

PULLMAN & COMLEY, LLC
ATTORNEYS AT LAW

CARRIE L. LARSON
90 State House Square
Hartford, CT 06103-3702
p (860) 424-4312
f (860) 424-4370

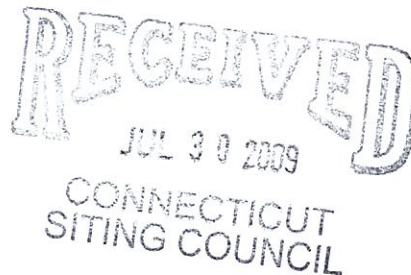
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ORIGINAL

July 28, 2009

Via Federal Express

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



Re: EM- POCKET-049-080919
N American Tower Corporation Telecommunications Facility
Town Farm Road, Enfield, Connecticut

Dear Mr. Phelps:

Pursuant to your letter dated October 6, 2008 (a copy of which is attached), I have enclosed the new structural for the site indicating that it is below 100%, and signed by a professional engineer.

If you should need anything further, please feel free to contact me.

Respectfully Submitted,

A handwritten signature in blue ink, appearing to read "Carrie L. Larson".

Carrie L. Larson

Enclosure



Daniel F. Caruso
Chairman

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

Internet: ct.gov/csc

October 6, 2008

Carrie L. Larson, Esq.
Pullman & Comley, LLC
90 State House Square
Hartford, CT 06103

RE: **EM-POCKET-049-080919** – Youghiogheny Communications-Northeast, LLC d/b/a Pocket Communications notice of intent to modify an existing telecommunications facility located at Town Farm Road, Enfield, Connecticut.

Dear Attorney Larson:

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:

- the applicant shall take steps to reduce the post-construction tower rating to not more than 100 percent;
- a signed letter from a Professional Engineer duly licensed in the State of Connecticut shall be provided to the Council to certify that the post-construction tower rating of not more than 100 percent has been achieved; and
- installation drawings shall be used for the addition of any exit or entry ports, as recommended by the PE.

The proposed modifications are to be implemented as specified here and in your notice dated September 18, 2008, including the placement of all necessary equipment and shelters within the tower compound. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Any deviation from this format may result in the Council implementing enforcement proceedings pursuant to General Statutes § 16-50u including, without limitation, imposition of expenses resulting from such failure



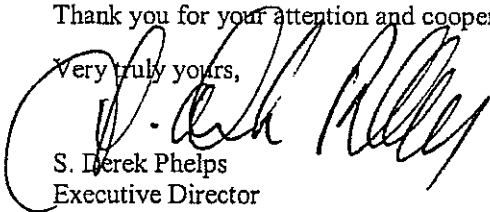
October 6, 2008

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and of civil penalties in an amount not less than one thousand dollars per day for each day of construction or operation in material violation.

Thank you for your attention and cooperation.

Very truly yours,



S. Derek Phelps
Executive Director

SDP/CML/jb

c: The Honorable Patrick L. Tallarita, Mayor, Town of Enfield
Matthew W. Coppler, Town Manager, Town of Enfield
Jose Giner, Director of Planning and Community Development, Town of Enfield
American Tower

PASSED



AMERICAN TOWER™
C O R P O R A T I O N

Structural Analysis Report

Structure : 150 ft. ITT Meyer monopole
ATC Site Name : Enfd - Enfield, CT
ATC Site Number : 302489
Proposed Carrier : Youghioghenny
Carrier Site Name : Enfd Enfield
Carrier Site Number : CT0326
County : Hartford
Eng. Number : 42036625
Date : January 5, 2009
Usage : 80% (Pole shaft), 76% (Anchor Bolts),
79% (Reinforcing Bars)

Submitted by:
Robert Keith
Project Engineer

American Tower Engineering Services
8505 Freeport Parkway
Suite 135
Irving, TX 75063
Phone: 972-999-8900

Reviewed by:
Jaime Reyes, P.E.
Director of Engineering





AMERICAN TOWER™
C O R P O R A T I O N

Structural Analysis Report

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Submitted by:
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Director of Engineering

American Tower Engineering Services
8505 Freeport Parkway
Suite 135
Irving, TX 75063
Phone: 972-999-8900

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 150 ft. ITT Meyer monopole located at Enfd - Enfield, CT. Hartford County (ATC site # 302489). The tower was originally designed and manufactured by ITT Meyer (Drawing # Type "B"). The tower has been structurally modified per ATC modification Job# 40071639 (dated 12/6/07).

Analysis

The tower was analyzed using Semaan Engineering Solutions, Inc., Software. The analysis assumes that the tower is in good, undamaged, and non-corroded condition. A 5% overstress is allowed in the existing structural members to account for program variances.

Basic Wind Speed: 95.0 mph (3-Second Gust) basic wind speed
 Radial Ice: 50.0 mph (3-Second Gust) w/ 1.25" ice
 Standard/Code: ANSI/TIA-222-G / IBC 2003 with 2005 CT Supplement

Antenna Loads

The following antenna loads were used in the tower analysis:

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (I/O)	Carrier
154.0	6	Powerwave LGP-13519	Platform w/ Handrails	-	AT&T Mobility
	6	Powerwave 7770.00		(12) 1-5/8 (I)	
	6	TTA		-	
150.0	1	Decibel DB809-Y		(1) 1-5/8 (I)	USA Mobility
140.0	6	EMS RR90-17-02D	Low Profile Platform	(12) 1-5/8 (I/O)	T-Mobile
132.0	6	Antel LPA-80080/6CF	Low Profile Platform	(6) 1 5/8 (O)	Verizon
	6	Antel LPA-185080/12CF		(6) 1 5/8 (O)	
40.0	1	Channel Master 1.2 M Dish	Dish Mount	(1) RG6 (O)	USA Mobility

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (I/O)	Carrier
122.0	3	RFS APXV18-206517S-C	Flush Mount	(6) 1 5/8 (O)	Youghiogheny

Note: (O) – Coax installed outside the pole shaft. (I) – Coax installed inside the pole shaft.

The proposed coax may be installed on the outside the pole. It may be installed in a single row or stacked 3-on-3.

Results

The existing 150 ft. ITT Meyer monopole with the existing and the proposed antennas is structurally acceptable per TIA/EIA-222 Rev G standards. The maximum structure usage is: 80% (Pole shaft), 76% (Anchor bolts), and 79% (Reinforcing bars).

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

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

Pole Reactions	Original Design Reactions	Original Design Reactions w/ 1.35 Multiplier*	Current Analysis Reactions	% Of Design
Moment (ft-kips)	1,197.0	1,616.0	2,495.0	154.4
Shear (kips)	13.1	17.7	26.0	147.0

(*) The original design reaction is factored by 1.35 per TIA-EIA Rev G section 15.5.1

The structure foundation reactions resulting from this analysis exceed the ones shown on the original structural drawings or calculations. The existing foundation was modified per ATC modification Job# 40071628 (dated 12/6/07). Therefore, with the completion of the foundation modifications, the existing foundation was found to be adequate to resist the new reactions.

Conclusion

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

If you have any questions or require additional information, please call 972-999-8900.

Standard Conditions

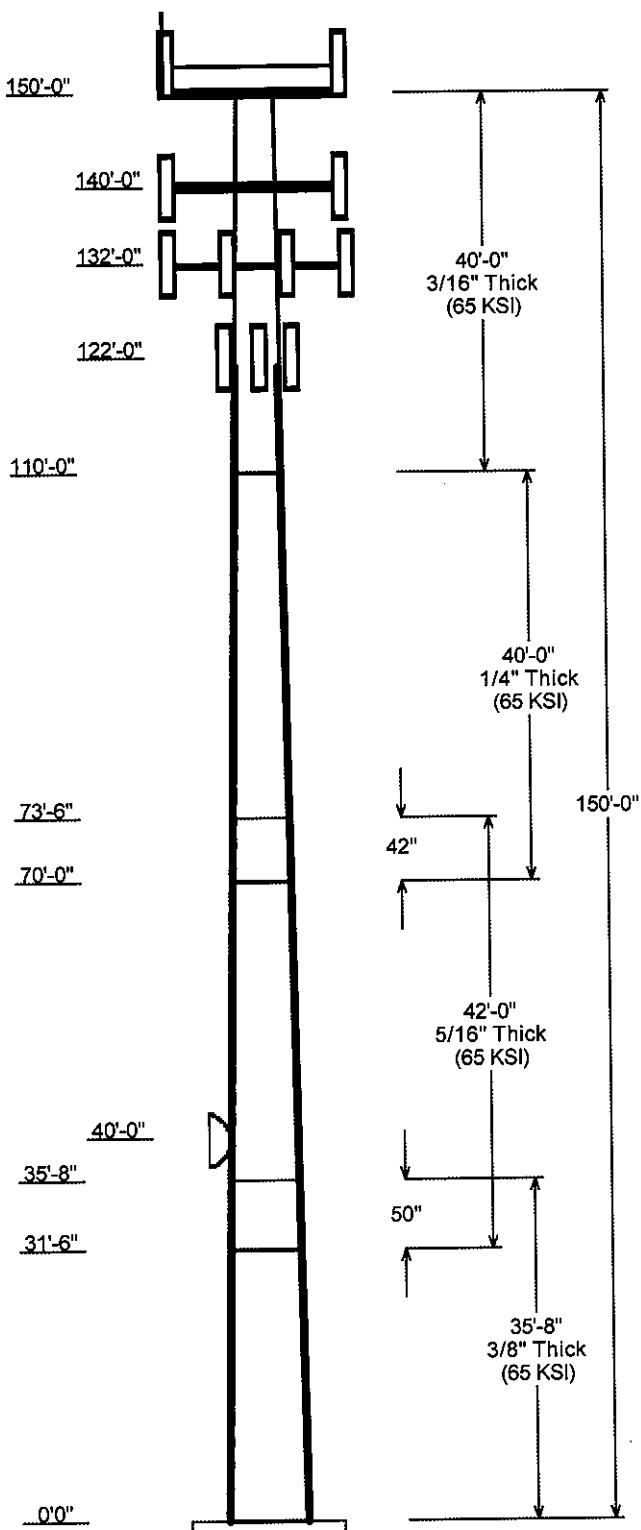
All engineering services are performed on the basis that the information used is current and correct. This information may consist of, but is not necessary limited, to:

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

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

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

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

**Job Information**

Pole : 302489	Code: ANSI/TIA-222 Rev G
Description : 150' ITT Meyer Type "B" Monopole	Struct Class : II
Client : Youghiogheny	Exposure : B
Location : Enfd - Enfield, 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 Top	Flats Bottom				
1	35.667	31.79	37.38	0.375	0.000	0.156700	65
2	42.000	26.48	33.06	0.313 Slip Joint	50.000	0.156700	65
3	40.000	21.26	27.53	0.250 Slip Joint	42.000	0.156700	65
4	40.000	15.00	21.26	0.188 Butt Joint	0.000	0.156700	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	150.000	6	TTA
150.000	154.000	6	Powerwave LGP 13519
150.000	154.000	6	Powerwave 7770-2
150.000	159.710	1	Decibel DB809-Y
150.000	153.000	1	Platform w/ Handrails
140.000	140.000	6	EMS RR90-17-02D
140.000	140.000	1	Low Profile Platform
132.000	132.000	3	Round T-Arm
132.000	132.000	6	Antel LPA-185080/12CF
132.000	132.000	6	Antel LPA-80080/6CF
122.000	122.000	1	Flush Mounts
122.000	122.000	3	RFS APXV18-206517S-C
40.000	40.000	1	Channel Master 1.2 M Dish

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
110.0	140.0	1 5/8" Coax	Yes
0.000	150.0	1 5/8" Coax	No
0.000	150.0	1 5/8" Coax	No
0.000	40.000	RG6	Yes
0.000	110.0	1 5/8" Coax	No
0.000	122.0	1 5/8" Coax	Yes
0.000	125.0	#20 Dywidag bars	Yes
0.000	125.0	#20 Dywidag bars	Yes
0.000	125.0	Angle brackets	Yes
0.000	130.0	1 5/8" Coax	Yes

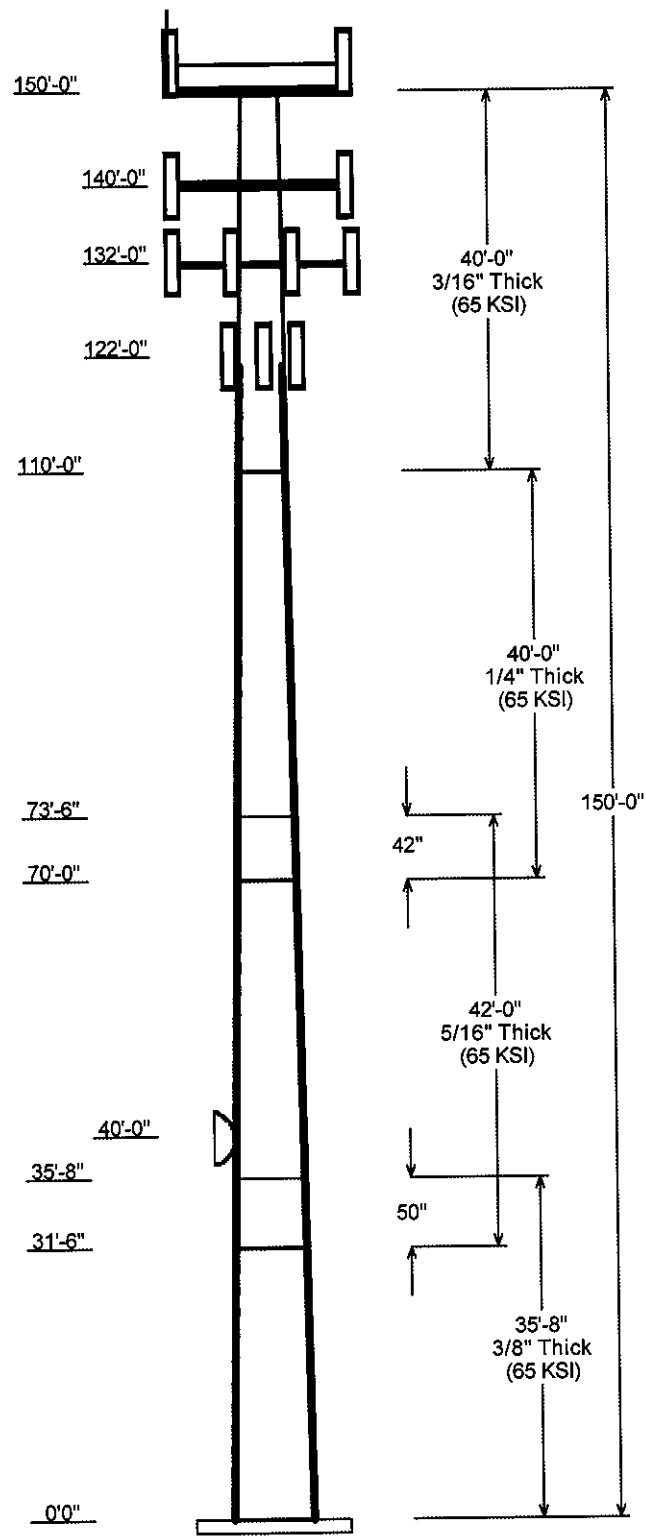
Load Cases

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	50.00 mph with 1.25 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

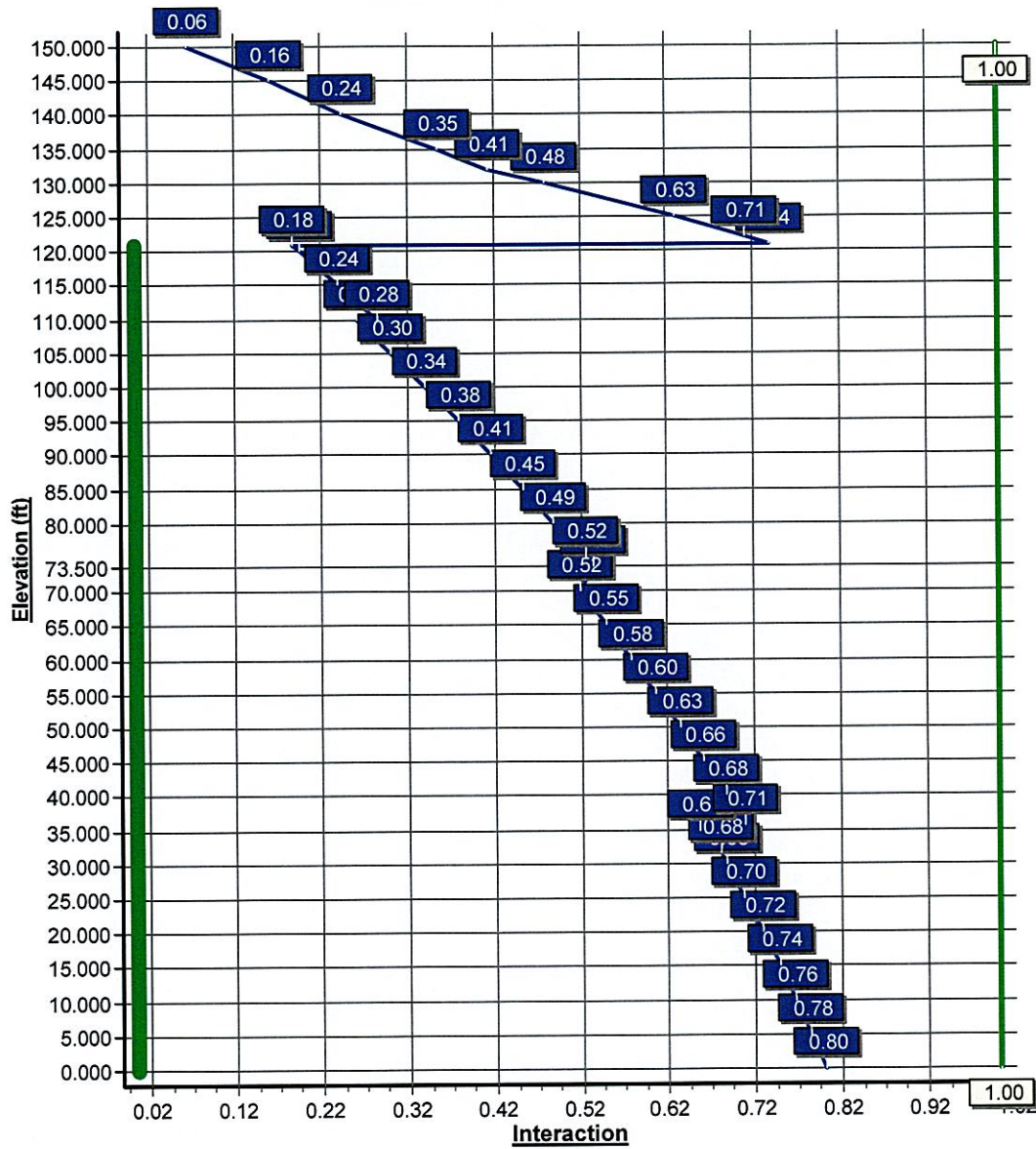
Reactions

Load Case	Moment (Kip-ft)	Shear (Kips)	Axial (Kips)
1.2D + 1.6W	2495.03	26.00	35.92
0.9D + 1.6W	2464.61	25.96	28.94
1.2D + 1.0Di + 1.0Wi	819.10	7.66	83.02
1.0D + 1.0W	617.77	6.47	31.33

