design OTM / OTM Resistance:	0.76 Result: OK

Soil Bearing Pressure Usage:

Total Weight (Foundation, Soil, Tower):	371.1 k
Net Bearing Pressure:	4576 psf
Nominal Bearing Pressure:	4500 psf
Net Bearing Pressure/Nominal Bearing Pressure:	1.02 Result: Acceptable
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge

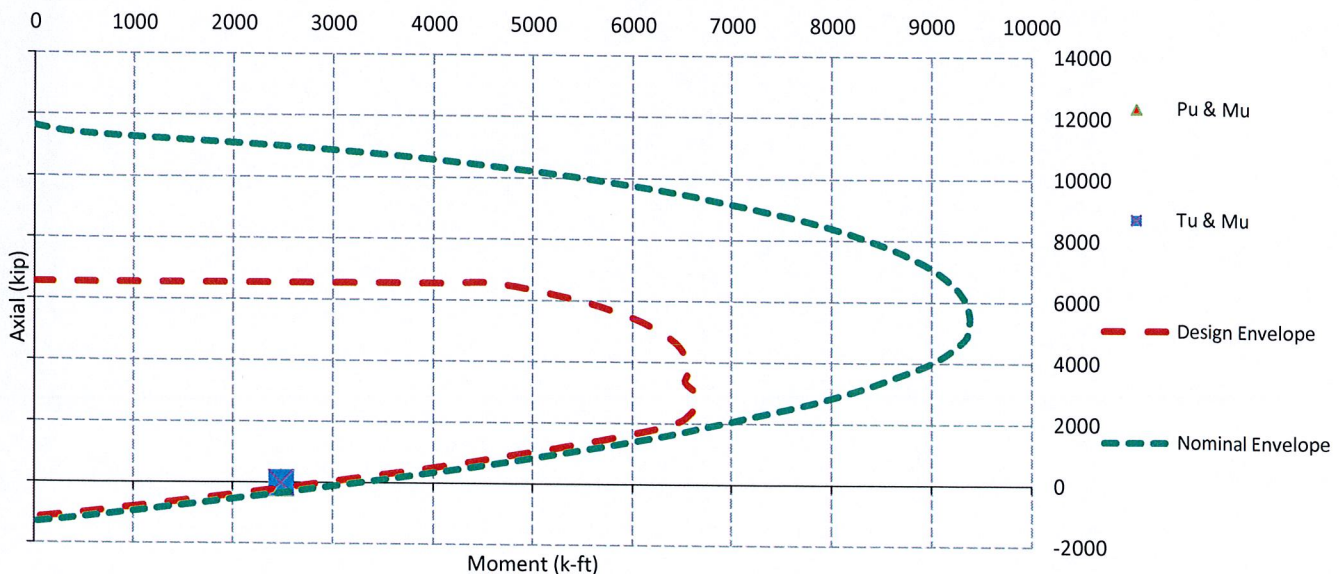
Sliding Factor of Safety

Total Factored Sliding Resistance:	186.6 k
Sliding Design / Sliding Resistance:	0.15 Result: OK

One Way Shear, Flexural Capacity, and Punching Shear

Factored One Way Shear (V_u):	148.6 k
One Way Shear Capacity (ϕV_c):	445.5 k - ACI11.3.1.1
$V_u / \phi V_c$:	0.33 Result: OK
Load Direction Controlling Shear Capacity:	Diagonal to Pad Edge
Lower Steel Pad Factored Moment (M_u):	898.2 k-ft
Lower Steel Pad Moment Capacity (ϕM_n):	1611.9 k-ft - ACI10.3
$M_u / \phi M_n$:	0.56 Result: OK
Load Direction Controlling Flexural Capacity:	Diagonal to Pad Edge
Upper Steel Pad Factored Moment (M_u):	506.9 k-ft
Upper Steel Pad Moment Capacity (ϕM_n):	1537.9 k-ft
$M_u / \phi M_n$:	0.33 Result: OK
Lower Pad Flexural Reinforcement Ratio:	0.0016 OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Upper Pad Flexural Reinforcement Ratio:	0.0016 OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Lower Pad Reinforcement Spacing:	6 in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Upper Pad Reinforcement Spacing:	6 in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Factored Punching Shear (V_u):	0.0 k
Nominal Punching Shear Capacity ($\phi_c V_n$):	1718.0 k - ACI11.12.2.1
$V_u / \phi V_c$:	0.00 Result: OK
Factored Moment in Pier (M_u):	2482.9 k-ft
Pier Moment Capacity (ϕM_n):	3087.5 k-ft
$M_u / \phi M_n$:	0.80 Result: OK
Factored Shear in Pier (V_u):	27.3 k
Pier Shear Capacity (ϕV_n):	334.5 k
$V_u / \phi V_c$:	0.08 Result: OK
Pier Shear Reinforcement Ratio:	0.0005 No Ties Necessary for Shear - ACI11.5.6.1
Factored Tension in Pier (T_u):	0.0 k
Pier Tension Capacity (ϕT_n):	1179.4 k
$T_u / \phi T_n$:	0.00 Result: OK
Factored Compression in Pier (P_u):	0.0 k
Pier Compression Capacity (ϕP_n):	6051.3 k - ACI10.3.6.2
$P_u / \phi P_n$:	0.00 Result: OK
Pier Compression Reinforcement Ratio:	0.005 OK - Reinforcement Ratio Met - ACI10.9.1 & 10.8.4
$M_u / \phi M_n + T_u / \phi T_n$:	0.80 Result: OK

Nominal and Design Moment Capacity and Factored Design Loads





Know what's below.
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APPROVALS				
	DATE	APPROVED	APPROVED AS NOTED	DISAPPROVED REVISE
SPRINT REPRESENTATIVES		☐	☐	☐
SPRINT RF ENGINEER		☐	☐	☐
SITE OWNER		☐	☐	☐
		☐	☐	☐

Sprint®



SITE ID: CT33XC097
SITE NAME: WAYMART 2 / SNET

THE STRUCTURAL ENGINEERING CONCERNING THE STRUCTURAL STABILITY OF THE TOWER/POLE, FOUNDATION, ANTENNAS, MOUNTS AND ALL ASSOCIATED ANCILLARY RADIO EQUIPMENT IS BEING COMPLETED BY OTHERS. KMB DESIGN GROUP, LLC HAS NOT BEEN REQUESTED TO PERFORM ANY STRUCTURAL ANALYSIS SERVICES TO VERIFY WITHIN THESE SIGNED AND SEALED DRAWINGS. FURTHERMORE KMB DESIGN GROUP, LLC HAS NOT BEEN REQUESTED TO PHYSICALLY CONFIRM THE EXISTING MOUNT CONFIGURATION AND PERFORM A STRUCTURAL ANALYSIS TO VERIFY THAT THE EXISTING, INTERIM AND PROPOSED ANTENNAS, MOUNTS AND ALL ASSOCIATED ANCILLARY RADIO EQUIPMENT CAN BE SAFELY SUPPORTED. SIGNED AND SEALED DRAWINGS REVISED TO STATE "ISSUED FOR CONSTRUCTION" SHALL BE PROVIDED TO THE PROFESSIONAL ENGINEERS RESPONSIBLE FOR THE STRUCTURAL ANALYSIS OF THE TOWER/POLE, ANTENNAS, MOUNTS AND ALL ASSOCIATED ANCILLARY RADIO EQUIPMENT. KMB DESIGN GROUP, LLC SHALL BE NOTIFIED SHOULD THE STRUCTURAL ANALYSIS RESULT IN SOME ELEMENTS NOT BEING STRUCTURALLY CAPABLE OF SUPPORTING THE PROPOSED DESIGN DEPICTED. THE CONTRACTOR SHALL NOT COMMENCE CONSTRUCTION WITHOUT OBTAINING (A) A SIGNED AND SEALED COPY OF THE PLANS "ISSUED FOR CONSTRUCTION"; (B) STRUCTURAL ANALYSIS REPORT STATING THAT THE TOWER/POLE/FOUNDATION IS CAPABLE OF SUPPORTING THE PROPOSED LOADING REFERENCING THE SIGNED AND SEALED PLANS BY KMB DESIGN GROUP, LLC; (C) SPRINT PLATFORM ANALYSIS STATING THAT THE SPRINT PLATFORM IS CAPABLE OF SUPPORTING THE PROPOSED DESIGN AS REFERENCED WITHIN THE SIGNED AND SEALED PLANS BY KMB DESIGN GROUP, LLC.

