

STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

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

E-Mail: siting.council@ct.gov

www.ct.gov/csc

December 14, 2012

Melanie Howlett
HPC Wireless Services
46 Mill Plain Road, Floor 2
Danbury, CT 06811

RE: **EM-CING-023-121126** –New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 4 Hoffman Road, Canton, Connecticut.

Dear Ms. Howlett:

The Connecticut Siting Council (Council) hereby denies your request to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies, until such time that New Cingular Wireless, PCS, LLC provides a structural analysis indicating that modifications/reinforcements will be made to the tower, as necessary, to ensure that it does not exceed 100% of the applicable structural standard..

The proposed modification is not in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies.

Very truly yours,

Linda Roberts
Executive Director

LR/CDM/cm

c: The Honorable Richard J. Barlow, First Selectman, Town of Canton
Neil Pade, Town Planner, Town of Canton





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November 27, 2012

The Honorable Richard J. Barlow
First Selectman
Town of Canton
P. O. Box 168
Collinsville, CT 06022-0168

RE: **EM-CING-023-121126** –New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 4 Hoffman Road, Canton, Connecticut.

Dear First Selectman Barlow:

The Connecticut Siting Council (Council) received a request to modify an existing telecommunications facility, pursuant to Regulations of Connecticut State Agencies Section 16-50j-72. A copy of which has already been provided to you.

If you have any questions or comments regarding the proposal, please call me or inform the Council by December 11, 2012.

Thank you for your cooperation and consideration.

Very truly yours,

Linda Roberts
Executive Director

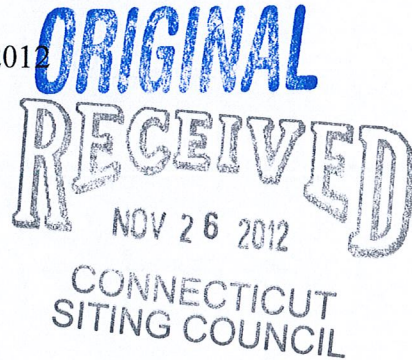
LR/cm

c: Neil Pade, Town Planner, Town of Canton



HPC Wireless Services
 46 Mill Plain Rd.
 Floor 2
 Danbury, CT, 06811
 P.: 203.797.1112

November 20, 2012



VIA OVERNIGHT COURIER

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

Re: New Cingular Wireless PCS, LLC – Exempt Modification
4 Hoffman Road (aka 309 East Hill Road), Canton

Dear Ms. Roberts:

This letter and attachments are submitted on behalf of New Cingular Wireless PCS, LLC (“AT&T”). AT&T is making modifications to certain existing sites in its Connecticut system in order to implement LTE technology. Please accept this letter and attachments as notification, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies (“R.C.S.A.”), of construction that constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and attachments is being sent to the First Selectman of the Town of Canton.

AT&T plans to modify the existing wireless communications facility owned by American Tower Corp. and located at 4 Hoffman Road (aka 309 East Hill Road), Canton (coordinates 41° - 51’-18” N, 72°-53’-34” W). Attached are a compound plan and elevation depicting the planned changes, and documentation of the structural sufficiency of the structure to accommodate the revised antenna configuration. Also included is a power density report reflecting the modification to AT&T’s operations at the site.

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

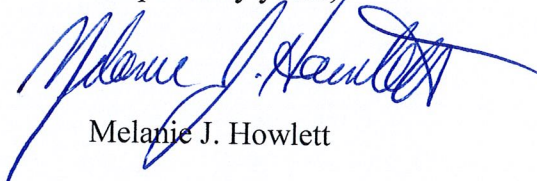
1. AT&T will add three (3) LTE panel antennas on new pipe mounts attached to the existing platform, and at the same centerline height of the existing GSM/UMTS antennas of approximately 150’. Six (6) RRHs (remote radio units) will be placed on new mounts, and a Surge Arrestor behind the LTE antennas on a new mounting pipe attached to the

platform support arm, also at a centerline height of approximately 150'. AT&T will also place DC power and fiber runs along the existing coaxial cable run. These changes will not extend the height of the approximately 150' structure.

2. AT&T will place related equipment in an existing Equipment Shelter and mount a new GPS antenna on the existing Equipment Shelter. These changes will be within the existing compound and will have no effect on the site boundaries.
3. The proposed changes will not increase the noise level at the existing facility by six (6) decibels or more. The incremental effect of the proposed changes will be negligible.
4. The changes to the facility will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site. As indicated on the attached report prepared by C Squared Systems, LLC, AT&T's operations at the site will result in a power density of approximately 1.54%; the combined site operations will result in a total power density of approximately 10.51%.

Please do not hesitate to contact me by phone at (203) 610-1071, or by e-mail at mjhowlett@optonline.net, if there are any questions concerning this matter. Thank you for your consideration.