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	40.00	2.273	0.537



Load Case : 1.2D + 1.6W
Max Ratio 79.72% at 0.0ft



Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

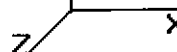
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Shaft Section Properties

Sect Num	Length (ft)	Thick (in)	Fv (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)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	
1	35.667	0.3750	65		0.00	5,014	37.38	0.000	44.68	7810.1	24.57	99.68	31.79	35.66	37.93	4778.9	20.57
2	42.000	0.3125	65	Slip Joint	50.00	4,237	33.06	31.50	32.96	4514.2	26.21	105.8	26.48	73.50	26.34	2303.3	20.57
3	40.000	0.2500	65	Slip Joint	42.00	2,646	27.53	70.00	21.97	2087.4	27.37	110.1	21.26	110.0	16.92	954.0	20.65
4	40.000	0.1875	65	Butt Joint	0.00	1,475	21.26	110.0	12.73	721.9	28.25	113.4	15.00	150.0	8.94	250.5	19.29
Shaft Weight						13,372											

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)
150.0	TTA	6	10.00	1.500	0.75	132.03	2.397	0.75	0.000	0.000
150.0	Powerwave LGP 13519	6	5.00	0.340	0.81	40.69	0.803	0.81	0.000	4.000
150.0	Powerwave 7770-2	6	35.00	5.941	0.72	296.48	7.423	0.72	0.000	4.000
150.0	Decibel DB809-Y	1	24.00	5.830	1.00	51.92	12.613	1.00	0.000	9.710
150.0	Platform w/ Handrails	1	1800.00	35.000	1.00	3894.26	75.722	1.00	0.000	3.000
140.0	EMS RR90-17-02D	6	15.50	4.356	0.67	210.78	6.091	0.67	0.000	0.000
140.0	Low Profile Platform	1	1200.00	16.000	1.00	2586.57	34.488	1.00	0.000	0.000
132.0	Round T-Arm	3	250.00	9.700	0.75	594.61	23.293	0.75	0.000	0.000
132.0	Antel LPA-185080/12CF	6	40.50	4.300	1.00	270.18	5.529	1.00	0.000	0.000
132.0	Antel LPA-80080/6CF	6	24.00	7.340	1.00	386.31	6.379	1.00	0.000	0.000
122.0	Flush Mounts	1	200.00	3.500	1.00	769.84	9.483	1.00	0.000	0.000
122.0	RFS APXV18-206517S-C	3	26.40	5.170	0.73	255.67	7.258	0.73	0.000	0.000
40.00	Channel Master 1.2 M Dish	1	188.00	20.910	1.00	667.13	27.305	1.00	0.000	0.000
Totals		47	5021.20			7769.23			Number of Loadings : 13	

Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	150.00	(1) 1 5/8" Coax	0.00	N
0.00	150.00	(12) 1 5/8" Coax	0.00	N
110.00	140.00	(12) 1 5/8" Coax	1.98	Y
0.00	130.00	(12) 1 5/8" Coax	1.98	Y
0.00	125.00	(2) #20 Dywidag bars	2.72	Y
0.00	125.00	(2) #20 Dywidag bars	2.72	Y
0.00	125.00	(0) Angle brackets	2.00	Y
0.00	122.00	(6) 1 5/8" Coax	0.00	Y
0.00	110.00	(12) 1 5/8" Coax	0.00	N
0.00	40.00	(1) RG6	0.28	Y

Additional Steel

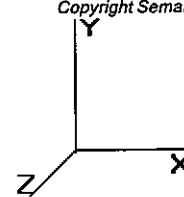
Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	121.0	4	SOL #20 All Thread	80	2.08	6" Angle Bracket	30.0	0.00	5/8" A36 U-Bolt	

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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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Segment Properties (Max Len : 5 ft)

Seq Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in3)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.3750	37.380	44.684	7,810.1	24.57	99.68	65.0	403.6	0.0	19.64	4,769	0.0
5.00		0.3750	36.597	43.737	7,324.4	24.01	97.59	65.0	386.6	752.2	19.64	4,601	334.0
10.00		0.3750	35.813	42.791	6,859.3	23.45	95.50	65.0	370.0	736.1	19.64	4,436	334.0
15.00		0.3750	35.029	41.845	6,414.3	22.89	93.41	65.0	353.7	720.0	19.64	4,274	334.0
20.00		0.3750	34.246	40.899	5,989.0	22.33	91.32	65.0	337.8	703.9	19.64	4,115	334.0
25.00		0.3750	33.462	39.953	5,583.0	21.77	89.23	65.0	322.3	687.8	19.64	3,959	334.0
30.00		0.3750	32.679	39.007	5,195.7	21.21	87.14	65.0	307.1	671.7	19.64	3,806	334.0
31.50	Bot - Section 2	0.3750	32.444	38.723	5,083.1	21.04	86.52	65.0	302.7	198.4	19.64	3,761	100.2
35.00		0.3750	31.895	38.061	4,826.7	20.65	85.05	65.0	292.3	846.4	19.64	3,776	233.8
35.67	Top - Section 1	0.3125	32.416	32.304	4,249.6	25.65	103.73	65.0	253.3	159.7	19.64	3,756	44.6
40.00		0.3125	31.737	31.621	3,985.6	25.07	101.56	65.0	242.6	471.3	19.64	3,627	289.4
45.00		0.3125	30.953	30.833	3,694.9	24.40	99.05	65.0	230.6	531.3	19.64	3,480	334.0
50.00		0.3125	30.170	30.044	3,418.6	23.73	96.54	65.0	218.9	517.9	19.64	3,337	334.0
55.00		0.3125	29.386	29.256	3,156.5	23.05	94.04	65.0	207.5	504.5	19.64	3,197	334.0
60.00		0.3125	28.603	28.467	2,908.1	22.38	91.53	65.0	196.4	491.0	19.64	3,060	334.0
65.00		0.3125	27.819	27.679	2,673.1	21.71	89.02	65.0	185.6	477.6	19.64	2,926	334.0
70.00		0.3125	27.036	26.891	2,451.2	21.04	86.52	65.0	175.1	464.2	19.64	2,795	334.0
70.00	Bot - Section 3	0.3125	27.036	26.890	2,451.1	21.04	86.52	65.0	175.1	0.0	19.64	2,795	0.0
73.50	Top - Section 2	0.2500	26.987	21.524	1,964.0	26.78	107.95	65.0	140.6	575.9	19.64	2,787	233.8
75.00		0.2500	26.752	21.335	1,912.7	26.53	107.01	65.0	138.1	109.4	19.64	2,748	100.2
80.00		0.2500	25.969	20.704	1,748.0	25.69	103.88	65.0	130.0	357.6	19.64	2,621	334.0
85.00		0.2500	25.185	20.073	1,593.1	24.85	100.74	65.0	122.2	346.9	19.64	2,497	334.0
90.00		0.2500	24.402	19.442	1,447.6	24.01	97.61	65.0	114.6	336.2	19.64	2,376	334.0
95.00		0.2500	23.618	18.812	1,311.2	23.17	94.47	65.0	107.2	325.4	19.64	2,258	334.0
100.0		0.2500	22.835	18.181	1,183.7	22.33	91.34	65.0	100.1	314.7	19.64	2,143	334.0
105.0		0.2500	22.051	17.550	1,064.7	21.49	88.21	65.0	93.3	304.0	19.64	2,031	334.0
110.0		0.2500	21.268	16.919	954.0	20.65	85.07	65.0	86.7	293.2	19.64	1,922	334.0
110.0	Top - Section 3	0.2500	21.268	16.919	954.0	20.65	85.07	65.0	86.7	0.0	19.64	1,922	0.0
110.0	Bot - Section 4	0.1875	21.268	12.727	721.9	28.25	113.43	65.0	65.6		19.64	1,922	
115.0		0.1875	20.484	12.254	644.4	27.13	109.25	65.0	60.8	212.5	19.64	1,816	334.0
120.0		0.1875	19.701	11.781	572.6	26.01	105.07	65.0	56.1	204.5	19.64	1,713	334.0
121.0	Reinf. Top	0.1875	19.544	11.687	558.9	25.79	104.24	65.0	55.2	39.9	19.64	1,693	66.8
122.0		0.1875	19.388	11.592	545.4	25.56	103.40	65.0	54.4	39.6			
125.0		0.1875	18.917	11.308	506.4	24.89	100.89	65.0	51.7	116.9			
130.0		0.1875	18.134	10.835	445.4	23.77	96.71	65.0	47.5	188.4			
132.0		0.1875	17.821	10.646	422.5	23.32	95.04	65.0	45.8	73.1			
135.0		0.1875	17.350	10.362	389.6	22.65	92.54	65.0	43.4	107.2			
140.0		0.1875	16.567	9.889	338.6	21.53	88.36	65.0	39.5	172.3			
145.0		0.1875	15.783	9.416	292.3	20.41	84.18	65.0	35.8	164.2			
150.0		0.1875	15.000	8.943	250.5	19.29	80.00	65.0	32.3	156.2			
										13,372.1	8,082.8		

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

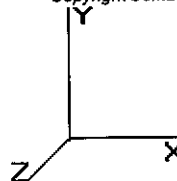
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 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 (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	256.32	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	15.364	16.90	250.95	1.200 *	0.00	5.00	15.955	19.15	517.7	0.0	1,236.6
10.00		1.00	0.70	15.364	16.90	245.57	1.200 *	0.00	5.00	15.617	18.74	506.8	0.0	1,217.3
15.00		1.00	0.70	15.364	16.90	240.20	1.200 *	0.00	5.00	15.279	18.34	495.8	0.0	1,198.0
20.00		1.00	0.70	15.364	16.90	234.83	1.200 *	0.00	5.00	14.942	17.93	484.8	0.0	1,178.7
25.00		1.00	0.70	15.364	16.90	229.45	1.200 *	0.00	5.00	14.604	17.52	473.9	0.0	1,159.4
30.00		1.00	0.70	15.377	16.91	224.18	1.200 *	0.00	5.00	14.266	17.12	463.3	0.0	1,140.1
31.50	Bot - Section 2	1.00	0.71	15.593	17.15	224.12	1.200 *	0.00	1.50	4.215	5.06	138.8	0.0	338.3
35.00		1.00	0.73	16.070	17.67	223.67	1.200 *	0.00	3.50	9.902	11.88	336.0	0.0	1,249.5
35.67	Top - Section 1	1.00	0.73	16.156	17.77	223.54	1.200 *	0.00	0.67	1.868	2.24	63.8	0.0	236.2
40.00	Appertunance(s)	1.00	0.76	16.694	18.36	226.85	1.200 *	0.00	4.33	11.991	14.39	422.8	0.0	855.0
45.00		1.00	0.78	17.266	18.99	225.00	1.200 *	0.00	5.00	13.521	16.23	493.1	0.0	971.5
50.00		1.00	0.81	17.793	19.57	222.63	1.200 *	0.00	5.00	13.183	15.82	495.4	0.0	955.4
55.00		1.00	0.83	18.285	20.11	219.82	1.200 *	0.00	5.00	12.845	15.41	496.0	0.0	939.4
60.00		1.00	0.85	18.745	20.61	216.64	1.200 *	0.00	5.00	12.507	15.01	495.2	0.0	923.3
65.00		1.00	0.87	19.179	21.09	213.13	1.200 *	0.00	5.00	12.169	14.60	492.9	0.0	907.2
70.00		1.00	0.89	19.589	21.54	209.33	1.200 *	0.00	5.00	11.831	14.20	489.5	0.0	891.1
70.00	Bot - Section 3	1.00	0.89	19.589	21.54	209.33	1.200 *	0.00	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	0.90	19.864	21.85	206.52	1.200 *	0.00	3.50	8.232	9.88	345.3	0.0	924.9
75.00		1.00	0.91	19.979	21.97	209.19	1.200 *	0.00	1.50	3.476	4.17	146.7	0.0	231.4
80.00		1.00	0.92	20.351	22.38	204.94	1.200 *	0.00	5.00	11.371	13.65	488.7	0.0	763.1
85.00		1.00	0.94	20.706	22.77	200.49	1.200 *	0.00	5.00	11.033	13.24	482.5	0.0	750.3
90.00		1.00	0.95	21.047	23.15	195.84	1.200 *	0.00	5.00	10.695	12.83	475.4	0.0	737.4
95.00		1.00	0.97	21.375	23.51	191.02	1.200 *	0.00	5.00	10.357	12.43	467.6	0.0	724.5
100.0		1.00	0.98	21.690	23.86	186.05	1.200 *	0.00	5.00	10.019	12.02	459.0	0.0	711.6
105.0		1.00	1.00	21.995	24.19	180.92	1.200 *	0.00	5.00	9.681	11.62	449.7	0.0	698.8
110.0		1.00	1.01	22.289	24.51	175.65	1.200 *	0.00	5.00	9.343	11.21	439.8	0.0	685.9
110.0	Top - Section 3	1.00	1.01	22.289	24.51	175.65	1.200 *	0.00	0.00	0.001	0.00	0.0	0.0	0.0
115.0		1.00	1.02	22.574	24.83	170.26	1.200 *	0.00	5.00	9.005	10.81	429.3	0.0	589.0
120.0		1.00	1.04	22.850	25.13	164.75	1.200 *	0.00	5.00	8.667	10.40	418.3	0.0	579.4
121.0	Reinf. Top	1.00	1.04	22.905	25.19	163.63	1.200 *	0.00	1.00	1.693	2.03	81.9	0.0	114.7
122.0	Appertunance(s)	1.00	1.04	22.959	25.25	162.51	1.200 *	0.00	1.00	1.679	2.02	81.4	0.0	47.5
125.0		1.00	1.05	23.118	25.43	159.12	1.200 *	0.00	3.00	4.957	5.95	242.0	0.0	140.3
130.0		1.00	1.06	23.379	25.71	153.39	1.200 *	0.00	5.00	7.991	9.59	394.6	0.0	226.0
132.0	Appertunance(s)	1.00	1.07	23.481	25.82	151.06	1.019 *	0.00	2.00	3.102	3.16	130.6	0.0	87.7
135.0		1.00	1.07	23.632	25.99	147.55	1.026 *	0.00	3.00	4.551	4.67	194.3	0.0	128.7
140.0	Appertunance(s)	1.00	1.08	23.879	26.26	141.62	1.038 *	0.00	5.00	7.315	7.60	319.2	0.0	206.7
145.0		1.00	1.09	24.120	26.53	135.60	1.000	0.00	5.00	6.977	6.98	296.2	0.0	197.1
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000	0.00	5.00	6.639	6.64	284.6	0.0	187.4
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00		13,493.2	0.0	24,129.3

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

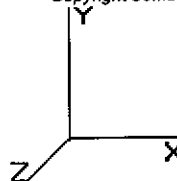
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 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)

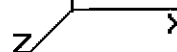
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
40.00	Channel Master 1.2 M	1	16.694	18.364	1.00	1.00	20.91	0.000	0.000	614.38	0.00	0.00	225.60
122.0	Flush Mounts	1	22.959	25.254	1.00	1.00	3.50	0.000	0.000	141.42	0.00	0.00	240.00
122.0	RFS APXV18-206517S-	3	22.959	25.254	0.73	1.00	11.32	0.000	0.000	457.50	0.00	0.00	95.04
132.0	Round T-Arm	3	23.481	25.829	0.56	0.75	16.37	0.000	0.000	676.46	0.00	0.00	900.00
132.0	Antel LPA-185080/12C	6	23.481	25.829	0.80	0.80	20.64	0.000	0.000	852.99	0.00	0.00	291.60
132.0	Antel LPA-80080/6CF	6	23.481	25.829	0.80	0.80	35.23	0.000	0.000	1,456.03	0.00	0.00	172.80
140.0	EMS RR90-17-02D	6	23.879	26.267	0.54	0.80	14.01	0.000	0.000	588.76	0.00	0.00	111.60
140.0	Low Profile Platform	1	23.879	26.267	1.00	1.00	16.00	0.000	0.000	672.44	0.00	0.00	1,440.00
150.0	TTA	6	24.355	26.790	0.56	0.75	5.06	0.000	0.000	217.00	0.00	0.00	72.00
150.0	Powerwave LGP	6	24.538	26.992	0.61	0.75	1.24	0.000	4.000	53.52	0.00	214.09	36.00
150.0	Powerwave 7770-2	6	24.538	26.992	0.54	0.75	19.25	0.000	4.000	831.31	0.00	3,325.25	252.00
150.0	Decibel DB809-Y	1	24.795	27.275	0.75	0.75	4.37	0.000	9.710	190.81	0.00	1,852.79	28.80
150.0	Platform w/ Handrail	1	24.493	26.942	1.00	1.00	35.00	0.000	3.000	1,508.76	0.00	4,526.27	2,160.00
										8,261.37			6,025.44