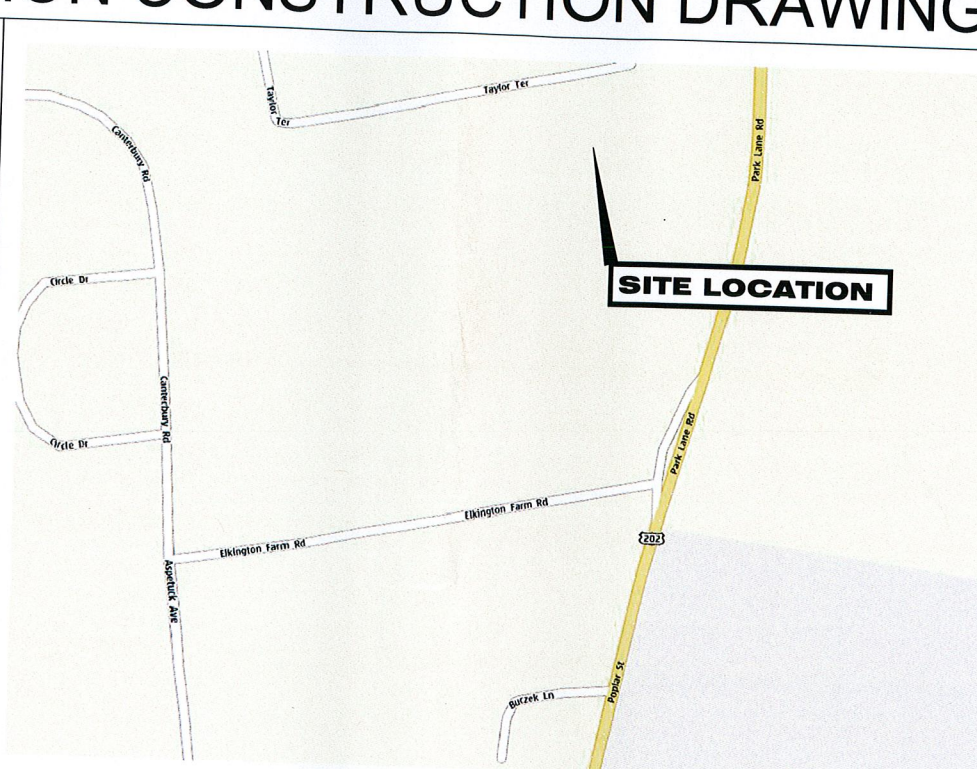
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Alcatel-Lucent

NETWORK VISION CONSTRUCTION DRAWINGS



AERIAL VIEW
SCALE: NTS



LOCATION MAP
SCALE: NTS

SITE INFORMATION
BLOCK: TBD
LOT: TBD
MAP: TBD
ZONING CLASSIFICATION: TBD
ZONING JURISDICTION: TBD

PROJECT INFORMATION:
SITE ADDRESS:
4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY
COORDINATES:
LATITUDE: 41° 35' 27.0"
LONGITUDE: -73° 24' 31.0"] DATUM: NAD 83
STRUCTURE HEIGHT:
±150'-0" (TOP OF EXISTING MONOPOLE)

PROJECT DIRECTORY:
PROPERTY OWNER:
SOUTHERN TOWERS LLC

APPLICANT:
SPRINT-NEXTEL
6200 SPRINT PARKWAY
OVERLAND PARK, KS 66251

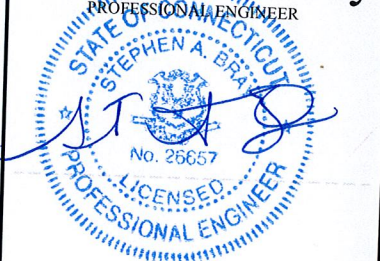
ENGINEER:
KMB DESIGN GROUP, LLC
1800 ROUTE 34, SUITE 209
WALL, NJ 07719
KEITH DRENNAN - PROJECT MANAGER
(732) 280-5623

POWER COMPANY:
CONNECTICUT LIGHT & POWER
P.O. BOX 270
HARTFORD, CT 06141-0270
(800) 286-2000

CONSTRUCTION MANAGER:
TODD AMANN
(914) 715-9363



Stephen A. Bray
PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER:
332.1571

SITE INFORMATION:
4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY

CT33XC097

PROJECT TYPE:
NETWORK VISION

DRAWN BY: JLS CHECKED BY: DATE: 05-14-12

SHEET TITLE:
COVER SHEET

SHEET NUMBER: REV:

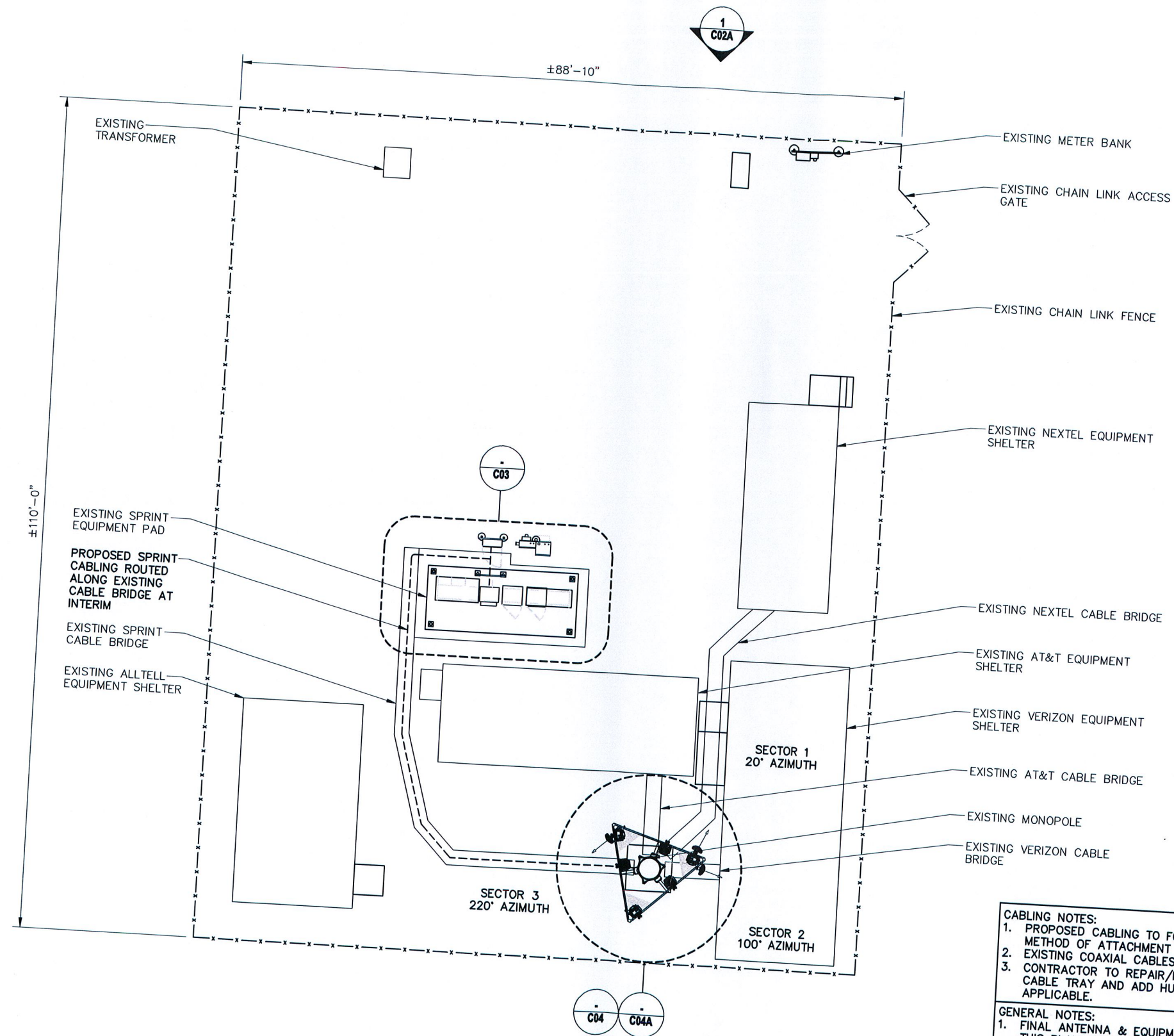
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K:\332_Sprint\332.1571_AlcateLucent\332.1571_CT33XC097_4 Elkington Farm Road\332.1571_CAD\332.1571_Construction\332.1571.dwg, 8/29/2012 6:04:27 PM, rgonzalez