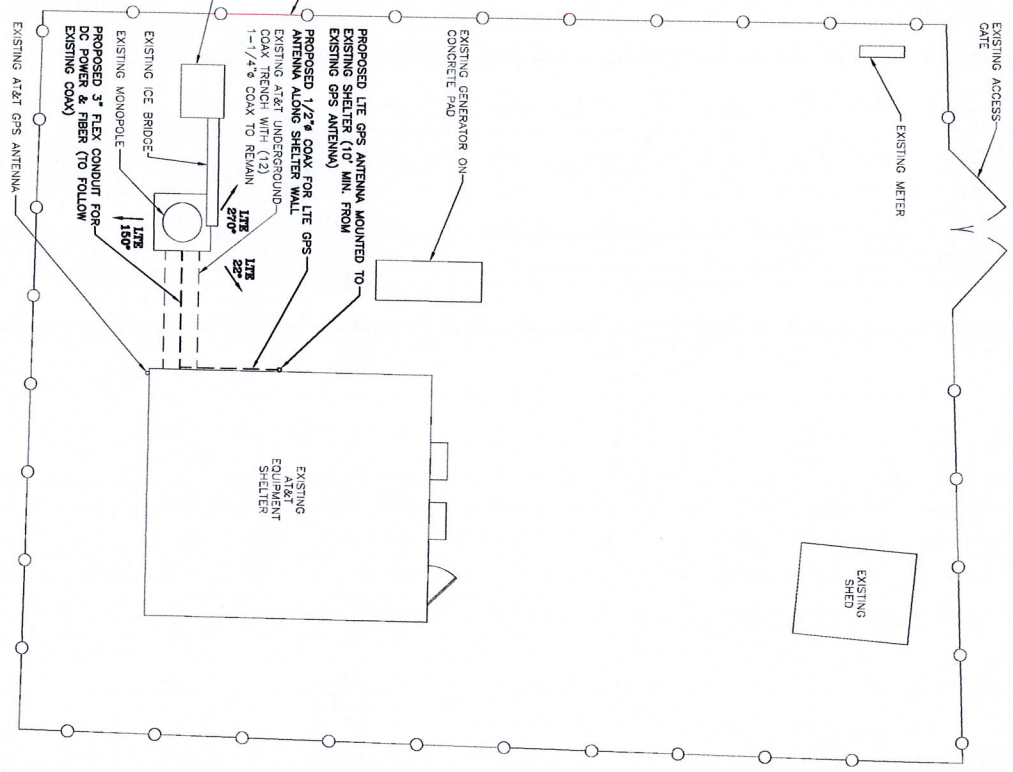
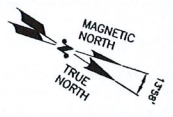
Respectfully yours,



Melanie J. Howlett

Attachments

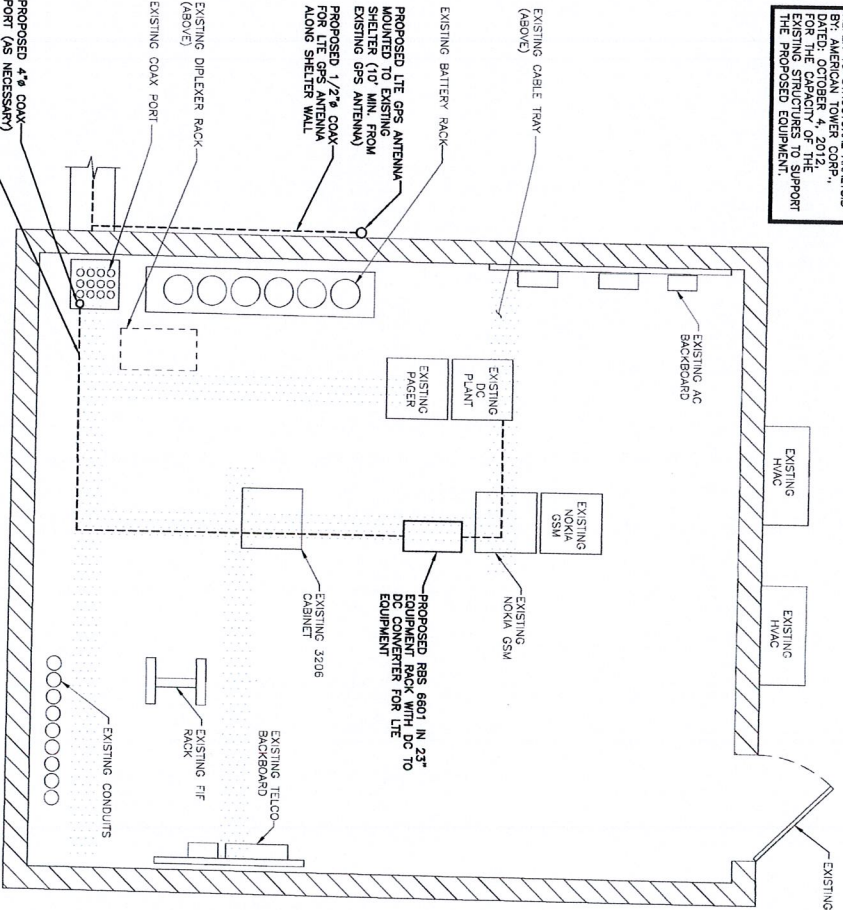
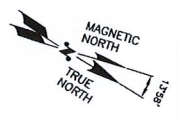
cc: Honorable Richard J. Barlow, First Selectman, Town of Canton
James H. and Catherine E. Hart (underlying property owners)



COMPOUND PLAN
SCALE: 3/16"=1'-0"

NOTE:
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

NOTE:
REFER TO STRUCTURAL ANALYSIS BY THE ANTENNA MANUFACTURER, DATED OCTOBER 4, 2011, FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT.



EQUIPMENT PLAN
SCALE: 1/2"=1'-0"

Hudson
Design Group
1400 GARDEN STREET
ROCKY HILL, CONNECTICUT 06067
TEL: 860.263.5222
WWW.HUDSONDESIGN.COM