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

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

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Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 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)

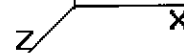
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
5.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.253	0.000	26.77	59.03
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.253	0.000	36.78	0.00
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.253	0.000	36.78	0.00
5.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.253	0.000	27.04	0.00
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.253	0.000	0.00	29.52
5.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.253	0.000	3.79	0.17
10.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.259	0.000	26.77	59.03
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.259	0.000	36.78	0.00
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.259	0.000	36.78	0.00
10.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.259	0.000	27.04	0.00
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.259	0.000	0.00	29.52
10.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.259	0.000	3.79	0.17
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.265	0.000	26.77	59.03
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.265	0.000	36.78	0.00
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.265	0.000	36.78	0.00
15.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.265	0.000	27.04	0.00
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.265	0.000	0.00	29.52
15.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.265	0.000	3.79	0.17
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.270	0.000	26.77	59.03
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.270	0.000	36.78	0.00
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.270	0.000	36.78	0.00
20.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.270	0.000	27.04	0.00
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.270	0.000	0.00	29.52
20.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.270	0.000	3.79	0.17
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.277	0.000	26.77	59.03
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.277	0.000	36.78	0.00
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.277	0.000	36.78	0.00
25.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.277	0.000	27.04	0.00
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.277	0.000	0.00	29.52
25.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.277	0.000	3.79	0.17
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.377	0.283	0.000	26.79	59.03
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.377	0.283	0.000	36.81	0.00
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.377	0.283	0.000	36.81	0.00
30.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.377	0.283	0.000	27.06	0.00
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.377	0.283	0.000	0.00	29.52
30.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.377	0.283	0.000	3.79	0.17
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	15.593	0.288	0.000	8.15	17.71
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	15.593	0.288	0.000	11.20	0.00
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	15.593	0.288	0.000	11.20	0.00
31.50	(0) Angle brackets	Yes	1.50	1.200	2.00	0.25	0.30	15.593	0.288	0.000	8.23	0.00
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.593	0.288	0.000	0.00	8.86
31.50	(1) RG6	Yes	1.50	1.200	0.28	0.04	0.04	15.593	0.288	0.000	1.15	0.05
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	16.070	0.291	0.000	19.60	41.32
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	16.070	0.291	0.000	26.92	0.00
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	16.070	0.291	0.000	26.92	0.00
35.00	(0) Angle brackets	Yes	3.50	1.200	2.00	0.58	0.70	16.070	0.291	0.000	19.80	0.00
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	16.070	0.291	0.000	0.00	20.66
35.00	(1) RG6	Yes	3.50	1.200	0.28	0.08	0.10	16.070	0.291	0.000	2.77	0.12
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	16.156	0.294	0.000	3.76	7.87
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.15	0.18	16.156	0.294	0.000	5.16	0.00
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.15	0.18	16.156	0.294	0.000	5.16	0.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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

26 Iterations

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

Wind Importance Factor : 1.00

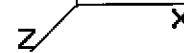
35.67	(0) Angle brackets	Yes	0.67	1.200	2.00	0.11	0.13	16.156	0.294	0.000	3.79	0.00
35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	16.156	0.294	0.000	0.00	3.94
35.67	(1) RG6	Yes	0.67	1.200	0.28	0.02	0.02	16.156	0.294	0.000	0.53	0.02
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	16.694	0.292	0.000	25.21	51.16
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	0.98	1.18	16.694	0.292	0.000	34.63	0.00
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	0.98	1.18	16.694	0.292	0.000	34.63	0.00
40.00	(0) Angle brackets	Yes	4.33	1.200	2.00	0.72	0.87	16.694	0.292	0.000	25.46	0.00
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	16.694	0.292	0.000	0.00	25.58
40.00	(1) RG6	Yes	4.33	1.200	0.28	0.10	0.12	16.694	0.292	0.000	3.56	0.15
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	17.266	0.290	0.000	30.08	59.03
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.266	0.290	0.000	41.33	0.00
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.266	0.290	0.000	41.33	0.00
45.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	17.266	0.290	0.000	30.39	0.00
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.266	0.290	0.000	0.00	29.52
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	17.793	0.298	0.000	31.00	59.03
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.793	0.298	0.000	42.59	0.00
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.793	0.298	0.000	42.59	0.00
50.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	17.793	0.298	0.000	31.32	0.00
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.793	0.298	0.000	0.00	29.52
55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.285	0.306	0.000	31.86	59.03
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.285	0.306	0.000	43.77	0.00
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.285	0.306	0.000	43.77	0.00
55.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	18.285	0.306	0.000	32.18	0.00
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.285	0.306	0.000	0.00	29.52
60.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.745	0.314	0.000	32.66	59.03
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.745	0.314	0.000	44.87	0.00
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.745	0.314	0.000	44.87	0.00
60.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	18.745	0.314	0.000	32.99	0.00
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.745	0.314	0.000	0.00	29.52
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.179	0.323	0.000	33.42	59.03
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.179	0.323	0.000	45.91	0.00
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.179	0.323	0.000	45.91	0.00
65.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	19.179	0.323	0.000	33.75	0.00
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.179	0.323	0.000	0.00	29.52
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.589	0.332	0.000	34.13	59.03
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.589	0.332	0.000	46.89	0.00
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.589	0.332	0.000	46.89	0.00
70.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	19.589	0.332	0.000	34.48	0.00
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.589	0.332	0.000	0.00	29.52
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	19.589	0.337	0.000	0.00	0.00
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	19.864	0.340	0.000	24.23	41.32
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	19.864	0.340	0.000	33.28	0.00
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	19.864	0.340	0.000	33.28	0.00
73.50	(0) Angle brackets	Yes	3.50	1.200	2.00	0.58	0.70	19.864	0.340	0.000	24.47	0.00
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	19.864	0.340	0.000	0.00	20.66
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	19.979	0.339	0.000	10.44	17.71
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	19.979	0.339	0.000	14.34	0.00
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	19.979	0.339	0.000	14.34	0.00
75.00	(0) Angle brackets	Yes	1.50	1.200	2.00	0.25	0.30	19.979	0.339	0.000	10.55	0.00
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.979	0.339	0.000	0.00	8.85
80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.351	0.345	0.000	35.46	59.03
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	20.351	0.345	0.000	48.71	0.00
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	20.351	0.345	0.000	48.71	0.00

Pole : 302489
 Location : Enfld - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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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 Page: 7



Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 Iterations

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

Wind Importance Factor : 1.00

80.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	20.351	0.345	0.000	35.82	0.00
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.351	0.345	0.000	0.00	29.52
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.706	0.356	0.000	36.08	59.03
85.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	20.706	0.356	0.000	49.56	0.00
85.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	20.706	0.356	0.000	49.56	0.00
85.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	20.706	0.356	0.000	36.44	0.00
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.706	0.356	0.000	0.00	29.52
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.047	0.367	0.000	36.67	59.03
90.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.047	0.367	0.000	50.38	0.00
90.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.047	0.367	0.000	50.38	0.00
90.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.047	0.367	0.000	37.04	0.00
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.047	0.367	0.000	0.00	29.52
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.375	0.379	0.000	37.24	59.03
95.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.375	0.379	0.000	51.16	0.00
95.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.375	0.379	0.000	51.16	0.00
95.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.375	0.379	0.000	37.62	0.00
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.375	0.379	0.000	0.00	29.52
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.690	0.392	0.000	37.79	59.03
100.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.690	0.392	0.000	51.92	0.00
100.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.690	0.392	0.000	51.92	0.00
100.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.690	0.392	0.000	38.18	0.00
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.690	0.392	0.000	0.00	29.52
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.995	0.405	0.000	38.32	59.03
105.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.995	0.405	0.000	52.65	0.00
105.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	21.995	0.405	0.000	52.65	0.00
105.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.995	0.405	0.000	38.71	0.00
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.995	0.405	0.000	0.00	29.52
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.289	0.420	0.000	38.84	59.03
110.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	22.289	0.420	0.000	53.35	0.00
110.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	22.289	0.420	0.000	53.35	0.00
110.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	22.289	0.420	0.000	39.23	0.00
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.289	0.420	0.000	0.00	29.52
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	22.289	0.518	0.000	0.00	0.00
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.574	0.527	0.000	39.33	59.03
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.574	0.527	0.000	39.33	59.03
115.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	22.574	0.527	0.000	54.03	0.00
115.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	22.574	0.527	0.000	54.03	0.00
115.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	22.574	0.527	0.000	39.73	0.00
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.574	0.527	0.000	0.00	29.51
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.850	0.548	0.000	39.81	59.03
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.850	0.548	0.000	39.81	59.03
120.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	22.850	0.548	0.000	54.69	0.00
120.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	22.850	0.548	0.000	54.69	0.00
120.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	22.850	0.548	0.000	40.22	0.00
120.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.850	0.548	0.000	0.00	29.52
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.905	0.561	0.000	7.98	11.81
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.905	0.561	0.000	7.98	11.81
121.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	22.905	0.561	0.000	10.96	0.00
121.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	22.905	0.561	0.000	10.96	0.00
121.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.17	0.20	22.905	0.561	0.000	8.06	0.00
121.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.905	0.561	0.000	0.00	5.90
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.959	0.566	0.000	8.00	11.81

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

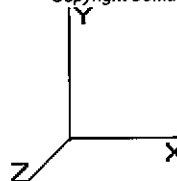
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.959	0.566	0.000	8.00	11.81
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	22.959	0.566	0.000	10.99	0.00
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	22.959	0.566	0.000	10.99	0.00
122.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.17	0.20	22.959	0.566	0.000	8.08	0.00
122.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.959	0.566	0.000	0.00	5.90
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	23.118	0.575	0.000	24.17	35.42
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	23.118	0.575	0.000	24.17	35.42
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	0.68	0.82	23.118	0.575	0.000	33.20	0.00
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	0.68	0.82	23.118	0.575	0.000	33.20	0.00
125.0	(0) Angle brackets	Yes	3.00	1.200	2.00	0.50	0.60	23.118	0.575	0.000	24.41	0.00
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.379	0.206	0.000	40.74	59.03
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.379	0.206	0.000	40.74	59.03
132.0	(12) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	23.481	0.106	1.019	0.00	23.61
135.0	(12) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	23.632	0.109	1.026	0.00	35.42
140.0	(12) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	23.879	0.113	1.038	0.00	59.03
Totals:											4,156.00	2,610.64

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

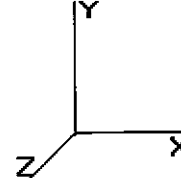
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 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

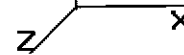
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	648.89	1,448.34	0.00	0.00
10.00	637.92	1,429.02	0.00	0.00
15.00	626.95	1,409.71	0.00	0.00
20.00	615.99	1,390.39	0.00	0.00
25.00	605.02	1,371.07	0.00	0.00
30.00	594.56	1,351.76	0.00	0.00
31.50	178.74	401.85	0.00	0.00
35.00	432.06	1,397.67	0.00	0.00
35.67	82.15	264.41	0.00	0.00
40.00	1,160.66	1,264.02	0.00	0.00
45.00	636.18	1,183.08	0.00	0.00
50.00	642.93	1,166.98	0.00	0.00
55.00	647.62	1,150.88	0.00	0.00
60.00	650.54	1,134.79	0.00	0.00
65.00	651.90	1,118.69	0.00	0.00
70.00	651.87	1,102.60	0.00	0.00
70.00	0.04	0.07	0.00	0.00
73.50	460.61	1,073.00	0.00	0.00
75.00	196.37	294.85	0.00	0.00
80.00	657.44	974.67	0.00	0.00
85.00	654.15	961.80	0.00	0.00
90.00	649.89	948.92	0.00	0.00
95.00	644.75	936.04	0.00	0.00
100.0	638.79	923.16	0.00	0.00
105.0	632.06	910.29	0.00	0.00
110.0	624.60	897.41	0.00	0.00
110.0	0.04	0.06	0.00	0.00
115.0	655.76	800.50	0.00	0.00
120.0	647.52	790.90	0.00	0.00
121.0	127.85	157.02	0.00	0.00
122.0	726.42	424.87	0.00	0.00
125.0	381.19	249.47	0.00	0.00
130.0	476.05	408.07	0.00	0.00
132.0	3,116.12	1,501.31	0.00	0.00
135.0	194.28	202.47	0.00	0.00
140.0	1,580.43	1,881.32	0.00	0.00
145.0	296.20	261.03	0.00	0.00
150.0	3,086.00	2,800.17	0.00	9,918.39
Totals:	25,910.54	35,982.65	0.00	9,918.39

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

26 Iterations

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

Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-35.92	-26.00	0.00	-2,495.03	0.00	2,495.03	2,613.99	1,306.99	3,984.35	1,967.72	0.00	0.00	0.797
5.00	-34.35	-25.51	0.00	-2,365.05	0.00	2,365.05	2,558.64	1,279.32	3,816.59	1,884.87	0.15	-0.27	0.780
10.00	-32.81	-25.02	0.00	-2,237.50	0.00	2,237.50	2,503.30	1,251.65	3,652.43	1,803.80	0.58	-0.55	0.763
15.00	-31.29	-24.52	0.00	-2,112.40	0.00	2,112.40	2,447.95	1,223.98	3,491.89	1,724.51	1.31	-0.82	0.744
20.00	-29.79	-24.03	0.00	-1,989.78	0.00	1,989.78	2,392.60	1,196.30	3,334.95	1,647.01	2.31	-1.10	0.725
25.00	-28.33	-23.53	0.00	-1,869.64	0.00	1,869.64	2,337.26	1,168.63	3,181.62	1,571.28	3.61	-1.37	0.705
30.00	-26.92	-22.98	0.00	-1,752.01	0.00	1,752.01	2,281.91	1,140.96	3,031.90	1,497.34	5.19	-1.64	0.684
31.50	-26.47	-22.85	0.00	-1,717.53	0.00	1,717.53	2,265.31	1,132.65	2,987.68	1,475.50	5.71	-1.72	0.677
35.00	-25.04	-22.42	0.00	-1,637.56	0.00	1,637.56	2,226.57	1,113.28	2,885.79	1,425.19	7.05	-1.91	0.652
35.67	-24.73	-22.39	0.00	-1,622.60	0.00	1,622.60	1,889.79	944.90	2,499.95	1,234.63	7.32	-1.94	0.706
40.00	-23.41	-21.29	0.00	-1,525.58	0.00	1,525.58	1,849.82	924.91	2,394.82	1,182.71	9.19	-2.17	0.684
45.00	-22.16	-20.71	0.00	-1,419.14	0.00	1,419.14	1,803.70	901.85	2,276.32	1,124.19	11.61	-2.45	0.658
50.00	-20.93	-20.11	0.00	-1,315.58	0.00	1,315.58	1,757.58	878.79	2,160.82	1,067.15	14.32	-2.72	0.632
55.00	-19.72	-19.50	0.00	-1,215.01	0.00	1,215.01	1,711.46	855.73	2,048.33	1,011.59	17.31	-2.98	0.604
60.00	-18.54	-18.87	0.00	-1,117.50	0.00	1,117.50	1,665.34	832.67	1,938.85	957.53	20.57	-3.25	0.576
65.00	-17.38	-18.23	0.00	-1,023.13	0.00	1,023.13	1,619.22	809.61	1,832.38	904.94	24.11	-3.50	0.547
70.00	-16.28	-17.55	0.00	-931.96	0.00	931.96	1,573.10	786.55	1,728.91	853.84	27.91	-3.75	0.516
70.00	-16.26	-17.57	0.00	-931.96	0.00	931.96	1,573.09	786.55	1,728.90	853.84	27.91	-3.75	0.516
73.50	-15.18	-17.07	0.00	-870.45	0.00	870.45	1,259.14	629.57	1,387.79	685.38	30.72	-3.92	0.532
75.00	-14.85	-16.90	0.00	-844.85	0.00	844.85	1,248.07	624.03	1,363.39	673.33	31.96	-3.99	0.522
80.00	-13.86	-16.23	0.00	-760.35	0.00	760.35	1,211.17	605.59	1,283.60	633.92	36.27	-4.24	0.486
85.00	-12.89	-15.56	0.00	-679.20	0.00	679.20	1,174.27	587.14	1,206.22	595.71	40.83	-4.47	0.450
90.00	-11.94	-14.88	0.00	-601.41	0.00	601.41	1,137.38	568.69	1,131.25	558.68	45.63	-4.69	0.413
95.00	-11.01	-14.20	0.00	-527.01	0.00	527.01	1,100.48	550.24	1,058.68	522.84	50.66	-4.90	0.376
100.00	-10.10	-13.51	0.00	-456.03	0.00	456.03	1,063.58	531.79	988.52	488.19	55.89	-5.10	0.338
105.00	-9.21	-12.83	0.00	-388.46	0.00	388.46	1,026.69	513.34	920.76	454.73	61.33	-5.28	0.299
110.00	-8.36	-12.14	0.00	-324.31	0.00	324.31	989.79	494.89	855.40	422.45	66.94	-5.44	0.259
110.00	-8.35	-12.15	0.00	-324.30	0.00	324.30	989.79	494.89	855.40	422.45	66.94	-5.44	0.259
110.00	-8.35	-12.15	0.00	-324.30	0.00	324.30	989.79	494.89	855.40	422.45	66.94	-5.44	0.282
115.00	-7.59	-11.44	0.00	-263.57	0.00	263.57	716.88	358.44	599.87	296.25	72.71	-5.59	0.238
120.00	-6.85	-10.72	0.00	-206.40	0.00	206.40	689.20	344.60	554.25	273.72	78.63	-5.73	0.194
121.00	-6.70	-10.58	0.00	-195.67	0.00	195.67	689.20	344.60	554.25	273.72	79.83	-5.75	0.185
121.00	-6.70	-10.58	0.00	-195.67	0.00	195.67	689.20	344.60	554.25	273.72	79.83	-5.75	0.737
122.00	-6.32	-9.83	0.00	-185.09	0.00	185.09	678.14	339.07	536.50	264.96	81.04	-5.77	0.709
125.00	-6.06	-9.46	0.00	-155.59	0.00	155.59	661.53	330.77	510.43	252.08	84.75	-6.04	0.627
130.00	-5.67	-8.97	0.00	-108.27	0.00	108.27	633.86	316.93	468.41	231.33	91.27	-6.41	0.478
132.00	-4.52	-5.72	0.00	-90.33	0.00	90.33	622.79	311.39	452.11	223.28	93.98	-6.54	0.412
135.00	-4.32	-5.51	0.00	-73.19	0.00	73.19	606.19	303.09	428.21	211.47	98.14	-6.70	0.354
140.00	-2.63	-3.73	0.00	-45.62	0.00	45.62	578.51	289.26	389.80	192.51	105.26	-6.92	0.242
145.00	-2.40	-3.41	0.00	-26.97	0.00	26.97	550.84	275.42	353.20	174.43	112.58	-7.07	0.159
150.00	0.00	-3.09	0.00	-9.92	0.00	9.92	523.17	261.58	318.40	157.25	120.02	-7.16	0.063