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1 COMPOUND PLAN

11x17 SCALE: 1/16" = 1'-0"

24x36 SCALE: 1/8" = 1'-0"

CABLING NOTES:
1. PROPOSED CABLING TO FOLLOW EXISTING ROUTE AND METHOD OF ATTACHMENT AT INTERIM.
2. EXISTING COAXIAL CABLES TO BE REMOVED AT FINAL.
3. CONTRACTOR TO REPAIR/REPLACE ANY MISSING/DAMAGED CABLE TRAY AND ADD HURRICANE STRAPS AS REQUIRED IF APPLICABLE.

GENERAL NOTES:
1. FINAL ANTENNA & EQUIPMENT CONFIGURATION SHOWN ON THIS PLAN. SEE EQUIPMENT & ANTENNA PLAN SHEETS FOR EXISTING AND INTERIM CONFIGURATION.
2. CONTRACTOR TO REPLACE ALL MISSING GROUND BARS AND GROUNDING CONNECTIONS AS REQUIRED WITH GALVANIZED GROUND BARS. CONTRACTOR SHALL PROVIDE BEFORE & AFTER PHOTOS.
3. CONTRACTOR TO RESTORE ANY RUST AREA TO ORIGINAL CONDITION AND PROTECTIVE COATING TO BE APPLIED.
4. STRUCTURAL ANALYSIS PROVIDED UNDER SEPARATE COVER.
5. PROPOSED SPRINT GPS UNIT TO REPLACE EXISTING GPS AT FINAL.

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REV.	DATE	REVISION DESCRIPTION	DRAWN BY	CHKD. BY
0	08-30-12	ISSUED FOR CONSTRUCTION	JRF	KCD

KMB
DESIGN GROUP
kmbdg.com
1800 ROUTE 34, SUITE 209
WALL, NJ 07719
(732) 280-5623

Stephen A. Bray
PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER: 332.1571

SITE INFORMATION:
4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY

CT33XC097

PROJECT TYPE: NETWORK VISION

DRAWN BY: JLS CHECKED BY: DATE: 05-14-12

SHEET TITLE: COMPOUND PLAN

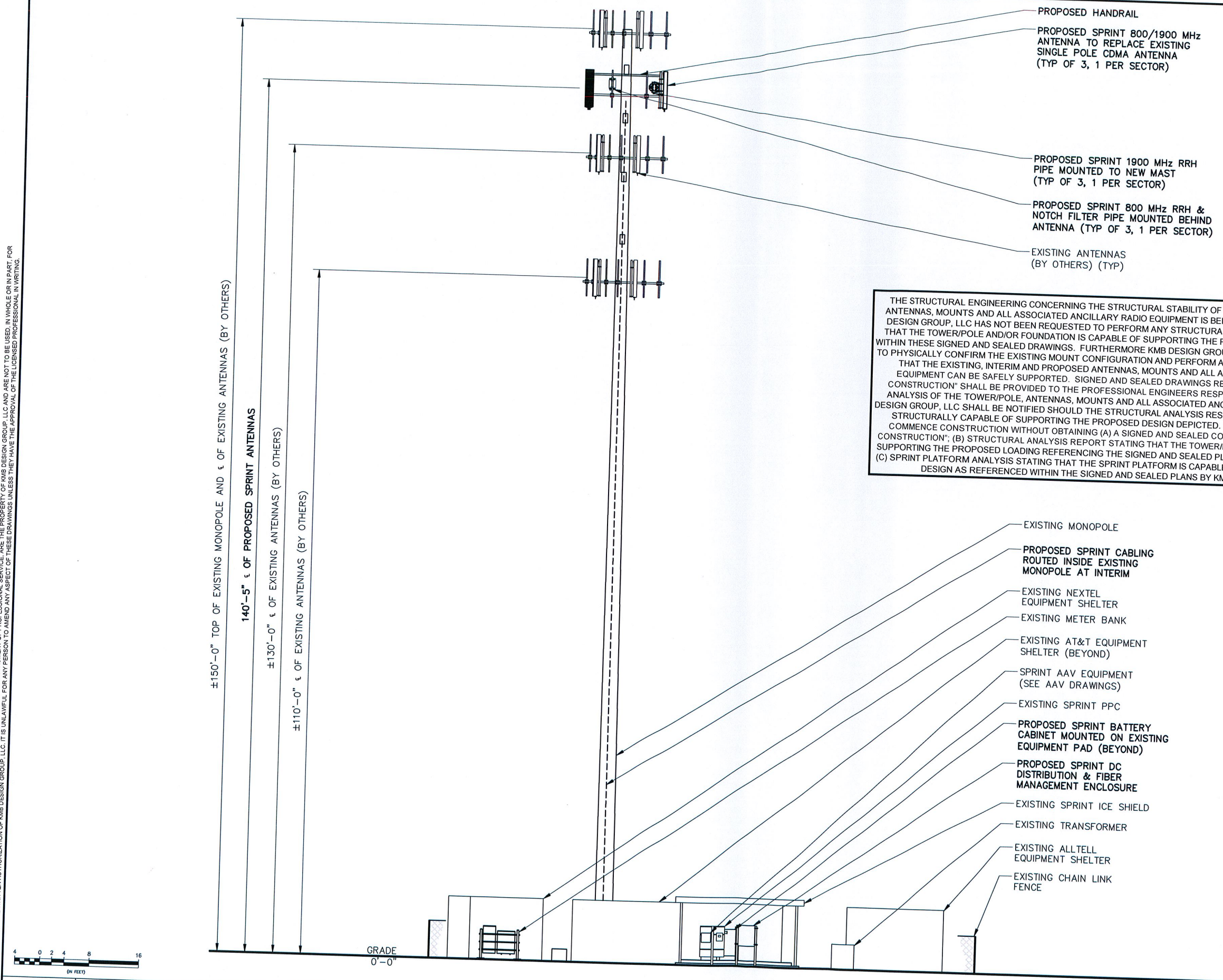
SHEET NUMBER: REV.:

C02

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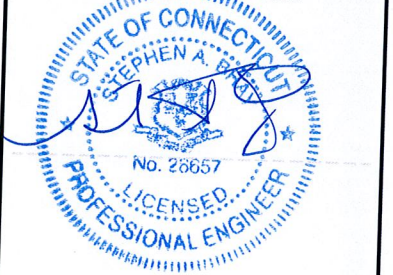
THE STRUCTURAL ENGINEERING CONCERNING THE STRUCTURAL STABILITY OF THE TOWER/POLE, FOUNDATION, ANTENNAS, MOUNTS AND ALL ASSOCIATED ANCILLARY RADIO EQUIPMENT IS BEING COMPLETED BY OTHERS. KMB DESIGN GROUP, LLC HAS NOT BEEN REQUESTED TO PERFORM ANY STRUCTURAL ANALYSIS SERVICES TO VERIFY THAT THE TOWER/POLE AND/OR FOUNDATION IS CAPABLE OF SUPPORTING THE PROPOSED EQUIPMENT DEPICTED WITHIN THESE SIGNED AND SEALED DRAWINGS. FURTHERMORE KMB DESIGN GROUP, LLC HAS NOT BEEN REQUESTED TO PHYSICALLY CONFIRM THE EXISTING MOUNT CONFIGURATION AND PERFORM A STRUCTURAL ANALYSIS TO VERIFY THAT THE EXISTING, INTERIM AND PROPOSED ANTENNAS, MOUNTS AND ALL ASSOCIATED ANCILLARY RADIO EQUIPMENT CAN BE SAFELY SUPPORTED. SIGNED AND SEALED DRAWINGS REVISED TO STATE "ISSUED FOR CONSTRUCTION" SHALL BE PROVIDED TO THE PROFESSIONAL ENGINEERS RESPONSIBLE FOR THE STRUCTURAL ANALYSIS OF THE TOWER/POLE, ANTENNAS, MOUNTS AND ALL ASSOCIATED ANCILLARY RADIO EQUIPMENT. KMB DESIGN GROUP, LLC SHALL BE NOTIFIED SHOULD THE STRUCTURAL ANALYSIS RESULT IN SOME ELEMENTS NOT BEING STRUCTURALLY CAPABLE OF SUPPORTING THE PROPOSED DESIGN DEPICTED. THE CONTRACTOR SHALL NOT COMMENCE CONSTRUCTION WITHOUT OBTAINING (A) A SIGNED AND SEALED COPY OF THE PLANS "ISSUED FOR CONSTRUCTION"; (B) STRUCTURAL ANALYSIS REPORT STATING THAT THE TOWER/POLE/FOUNDATION IS CAPABLE OF SUPPORTING THE PROPOSED LOADING REFERENCING THE SIGNED AND SEALED PLANS BY KMB DESIGN GROUP, LLC; (C) SPRINT PLATFORM ANALYSIS STATING THAT THE SPRINT PLATFORM IS CAPABLE OF SUPPORTING THE PROPOSED DESIGN AS REFERENCED WITHIN THE SIGNED AND SEALED PLANS BY KMB DESIGN GROUP, LLC.



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0	08-30-12	ISSUED FOR CONSTRUCTION	JRF	KCD
REV.	DATE	REVISION DESCRIPTION	DRAWN BY	CHKD. BY