NETLINK
A QUALCOMM COMPANY
800 MARSHALL PHELPS ROAD UNIT# 2A
MIDDLETOWN, CT 06095

SITE NUMBER: CT1020
SITE NAME: CANTON
4 HORTMAN ROAD
CANTON, CT 06019
HARTFORD COUNTY

at&t
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06067

NO.	DATE	REVISIONS	BY	CHK	APP
1	11/09/12	ISSUED FOR PERMITTING			
0	07/23/12	ISSUED FOR REVIEW			

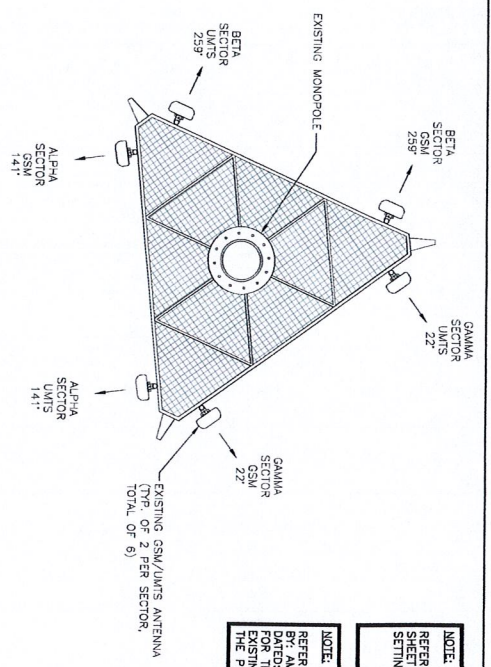
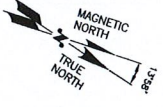
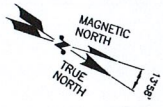
SCALE: AS SHOWN

DESIGNED BY: DC
DRAWN BY: CS

[Signatures]

AT&T
COMPOUND PLAN & EQUIPMENT PLAN
[LITE]
DRAWING NUMBER
A-1

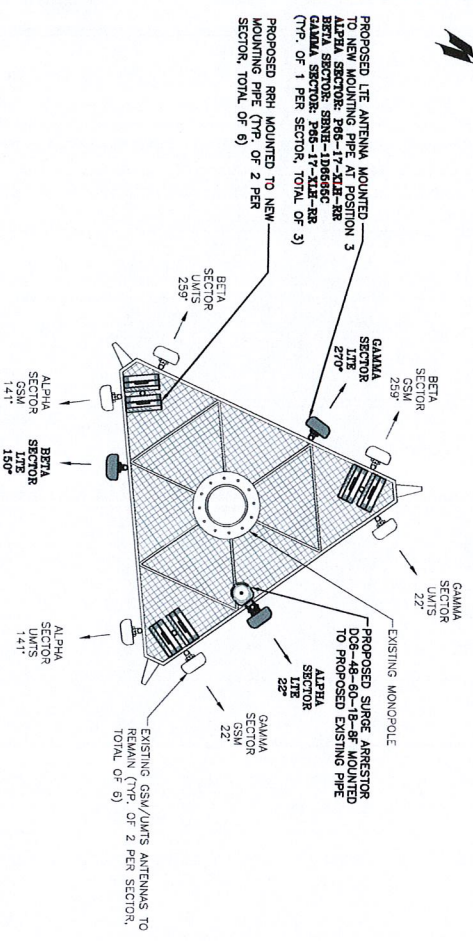
REV 1



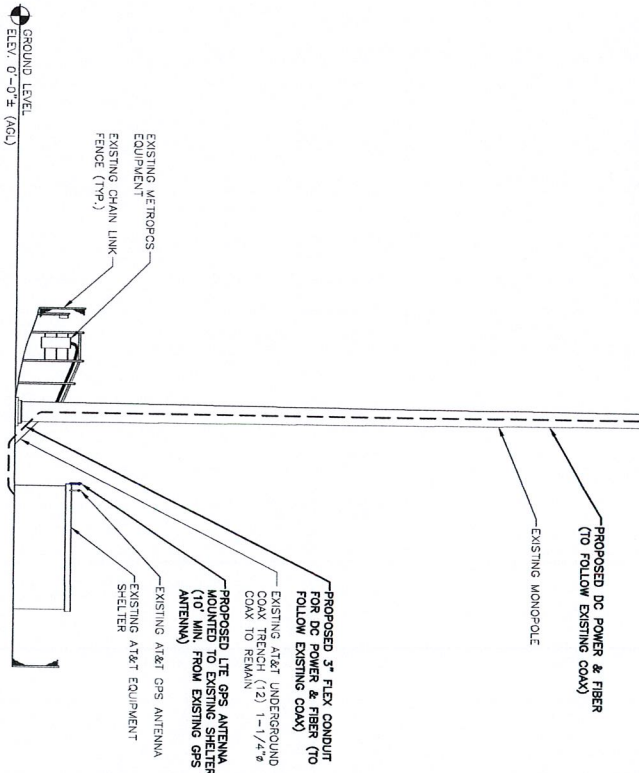
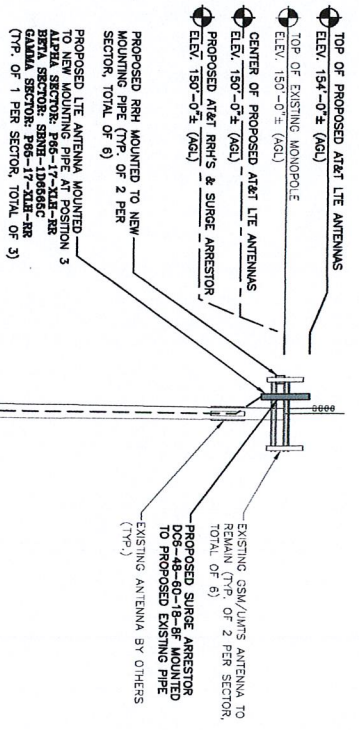
NOTE:
REFER TO THE FINAL RF DATA SHEET FOR FINAL ANTENNA SETTINGS.

NOTE:
REFER TO STRUCTURAL ANALYSIS BY AMERICAN TOWER CORP. FOR THE CAPACITY OF THE EXISTING STRUCTURES TO SUPPORT THE PROPOSED EQUIPMENT.

EXISTING GSM/UMTS ANTENNA PLAN
SCALE: N.T.S.