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
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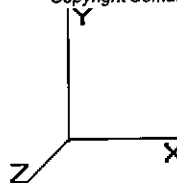
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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 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	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	256.32	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	15.364	16.90	250.95	1.200 *	0.00	5.00	15.955	19.15	517.7	0.0	1,011.0
10.00		1.00	0.70	15.364	16.90	245.57	1.200 *	0.00	5.00	15.617	18.74	506.8	0.0	996.5
15.00		1.00	0.70	15.364	16.90	240.20	1.200 *	0.00	5.00	15.279	18.34	495.8	0.0	982.0
20.00		1.00	0.70	15.364	16.90	234.83	1.200 *	0.00	5.00	14.942	17.93	484.8	0.0	967.5
25.00		1.00	0.70	15.364	16.90	229.45	1.200 *	0.00	5.00	14.604	17.52	473.9	0.0	953.0
30.00		1.00	0.70	15.377	16.91	224.18	1.200 *	0.00	5.00	14.266	17.12	463.3	0.0	938.5
31.50	Bot - Section 2	1.00	0.71	15.593	17.15	224.12	1.200 *	0.00	1.50	4.215	5.06	138.8	0.0	278.8
35.00		1.00	0.73	16.070	17.67	223.67	1.200 *	0.00	3.50	9.902	11.88	336.0	0.0	995.6
35.67	Top - Section 1	1.00	0.73	16.156	17.77	223.54	1.200 *	0.00	0.67	1.868	2.24	63.8	0.0	188.3
40.00	Appertunance(s)	1.00	0.76	16.694	18.36	226.85	1.200 *	0.00	4.33	11.991	14.39	422.8	0.0	713.6
45.00		1.00	0.78	17.266	18.99	225.00	1.200 *	0.00	5.00	13.521	16.23	493.1	0.0	812.2
50.00		1.00	0.81	17.793	19.57	222.63	1.200 *	0.00	5.00	13.183	15.82	495.4	0.0	800.1
55.00		1.00	0.83	18.285	20.11	219.82	1.200 *	0.00	5.00	12.845	15.41	496.0	0.0	788.0
60.00		1.00	0.85	18.745	20.61	216.64	1.200 *	0.00	5.00	12.507	15.01	495.2	0.0	775.9
65.00		1.00	0.87	19.179	21.09	213.13	1.200 *	0.00	5.00	12.169	14.60	492.9	0.0	763.9
70.00		1.00	0.89	19.589	21.54	209.33	1.200 *	0.00	5.00	11.831	14.20	489.5	0.0	751.8
70.00	Bot - Section 3	1.00	0.89	19.589	21.54	209.33	1.200 *	0.00	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	0.90	19.864	21.85	206.52	1.200 *	0.00	3.50	8.232	9.88	345.3	0.0	752.1
75.00		1.00	0.91	19.979	21.97	209.19	1.200 *	0.00	1.50	3.476	4.17	146.7	0.0	198.6
80.00		1.00	0.92	20.351	22.38	204.94	1.200 *	0.00	5.00	11.371	13.65	488.7	0.0	655.9
85.00		1.00	0.94	20.706	22.77	200.49	1.200 *	0.00	5.00	11.033	13.24	482.5	0.0	646.2
90.00		1.00	0.95	21.047	23.15	195.84	1.200 *	0.00	5.00	10.695	12.83	475.4	0.0	636.5
95.00		1.00	0.97	21.375	23.51	191.02	1.200 *	0.00	5.00	10.357	12.43	467.6	0.0	626.9
100.0		1.00	0.98	21.690	23.86	186.05	1.200 *	0.00	5.00	10.019	12.02	459.0	0.0	617.2
105.0		1.00	1.00	21.995	24.19	180.92	1.200 *	0.00	5.00	9.681	11.62	449.7	0.0	607.6
110.0		1.00	1.01	22.289	24.51	175.65	1.200 *	0.00	5.00	9.343	11.21	439.8	0.0	597.9
110.0	Top - Section 3	1.00	1.01	22.289	24.51	175.65	1.200 *	0.00	0.00	0.001	0.00	0.0	0.0	0.0
115.0		1.00	1.02	22.574	24.83	170.26	1.200 *	0.00	5.00	9.005	10.81	429.3	0.0	525.2
120.0		1.00	1.04	22.850	25.13	164.75	1.200 *	0.00	5.00	8.667	10.40	418.3	0.0	518.0
121.0	Reinf. Top	1.00	1.04	22.905	25.19	163.63	1.200 *	0.00	1.00	1.693	2.03	81.9	0.0	102.7
122.0	Appertunance(s)	1.00	1.04	22.959	25.25	162.51	1.200 *	0.00	1.00	1.679	2.02	81.4	0.0	35.6
125.0		1.00	1.05	23.118	25.43	159.12	1.200 *	0.00	3.00	4.957	5.95	242.0	0.0	105.2
130.0		1.00	1.06	23.379	25.71	153.39	1.200 *	0.00	5.00	7.991	9.59	394.6	0.0	169.5
132.0	Appertunance(s)	1.00	1.07	23.481	25.82	151.06	1.000 *	0.00	2.00	3.102	3.10	128.2	0.0	65.8
135.0		1.00	1.07	23.632	25.99	147.55	1.000 *	0.00	3.00	4.551	4.55	189.3	0.0	96.5
140.0	Appertunance(s)	1.00	1.08	23.879	26.26	141.62	1.000 *	0.00	5.00	7.315	7.32	307.4	0.0	155.0
145.0		1.00	1.09	24.120	26.53	135.60	1.000 *	0.00	5.00	6.977	6.98	296.2	0.0	147.8
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000 *	0.00	5.00	6.639	6.64	284.6	0.0	140.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00		13,473.9	0.0	20,117.7

Pole : 302489
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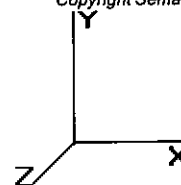
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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 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)
40.00	Channel Master 1.2 M	1	16.694	18.364	1.00	1.00	20.91	0.000	0.000	614.38	0.00	0.00	169.20
122.0	Flush Mounts	1	22.959	25.254	1.00	1.00	3.50	0.000	0.000	141.42	0.00	0.00	180.00
122.0	RFS APXV18-206517S-	3	22.959	25.254	0.73	1.00	11.32	0.000	0.000	457.50	0.00	0.00	71.28
132.0	Round T-Arm	3	23.481	25.829	0.56	0.75	16.37	0.000	0.000	676.46	0.00	0.00	675.00
132.0	Antel LPA-185080/12C	6	23.481	25.829	0.80	0.80	20.64	0.000	0.000	852.99	0.00	0.00	218.70
132.0	Antel LPA-80080/6CF	6	23.481	25.829	0.80	0.80	35.23	0.000	0.000	1,456.03	0.00	0.00	129.60
140.0	EMS RR90-17-02D	6	23.879	26.267	0.54	0.80	14.01	0.000	0.000	588.76	0.00	0.00	83.70
140.0	Low Profile Platform	1	23.879	26.267	1.00	1.00	16.00	0.000	0.000	672.44	0.00	0.00	1,080.00
150.0	TTA	6	24.355	26.790	0.56	0.75	5.06	0.000	0.000	217.00	0.00	0.00	54.00
150.0	Powerwave LGP	6	24.538	26.992	0.61	0.75	1.24	0.000	4.000	53.52	0.00	214.09	27.00
150.0	Powerwave 7770-2	6	24.538	26.992	0.54	0.75	19.25	0.000	4.000	831.31	0.00	3,325.25	189.00
150.0	Decibel DB809-Y	1	24.795	27.275	0.75	0.75	4.37	0.000	9.710	190.81	0.00	1,852.79	21.60
150.0	Platform w/ Handrail	1	24.493	26.942	1.00	1.00	35.00	0.000	3.000	1,508.76	0.00	4,526.27	1,620.00
										8,261.37			4,519.08

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

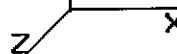
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
5.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.253	0.000	26.77	44.27
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.253	0.000	36.78	0.00
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.253	0.000	36.78	0.00
5.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.253	0.000	27.04	0.00
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.253	0.000	0.00	22.14
5.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.253	0.000	3.79	0.13
10.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.259	0.000	26.77	44.27
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.259	0.000	36.78	0.00
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.259	0.000	36.78	0.00
10.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.259	0.000	27.04	0.00
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.259	0.000	0.00	22.14
10.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.259	0.000	3.79	0.13
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.265	0.000	26.77	44.27
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.265	0.000	36.78	0.00
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.265	0.000	36.78	0.00
15.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.265	0.000	27.04	0.00
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.265	0.000	0.00	22.14
15.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.265	0.000	3.79	0.13
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.270	0.000	26.77	44.27
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.270	0.000	36.78	0.00
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.270	0.000	36.78	0.00
20.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.270	0.000	27.04	0.00
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.270	0.000	0.00	22.14
20.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.270	0.000	3.79	0.13
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.364	0.277	0.000	26.77	44.27
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.277	0.000	36.78	0.00
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.364	0.277	0.000	36.78	0.00
25.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.364	0.277	0.000	27.04	0.00
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.364	0.277	0.000	0.00	22.14
25.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.364	0.277	0.000	3.79	0.13
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	15.377	0.283	0.000	26.79	44.27
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.377	0.283	0.000	36.81	0.00
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	15.377	0.283	0.000	36.81	0.00
30.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	15.377	0.283	0.000	27.06	0.00
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	15.377	0.283	0.000	0.00	22.14
30.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	15.377	0.283	0.000	3.79	0.13
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	15.593	0.288	0.000	8.15	13.29
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	15.593	0.288	0.000	11.20	0.00
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	15.593	0.288	0.000	11.20	0.00
31.50	(0) Angle brackets	Yes	1.50	1.200	2.00	0.25	0.30	15.593	0.288	0.000	8.23	0.00
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	15.593	0.288	0.000	0.00	6.64
31.50	(1) RG6	Yes	1.50	1.200	0.28	0.04	0.04	15.593	0.288	0.000	1.15	0.04
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	16.070	0.291	0.000	19.60	30.99
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	16.070	0.291	0.000	26.92	0.00
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	16.070	0.291	0.000	26.92	0.00
35.00	(0) Angle brackets	Yes	3.50	1.200	2.00	0.58	0.70	16.070	0.291	0.000	19.80	0.00
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	16.070	0.291	0.000	0.00	15.49
35.00	(1) RG6	Yes	3.50	1.200	0.28	0.08	0.10	16.070	0.291	0.000	2.77	0.09
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	16.156	0.294	0.000	3.76	5.91
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.15	0.18	16.156	0.294	0.000	5.16	0.00
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.15	0.18	16.156	0.294	0.000	5.16	0.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

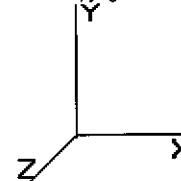
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

35.67	(0) Angle brackets	Yes	0.67	1.200	2.00	0.11	0.13	16.156	0.294	0.000	3.79	0.00
35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	16.156	0.294	0.000	0.00	2.95
35.67	(1) RG6	Yes	0.67	1.200	0.28	0.02	0.02	16.156	0.294	0.000	0.53	0.02
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	16.694	0.292	0.000	25.21	38.37
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	0.98	1.18	16.694	0.292	0.000	34.63	0.00
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	0.98	1.18	16.694	0.292	0.000	34.63	0.00
40.00	(0) Angle brackets	Yes	4.33	1.200	2.00	0.72	0.87	16.694	0.292	0.000	25.46	0.00
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	16.694	0.292	0.000	0.00	19.18
40.00	(1) RG6	Yes	4.33	1.200	0.28	0.10	0.12	16.694	0.292	0.000	3.56	0.11
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	17.266	0.290	0.000	30.08	44.27
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.266	0.290	0.000	41.33	0.00
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.266	0.290	0.000	41.33	0.00
45.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	17.266	0.290	0.000	30.39	0.00
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.266	0.290	0.000	0.00	22.14
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	17.793	0.298	0.000	31.00	44.27
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.793	0.298	0.000	42.59	0.00
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	17.793	0.298	0.000	42.59	0.00
50.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	17.793	0.298	0.000	31.32	0.00
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	17.793	0.298	0.000	0.00	22.14
55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.285	0.306	0.000	31.86	44.27
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.285	0.306	0.000	43.77	0.00
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.285	0.306	0.000	43.77	0.00
55.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	18.285	0.306	0.000	32.18	0.00
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.285	0.306	0.000	0.00	22.14
60.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.745	0.314	0.000	32.66	44.27
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.745	0.314	0.000	44.87	0.00
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	18.745	0.314	0.000	44.87	0.00
60.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	18.745	0.314	0.000	32.99	0.00
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.745	0.314	0.000	0.00	22.14
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.179	0.323	0.000	33.42	44.27
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.179	0.323	0.000	45.91	0.00
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.179	0.323	0.000	45.91	0.00
65.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	19.179	0.323	0.000	33.75	0.00
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.179	0.323	0.000	0.00	22.14
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.589	0.332	0.000	34.13	44.27
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.589	0.332	0.000	46.89	0.00
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	19.589	0.332	0.000	46.89	0.00
70.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	19.589	0.332	0.000	34.48	0.00
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.589	0.332	0.000	0.00	22.14
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	19.589	0.337	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	19.589	0.337	0.000	0.00	0.00
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	19.864	0.340	0.000	24.23	30.99
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	19.864	0.340	0.000	33.28	0.00
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	19.864	0.340	0.000	33.28	0.00
73.50	(0) Angle brackets	Yes	3.50	1.200	2.00	0.58	0.70	19.864	0.340	0.000	24.47	0.00
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	19.864	0.340	0.000	0.00	15.50
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	19.979	0.339	0.000	10.44	13.28
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	19.979	0.339	0.000	14.34	0.00
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	19.979	0.339	0.000	14.34	0.00
75.00	(0) Angle brackets	Yes	1.50	1.200	2.00	0.25	0.30	19.979	0.339	0.000	10.55	0.00
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	19.979	0.339	0.000	0.00	6.64
80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.351	0.345	0.000	35.46	44.27
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	20.351	0.345	0.000	48.71	0.00
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	20.351	0.345	0.000	48.71	0.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

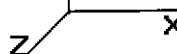
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

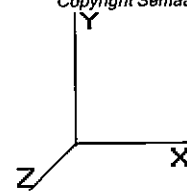
80.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	20.351	0.345	0.000	35.82	0.00
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.351	0.345	0.000	0.00	22.14
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.706	0.356	0.000	36.08	44.27
85.00	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	20.706	0.356	0.000	49.56	0.00
85.00	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	20.706	0.356	0.000	49.56	0.00
85.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	20.706	0.356	0.000	36.44	0.00
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.706	0.356	0.000	0.00	22.14
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.047	0.367	0.000	36.67	44.27
90.00	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.047	0.367	0.000	50.38	0.00
90.00	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.047	0.367	0.000	50.38	0.00
90.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.047	0.367	0.000	37.04	0.00
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.047	0.367	0.000	0.00	22.14
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.375	0.379	0.000	37.24	44.27
95.00	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.375	0.379	0.000	51.16	0.00
95.00	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.375	0.379	0.000	51.16	0.00
95.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.375	0.379	0.000	37.62	0.00
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.375	0.379	0.000	0.00	22.14
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.690	0.392	0.000	37.79	44.27
100.0	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.690	0.392	0.000	51.92	0.00
100.0	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.690	0.392	0.000	51.92	0.00
100.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.690	0.392	0.000	38.18	0.00
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.690	0.392	0.000	0.00	22.14
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.995	0.405	0.000	38.32	44.27
105.0	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.995	0.405	0.000	52.65	0.00
105.0	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	21.995	0.405	0.000	52.65	0.00
105.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	21.995	0.405	0.000	38.71	0.00
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.995	0.405	0.000	0.00	22.14
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.289	0.420	0.000	38.84	44.27
110.0	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	22.289	0.420	0.000	53.35	0.00
110.0	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	22.289	0.420	0.000	53.35	0.00
110.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	22.289	0.420	0.000	39.23	0.00
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.289	0.420	0.000	0.00	22.14
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(2) #20 Dywidaq bars	Yes	0.00	1.200	2.72	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(0) #20 Dywidaq bars	Yes	0.00	1.200	2.72	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	22.289	0.518	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	22.289	0.518	0.000	0.00	0.00
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.574	0.527	0.000	39.33	44.27
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.574	0.527	0.000	39.33	44.27
115.0	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	22.574	0.527	0.000	54.03	0.00
115.0	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	22.574	0.527	0.000	54.03	0.00
115.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	22.574	0.527	0.000	39.73	0.00
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.574	0.527	0.000	0.00	22.14
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.850	0.548	0.000	39.81	44.27
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	22.850	0.548	0.000	39.81	44.27
120.0	(2) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	22.850	0.548	0.000	54.69	0.00
120.0	(0) #20 Dywidaq bars	Yes	5.00	1.200	2.72	1.13	1.36	22.850	0.548	0.000	54.69	0.00
120.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	22.850	0.548	0.000	40.22	0.00
120.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	22.850	0.548	0.000	0.00	22.14
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.905	0.561	0.000	7.98	8.85
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.905	0.561	0.000	7.98	8.85
121.0	(2) #20 Dywidaq bars	Yes	1.00	1.200	2.72	0.23	0.27	22.905	0.561	0.000	10.96	0.00
121.0	(0) #20 Dywidaq bars	Yes	1.00	1.200	2.72	0.23	0.27	22.905	0.561	0.000	10.96	0.00
121.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.17	0.20	22.905	0.561	0.000	8.06	0.00
121.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.905	0.561	0.000	0.00	4.43
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.959	0.566	0.000	8.00	8.85