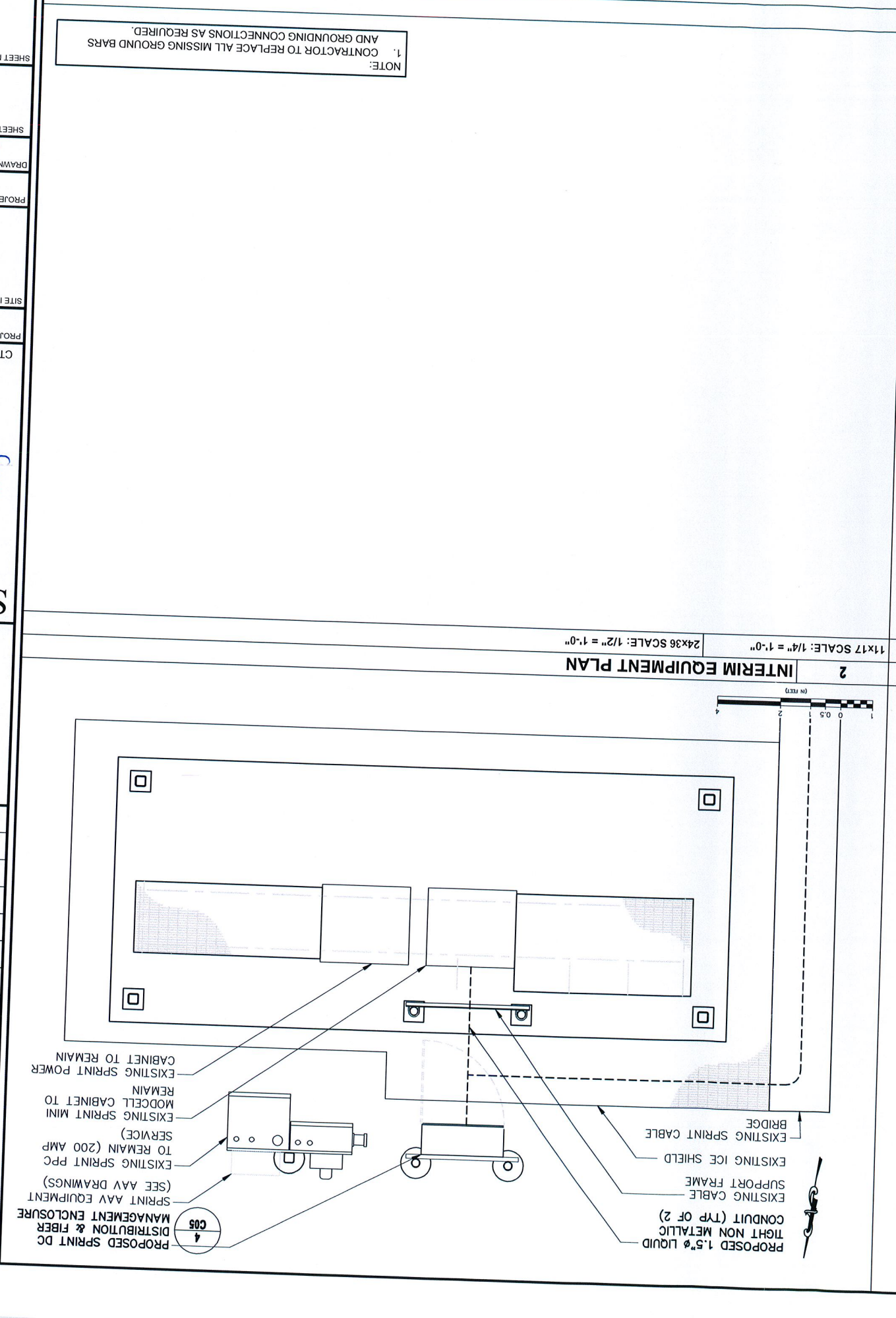


Stephen A. Bray
PROFESSIONAL ENGINEER

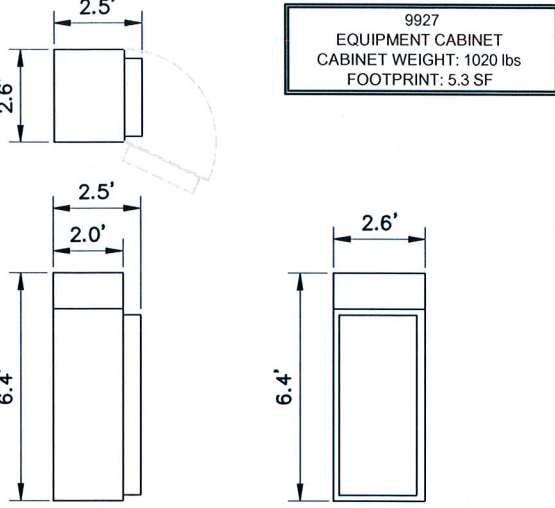
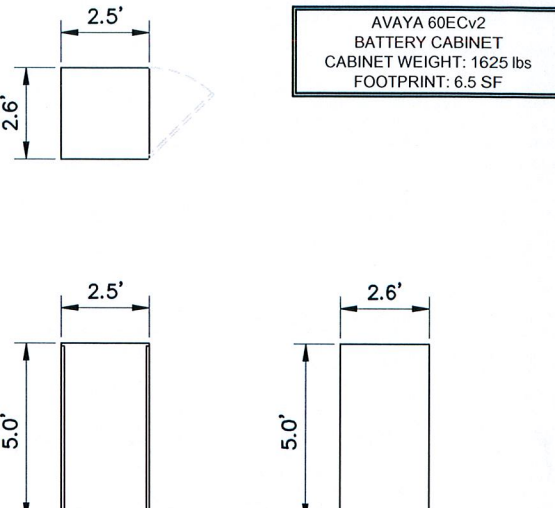
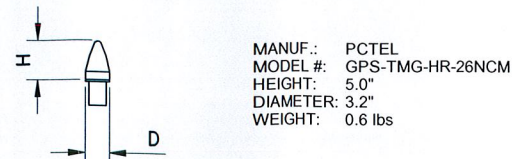
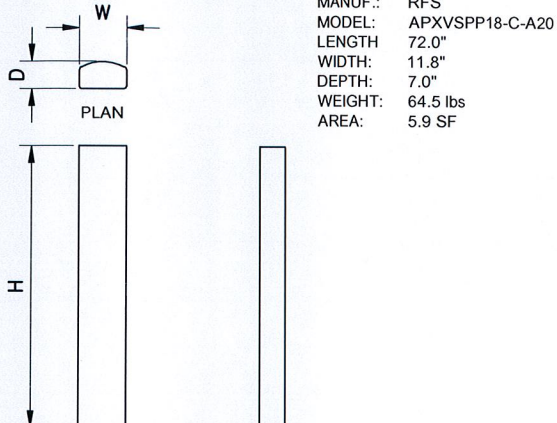
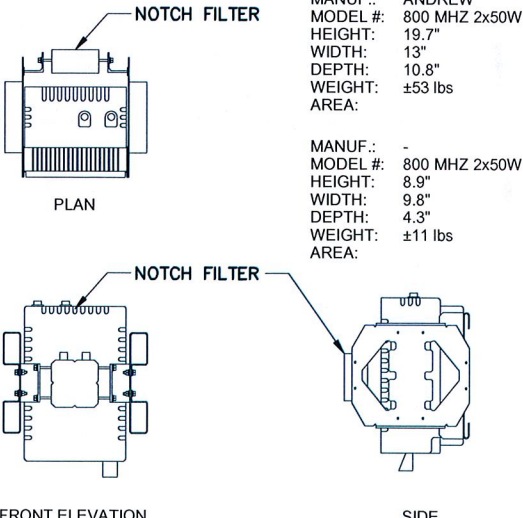
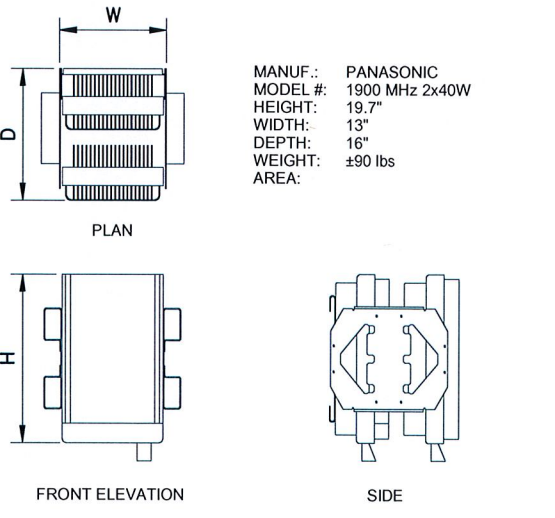


CT LICENSE: 26657		8/29/12
PROJECT NUMBER: 332.1571		
SITE INFORMATION: 4 ELKINGTON FARM ROAD NEW MILFORD, CT 06776 LITCHFIELD COUNTY CT33XC097		
PROJECT TYPE: NETWORK VISION		
DRAWN BY: JLS	CHECKED BY:	DATE: 05-14-12
SHEET TITLE: ELEVATION		
SHEET NUMBER: C02A		REV.: 0

1 NORTH ELEVATION
11x17 SCALE: 1/16" = 1'-0"
24x36 SCALE: 1/8" = 1'-0"



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						DETAIL NOT USED	
1EQUIPMENT CABINET SPECIFICATIONS		2BATTERY CABINET SPECIFICATION		3GPS UNIT SPECIFICATIONS		4	
11x17 SCALE: 3/16" = 1'-0"		11x17 SCALE: 3/16" = 1'-0"		11x17 SCALE: 1/4" = 1'-0"		24x36 SCALE: 1/2" = 1'-0"	
24x36 SCALE: 3/8" = 1'-0"		24x36 SCALE: 3/8" = 1'-0"		24x36 SCALE: 1/2" = 1'-0"			
DETAIL NOT USED		DETAIL NOT USED				DETAIL NOT USED	
5		6		7ANTENNA SPECIFICATIONS - 800/1900 MHz		8	
				SCALE: NTS			
				DETAIL NOT USED			
9RRH SPECIFICATIONS - 800 MHz		10RRH SPECIFICATIONS - 1900 MHz		11			
11x17 SCALE: 1/2" = 1'-0"		11x17 SCALE: 1/2" = 1'-0"		24x36 SCALE: 1" = 1'-0"			
24x36 SCALE: 1" = 1'-0"		24x36 SCALE: 1" = 1'-0"					



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0	08-30-12	ISSUED FOR CONSTRUCTION	JRF	KCD
REV.	DATE	REVISION DESCRIPTION	DRAWN BY	CHKD. BY



1800 ROUTE 34, SUITE 209
WALL, NJ 07719
(732) 280-5623

Stephen A. Bray

PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER: 332.1571

SITE INFORMATION:
4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY
CT33XC097