PROPOSED LTE ANTENNA PLAN
SCALE: N.T.S.



SOUTH ELEVATION
SCALE: 3/32" = 1'-0"

Hudson Design Group
1450 GARDNER STREET
WINDSOR, MA 01095
TEL: (978) 545-5533
FAX: (978) 545-5538

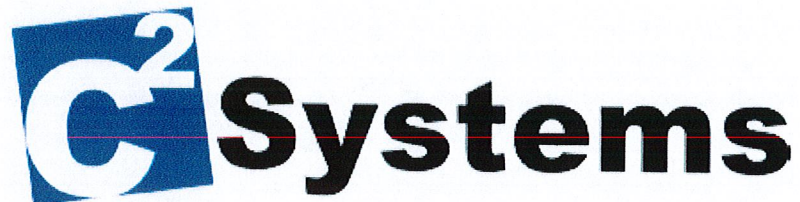
MEYLINK
A UNITEL GLOBAL SERVICES COMPANY
800 MARSHALL PHELPS ROAD
WINDSOR, CT 06095

SITE NUMBER: CT1020
SITE NAME: CANTON
4 HOFFMAN ROAD
CANTON, CT 06019
HARTFORD COUNTY

at&t
500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06057

NO.	DATE	ISSUED FOR REVIEW	REVISIONS	DESIGNED BY: DC	DRAWN BY: CS	DATE	JOB NUMBER	DRAWING NUMBER	REV
1	11/08/12	ISSUED FOR PERMITTING					1020.01	A-2	1
0	07/23/12	ISSUED FOR REVIEW							

AT&T
ANTENNA PLAN & ELEVATION
(LTE)



C Squared Systems, LLC
65 Dartmouth Drive, Unit A3
Auburn, NH 03032
(603) 644-2800
support@csquaredsystems.com

Calculated Radio Frequency Emissions



at&t

CT1020

(Canton)

4 Hoffman Road, Canton, CT 06019

October 16, 2012

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1. Introduction

The purpose of this report is to investigate compliance with applicable FCC regulations for the proposed modifications to the existing AT&T antenna arrays mounted on the monopole tower located on 4 Hoffman Road in Canton, CT. The coordinates of the tower are 41° 51' 19.1" N, 72° 53' 32.6" W.

AT&T is proposing the following modifications:

- 1) Install three multi-band (700/850/1900/2100 MHz) antennas for their LTE network (one per sector).

2. FCC Guidelines for Evaluating RF Radiation Exposure Limits

In 1985, the FCC established rules to regulate radio frequency (RF) exposure from FCC licensed antenna facilities. In 1996, the FCC updated these rules, which were further amended in August 1997 by OET Bulletin 65 Edition 97-01. These new rules include Maximum Permissible Exposure (MPE) limits for transmitters operating between 300 kHz and 100 GHz. The FCC MPE limits are based upon those recommended by the National Council on Radiation Protection and Measurements (NCRP), developed by the Institute of Electrical and Electronics Engineers, Inc., (IEEE) and adopted by the American National Standards Institute (ANSI).

The FCC general population/uncontrolled limits set the maximum exposure to which most people may be subjected. General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

Public exposure to radio frequencies is regulated and enforced in units of milliwatts per square centimeter (mW/cm^2). The general population exposure limits for the various frequency ranges are defined in the attached "FCC Limits for Maximum Permissible Exposure (MPE)" in Attachment B of this report.

Higher exposure limits are permitted under the occupational/controlled exposure category, but only for persons who are exposed as a consequence of their employment and who have been made fully aware of the potential for exposure, and they must be able to exercise control over their exposure. General population/uncontrolled limits are five times more stringent than the levels that are acceptable for occupational, or radio frequency trained individuals. Attachment B contains excerpts from OET Bulletin 65 and defines the Maximum Exposure Limit.

Finally, it should be noted that the MPE limits adopted by the FCC for both general population/uncontrolled exposure and for occupational/controlled exposure incorporate a substantial margin of safety and have been established to be well below levels generally accepted as having the potential to cause adverse health effects.

3. RF Exposure Prediction Methods

The emission field calculation results displayed in the following figures were generated using the following formula as outlined in FCC bulletin OET 65:

$$\text{Power Density} = \left(\frac{1.6^2 \times EIRP}{4\pi \times R^2} \right) \times \text{Off Beam Loss}$$

Where:

EIRP = Effective Isotropic Radiated Power

R = Radial Distance = $\sqrt{(H^2 + V^2)}$

H = Horizontal Distance from antenna in meters

V = Vertical Distance from radiation center of antenna in meters

Ground reflection factor of 1.6

Off Beam Loss is determined by the selected antenna pattern

These calculations assume that the antennas are operating at 100 percent capacity and power, and that all channels are transmitting simultaneously. Obstructions (trees, buildings, etc.) that would normally attenuate the signal are not taken into account. The calculations assume even terrain in the area of study and do not take into account actual terrain elevations which could attenuate the signal. As a result, the predicted signal levels reported below are much higher than the actual signal levels will be from the finished modifications.

4. Calculation Results

Table 1 below outlines the power density information for the site. Because the proposed AT&T antennas are directional in nature, the majority of the RF power is focused out towards the horizon. As a result, there will be less RF power directed below the antennas relative to the horizon, and consequently lower power density levels around the base of the tower.

Please refer to Attachment C for the vertical patterns of the proposed AT&T antennas. The calculated results for AT&T in Table 1 include a nominal 10 dB off-beam pattern loss to account for the lower relative gain below the antennas.