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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)

26 Iterations

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

Wind Importance Factor : 1.00

122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	22.959	0.566	0.000	8.00	8.85
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	22.959	0.566	0.000	10.99	0.00
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	22.959	0.566	0.000	10.99	0.00
122.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.17	0.20	22.959	0.566	0.000	8.08	0.00
122.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.959	0.566	0.000	0.00	4.43
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	23.118	0.575	0.000	24.17	26.56
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	23.118	0.575	0.000	24.17	26.56
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	0.68	0.82	23.118	0.575	0.000	33.20	0.00
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	0.68	0.82	23.118	0.575	0.000	33.20	0.00
125.0	(0) Angle brackets	Yes	3.00	1.200	2.00	0.50	0.60	23.118	0.575	0.000	24.41	0.00
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.379	0.206	0.000	40.74	44.27
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.379	0.206	0.000	40.74	44.27
132.0	(12) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	23.481	0.106	1.019	0.00	17.71
135.0	(12) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	23.632	0.109	1.026	0.00	26.56
140.0	(12) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	23.879	0.113	1.038	0.00	44.27
Totals:											4,156.00	1,957.98

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

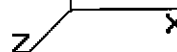
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Applied Segment Forces Summary

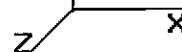
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	648.89	1,169.75	0.00	0.00
10.00	637.92	1,155.27	0.00	0.00
15.00	626.95	1,140.78	0.00	0.00
20.00	615.99	1,126.29	0.00	0.00
25.00	605.02	1,111.80	0.00	0.00
30.00	594.56	1,097.32	0.00	0.00
31.50	178.74	326.44	0.00	0.00
35.00	432.06	1,106.70	0.00	0.00
35.67	82.15	209.45	0.00	0.00
40.00	1,160.66	1,020.38	0.00	0.00
45.00	636.18	970.81	0.00	0.00
50.00	642.93	958.74	0.00	0.00
55.00	647.62	946.66	0.00	0.00
60.00	650.54	934.59	0.00	0.00
65.00	651.90	922.52	0.00	0.00
70.00	651.87	910.45	0.00	0.00
70.00	0.04	0.06	0.00	0.00
73.50	460.61	863.20	0.00	0.00
75.00	196.37	246.18	0.00	0.00
80.00	657.44	814.50	0.00	0.00
85.00	654.15	804.85	0.00	0.00
90.00	649.89	795.19	0.00	0.00
95.00	644.75	785.53	0.00	0.00
100.0	638.79	775.87	0.00	0.00
105.0	632.06	766.22	0.00	0.00
110.0	624.60	756.56	0.00	0.00
110.0	0.04	0.05	0.00	0.00
115.0	655.76	683.87	0.00	0.00
120.0	647.52	676.67	0.00	0.00
121.0	127.85	134.46	0.00	0.00
122.0	726.42	318.66	0.00	0.00
125.0	381.19	187.11	0.00	0.00
130.0	476.05	306.05	0.00	0.00
132.0	3,113.66	1,125.98	0.00	0.00
135.0	189.31	151.85	0.00	0.00
140.0	1,568.64	1,410.99	0.00	0.00
145.0	296.20	195.77	0.00	0.00
150.0	3,086.00	2,100.13	0.00	9,918.39
Totals:	25,891.33	29,007.68	0.00	9,918.39

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

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

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Base Elev : 0.000 (ft)



Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

26 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Calculated Forces

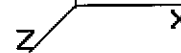
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-28.94	-25.96	0.00	-2,464.61	0.00	2,464.61	2,613.99	1,306.99	3,984.35	1,967.72	0.00	0.00	0.786
5.00	-27.66	-25.44	0.00	-2,334.81	0.00	2,334.81	2,558.64	1,279.32	3,816.59	1,884.87	0.15	-0.27	0.769
10.00	-26.39	-24.92	0.00	-2,207.61	0.00	2,207.61	2,503.30	1,251.65	3,652.43	1,803.80	0.58	-0.54	0.751
15.00	-25.14	-24.40	0.00	-2,083.02	0.00	2,083.02	2,447.95	1,223.98	3,491.89	1,724.51	1.29	-0.81	0.732
20.00	-23.91	-23.87	0.00	-1,961.03	0.00	1,961.03	2,392.60	1,196.30	3,334.95	1,647.01	2.28	-1.08	0.713
25.00	-22.71	-23.35	0.00	-1,841.66	0.00	1,841.66	2,337.26	1,168.63	3,181.62	1,571.28	3.56	-1.35	0.693
30.00	-21.56	-22.79	0.00	-1,724.90	0.00	1,724.90	2,281.91	1,140.96	3,031.90	1,497.34	5.12	-1.62	0.672
31.50	-21.18	-22.66	0.00	-1,690.71	0.00	1,690.71	2,265.31	1,132.65	2,987.68	1,475.50	5.64	-1.70	0.665
35.00	-20.05	-22.23	0.00	-1,611.42	0.00	1,611.42	2,226.57	1,113.28	2,885.79	1,425.19	6.95	-1.88	0.641
35.67	-19.79	-22.18	0.00	-1,596.59	0.00	1,596.59	1,889.79	944.90	2,499.95	1,234.63	7.22	-1.92	0.693
40.00	-18.72	-21.07	0.00	-1,500.47	0.00	1,500.47	1,849.82	924.91	2,394.82	1,182.71	9.06	-2.14	0.671
45.00	-17.68	-20.48	0.00	-1,395.13	0.00	1,395.13	1,803.70	901.85	2,276.32	1,124.19	11.45	-2.41	0.646
50.00	-16.66	-19.87	0.00	-1,292.74	0.00	1,292.74	1,757.58	878.79	2,160.82	1,067.15	14.12	-2.68	0.619
55.00	-15.66	-19.25	0.00	-1,193.40	0.00	1,193.40	1,711.46	855.73	2,048.33	1,011.59	17.06	-2.94	0.592
60.00	-14.68	-18.61	0.00	-1,097.16	0.00	1,097.16	1,665.34	832.67	1,938.85	957.53	20.28	-3.20	0.564
65.00	-13.72	-17.97	0.00	-1,004.10	0.00	1,004.10	1,619.22	809.61	1,832.38	904.94	23.76	-3.45	0.535
70.00	-12.81	-17.29	0.00	-914.26	0.00	914.26	1,573.10	786.55	1,728.91	853.84	27.50	-3.69	0.505
70.00	-12.79	-17.31	0.00	-914.25	0.00	914.25	1,573.09	786.55	1,728.90	853.84	27.50	-3.69	0.505
73.50	-11.92	-16.81	0.00	-853.68	0.00	853.68	1,259.14	629.57	1,387.79	685.38	30.26	-3.86	0.521
75.00	-11.64	-16.63	0.00	-828.47	0.00	828.47	1,248.07	624.03	1,363.39	673.33	31.49	-3.93	0.510
80.00	-10.81	-15.97	0.00	-745.30	0.00	745.30	1,211.17	605.59	1,283.60	633.92	35.73	-4.17	0.476
85.00	-10.00	-15.29	0.00	-665.47	0.00	665.47	1,174.27	587.14	1,206.22	595.71	40.21	-4.40	0.440
90.00	-9.20	-14.62	0.00	-589.01	0.00	589.01	1,137.38	568.69	1,131.25	558.68	44.93	-4.62	0.404
95.00	-8.43	-13.94	0.00	-515.94	0.00	515.94	1,100.48	550.24	1,058.68	522.84	49.88	-4.82	0.367
100.00	-7.66	-13.26	0.00	-446.25	0.00	446.25	1,063.58	531.79	988.52	488.19	55.03	-5.01	0.329
105.00	-6.92	-12.58	0.00	-379.95	0.00	379.95	1,026.69	513.34	920.76	454.73	60.37	-5.19	0.291
110.00	-6.21	-11.90	0.00	-317.04	0.00	317.04	989.79	494.89	855.40	422.45	65.88	-5.35	0.252
110.00	-6.19	-11.91	0.00	-317.04	0.00	317.04	989.79	494.89	855.40	422.45	65.88	-5.35	0.252
110.00	-6.19	-11.91	0.00	-317.04	0.00	317.04	989.79	494.89	855.40	422.45	65.88	-5.35	0.275
115.00	-5.55	-11.20	0.00	-257.51	0.00	257.51	716.88	358.44	599.87	296.25	71.56	-5.49	0.232
120.00	-4.92	-10.50	0.00	-201.50	0.00	201.50	689.20	344.60	554.25	273.72	77.38	-5.63	0.188
121.00	-4.80	-10.36	0.00	-191.00	0.00	191.00	689.20	344.60	554.25	273.72	78.55	-5.65	0.180
121.00	-4.80	-10.36	0.00	-191.00	0.00	191.00	689.20	344.60	554.25	273.72	78.55	-5.65	0.717
122.00	-4.53	-9.62	0.00	-180.63	0.00	180.63	678.14	339.07	536.50	264.96	79.74	-5.67	0.689
125.00	-4.33	-9.24	0.00	-151.78	0.00	151.78	661.53	330.77	510.43	252.08	83.38	-5.93	0.609
130.00	-4.04	-8.75	0.00	-105.56	0.00	105.56	633.86	316.93	468.41	231.33	89.79	-6.29	0.463
132.00	-3.25	-5.54	0.00	-88.05	0.00	88.05	622.79	311.39	452.11	223.28	92.45	-6.42	0.400
135.00	-3.10	-5.35	0.00	-71.42	0.00	71.42	606.19	303.09	428.21	211.47	96.52	-6.58	0.343
140.00	-1.87	-3.63	0.00	-44.67	0.00	44.67	578.51	289.26	389.80	192.51	103.52	-6.79	0.235
145.00	-1.71	-3.32	0.00	-26.51	0.00	26.51	550.84	275.42	353.20	174.43	110.70	-6.94	0.155
150.00	0.00	-3.09	0.00	-9.92	0.00	9.92	523.17	261.58	318.40	157.25	118.01	-7.03	0.063

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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 50.00 mph with 1.25 in Radial Ice

26 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

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	4.256	4.682	0.000	1.200	0.00	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	4.256	4.682	0.000	1.200 *	2.07	5.00	17.681	21.22	99.3	517.9	1,754.5
10.00		1.00	0.70	4.256	4.682	0.000	1.200 *	2.21	5.00	17.466	20.96	98.1	545.9	1,763.2
15.00		1.00	0.70	4.256	4.682	0.000	1.200 *	2.31	5.00	17.205	20.65	96.7	558.0	1,756.0
20.00		1.00	0.70	4.256	4.682	0.000	1.200 *	2.37	5.00	16.923	20.31	95.1	563.3	1,741.9
25.00		1.00	0.70	4.256	4.682	0.000	1.200 *	2.43	5.00	16.630	19.96	93.4	564.4	1,723.8
30.00		1.00	0.70	4.260	4.686	0.000	1.200 *	2.47	5.00	16.329	19.59	91.8	562.9	1,703.0
31.50	Bot - Section 2	1.00	0.71	4.319	4.751	0.000	1.200 *	2.48	1.50	4.837	5.80	27.6	168.7	507.0
35.00		1.00	0.73	4.451	4.897	0.000	1.200 *	2.51	3.50	11.368	13.64	66.8	398.8	1,648.2
35.67	Top - Section 1	1.00	0.73	4.475	4.923	0.000	1.200 *	2.52	0.67	2.148	2.58	12.7	75.9	312.1
40.00	Appertunance(s)	1.00	0.76	4.625	5.087	0.000	1.200 *	2.54	4.33	13.831	16.60	84.4	489.6	1,344.5
45.00		1.00	0.78	4.783	5.261	0.000	1.200 *	2.57	5.00	15.670	18.80	98.9	559.0	1,530.6
50.00		1.00	0.81	4.929	5.422	0.000	1.200 *	2.60	5.00	15.355	18.43	99.9	552.2	1,507.6
55.00		1.00	0.83	5.065	5.572	0.000	1.200 *	2.63	5.00	15.038	18.05	100.5	544.5	1,483.9
60.00		1.00	0.85	5.193	5.712	0.000	1.200 *	2.65	5.00	14.719	17.66	100.9	536.2	1,459.4
65.00		1.00	0.87	5.313	5.844	0.000	1.200 *	2.67	5.00	14.399	17.28	101.0	527.2	1,434.4
70.00		1.00	0.89	5.426	5.969	0.000	1.200 *	2.69	5.00	14.077	16.89	100.8	517.8	1,408.9
70.00	Bot - Section 3	1.00	0.89	5.426	5.969	0.000	1.200 *	2.69	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	0.90	5.502	6.053	0.000	1.200 *	2.70	3.50	9.812	11.77	71.3	363.8	1,288.7
75.00		1.00	0.91	5.534	6.088	0.000	1.200 *	2.71	1.50	4.155	4.99	30.4	155.0	386.4
80.00		1.00	0.92	5.637	6.201	0.000	1.200 *	2.73	5.00	13.647	16.38	101.6	506.5	1,269.6
85.00		1.00	0.94	5.736	6.309	0.000	1.200 *	2.74	5.00	13.323	15.99	100.9	495.9	1,246.2
90.00		1.00	0.95	5.830	6.413	0.000	1.200 *	2.76	5.00	12.998	15.60	100.0	485.0	1,222.4
95.00		1.00	0.97	5.921	6.513	0.000	1.200 *	2.77	5.00	12.673	15.21	99.0	473.8	1,198.3
100.0		1.00	0.98	6.008	6.609	0.000	1.200 *	2.79	5.00	12.347	14.82	97.9	462.3	1,173.9
105.0		1.00	1.00	6.093	6.702	0.000	1.200 *	2.80	5.00	12.020	14.42	96.7	450.5	1,149.3
110.0		1.00	1.01	6.174	6.792	0.000	1.200 *	2.82	5.00	11.693	14.03	95.3	438.5	1,124.4
110.0	Top - Section 3	1.00	1.01	6.174	6.792	0.000	1.200 *	2.82	0.00	0.001	0.00	0.0	0.0	0.1
115.0		1.00	1.02	6.253	6.879	0.000	1.200 *	2.83	5.00	11.365	13.64	93.8	426.3	1,015.3
120.0		1.00	1.04	6.330	6.963	0.000	1.200 *	2.84	5.00	11.038	13.25	92.2	413.9	993.3
121.0	Reinf. Top	1.00	1.04	6.345	6.979	0.000	1.200 *	2.84	1.00	2.167	2.60	18.2	82.3	197.0
122.0	Appertunance(s)	1.00	1.04	6.360	6.996	0.000	1.200 *	2.84	1.00	2.154	2.59	18.1	81.8	129.3
125.0		1.00	1.05	6.404	7.044	0.000	1.200 *	2.85	3.00	6.385	7.66	54.0	240.8	381.0
130.0		1.00	1.06	6.476	7.124	0.000	1.200 *	2.86	5.00	10.381	12.46	88.7	388.5	614.6
132.0	Appertunance(s)	1.00	1.07	6.504	7.155	0.000	1.200 *	2.87	2.00	4.059	4.87	34.9	153.3	241.1
135.0		1.00	1.07	6.546	7.201	0.000	1.200 *	2.87	3.00	5.991	7.19	51.8	225.3	354.0
140.0	Appertunance(s)	1.00	1.08	6.615	7.276	0.000	1.200 *	2.88	5.00	9.723	11.67	84.9	362.5	569.2
145.0		1.00	1.09	6.681	7.350	0.000	1.200	2.89	5.00	9.393	11.27	82.8	349.2	546.3
150.0	Appertunance(s)	1.00	1.11	6.746	7.421	0.000	1.200	2.90	5.00	9.063	10.88	80.7	335.8	523.2
* = Cf Adjusted By Linear Load Ra Effect								Totals:	150.00			2,861.1	14,573.3	38,702.6

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

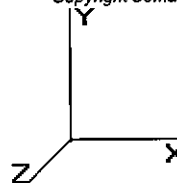
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.25 in Radial Ice

26 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

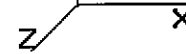
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
40.00	Channel Master 1.2 M	1	4.625	5.087	1.00	1.00	27.30	0.000	0.000	138.90	0.00	0.00	615.73
122.0	Flush Mounts	1	6.360	6.996	1.00	1.00	9.48	0.000	0.000	66.34	0.00	0.00	709.84
122.0	RFS APXV18-206517S-	3	6.360	6.996	0.73	1.00	15.90	0.000	0.000	111.20	0.00	0.00	782.85
132.0	Round T-Arm	3	6.504	7.155	0.56	0.75	39.31	0.000	0.000	281.24	0.00	0.00	1,741.83
132.0	Antel LPA-185080/12C	6	6.504	7.155	0.80	0.80	26.54	0.000	0.000	189.89	0.00	0.00	1,669.69
132.0	Antel LPA-80080/6CF	6	6.504	7.155	0.80	0.80	30.62	0.000	0.000	219.07	0.00	0.00	2,346.65
140.0	EMS RR90-17-02D	6	6.615	7.276	0.54	0.80	19.59	0.000	0.000	142.52	0.00	0.00	1,283.29
140.0	Low Profile Platform	1	6.615	7.276	1.00	1.00	34.49	0.000	0.000	250.94	0.00	0.00	2,226.57
150.0	TTA	6	6.746	7.421	0.56	0.75	8.09	0.000	0.000	60.05	0.00	0.00	804.15
150.0	Powerwave LGP	6	6.797	7.477	0.61	0.75	2.93	0.000	4.000	21.89	0.00	87.57	250.16
150.0	Powerwave 7770-2	6	6.797	7.477	0.54	0.75	24.05	0.000	4.000	179.82	0.00	719.28	1,820.86
150.0	Decibel DB809-Y	1	6.868	7.555	0.75	0.75	9.46	0.000	9.710	71.47	0.00	693.99	14.72
150.0	Platform w/ Handrail	1	6.785	7.463	1.00	1.00	75.72	0.000	3.000	565.12	0.00	1,695.37	3,554.26
										2,298.47			17,820.61