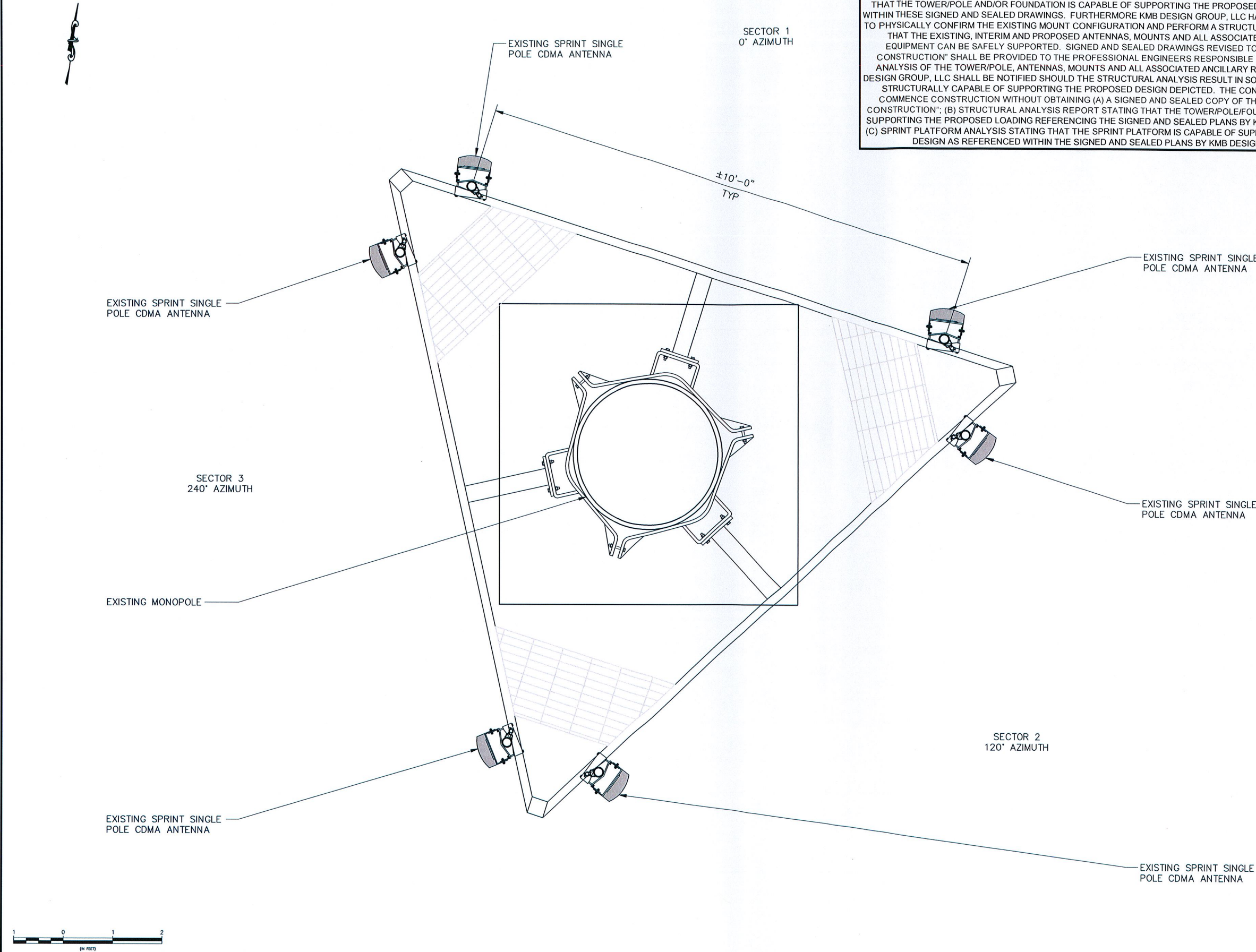
PROJECT TYPE: NETWORK VISION

DRAWN BY: JLS CHECKED BY: DATE: 05-14-12

SHEET TITLE: EQUIPMENT & ANTENNA SPECIFICATIONS

SHEET NUMBER: C03A REV.: 0

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REV.	DATE	REVISION DESCRIPTION	DRAWN BY	CHKD. BY	



Stephen A. Bray
PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER:
332.1571

SITE INFORMATION:
4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY
CT33XC097

PROJECT TYPE:
NETWORK VISION

DRAWN BY:	CHECKED BY:	DATE:
JLS		05-14-12

SHEET TITLE:
**EXISTING ANTENNA PLAN
(ALL SECTORS)**

SHEET NUMBER:	REV.:
C04	0

1 EXISTING ANTENNA PLAN @ ±140'-5" AGL (ALL SECTORS)

11x17 SCALE: 1/2" = 1'-0" 24x36 SCALE: 1" = 1'-0"

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9
C03A

PROPOSED SPRINT 800 MHz RRH & NOTCH FILTER PIPE MOUNTED BEHIND ANTENNA

7
C03A

PROPOSED SPRINT 800/1900 MHz ANTENNA TO REPLACE EXISTING SINGLE POLE CDMA ANTENNA

10
C03A

PROPOSED SPRINT 1900 MHz RRH PIPE MOUNTED TO NEW MAST

EXISTING MONOPOLE

SECTOR 3
220° AZIMUTH

EXISTING SPRINT SINGLE POLE CDMA ANTENNA TO BE REMOVED. PIPE MAST TO REMAIN.

10
C03A

PROPOSED SPRINT 1900 MHz RRH PIPE MOUNTED TO NEW MAST

SECTOR 1
20° AZIMUTH

7
C03A

PROPOSED SPRINT 800/1900 MHz ANTENNA TO REPLACE EXISTING SINGLE POLE CDMA ANTENNA

9
C03A

PROPOSED SPRINT 800 MHz RRH & NOTCH FILTER PIPE MOUNTED BEHIND ANTENNA

SECTOR 2
100° AZIMUTH

7
C03A

PROPOSED SPRINT 800/1900 MHz ANTENNA TO REPLACE EXISTING SINGLE POLE CDMA ANTENNA

10
C03A

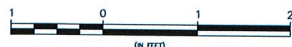
PROPOSED SPRINT 1900 MHz RRH PIPE MOUNTED TO NEW MAST

PROPOSED HANDRAIL KIT BY SABRE, PART NO. CT10-116-813, OR APPROVED EQUAL

9
C03A

PROPOSED SPRINT 800 MHz RRH & NOTCH FILTER PIPE MOUNTED TO EXISTING MAST

EXISTING SPRINT SINGLE POLE CDMA ANTENNA TO BE REMOVED. PIPE MAST TO REMAIN.



1

FINAL ANTENNA PLAN @ ±140'-5" AGL (ALL SECTORS)

11x17 SCALE: 1/2" = 1'-0"

24x36 SCALE: 1" = 1'-0"

Sprint

Alcatel-Lucent

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REV.	DATE	REVISION DESCRIPTION	DRAWN BY	CHKD. BY	

KMB
DESIGN GROUP
kmbdg.com
1800 ROUTE 34, SUITE 209
WALL, NJ 07719
(732) 280-5623

Stephen A. Bray
PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER:
332.1571

SITE INFORMATION:
**4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY**

CT33XC097

PROJECT TYPE:
NETWORK VISION

DRAWN BY: JLS CHECKED BY: DATE: 05-14-12

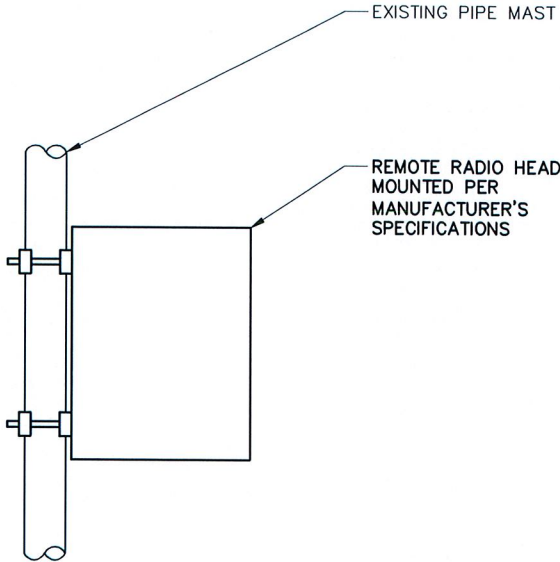
SHEET TITLE:
**FINAL ANTENNA PLAN
(ALL SECTORS)**

SHEET NUMBER: REV.:

C04A 0

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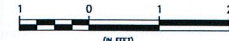


1 RRH MOUNT DETAIL

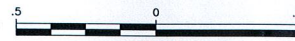
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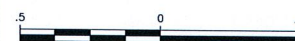
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				
				



11x17 SCALE: 3/8" = 1'-0"	24x36 SCALE: 3/4" = 1'-0"
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11x17 SCALE: 1 1/2" = 1'-0"	24x36 SCALE: 3" = 1'-0"
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11x17 SCALE: 1 1/2" = 1'-0"	24x36 SCALE: 3" = 1'-0"
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11x17 SCALE: 3/8" = 1'-0"	24x36 SCALE: 3/4" = 1'-0"
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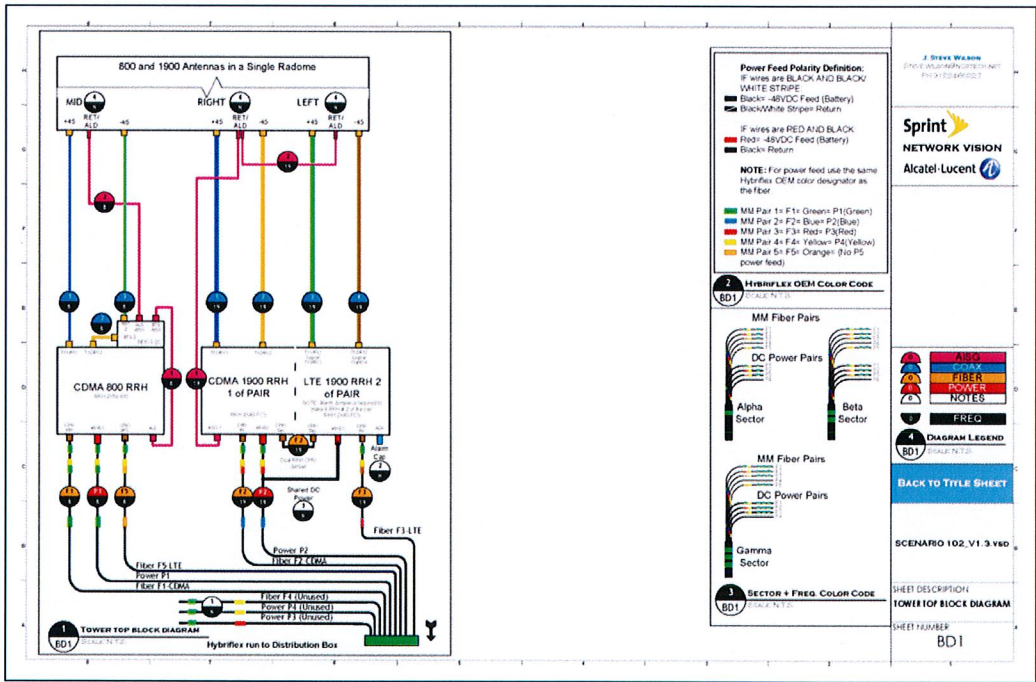