Carrier	Antenna Height (Feet)	Operating Frequency (MHz)	Number of Trans.	ERP Per Transmitter (Watts)	Power Density (mw/cm ²)	Limit	%MPE
<i>Cingular UMTS</i>	150	880	1	500	0.0080	0.5867	1.36%
<i>Cingular UMTS</i>	150	1900	1	500	0.0080	1.0000	0.80%
<i>Cingular GSM</i>	150	880	4	296	0.0189	0.5867	3.23%
<i>Cingular GSM</i>	150	1930	2	427	0.0136	1.0000	1.36%
T-Mobile GSM	134	1945	8	178	0.0285	1.0000	2.85%
T-Mobile UMTS	134	2100	2	711	0.0285	1.0000	2.85%
Pocket	144	2130	3	631	0.0328	1.0000	3.28%
AT&T UMTS	150	880	2	565	0.0018	0.5867	0.31%
AT&T UMTS	150	1900	2	875	0.0028	1.0000	0.28%
AT&T LTE	150	734	1	1615	0.0026	0.4893	0.53%
AT&T GSM	150	880	1	283	0.0005	0.5867	0.08%
AT&T GSM	150	1900	4	525	0.0034	1.0000	0.34%
						Total	10.51%

Table 1: Carrier Information^{1 2 3}

¹ The existing CSC filing for Cingular should be removed and replaced with the updated AT&T technologies and values provided in Table 1. The power density information for carriers other than AT&T was taken directly from the CSC database dated 7/26/2012. Please note that %MPE values listed are rounded to two decimal points. The total %MPE listed is a summation of each unrounded contribution. Therefore, summing each rounded value may not reflect the total value listed in the table.

² In the case where antenna models are not uniform across all 3 sectors for the same frequency band, the antenna model with the highest gain was used for the calculations to present a worse-case scenario.

³ Antenna height listed for AT&T is in reference to the American Tower Corporation Structural Analysis dated October 4, 2012.

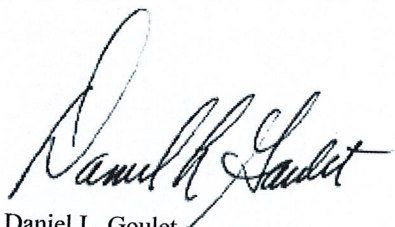
5. Conclusion

The above analysis verifies that emissions from the existing site will be below the maximum power density levels as outlined by the FCC in the OET Bulletin 65 Ed. 97-01. Even when using conservative methods, the cumulative power density from the proposed transmit antennas at the existing facility is well below the limits for the general public. The highest expected percent of Maximum Permissible Exposure at ground level is **10.51% of the FCC limit**.

As noted previously, obstructions (trees, buildings, etc.) that would normally attenuate the signal are not taken into account. As a result, the predicted signal levels are more conservative (higher) than the actual signal levels will be from the finished modifications.

6. Statement of Certification

I certify to the best of my knowledge that the statements in this report are true and accurate. The calculations follow guidelines set forth in ANSI/IEEE Std. C95.3, ANSI/IEEE Std. C95.1 and FCC OET Bulletin 65 Edition 97-01.

A handwritten signature in black ink, appearing to read 'Daniel L. Goulet', written in a cursive style.

Daniel L. Goulet
C Squared Systems, LLC

October 16, 2012

Date

Attachment A: References

OET Bulletin 65 - Edition 97-01 - August 1997 Federal Communications Commission Office of Engineering & Technology

ANSI C95.1-1982, American National Standard Safety Levels With Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 300 kHz to 100 GHz. IEEE-SA Standards Board

IEEE Std C95.3-1991 (Reaff 1997), IEEE Recommended Practice for the Measurement of Potentially Hazardous Electromagnetic Fields - RF and Microwave. IEEE-SA Standards Board

Attachment B: FCC Limits for Maximum Permissible Exposure (MPE)

(A) Limits for Occupational/Controlled Exposure⁴

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-3.0	614	1.63	(100)*	6
3.0-30	1842/f	4.89/f	(900/f ²)*	6
30-300	61.4	0.163	1.0	6
300-1500	-	-	f/300	6
1500-100,000	-	-	5	6

(B) Limits for General Population/Uncontrolled Exposure⁵

Frequency Range (MHz)	Electric Field Strength (E) (V/m)	Magnetic Field Strength (E) (A/m)	Power Density (S) (mW/cm ²)	Averaging Time E ² , H ² or S (minutes)
0.3-1.34	614	1.63	(100)*	30
1.34-30	824/f	2.19/f	(180/f ²)*	30
30-300	27.5	0.073	0.2	30
300-1500	-	-	f/1500	30
1500-100,000	-	-	1.0	30

f = frequency in MHz * Plane-wave equivalent power density

Table 2: FCC Limits for Maximum Permissible Exposure (MPE)

⁴ Occupational/controlled limits apply in situations in which persons are exposed as a consequence of their employment provided those persons are fully aware of the potential for exposure and can exercise control over their exposure. Limits for occupational/controlled exposure also apply in situations when an individual is transient through a location where occupational/controlled limits apply provided he or she is made aware of the potential for exposure.

⁵ General population/uncontrolled exposures apply in situations in which the general public may be exposed, or in which persons that are exposed as a consequence of their employment may not be fully aware of the potential for exposure or cannot exercise control over their exposure.