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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	50.00 mph with 1.25 in Radial Ice	26 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces (Factored)

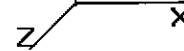
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
5.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.55	3.06	4.256	0.253	0.000	14.33	296.12
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	2.86	3.43	4.256	0.253	0.000	16.06	76.14
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	2.86	3.43	4.256	0.253	0.000	16.06	76.14
5.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.56	3.07	4.256	0.253	0.000	14.37	26.18
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.253	0.000	0.00	161.15
5.00	(1) RG6	Yes	5.00	1.200	0.28	1.84	2.21	4.256	0.253	0.000	10.35	28.60
10.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.67	3.21	4.256	0.259	0.000	15.02	313.74
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	2.98	3.58	4.256	0.259	0.000	16.75	83.18
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	2.98	3.58	4.256	0.259	0.000	16.75	83.18
10.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.68	3.22	4.256	0.259	0.000	15.07	30.07
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.259	0.000	0.00	171.90
10.00	(1) RG6	Yes	5.00	1.200	0.28	1.97	2.36	4.256	0.259	0.000	11.04	32.65
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.75	3.30	4.256	0.265	0.000	15.45	324.76
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.06	3.67	4.256	0.265	0.000	17.18	87.66
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.06	3.67	4.256	0.265	0.000	17.18	87.66
15.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.76	3.31	4.256	0.265	0.000	15.50	32.61
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.265	0.000	0.00	178.68
15.00	(1) RG6	Yes	5.00	1.200	0.28	2.04	2.45	4.256	0.265	0.000	11.47	35.29
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.81	3.37	4.256	0.270	0.000	15.77	332.92
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.11	3.74	4.256	0.270	0.000	17.50	91.02
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.11	3.74	4.256	0.270	0.000	17.50	91.02
20.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.81	3.38	4.256	0.270	0.000	15.81	34.54
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.270	0.000	0.00	183.73
20.00	(1) RG6	Yes	5.00	1.200	0.28	2.10	2.52	4.256	0.270	0.000	11.79	37.29
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.85	3.42	4.256	0.277	0.000	16.02	339.46
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.16	3.79	4.256	0.277	0.000	17.75	93.73
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.16	3.79	4.256	0.277	0.000	17.75	93.73
25.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.86	3.43	4.256	0.277	0.000	16.07	36.12
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.256	0.277	0.000	0.00	187.79
25.00	(1) RG6	Yes	5.00	1.200	0.28	2.14	2.57	4.256	0.277	0.000	12.04	38.92
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.89	3.47	4.260	0.283	0.000	16.24	344.93
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.20	3.84	4.260	0.283	0.000	17.98	96.02
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.20	3.84	4.260	0.283	0.000	17.98	96.02
30.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.90	3.48	4.260	0.283	0.000	16.29	37.46
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.260	0.283	0.000	0.00	191.19
30.00	(1) RG6	Yes	5.00	1.200	0.28	2.18	2.62	4.260	0.283	0.000	12.26	40.31
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.87	1.04	4.319	0.288	0.000	4.96	103.95
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.96	1.15	4.319	0.288	0.000	5.49	29.00
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.96	1.15	4.319	0.288	0.000	5.49	29.00
31.50	(0) Angle brackets	Yes	1.50	1.200	2.00	0.87	1.05	4.319	0.288	0.000	4.97	11.35
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.319	0.288	0.000	0.00	57.65
31.50	(1) RG6	Yes	1.50	1.200	0.28	0.66	0.79	4.319	0.288	0.000	3.75	12.21
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	2.04	2.45	4.451	0.291	0.000	12.01	244.74
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	2.26	2.71	4.451	0.291	0.000	13.28	68.60
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	2.26	2.71	4.451	0.291	0.000	13.28	68.60
35.00	(0) Angle brackets	Yes	3.50	1.200	2.00	2.05	2.46	4.451	0.291	0.000	12.05	27.04
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	4.451	0.291	0.000	0.00	135.89
35.00	(1) RG6	Yes	3.50	1.200	0.28	1.55	1.86	4.451	0.291	0.000	9.10	29.06
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.39	0.47	4.475	0.294	0.000	2.30	46.72
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.43	0.52	4.475	0.294	0.000	2.55	13.11
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.43	0.52	4.475	0.294	0.000	2.55	13.11

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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	50.00 mph with 1.25 in Radial Ice	26 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		

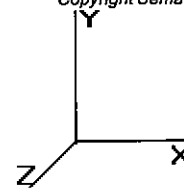
35.67	(0) Angle brackets	Yes	0.67	1.200	2.00	0.39	0.47	4.475	0.294	0.000	2.31	5.17
35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	4.475	0.294	0.000	0.00	25.95
35.67	(1) RG6	Yes	0.67	1.200	0.28	0.30	0.35	4.475	0.294	0.000	1.75	5.56
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	2.56	3.07	4.625	0.292	0.000	15.60	306.63
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	2.82	3.39	4.625	0.292	0.000	17.23	86.46
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	2.82	3.39	4.625	0.292	0.000	17.23	86.46
40.00	(0) Angle brackets	Yes	4.33	1.200	2.00	2.56	3.08	4.625	0.292	0.000	15.64	34.38
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	4.625	0.292	0.000	0.00	170.51
40.00	(1) RG6	Yes	4.33	1.200	0.28	1.94	2.33	4.625	0.292	0.000	11.85	36.92
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.97	3.57	4.783	0.290	0.000	18.78	357.56
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.28	3.94	4.783	0.290	0.000	20.72	101.35
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.28	3.94	4.783	0.290	0.000	20.72	101.35
45.00	(0) Angle brackets	Yes	5.00	1.200	2.00	2.98	3.58	4.783	0.290	0.000	18.83	40.62
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.783	0.290	0.000	0.00	199.09
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.00	3.60	4.929	0.298	0.000	19.50	360.95
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.31	3.97	4.929	0.298	0.000	21.50	102.79
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.31	3.97	4.929	0.298	0.000	21.50	102.79
50.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.01	3.61	4.929	0.298	0.000	19.55	41.49
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	4.929	0.298	0.000	0.00	201.22
55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.02	3.62	5.065	0.306	0.000	20.17	364.06
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.33	3.99	5.065	0.306	0.000	22.24	104.12
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.33	3.99	5.065	0.306	0.000	22.24	104.12
55.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.03	3.63	5.065	0.306	0.000	20.23	42.29
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.065	0.306	0.000	0.00	203.17
60.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.04	3.64	5.193	0.314	0.000	20.81	366.92
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.35	4.01	5.193	0.314	0.000	22.93	105.35
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.35	4.01	5.193	0.314	0.000	22.93	105.35
60.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.05	3.65	5.193	0.314	0.000	20.87	43.03
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.193	0.314	0.000	0.00	204.98
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.05	3.67	5.313	0.323	0.000	21.42	369.59
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.36	4.04	5.313	0.323	0.000	23.58	106.50
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.36	4.04	5.313	0.323	0.000	23.58	106.50
65.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.06	3.68	5.313	0.323	0.000	21.48	43.72
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.313	0.323	0.000	0.00	206.66
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.07	3.69	5.426	0.332	0.000	22.00	372.08
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.38	4.06	5.426	0.332	0.000	24.21	107.57
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.38	4.06	5.426	0.332	0.000	24.21	107.57
70.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.08	3.70	5.426	0.332	0.000	22.06	44.38
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.426	0.332	0.000	0.00	208.23
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	5.426	0.337	0.000	0.00	0.02
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	5.426	0.337	0.000	0.00	0.01
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	5.426	0.337	0.000	0.00	0.01
70.00	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	5.426	0.337	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	5.426	0.337	0.000	0.00	0.01
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	2.16	2.59	5.502	0.340	0.000	15.67	261.61
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	2.37	2.85	5.502	0.340	0.000	17.24	75.80
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	2.37	2.85	5.502	0.340	0.000	17.24	75.80
73.50	(0) Angle brackets	Yes	3.50	1.200	2.00	2.16	2.60	5.502	0.340	0.000	15.71	31.37
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	5.502	0.340	0.000	0.00	146.49
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.93	1.11	5.534	0.339	0.000	6.76	112.30
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	1.02	1.22	5.534	0.339	0.000	7.44	32.57
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	1.02	1.22	5.534	0.339	0.000	7.44	32.57
75.00	(0) Angle brackets	Yes	1.50	1.200	2.00	0.93	1.11	5.534	0.339	0.000	6.78	13.49
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.534	0.339	0.000	0.00	62.90
80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.10	3.72	5.637	0.345	0.000	23.08	376.63
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.41	4.09	5.637	0.345	0.000	25.37	109.54
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.41	4.09	5.637	0.345	0.000	25.37	109.54

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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 50.00 mph with 1.25 in Radial Ice

26 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

80.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.11	3.73	5.637	0.345	0.000	23.14	45.58
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.637	0.345	0.000	0.00	211.10
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.12	3.74	5.736	0.356	0.000	23.59	378.72
85.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.42	4.11	5.736	0.356	0.000	25.92	110.44
85.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.42	4.11	5.736	0.356	0.000	25.92	110.44
85.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.12	3.75	5.736	0.356	0.000	23.65	46.13
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.736	0.356	0.000	0.00	212.43
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.13	3.75	5.830	0.367	0.000	24.07	380.71
90.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.44	4.12	5.830	0.367	0.000	26.45	111.31
90.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.44	4.12	5.830	0.367	0.000	26.45	111.31
90.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.14	3.76	5.830	0.367	0.000	24.14	46.66
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.830	0.367	0.000	0.00	213.68
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.14	3.77	5.921	0.379	0.000	24.55	382.60
95.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.45	4.14	5.921	0.379	0.000	26.96	112.13
95.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.45	4.14	5.921	0.379	0.000	26.96	112.13
95.00	(0) Angle brackets	Yes	5.00	1.200	2.00	3.15	3.78	5.921	0.379	0.000	24.61	47.17
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.921	0.379	0.000	0.00	214.88
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.15	3.78	6.008	0.392	0.000	25.00	384.40
100.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.46	4.15	6.008	0.392	0.000	27.45	112.92
100.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.46	4.15	6.008	0.392	0.000	27.45	112.92
100.0	(0) Angle brackets	Yes	5.00	1.200	2.00	3.16	3.79	6.008	0.392	0.000	25.07	47.66
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.008	0.392	0.000	0.00	216.03
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.16	3.80	6.093	0.405	0.000	25.45	386.13
105.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.47	4.17	6.093	0.405	0.000	27.93	113.68
105.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.47	4.17	6.093	0.405	0.000	27.93	113.68
105.0	(0) Angle brackets	Yes	5.00	1.200	2.00	3.17	3.81	6.093	0.405	0.000	25.51	48.12
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.093	0.405	0.000	0.00	217.13
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.17	3.81	6.174	0.420	0.000	25.88	387.79
110.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.48	4.18	6.174	0.420	0.000	28.39	114.40
110.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.48	4.18	6.174	0.420	0.000	28.39	114.40
110.0	(0) Angle brackets	Yes	5.00	1.200	2.00	3.18	3.82	6.174	0.420	0.000	25.94	48.57
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.174	0.420	0.000	0.00	218.18
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	6.174	0.518	0.000	0.00	0.03
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	6.174	0.518	0.000	0.00	0.03
110.0	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	6.174	0.518	0.000	0.00	0.01
110.0	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	6.174	0.518	0.000	0.00	0.01
110.0	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	6.174	0.518	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	6.174	0.518	0.000	0.00	0.01
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.19	3.82	6.253	0.527	0.000	26.29	389.36
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.19	3.82	6.253	0.527	0.000	26.29	389.36
115.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.49	4.19	6.253	0.527	0.000	28.84	115.10
115.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.49	4.19	6.253	0.527	0.000	28.84	115.10
115.0	(0) Angle brackets	Yes	5.00	1.200	2.00	3.19	3.83	6.253	0.527	0.000	26.36	49.00
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.253	0.527	0.000	0.00	219.18
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.20	3.83	6.330	0.548	0.000	26.70	390.92
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.20	3.83	6.330	0.548	0.000	26.70	390.92
120.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.50	4.20	6.330	0.548	0.000	29.27	115.78
120.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	3.50	4.20	6.330	0.548	0.000	29.27	115.78
120.0	(0) Angle brackets	Yes	5.00	1.200	2.00	3.20	3.84	6.330	0.548	0.000	26.77	49.43
120.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.330	0.548	0.000	0.00	220.17
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.64	0.77	6.345	0.561	0.000	5.36	78.24
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.64	0.77	6.345	0.561	0.000	5.36	78.24
121.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.70	0.84	6.345	0.561	0.000	5.87	23.18
121.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.70	0.84	6.345	0.561	0.000	5.87	23.18
121.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.64	0.77	6.345	0.561	0.000	5.37	9.90
121.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.561	0.000	0.00	44.07
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.64	0.77	6.360	0.566	0.000	5.37	78.30

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

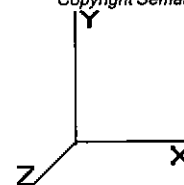
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.25 in Radial Ice

26 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

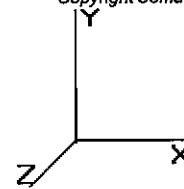
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.64	0.77	6.360	0.566	0.000	5.37	78.30
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.70	0.84	6.360	0.566	0.000	5.89	23.21
122.0	(2) #20 Dvwidag bars	Yes	1.00	1.200	2.72	0.70	0.84	6.360	0.566	0.000	5.89	23.21
122.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.64	0.77	6.360	0.566	0.000	5.39	9.92
122.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.566	0.000	0.00	44.11
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	1.92	2.31	6.404	0.575	0.000	16.26	235.44
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	1.92	2.31	6.404	0.575	0.000	16.26	235.44
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	2.11	2.53	6.404	0.575	0.000	17.82	69.86
125.0	(2) #20 Dvwidag bars	Yes	3.00	1.200	2.72	2.11	2.53	6.404	0.575	0.000	17.82	69.86
125.0	(0) Angle brackets	Yes	3.00	1.200	2.00	1.93	2.31	6.404	0.575	0.000	16.30	29.90
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.21	3.86	6.476	0.206	0.000	27.48	393.83
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	3.21	3.86	6.476	0.206	0.000	27.48	393.83
132.0	(12) 1 5/8" Coax	Yes	2.00	0.000	1.98	1.29	0.00	6.504	0.106	1.019	0.00	157.76
135.0	(12) 1 5/8" Coax	Yes	3.00	0.000	1.98	1.93	0.00	6.546	0.109	1.026	0.00	237.13
140.0	(12) 1 5/8" Coax	Yes	5.00	0.000	1.98	3.23	0.00	6.615	0.113	1.038	0.00	396.55
Totals:											2,436.10	23,283.13

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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 50.00 mph with 1.25 in Radial Ice

26 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

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
5.00	170.49	2,541.83	0.00	0.00
10.00	172.76	2,600.87	0.00	0.00
15.00	173.44	2,625.68	0.00	0.00
20.00	173.44	2,635.44	0.00	0.00
25.00	173.05	2,636.52	0.00	0.00
30.00	172.55	2,631.90	0.00	0.00
31.50	52.23	787.05	0.00	0.00
35.00	126.51	2,308.25	0.00	0.00
35.67	24.15	438.12	0.00	0.00
40.00	300.88	2,788.21	0.00	0.00
45.00	177.98	2,453.55	0.00	0.00
50.00	181.96	2,439.85	0.00	0.00
55.00	185.42	2,424.60	0.00	0.00
60.00	188.42	2,408.03	0.00	0.00
65.00	191.04	2,390.35	0.00	0.00
70.00	193.30	2,371.68	0.00	0.00
70.00	0.01	0.16	0.00	0.00
73.50	137.12	1,965.89	0.00	0.00
75.00	58.77	677.10	0.00	0.00
80.00	198.51	2,245.01	0.00	0.00
85.00	199.95	2,227.33	0.00	0.00
90.00	201.14	2,209.03	0.00	0.00
95.00	202.12	2,190.18	0.00	0.00
100.0	202.90	2,170.82	0.00	0.00
105.0	203.48	2,151.00	0.00	0.00
110.0	203.90	2,130.75	0.00	0.00
110.0	0.02	0.16	0.00	0.00
115.0	230.42	2,356.32	0.00	0.00
120.0	230.94	2,340.22	0.00	0.00
121.0	45.98	466.61	0.00	0.00
122.0	223.54	1,891.84	0.00	0.00
125.0	138.43	1,059.91	0.00	0.00
130.0	143.70	1,466.18	0.00	0.00
132.0	725.06	6,182.56	0.00	0.00
135.0	51.77	629.51	0.00	0.00
140.0	478.36	4,539.56	0.00	0.00
145.0	82.84	610.22	0.00	0.00
150.0	979.06	7,031.31	0.00	3,196.21
Totals:	7,595.64	83,023.59	0.00	3,196.21

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

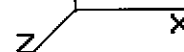
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.25 in Radial Ice