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FINAL ANTENNA AND CABLE SCHEDULE																	
SECTOR	ANTENNA	AZIMUTH (DEGREES)	MECHANICAL DT (DEGREES)	ELECTRICAL DT (DEGREES)		RAD CENTER AGL (FT)	ANTENNA		RRH		TOP COAX JUMPER		COMBINER JUMPER		NOTCH FILTER JUMPER		HYBRIFLEX LENGTH (FT)
							MAKE	MODEL	QTY	QTY	LENGTH (FT)	QTY	LENGTH (FT)	QTY	LENGTH (FT)		
1	-																275
	-																
	800/1900	20	0	800 -8 1900 -2	140.4	RFS	APXVSPP18-C-A20	800 1 1900 1		6	6	-	-	1	3		
2	800/1900	100	0	800 -6 1900 0	140.4	RFS	APXVSPP18-C-A20	800 1 1900 1		6	10	-	-	1	3		275
	-																
	-																
3	-																275
	-																
	800/1900	220	0	800 -3 1900 -3	140.4	RFS	APXVSPP18-C-A20	800 1 1900 1		6	6	-	-	1	3		

- NOTES:
1. DUE TO FIELD MEASUREMENTS AND THE INSTALLATION OF NEW ANTENNAS THAT VARY IN SIZE FROM THE EXISTING ANTENNAS, THE ANTENNA RAD CENTER HAS CHANGED FROM WHAT IS ON RECORD. THE DATABASE MAY NEED TO BE UPDATED TO MATCH THESE PLANS.
 2. SOME CABLING MAY CHANGE AT THE TIME OF CONSTRUCTION. CONTRACTOR TO CONFIRM ALL CABLE LENGTHS, TYPE, QUANTITIES, AND CONFIGURATION PRIOR TO CONSTRUCTION.
 3. ALL UNUSED POWER AND FIBER MUST BE PROPERLY TERMINATED AND WEATHERPROOFED.

CONTRACTOR TO VERIFY & USE THE LATEST TOWER TOP SCENARIO AS PROVIDED BY ALCATEL-LUCENT CONSTRUCTION MANAGER



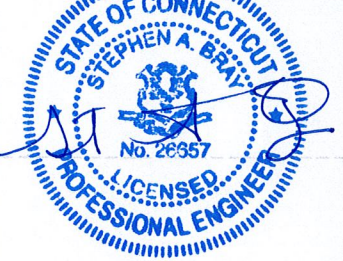
ALL SECTORS



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△	08-30-12	ISSUED FOR CONSTRUCTION	JRF	KCD
REV.	DATE	REVISION DESCRIPTION	DRAWN BY	CHKD. BY



Stephen A. Bray
PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER: 332.1571

SITE INFORMATION:
4 ELKINGTON FARM ROAD
NEW MILFORD, CT 06776
LITCHFIELD COUNTY

CT33XC097

PROJECT TYPE: NETWORK VISION

DRAWN BY: JLS CHECKED BY: DATE: 05-14-12

SHEET TITLE: RF SCHEDULE

SHEET NUMBER: REV.:

C06

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GENERAL SPECIFICATIONS

- Contractor shall verify that the total number of service entrance disconnects in the existing utility company pedestal must not exceed six. If the new service added exceeds this value, contractor must coordinate with the utility company and authority having jurisdiction. Run an additional exclusive and dedicated service lateral set for the new load added to the compound as per NEC Article # 230-2(B)
- All work should be done in a neat workmanlike manner, left clean and free from defects, and completely operable. The contractor shall provide all equipment as scheduled on the drawings. All materials shall be new and all work and materials shall be guaranteed by the contractor for a period of one (1) year from the date of acceptance by the owner.
- All work shall be carefully coordinated with the landlord and all trades involved, and the contractor shall provide proper connections, fittings, valves, piping, etc. for all equipment furnished by carrier or other trades involved in this contract.
- Contractor shall inform the engineer immediately of any conflict discovered before performing any work related to such conflict.
- Provide all required temporary utilities and pay all associated fees and operating costs.
- Before submitting this bid, the contractor shall visit the job site to examine and fully acquaint himself with the existing job conditions, paying particular attention to the location of existing conditions to make a complete and operable system without additional cost to the carrier or the engineer.
- Obtain all permits and approvals from authorities having jurisdiction and paying all fees required.
- Label all equipment served from Sprint panelboard with phenolic labels sized in relation to usage.
- Contractor to provide and install engraved label on the Sprint meter socket enclosure.
- Redlined As-Builts are to be delivered to a Sprint representative.
- The equipment/protections must be rated for standard of AIC rate higher than incoming equipment and/or utility company AIC rate.

GROUNDING NOTES

- The subcontractor is responsible for properly sequencing grounding and underground conduit installation as to prevent any loss of continuity in the grounding system or damage to the conduit.
- All exterior ground conductors shall be #2 AWG solid tinned copper unless otherwise indicated.
- All ground connections above grade (interior & exterior) shall be formed using high press crimps.
- All ground connections below grade shall be exothermic (Cadweld).
- Connections to equipment and enclosures shall be made utilizing two-hole ground lugs with an antioxidant compound.
- Maximum resistance of the completed ground system shall not exceed 5 Ohms. Testing shall be performed in accordance with technical specification for facility grounding, using fall potential method.
- Where grounding connections are made to painted metal surfaces shall be scraped clean to bear metal to ensure proper contact. Surfaces shall be restored to match original finishes.
- Use of 90° bends in the protection grounding conductors shall be avoided when 45° bends can be adequately supported.
- Ground depth shall be 30" minimum below finished grade, or 6" below frost line, whichever is greater.

ELECTRICAL SYMBOLS		ABBREVIATIONS	
WIRING SYMBOLS		AWG	AMERICAN WIRE GAUGE
	DISCONNECT SWITCH	BCW	BARE COPPER WIRE
	METER	DWG	DRAWING
	CIRCUIT BREAKER	EMT	ELECTRICAL METALLIC TUBING
	CADWELD TYPE CONNECTION	GEN	GENERATOR
	COMPRESSION TYPE CONNECTION	MGB	MASTER GROUND BAR
	GROUND ROD WITH ACCESS	PVC	RIGID (SCH 40) PVC CONDUIT
	CHEMICAL GROUND ROD	RGS	RIGID GALVANIZED STEEL
	GROUND ROD	RWY	RACEWAY
	CONDUIT TURNING DOWN	TYP	TYPICAL
	CONDUIT TURNING UP		
	JUNCTION BOX		
	PULL BOX		
	CONDUIT RUNNING ABOVE GRADE		
	CONDUIT RUNNING UNDER GROUND		