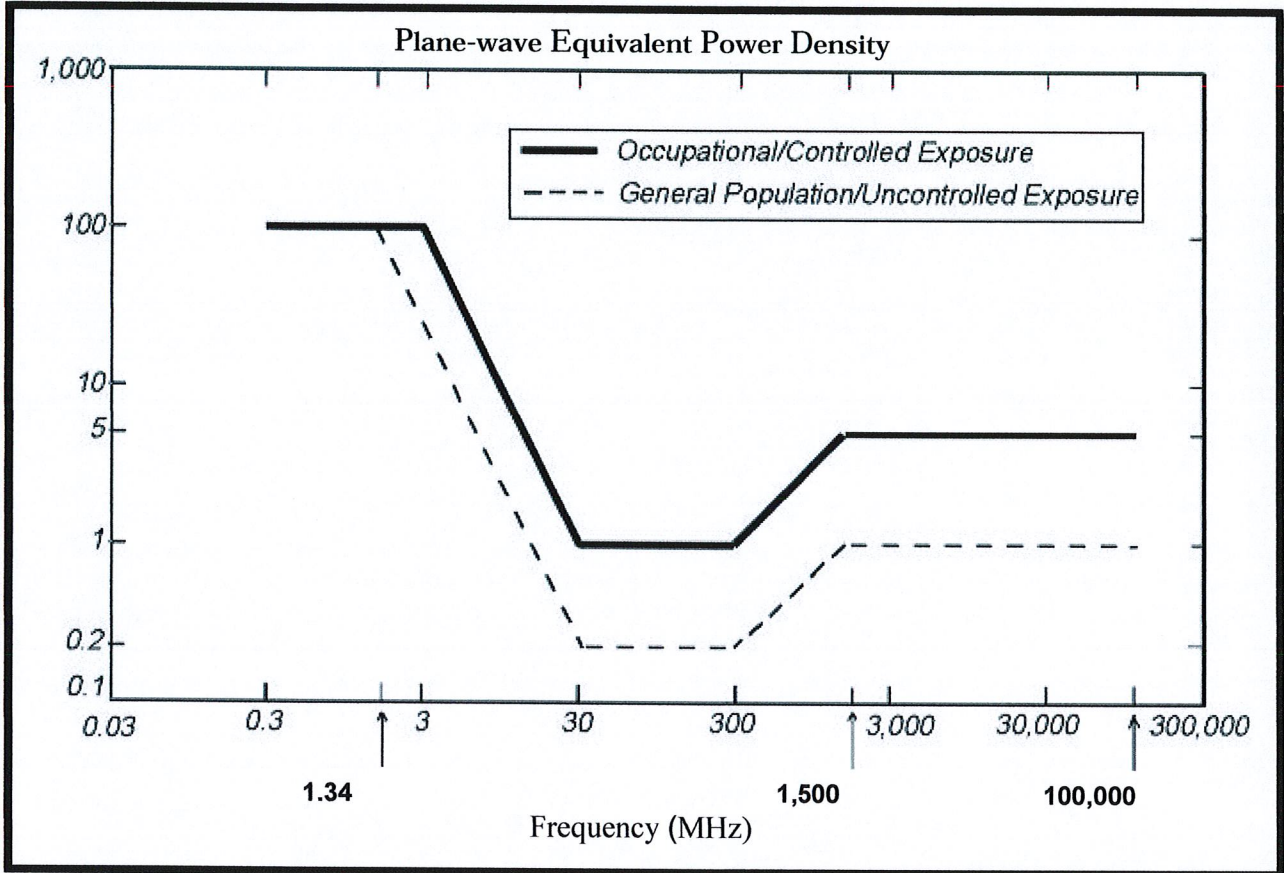
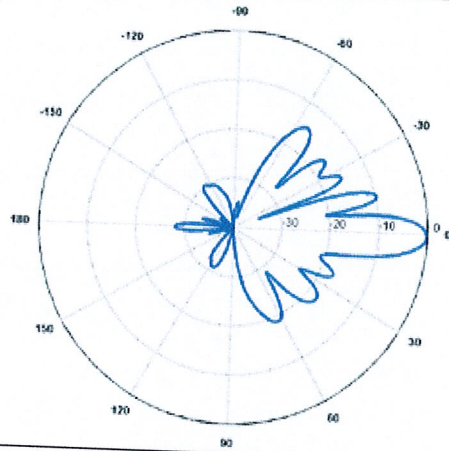


Figure 1: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

Attachment C: AT&T Antenna Data Sheets and Electrical Patterns

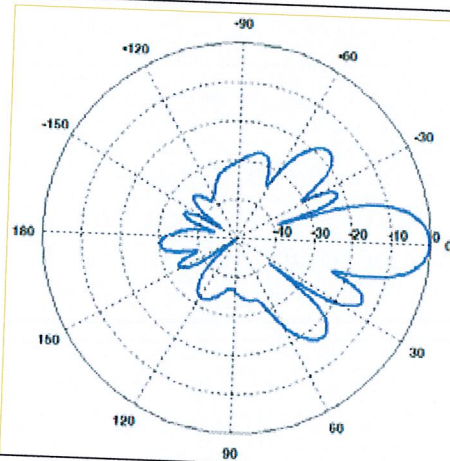
700 MHz

Manufacturer: Powerwave
 Model #: P65-17-XLH-RR
 Frequency Band: 698-806 MHz
 Gain: 14.3 dBd
 Vertical Beamwidth: 8.4°
 Horizontal Beamwidth: 70°
 Polarization: Dual Linear ± 45°
 Size L x W x D: 96.0" x 12.0" x 6.0"



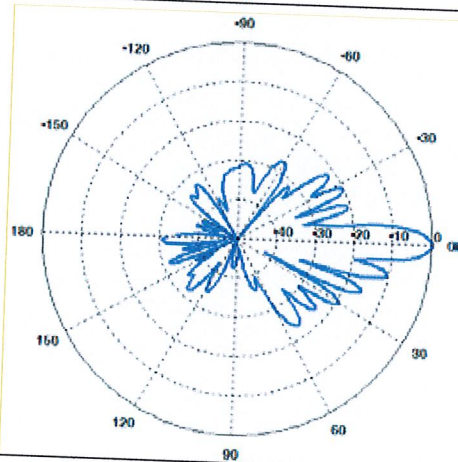
850 MHz

Manufacturer: Powerwave
 Model #: 7770.00
 Frequency Band: 824-896 MHz
 Gain: 11.5 dBd
 Vertical Beamwidth: 15°
 Horizontal Beamwidth: 82°
 Polarization: Dual Linear ± 45°
 Size L x W x D: 55" x 11.0" x 5.0"