26 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-83.02	-7.66	0.00	-819.10	0.00	819.10	2,613.99	1,306.99	3,984.35	1,967.72	0.00	0.00	0.281
5.00	-80.46	-7.62	0.00	-780.80	0.00	780.80	2,558.64	1,279.32	3,816.59	1,884.87	0.05	-0.09	0.276
10.00	-77.85	-7.56	0.00	-742.71	0.00	742.71	2,503.30	1,251.65	3,652.43	1,803.80	0.19	-0.18	0.271
15.00	-75.21	-7.50	0.00	-704.91	0.00	704.91	2,447.95	1,223.98	3,491.89	1,724.51	0.43	-0.27	0.266
20.00	-72.57	-7.42	0.00	-667.42	0.00	667.42	2,392.60	1,196.30	3,334.95	1,647.01	0.76	-0.36	0.261
25.00	-69.92	-7.34	0.00	-630.30	0.00	630.30	2,337.26	1,168.63	3,181.62	1,571.28	1.19	-0.46	0.255
30.00	-67.28	-7.22	0.00	-593.58	0.00	593.58	2,281.91	1,140.96	3,031.90	1,497.34	1.72	-0.55	0.248
31.50	-66.49	-7.21	0.00	-582.75	0.00	582.75	2,265.31	1,132.65	2,987.68	1,475.50	1.90	-0.57	0.246
35.00	-64.18	-7.10	0.00	-557.51	0.00	557.51	2,226.57	1,113.28	2,885.79	1,425.19	2.34	-0.64	0.239
35.67	-63.74	-7.12	0.00	-552.77	0.00	552.77	1,889.79	944.90	2,499.95	1,234.63	2.43	-0.65	0.259
40.00	-60.94	-6.88	0.00	-521.90	0.00	521.90	1,849.82	924.91	2,394.82	1,182.71	3.06	-0.73	0.251
45.00	-58.48	-6.77	0.00	-487.49	0.00	487.49	1,803.70	901.85	2,276.32	1,124.19	3.87	-0.82	0.243
50.00	-56.03	-6.64	0.00	-453.66	0.00	453.66	1,757.58	878.79	2,160.82	1,067.15	4.78	-0.92	0.234
55.00	-53.60	-6.50	0.00	-420.47	0.00	420.47	1,711.46	855.73	2,048.33	1,011.59	5.79	-1.01	0.225
60.00	-51.19	-6.35	0.00	-387.98	0.00	387.98	1,665.34	832.67	1,938.85	957.53	6.90	-1.10	0.216
65.00	-48.79	-6.18	0.00	-356.26	0.00	356.26	1,619.22	809.61	1,832.38	904.94	8.10	-1.19	0.206
70.00	-46.42	-5.97	0.00	-325.36	0.00	325.36	1,573.10	786.55	1,728.91	853.84	9.38	-1.27	0.195
70.00	-46.42	-6.00	0.00	-325.35	0.00	325.35	1,573.09	786.55	1,728.90	853.84	9.39	-1.27	0.195
73.50	-44.45	-5.85	0.00	-304.37	0.00	304.37	1,259.14	629.57	1,387.79	685.38	10.34	-1.33	0.202
75.00	-43.77	-5.82	0.00	-295.60	0.00	295.60	1,248.07	624.03	1,363.39	673.33	10.76	-1.36	0.198
80.00	-41.52	-5.62	0.00	-266.53	0.00	266.53	1,211.17	605.59	1,283.60	633.92	12.23	-1.44	0.186
85.00	-39.29	-5.42	0.00	-238.42	0.00	238.42	1,174.27	587.14	1,206.22	595.71	13.79	-1.53	0.173
90.00	-37.08	-5.21	0.00	-211.32	0.00	211.32	1,137.38	568.69	1,131.25	558.68	15.43	-1.60	0.159
95.00	-34.89	-4.99	0.00	-185.28	0.00	185.28	1,100.48	550.24	1,058.68	522.84	17.15	-1.68	0.146
100.00	-32.72	-4.76	0.00	-160.35	0.00	160.35	1,063.58	531.79	988.52	488.19	18.95	-1.75	0.132
105.00	-30.58	-4.52	0.00	-136.57	0.00	136.57	1,026.69	513.34	920.76	454.73	20.81	-1.81	0.117
110.00	-28.45	-4.26	0.00	-113.98	0.00	113.98	989.79	494.89	855.40	422.45	22.74	-1.87	0.103
110.00	-28.45	-4.27	0.00	-113.98	0.00	113.98	989.79	494.89	855.40	422.45	22.74	-1.87	0.103
110.00	-28.45	-4.27	0.00	-113.98	0.00	113.98	989.79	494.89	855.40	422.45	22.74	-1.87	0.112
115.00	-26.10	-3.99	0.00	-92.62	0.00	92.62	716.88	358.44	599.87	296.25	24.73	-1.92	0.096
120.00	-23.76	-3.69	0.00	-72.68	0.00	72.68	689.20	344.60	554.25	273.72	26.76	-1.97	0.080
121.00	-23.30	-3.63	0.00	-68.99	0.00	68.99	689.20	344.60	554.25	273.72	27.18	-1.98	0.076
121.00	-23.30	-3.63	0.00	-68.99	0.00	68.99	689.20	344.60	554.25	273.72	27.18	-1.98	0.290
122.00	-21.41	-3.36	0.00	-65.36	0.00	65.36	678.14	339.07	536.50	264.96	27.59	-1.98	0.278
125.00	-20.35	-3.23	0.00	-55.28	0.00	55.28	661.53	330.77	510.43	252.08	28.87	-2.08	0.250
130.00	-18.89	-3.06	0.00	-39.15	0.00	39.15	633.86	316.93	468.41	231.33	31.12	-2.21	0.199
132.00	-12.74	-2.10	0.00	-33.03	0.00	33.03	622.79	311.39	452.11	223.28	32.06	-2.26	0.168
135.00	-12.11	-2.04	0.00	-26.73	0.00	26.73	606.19	303.09	428.21	211.47	33.49	-2.32	0.146
140.00	-7.59	-1.38	0.00	-16.52	0.00	16.52	578.51	289.26	389.80	192.51	35.97	-2.40	0.099
145.00	-6.98	-1.28	0.00	-9.60	0.00	9.60	550.84	275.42	353.20	174.43	38.51	-2.45	0.068
150.00	0.00	-0.98	0.00	-3.20	0.00	3.20	523.17	261.58	318.40	157.25	41.09	-2.48	0.020

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
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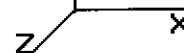
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C	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	161.88	1.000	0.00	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.70	6.129	6.742	158.49	1.200 *	0.00	5.00	15.955	19.15	129.1	0.0	1,086.2
10.00		1.00	0.70	6.129	6.742	155.10	1.200 *	0.00	5.00	15.617	18.74	126.3	0.0	1,070.1
15.00		1.00	0.70	6.129	6.742	151.70	1.200 *	0.00	5.00	15.279	18.34	123.6	0.0	1,054.0
20.00		1.00	0.70	6.129	6.742	148.31	1.200 *	0.00	5.00	14.942	17.93	120.9	0.0	1,037.9
25.00		1.00	0.70	6.129	6.742	144.92	1.200 *	0.00	5.00	14.604	17.52	118.1	0.0	1,021.8
30.00		1.00	0.70	6.134	6.747	141.58	1.200 *	0.00	5.00	14.266	17.12	115.5	0.0	1,005.7
31.50	Bot - Section 2	1.00	0.71	6.220	6.842	141.55	1.200 *	0.00	1.50	4.215	5.06	34.6	0.0	298.6
35.00		1.00	0.73	6.410	7.051	141.27	1.200 *	0.00	3.50	9.902	11.88	83.8	0.0	1,080.2
35.67	Top - Section 1	1.00	0.73	6.445	7.089	141.18	1.200 *	0.00	0.67	1.868	2.24	15.9	0.0	204.2
40.00	Appertunance(s)	1.00	0.76	6.659	7.325	143.27	1.200 *	0.00	4.33	11.991	14.39	105.4	0.0	760.7
45.00		1.00	0.78	6.887	7.576	142.11	1.200 *	0.00	5.00	13.521	16.23	122.9	0.0	865.3
50.00		1.00	0.81	7.098	7.807	140.61	1.200 *	0.00	5.00	13.183	15.82	123.5	0.0	851.9
55.00		1.00	0.83	7.294	8.023	138.83	1.200 *	0.00	5.00	12.845	15.41	123.7	0.0	838.5
60.00		1.00	0.85	7.477	8.225	136.82	1.200 *	0.00	5.00	12.507	15.01	123.4	0.0	825.0
65.00		1.00	0.87	7.650	8.415	134.61	1.200 *	0.00	5.00	12.169	14.60	122.9	0.0	811.6
70.00		1.00	0.89	7.814	8.595	132.21	1.200 *	0.00	5.00	11.831	14.20	122.0	0.0	798.2
70.00	Bot - Section 3	1.00	0.89	7.814	8.595	132.21	1.200 *	0.00	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	0.90	7.924	8.716	130.43	1.200 *	0.00	3.50	8.232	9.88	86.1	0.0	809.7
75.00		1.00	0.91	7.969	8.766	132.12	1.200 *	0.00	1.50	3.476	4.17	36.6	0.0	209.5
80.00		1.00	0.92	8.118	8.930	129.43	1.200 *	0.00	5.00	11.371	13.65	121.8	0.0	691.6
85.00		1.00	0.94	8.260	9.086	126.62	1.200 *	0.00	5.00	11.033	13.24	120.3	0.0	680.9
90.00		1.00	0.95	8.396	9.235	123.69	1.200 *	0.00	5.00	10.695	12.83	118.5	0.0	670.2
95.00		1.00	0.97	8.526	9.379	120.64	1.200 *	0.00	5.00	10.357	12.43	116.6	0.0	659.4
100.0		1.00	0.98	8.652	9.517	117.50	1.200 *	0.00	5.00	10.019	12.02	114.4	0.0	648.7
105.0		1.00	1.00	8.774	9.651	114.26	1.200 *	0.00	5.00	9.681	11.62	112.1	0.0	638.0
110.0		1.00	1.01	8.891	9.780	110.94	1.200 *	0.00	5.00	9.343	11.21	109.7	0.0	627.2
110.0	Top - Section 3	1.00	1.01	8.891	9.780	110.94	1.200 *	0.00	0.00	0.001	0.00	0.0	0.0	0.0
115.0		1.00	1.02	9.005	9.905	107.53	1.200 *	0.00	5.00	9.005	10.81	107.0	0.0	546.5
120.0		1.00	1.04	9.115	10.02	104.05	1.200 *	0.00	5.00	8.667	10.40	104.3	0.0	538.5
121.0	Reinf. Top	1.00	1.04	9.136	10.05	103.34	1.200 *	0.00	1.00	1.693	2.03	20.4	0.0	106.7
122.0	Appertunance(s)	1.00	1.04	9.158	10.07	102.64	1.200 *	0.00	1.00	1.679	2.02	20.3	0.0	39.6
125.0		1.00	1.05	9.222	10.14	100.49	1.200 *	0.00	3.00	4.957	5.95	60.3	0.0	116.9
130.0		1.00	1.06	9.326	10.25	96.878	1.200 *	0.00	5.00	7.991	9.59	98.4	0.0	188.4
132.0	Appertunance(s)	1.00	1.07	9.366	10.30	95.412	1.000 *	0.00	2.00	3.102	3.10	32.0	0.0	73.1
135.0		1.00	1.07	9.427	10.36	93.194	1.000 *	0.00	3.00	4.551	4.55	47.2	0.0	107.2
140.0	Appertunance(s)	1.00	1.08	9.525	10.47	89.449	1.000 *	0.00	5.00	7.315	7.32	76.6	0.0	172.3
145.0		1.00	1.09	9.621	10.58	85.647	1.000 *	0.00	5.00	6.977	6.98	73.8	0.0	164.2
150.0	Appertunance(s)	1.00	1.11	9.715	10.68	81.790	1.000 *	0.00	5.00	6.639	6.64	71.0	0.0	156.2
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00		3,359.2	0.0	21,454.9

Pole : 302489
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 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
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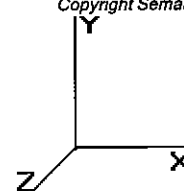
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

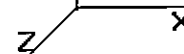
Discrete Appurtenance Segment Forces (Factored)

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)
40.00	Channel Master 1.2 M	1	6.659	7.325	1.00	1.00	20.91	0.000	0.000	153.17	0.00	0.00	188.00
122.0	Flush Mounts	1	9.158	10.074	1.00	1.00	3.50	0.000	0.000	35.26	0.00	0.00	200.00
122.0	RFS APXV18-206517S-	3	9.158	10.074	0.73	1.00	11.32	0.000	0.000	114.06	0.00	0.00	79.20
132.0	Round T-Arm	3	9.366	10.303	0.56	0.75	16.37	0.000	0.000	168.65	0.00	0.00	750.00
132.0	Antel LPA-185080/12C	6	9.366	10.303	0.80	0.80	20.64	0.000	0.000	212.66	0.00	0.00	243.00
132.0	Antel LPA-80080/6CF	6	9.366	10.303	0.80	0.80	35.23	0.000	0.000	363.00	0.00	0.00	144.00
140.0	EMS RR90-17-02D	6	9.525	10.478	0.54	0.80	14.01	0.000	0.000	146.78	0.00	0.00	93.00
140.0	Low Profile Platform	1	9.525	10.478	1.00	1.00	16.00	0.000	0.000	167.64	0.00	0.00	1,200.00
150.0	TTA	6	9.715	10.686	0.56	0.75	5.06	0.000	0.000	54.10	0.00	0.00	60.00
150.0	Powerwave LGP	6	9.788	10.767	0.61	0.75	1.24	0.000	4.000	13.34	0.00	53.37	30.00
150.0	Powerwave 7770-2	6	9.788	10.767	0.54	0.75	19.25	0.000	4.000	207.25	0.00	829.01	210.00
150.0	Decibel DB809-Y	1	9.891	10.880	0.75	0.75	4.37	0.000	9.710	47.57	0.00	461.91	24.00
150.0	Platform w/ Handrail	1	9.770	10.747	1.00	1.00	35.00	0.000	3.000	376.14	0.00	1,128.43	1,800.00
										2,059.62			5,021.20

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
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Base Elev : 0.000 (ft)

Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 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)

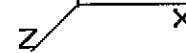
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
5.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.129	0.253	0.000	6.67	49.19
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.253	0.000	9.17	0.00
5.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.253	0.000	9.17	0.00
5.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.129	0.253	0.000	6.74	0.00
5.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.253	0.000	0.00	24.60
5.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	6.129	0.253	0.000	0.94	0.14
10.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.129	0.259	0.000	6.67	49.19
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.259	0.000	9.17	0.00
10.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.259	0.000	9.17	0.00
10.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.129	0.259	0.000	6.74	0.00
10.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.259	0.000	0.00	24.60
10.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	6.129	0.259	0.000	0.94	0.14
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.129	0.265	0.000	6.67	49.19
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.265	0.000	9.17	0.00
15.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.265	0.000	9.17	0.00
15.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.129	0.265	0.000	6.74	0.00
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	24.60
15.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	6.129	0.265	0.000	0.94	0.14
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.129	0.270	0.000	6.67	49.19
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.270	0.000	9.17	0.00
20.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.270	0.000	9.17	0.00
20.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.129	0.270	0.000	6.74	0.00
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.270	0.000	0.00	24.60
20.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	6.129	0.270	0.000	0.94	0.14
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.129	0.277	0.000	6.67	49.19
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.277	0.000	9.17	0.00
25.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.129	0.277	0.000	9.17	0.00
25.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.129	0.277	0.000	6.74	0.00
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	24.60
25.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	6.129	0.277	0.000	0.94	0.14
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.134	0.283	0.000	6.68	49.19
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.134	0.283	0.000	9.18	0.00
30.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.134	0.283	0.000	9.18	0.00
30.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.134	0.283	0.000	6.75	0.00
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.134	0.283	0.000	0.00	24.60
30.00	(1) RG6	Yes	5.00	1.200	0.28	0.12	0.14	6.134	0.283	0.000	0.94	0.14
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	6.220	0.288	0.000	2.03	14.76
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	6.220	0.288	0.000	2.79	0.00
31.50	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	6.220	0.288	0.000	2.79	0.00
31.50	(0) Angle brackets	Yes	1.50	1.200	2.00	0.25	0.30	6.220	0.288	0.000	2.05	0.00
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.220	0.288	0.000	0.00	7.38
31.50	(1) RG6	Yes	1.50	1.200	0.28	0.04	0.04	6.220	0.288	0.000	0.29	0.04
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	6.410	0.291	0.000	4.89	34.43
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	6.410	0.291	0.000	6.71	0.00
35.00	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	6.410	0.291	0.000	6.71	0.00
35.00	(0) Angle brackets	Yes	3.50	1.200	2.00	0.58	0.70	6.410	0.291	0.000	4.94	0.00
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	6.410	0.291	0.000	0.00	17.22
35.00	(1) RG6	Yes	3.50	1.200	0.28	0.08	0.10	6.410	0.291	0.000	0.69	0.10
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	6.445	0.294	0.000	0.94	6.56
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.15	0.18	6.445	0.294	0.000	1.29	0.00
35.67	(2) #20 Dywidag bars	Yes	0.67	1.200	2.72	0.15	0.18	6.445	0.294	0.000	1.29	0.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 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