ELECTRICAL SPECIFICATIONS

- General:
 - The electrical contractor shall furnish all labor, materials, tools, transportation equipment, services and facilities required for the complete, proper and substantial installation of all electrical work. All fixtures, devices, and equipment shown, noted or required on these drawings, and/or contained herein shall be connected from the source of electric power to the final connection, tested and made ready for satisfactory operation.
 - Service equipment shall be 120/240 VAC, 100 Amp, single phase, unless otherwise directed by the Sprint Construction Manager.
 - Unless otherwise indicated, the arrangement, position, connections, etc. shown on the drawings shall be taken on a diagram basis. The right is reserved by the engineer to make minor changes in locations and arrangements when required by job development without additional compensation to the contractor.
 - All work shall conform to the adopted edition of the National Electrical Code and local, state and applicable codes.
 - When a utility company meter is specified, the contractor shall obtain all associated cut-in cards, inspections, etc., necessary to have the meter set. It is the responsibility of the contractor to meet with utility company prior to construction to verify source of electric service, tap and meter location.
- Identification:
 - Provide typewritten directories for panels, indicating use of each branch circuit and designating spare circuits. Handwritten directories are not acceptable.
 - All panel boards, switches and other equipment enclosures shall bear engraved nameplates as manufactured by Seton Nameplate Corp., or equal lettering to be 1/2" white letters on black background unless noted otherwise.
- Raceways:
 - Minimum conduit size shall be 3/4" unless otherwise noted on the drawings.
 - Exposed raceways shall be run true, plumb, and parallel or perpendicular to building lines.
 - Conduit routings are schematic. Sub contractor shall install conduits so that access to equipment is not blocked.
- Wiring Methods:
 - All feeders shall consist of pulled conductors in conduit. All branch circuits shall consist of pulled conductors in conduit. Except 15 and 20 Ampere 1 pole lighting receptacles, miscellaneous branch circuits concealed above suspended ceilings or within dry walls shall consist of type MC metal clad cable if allowed by code. Connections to communications cabinets and vibrating equipment shall consist of pulled conductors in LFMC, maximum 6' in length.
 - Conductors shall be continuous from origin to panel or equipment without splices. Where tap splices are necessary and approved, they shall be made with suitable connectors in junction boxes.
 - Equipment ground conductors shall be provided for all feeders and branch circuits.
 - The contractor shall conceal all conduit routing passing through finished areas. Conduit routing through unfinished shall be supported as specified in drawings. Unless clearly specified, no conduits shall be routed on exterior surface of buildings.
 - All conductor terminals shall be U.L. listed for minimum of 75° C.
 - Provide fire stopping around all conduits at wall and floor penetrations.
 - Seal all exterior wall penetrations as required.
 - Underground conduits shall be a minimum of 24" below finished grade. All underground work shall be documented by photograph before any backfill is begun. Photos will be required at time punchlist is performed. Feeders shall be individual conductors in schedule 40 PVC, direct burial conduit. When buried conduits are subject to vehicular traffic, conduits shall be encased in concrete. All sweeps below grade shall be schedule 80 PVC.
 - All feeders in "damp" or "wet" locations shall consist of individual conductor in rigid galvanized steel or rigid aluminum conduit. Liquid-tight flexible metallic conduit shall be utilized when connecting to equipment cabinets and vibrating equipment. The maximum length for flexible conduit shall be 6'-0".
- Wiring Devices:
 - Switches, receptacles and other wiring devices shall be specification grade of type, size and rating indicated on the drawings.
- Disconnect Switches:
 - Switches shall be quick-make, quick-break NEMA 1 for indoor use and NEMA 3R for outdoor use as manufactured by General Electric, Square D or equal. Electrical contractor to provide all safety disconnects.
- Special Requirements:
 - The electrical contractor shall furnish and install all power and control wiring for equipment contained in contract documents.
 - All work requiring an outage or interruption of service (power, telephone) shall be scheduled only at such time permitted by owner.
- Lighting fixtures and lamps:
 - Lighting fixtures shall be furnished complete with necessary hardware and lamps.
- Transformers:
 - Transformers shall be dry type with average temperature rise not to exceed 150° C (115° C)(80° C)
- Transformers shall be as manufactured by Square D, General Electric, or Siemens.

The contractor is required to contact the utility companies prior to starting construction. This is necessary to reconfirm that the utility points have remained consistent with the contractor documents:

- * Telephone Demarcation Point
- * Electrical Service Tap Point
- * New Utility Meter Location



					
					
					
					
					
					
					
					
					
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PROFESSIONAL ENGINEER



CT LICENSE: 26657 8/29/12

PROJECT NUMBER:
332.1571

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NEW MILFORD, CT 06776
LITCHFIELD COUNTY**

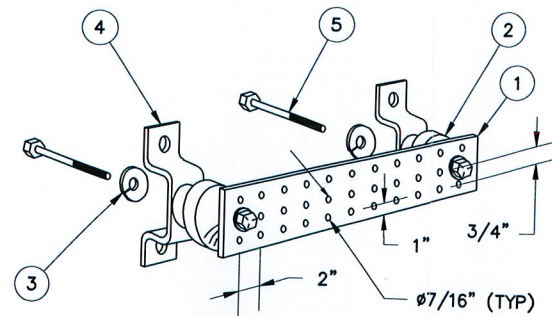
CT33XC097

PROJECT TYPE:
NETWORK VISION

DRAWN BY: JLS	CHECKED BY:	DATE: 05-14-12
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SHEET TITLE:
**ELECTRICAL
NOTES**

SHEET NUMBER: E01	REV.: 0
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-
- #6 AWG FROM ANTENNA
CABLE GROUNDING KIT
- GROUND BAR ON
WALL OR ON
ANTENNA TOWER
- TWO-HOLE LUG, TO BE USED
WITH #2 AWG TBCW TO
BUILDING OR GROUND RING
- CTOR TO UTILIZE KOPR-SHIELD (THOMAS & BETTS) ON ALL LUG CONNECTIONS

GROUND LUG TO GROUND BAR CONNECTION DETAIL

SCALE: NTS

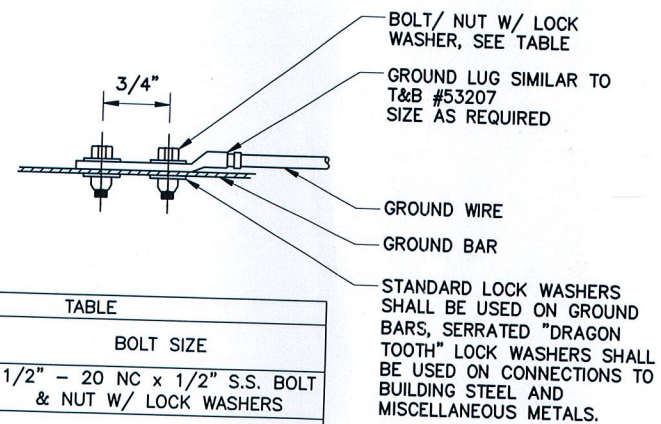
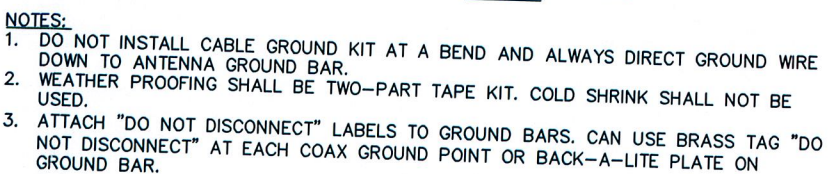


TABLE		
WIRE SIZE	LUG #	BOLT SIZE
#4/0	53212	1/2" - 20 NC x 1/2" S.S. BOLT & NUT W/ LOCK WASHERS
#2	53207	1/4" - 20 NC x 1/2" S.S. BOLT & NUT W/ LOCK WASHERS
#6	53205	

CABLE GROUNDING DETAIL

SCALE: NTS



Alcatel • Lucent



				
				
				
				
				
				
				
				
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SHEET TITLE:

ELECTRICAL &
GROUNDING DETAILS

SHEET NUMBER:	REV:
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E02

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