1900 MHz

Manufacturer: Powerwave
 Model #: 7770.00
 Frequency Band: 1850-1990 MHz
 Gain: 13.4 dBd
 Vertical Beamwidth: 7°
 Horizontal Beamwidth: 86°
 Polarization: ± 45°
 Size L x W x D: 55" x 11.0" x 5.0"





AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 150 ft Monopole
ATC Site Name : Cntn - Canton, CT
ATC Site Number : 302488
Engineering Number : 50492021
Proposed Carrier : AT&T Mobility
Carrier Site Name : Canton
Carrier Site Number : 10034984 / CT1020
Site Location : 4 Hoffmann Road
Canton, CT 06019-2122
41.855278,-72.892500
County : Hartford
Date : October 4, 2012
Max Usage : 105%
Result : Pass

Zachary Medoff, E.I.
Project Engineer

Zachary Medoff



10/4/12



Table of Contents

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Calculations	Attached



Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 150 ft monopole to reflect the change in loading by AT&T Mobility.

Supporting Documents

Tower Drawings	ITT Meyer, AT&T Spec. AT-8935 B, dated April 13, 1984
Foundation Drawing	Girard & Co. Drawing dated April 2, 1986
Geotechnical Report	GEOservices Project #21-07254, dated September 12, 2008

Analysis

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

Basic Wind Speed:	95 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" radial ice concurrent
Code:	ANSI/TIA-222-G / 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment
Structure Class:	II
Exposure Category:	B
Topographic Category:	1

Conclusion

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

If you have any questions or require additional information, please contact me via email at zachary.medoff@americantower.com or call 919-466-5057.



Existing and Reserved Equipment

Mount Elev. ¹ (ft)	Qty.	Antenna	Mount Type	Coax (in)	Carrier
150.0	1	12' Omni	Platform w/ Handrails	(1) 1 5/8	USA Mobility
	1	6' Yagi		(1) 1/2	
	6	Powerwave 7770.00A		(12) 1 1/4	AT&T Mobility
	6	Powerwave TT19-08BP111-001			
	1	Telewave ANT450D6-9			
144.0	3	RFS APXV18-206517S-C	Flush	(1) 7/8	Town of Canton
				(6) 1 5/8	Youghiogheny
135.0	3	RFS APX16DWV-16DWV-S-E-ACU	Low Profile Platform	(12) 1 5/8	T-Mobile
	3	RFS ATMAA1412D-1A20			
	3	RFS ATMPP1412D-1CWA			
120.0	1	Telewave ANT450D6-9	Side Arm	(1) 7/8	Town of Canton
10.0	1	Channel Master Type 120	Pipe	(1) 7 mm	USA Mobility

Proposed Equipment

Elevation ¹ (ft)		Qty.	Antenna	Mount Type	Coax (in)	Carrier
Mount	RAD					
150.0	150.0	1	Andrew ABT-DMDF-ADBH	Platform w/ Handrails	(2) 19.7 mm	AT&T Mobility
		6	Ericsson RRUS 11		(1) 10 mm	
		3	Powerwave P65-17-XLH-RR		(1) 3	

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

Install proposed coax inside the pole shaft.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	105%	Pass
Shaft	97%	Pass
Base Plate	68%	Pass
Flanges	93%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	2004.9
Axial (Kips)	51.5
Shear (Kips)	19.6

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

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
150.0	4.103	3.092

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



Standard Conditions

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

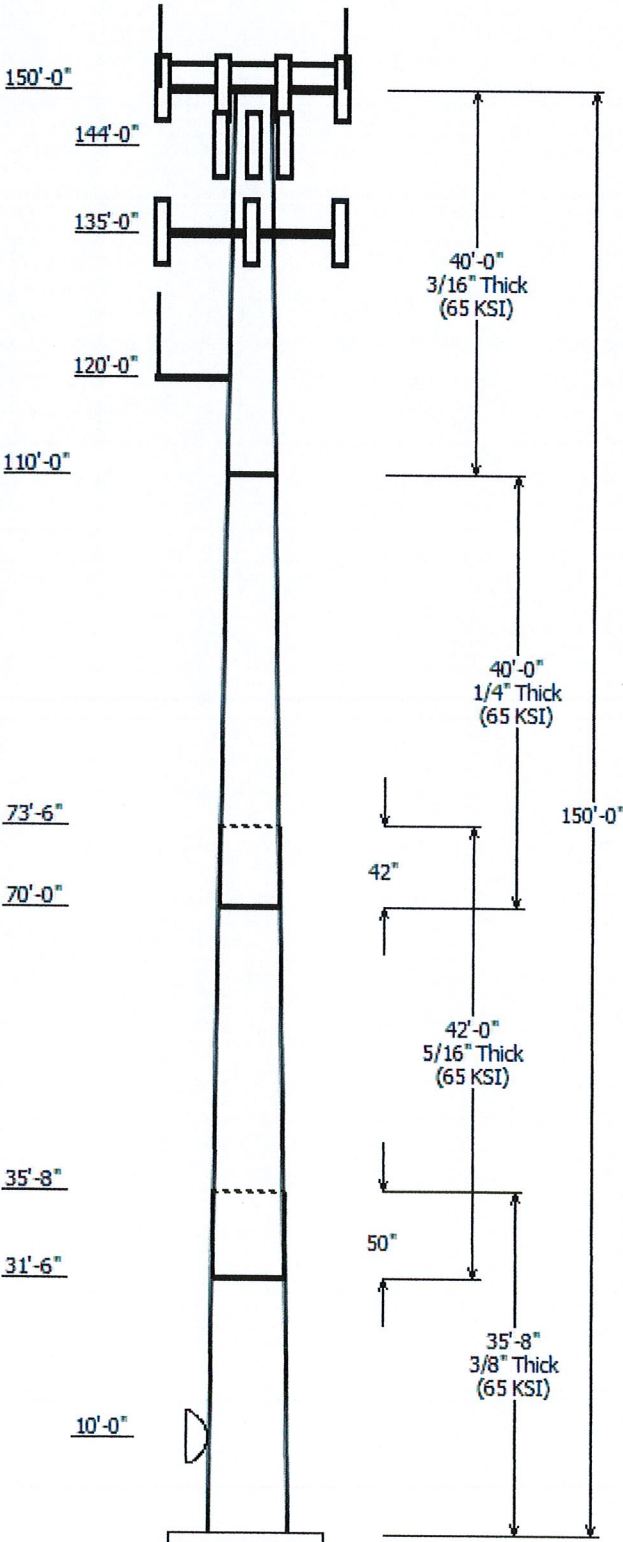
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