25 Iterations

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

Wind Importance Factor : 1.00

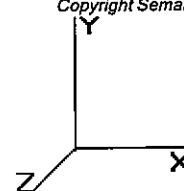
35.67	(0) Angle brackets	Yes	0.67	1.200	2.00	0.11	0.13	6.445	0.294	0.000	0.95	0.00
35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.445	0.294	0.000	0.00	3.28
35.67	(1) RG6	Yes	0.67	1.200	0.28	0.02	0.02	6.445	0.294	0.000	0.13	0.02
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	6.659	0.292	0.000	6.28	42.63
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	0.98	1.18	6.659	0.292	0.000	8.63	0.00
40.00	(2) #20 Dywidag bars	Yes	4.33	1.200	2.72	0.98	1.18	6.659	0.292	0.000	8.63	0.00
40.00	(0) Angle brackets	Yes	4.33	1.200	2.00	0.72	0.87	6.659	0.292	0.000	6.35	0.00
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	6.659	0.292	0.000	0.00	21.32
40.00	(1) RG6	Yes	4.33	1.200	0.28	0.10	0.12	6.659	0.292	0.000	0.89	0.13
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	6.887	0.290	0.000	7.50	49.19
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.887	0.290	0.000	10.30	0.00
45.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	6.887	0.290	0.000	10.30	0.00
45.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	6.887	0.290	0.000	7.58	0.00
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.887	0.290	0.000	0.00	24.60
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.098	0.298	0.000	7.73	49.19
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.098	0.298	0.000	10.62	0.00
50.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.098	0.298	0.000	10.62	0.00
50.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	7.098	0.298	0.000	7.81	0.00
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.098	0.298	0.000	0.00	24.60
55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.294	0.306	0.000	7.94	49.19
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.294	0.306	0.000	10.91	0.00
55.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.294	0.306	0.000	10.91	0.00
55.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	7.294	0.306	0.000	8.02	0.00
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.294	0.306	0.000	0.00	24.60
60.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.477	0.314	0.000	8.14	49.19
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.477	0.314	0.000	11.19	0.00
60.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.477	0.314	0.000	11.19	0.00
60.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	7.477	0.314	0.000	8.22	0.00
60.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.477	0.314	0.000	0.00	24.60
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.650	0.323	0.000	8.33	49.19
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.650	0.323	0.000	11.44	0.00
65.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.650	0.323	0.000	11.44	0.00
65.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	7.650	0.323	0.000	8.42	0.00
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.650	0.323	0.000	0.00	24.60
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.814	0.332	0.000	8.51	49.19
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.814	0.332	0.000	11.69	0.00
70.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	7.814	0.332	0.000	11.69	0.00
70.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	7.814	0.332	0.000	8.60	0.00
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.814	0.332	0.000	0.00	24.60
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	7.814	0.337	0.000	0.00	0.00
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	7.814	0.337	0.000	0.00	0.00
70.00	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	7.814	0.337	0.000	0.00	0.00
70.00	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	7.814	0.337	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.814	0.337	0.000	0.00	0.00
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	7.924	0.340	0.000	6.04	34.44
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	7.924	0.340	0.000	8.30	0.00
73.50	(2) #20 Dywidag bars	Yes	3.50	1.200	2.72	0.79	0.95	7.924	0.340	0.000	8.30	0.00
73.50	(0) Angle brackets	Yes	3.50	1.200	2.00	0.58	0.70	7.924	0.340	0.000	6.10	0.00
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	7.924	0.340	0.000	0.00	17.22
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	7.969	0.339	0.000	2.60	14.75
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	7.969	0.339	0.000	3.58	0.00
75.00	(2) #20 Dywidag bars	Yes	1.50	1.200	2.72	0.34	0.41	7.969	0.339	0.000	3.58	0.00
75.00	(0) Angle brackets	Yes	1.50	1.200	2.00	0.25	0.30	7.969	0.339	0.000	2.63	0.00
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.969	0.339	0.000	0.00	7.38
80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.118	0.345	0.000	8.84	49.19
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.118	0.345	0.000	12.14	0.00
80.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.118	0.345	0.000	12.14	0.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

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

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Base Elev : 0.000 (ft)



Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

80.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.118	0.345	0.000	8.93	0.00
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.118	0.345	0.000	0.00	24.60
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.260	0.356	0.000	8.99	49.19
85.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.260	0.356	0.000	12.36	0.00
85.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.260	0.356	0.000	12.36	0.00
85.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.260	0.356	0.000	9.09	0.00
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.260	0.356	0.000	0.00	24.60
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.396	0.367	0.000	9.14	49.19
90.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.396	0.367	0.000	12.56	0.00
90.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.396	0.367	0.000	12.56	0.00
90.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.396	0.367	0.000	9.24	0.00
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.396	0.367	0.000	0.00	24.60
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.526	0.379	0.000	9.29	49.19
95.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.526	0.379	0.000	12.76	0.00
95.00	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.526	0.379	0.000	12.76	0.00
95.00	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.526	0.379	0.000	9.38	0.00
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.526	0.379	0.000	0.00	24.60
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.652	0.392	0.000	9.42	49.19
100.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.652	0.392	0.000	12.94	0.00
100.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.652	0.392	0.000	12.94	0.00
100.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.652	0.392	0.000	9.52	0.00
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.652	0.392	0.000	0.00	24.60
105.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.774	0.405	0.000	9.55	49.19
105.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.774	0.405	0.000	13.13	0.00
105.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.774	0.405	0.000	13.13	0.00
105.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.774	0.405	0.000	9.65	0.00
105.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.774	0.405	0.000	0.00	24.60
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.891	0.420	0.000	9.68	49.19
110.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.891	0.420	0.000	13.30	0.00
110.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	8.891	0.420	0.000	13.30	0.00
110.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	8.891	0.420	0.000	9.78	0.00
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.891	0.420	0.000	0.00	24.60
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	8.891	0.518	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	8.891	0.518	0.000	0.00	0.00
110.0	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	8.891	0.518	0.000	0.00	0.00
110.0	(2) #20 Dywidag bars	Yes	0.00	1.200	2.72	0.00	0.00	8.891	0.518	0.000	0.00	0.00
110.0	(0) Angle brackets	Yes	0.00	1.200	2.00	0.00	0.00	8.891	0.518	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	8.891	0.518	0.000	0.00	0.00
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.005	0.527	0.000	9.81	49.19
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.005	0.527	0.000	9.81	49.19
115.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	9.005	0.527	0.000	13.47	0.00
115.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	9.005	0.527	0.000	13.47	0.00
115.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	9.005	0.527	0.000	9.90	0.00
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.005	0.527	0.000	0.00	24.60
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.115	0.548	0.000	9.93	49.19
120.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.115	0.548	0.000	9.93	49.19
120.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	9.115	0.548	0.000	13.64	0.00
120.0	(2) #20 Dywidag bars	Yes	5.00	1.200	2.72	1.13	1.36	9.115	0.548	0.000	13.64	0.00
120.0	(0) Angle brackets	Yes	5.00	1.200	2.00	0.83	1.00	9.115	0.548	0.000	10.03	0.00
120.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.115	0.548	0.000	0.00	24.60
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	9.136	0.561	0.000	1.99	9.84
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	9.136	0.561	0.000	1.99	9.84
121.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	9.136	0.561	0.000	2.73	0.00
121.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	9.136	0.561	0.000	2.73	0.00
121.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.17	0.20	9.136	0.561	0.000	2.01	0.00
121.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.561	0.000	0.00	4.92
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	9.158	0.566	0.000	1.99	9.84

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

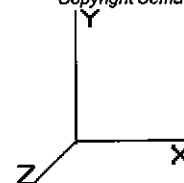
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	9.158	0.566	0.000	1.99	9.84
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	9.158	0.566	0.000	2.74	0.00
122.0	(2) #20 Dywidag bars	Yes	1.00	1.200	2.72	0.23	0.27	9.158	0.566	0.000	2.74	0.00
122.0	(0) Angle brackets	Yes	1.00	1.200	2.00	0.17	0.20	9.158	0.566	0.000	2.01	0.00
122.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.566	0.000	0.00	4.92
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	9.222	0.575	0.000	6.03	29.52
125.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	9.222	0.575	0.000	6.03	29.52
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	0.68	0.82	9.222	0.575	0.000	8.28	0.00
125.0	(2) #20 Dywidag bars	Yes	3.00	1.200	2.72	0.68	0.82	9.222	0.575	0.000	8.28	0.00
125.0	(0) Angle brackets	Yes	3.00	1.200	2.00	0.50	0.60	9.222	0.575	0.000	6.09	0.00
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.326	0.206	0.000	10.16	49.19
130.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.326	0.206	0.000	10.16	49.19
132.0	(12) 1 5/8" Coax	Yes	2.00	0.000	1.98	0.33	0.00	9.366	0.106	1.019	0.00	19.68
135.0	(12) 1 5/8" Coax	Yes	3.00	0.000	1.98	0.50	0.00	9.427	0.109	1.026	0.00	29.52
140.0	(12) 1 5/8" Coax	Yes	5.00	0.000	1.98	0.82	0.00	9.525	0.113	1.038	0.00	49.19
Totals:											1,036.12	2,175.53

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

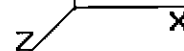
Code: ANSI/TIA-222 Rev G
 Struct Class : II
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 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
5.00	161.77	1,262.61	0.00	0.00
10.00	159.04	1,246.52	0.00	0.00
15.00	156.30	1,230.42	0.00	0.00
20.00	153.57	1,214.32	0.00	0.00
25.00	150.84	1,198.23	0.00	0.00
30.00	148.23	1,182.13	0.00	0.00
31.50	44.56	351.58	0.00	0.00
35.00	107.72	1,203.69	0.00	0.00
35.67	20.48	227.77	0.00	0.00
40.00	289.36	1,101.59	0.00	0.00
45.00	158.61	1,041.56	0.00	0.00
50.00	160.29	1,028.15	0.00	0.00
55.00	161.46	1,014.74	0.00	0.00
60.00	162.19	1,001.32	0.00	0.00
65.00	162.52	987.91	0.00	0.00
70.00	162.52	974.50	0.00	0.00
70.00	0.01	0.06	0.00	0.00
73.50	114.83	933.14	0.00	0.00
75.00	48.96	262.40	0.00	0.00
80.00	163.90	867.89	0.00	0.00
85.00	163.08	857.16	0.00	0.00
90.00	162.02	846.43	0.00	0.00
95.00	160.74	835.70	0.00	0.00
100.0	159.25	824.97	0.00	0.00
105.0	157.58	814.24	0.00	0.00
110.0	155.72	803.51	0.00	0.00
110.0	0.01	0.05	0.00	0.00
115.0	163.49	722.75	0.00	0.00
120.0	161.43	714.75	0.00	0.00
121.0	31.87	141.98	0.00	0.00
122.0	181.10	354.06	0.00	0.00
125.0	95.03	207.90	0.00	0.00
130.0	118.68	340.05	0.00	0.00
132.0	776.26	1,251.09	0.00	0.00
135.0	47.20	168.72	0.00	0.00
140.0	391.07	1,567.76	0.00	0.00
145.0	73.84	217.52	0.00	0.00
150.0	769.36	2,333.47	0.00	2,472.73
Totals:	6,454.90	31,332.67	0.00	2,472.73

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
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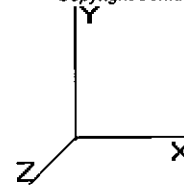
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

25 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	-31.33	-6.47	0.00	-617.77	0.00	617.77	2,613.99	1,306.99	3,984.35	1,967.72	0.00	0.00	0.203
5.00	-30.06	-6.35	0.00	-585.40	0.00	585.40	2,558.64	1,279.32	3,816.59	1,884.87	0.04	-0.07	0.199
10.00	-28.81	-6.22	0.00	-553.67	0.00	553.67	2,503.30	1,251.65	3,652.43	1,803.80	0.14	-0.14	0.194
15.00	-27.57	-6.09	0.00	-522.58	0.00	522.58	2,447.95	1,223.98	3,491.89	1,724.51	0.32	-0.20	0.190
20.00	-26.35	-5.96	0.00	-492.12	0.00	492.12	2,392.60	1,196.30	3,334.95	1,647.01	0.57	-0.27	0.185
25.00	-25.14	-5.84	0.00	-462.30	0.00	462.30	2,337.26	1,168.63	3,181.62	1,571.28	0.89	-0.34	0.179
30.00	-23.96	-5.70	0.00	-433.12	0.00	433.12	2,281.91	1,140.96	3,031.90	1,497.34	1.28	-0.41	0.174
31.50	-23.60	-5.67	0.00	-424.57	0.00	424.57	2,265.31	1,132.65	2,987.68	1,475.50	1.41	-0.43	0.172
35.00	-22.40	-5.56	0.00	-404.75	0.00	404.75	2,226.57	1,113.28	2,885.79	1,425.19	1.74	-0.47	0.166
35.67	-22.17	-5.55	0.00	-401.04	0.00	401.04	1,889.79	944.90	2,499.95	1,234.63	1.81	-0.48	0.180
40.00	-21.06	-5.27	0.00	-376.99	0.00	376.99	1,849.82	924.91	2,394.82	1,182.71	2.27	-0.54	0.174
45.00	-20.02	-5.13	0.00	-350.63	0.00	350.63	1,803.70	901.85	2,276.32	1,124.19	2.87	-0.61	0.167
50.00	-18.98	-4.98	0.00	-324.99	0.00	324.99	1,757.58	878.79	2,160.82	1,067.15	3.54	-0.67	0.161
55.00	-17.97	-4.82	0.00	-300.11	0.00	300.11	1,711.46	855.73	2,048.33	1,011.59	4.28	-0.74	0.154
60.00	-16.96	-4.67	0.00	-275.99	0.00	275.99	1,665.34	832.67	1,938.85	957.53	5.09	-0.80	0.146
65.00	-15.97	-4.51	0.00	-252.65	0.00	252.65	1,619.22	809.61	1,832.38	904.94	5.96	-0.87	0.139
70.00	-15.00	-4.34	0.00	-230.11	0.00	230.11	1,573.10	786.55	1,728.91	853.84	6.90	-0.93	0.131
70.00	-15.00	-4.34	0.00	-230.11	0.00	230.11	1,573.09	786.55	1,728.90	853.84	6.90	-0.93	0.131
73.50	-14.06	-4.22	0.00	-214.91	0.00	214.91	1,259.14	629.57	1,387.79	685.38	7.60	-0.97	0.136
75.00	-13.80	-4.18	0.00	-208.58	0.00	208.58	1,248.07	624.03	1,363.39	673.33	7.91	-0.99	0.133
80.00	-12.93	-4.01	0.00	-187.69	0.00	187.69	1,211.17	605.59	1,283.60	633.92	8.97	-1.05	0.124
85.00	-12.07	-3.84	0.00	-167.64	0.00	167.64	1,174.27	587.14	1,206.22	595.71	10.10	-1.11	0.115
90.00	-11.22	-3.68	0.00	-148.42	0.00	148.42	1,137.38	568.69	1,131.25	558.68	11.29	-1.16	0.106
95.00	-10.39	-3.51	0.00	-130.05	0.00	130.05	1,100.48	550.24	1,058.68	522.84	12.53	-1.21	0.096
100.00	-9.57	-3.34	0.00	-112.51	0.00	112.51	1,063.58	531.79	988.52	488.19	13.83	-1.26	0.086
105.00	-8.75	-3.17	0.00	-95.83	0.00	95.83	1,026.69	513.34	920.76	454.73	15.17	-1.30	0.077
110.00	-7.95	-3.00	0.00	-79.99	0.00	79.99	989.79	494.89	855.40	422.45	16.56	-1.35	0.067
110.00	-7.95	-3.00	0.00	-79.99	0.00	79.99	989.79	494.89	855.40	422.45	16.56	-1.35	0.067
110.00	-7.95	-3.00	0.00	-79.99	0.00	79.99	989.79	494.89	855.40	422.45	16.56	-1.35	0.073
115.00	-7.23	-2.82	0.00	-64.99	0.00	64.99	716.88	358.44	599.87	296.25	17.99	-1.38	0.061
120.00	-6.52	-2.65	0.00	-50.88	0.00	50.88	689.20	344.60	554.25	273.72	19.45	-1.41	0.050
121.00	-6.38	-2.61	0.00	-48.23	0.00	48.23	689.20	344.60	554.25	273.72	19.75	-1.42	0.048
121.00	-6.38	-2.61	0.00	-48.23	0.00	48.23	689.20	344.60	554.25	273.72	19.75	-1.42	0.188
122.00	-6.03	-2.43	0.00	-45.62	0.00	45.62	678.14	339.07	536.50	264.96	20.05	-1.43	0.181
125.00	-5.82	-2.33	0.00	-38.35	0.00	38.35	661.53	330.77	510.43	252.08	20.97	-1.49	0.161
130.00	-5.48	-2.21	0.00	-26.68	0.00	26.68	633.86	316.93	468.41	231.33	22.58	-1.58	0.124
132.00	-4.25	-1.40	0.00	-22.26	0.00	22.26	622.79	311.39	452.11	223.28	23.25	-1.61	0.107
135.00	-4.08	-1.35	0.00	-18.05	0.00	18.05	606.19	303.09	428.21	211.47	24.28	-1.66	0.092
140.00	-2.52	-0.92	0.00	-11.27	0.00	11.27	578.51	289.26	389.80	192.51	26.04	-1.71	0.063
145.00	-2.31	-0.84	0.00	-6.68	0.00	6.68	550.84	275.42	353.20	174.43	27.86	-1.75	0.042
150.00	0.00	-0.77	0.00	-2.47	0.00	2.47	523.17	261.58	318.40	157.25	29.70	-1.77	0.016

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Shape : 12 Sides
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Taper : 0.156700 (in/ft)

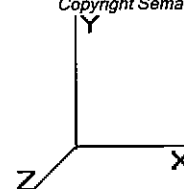
Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1

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	26.00	0.00	35.92	0.00	0.00	2495.03	0.00	0.80
0.9D + 1.6W	25.96	0.00	28.94	0.00	0.00	2464.61	0.00	0.79
1.2D + 1.0Di + 1.0Wi	7.66	0.00	83.02	0.00	0.00	819.10	0.00	0.28
1.0D + 1.0W	6.47	0.00	31.33	0.00	0.00	617.77	0.00	0.20

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)	phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
0.00	121. (4)	SOL-#20 All Thre	309.7	9.3	16.8	67.1	12.0	6	0	0.0	12.0	0	0	260.1	330.5	0.79