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

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

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

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Job Information	
Pole :	302488
Code:	ANSI/TIA-222 Rev G
Description :	150 ft ITT Meyer Type "B" Monopole
Client :	AT&T Mobility
Struct Class :	II
Location :	Cntn - Canton, CT
Shape :	12 Sides
Exposure :	B
Height :	150.00 (ft)
Topo :	1
Base Elev (ft):	0.00
Taper:	0.15670(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	0.156707	65
2	42.000	26.48	33.07	0.313	Slip Joint	50.000	0.156707	65
3	40.000	21.26	27.53	0.250	Slip Joint	42.000	0.156707	65
4	40.000	15.00	21.26	0.188	Butt Joint	0.000	0.156707	65

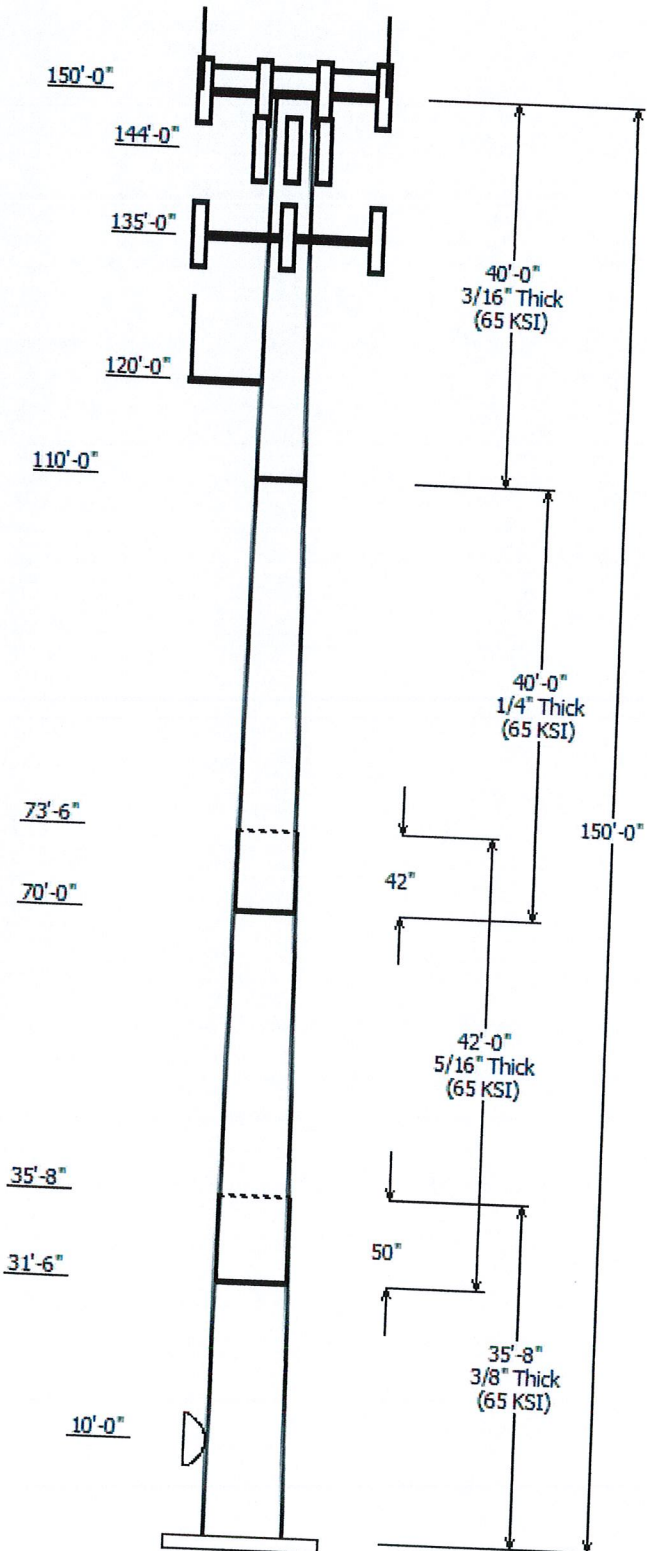
Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	150.000	1	Andrew ABT-DMDF-ADBH
150.000	150.000	6	Ericsson RRUS 11
150.000	150.000	6	Powerwave TT19-08BP111-001
150.000	150.000	3	Powerwave P65-17-XLH-RR
150.000	152.958	1	Telewave ANT450D6-9
150.000	150.000	1	6' Yagi
150.000	150.000	6	Powerwave 7770.00A
150.000	156.000	1	12' Omni
150.000	150.000	1	Flat Platform w/ Handrails
144.000	144.000	3	RFS APXV18-206517S-C
135.000	135.000	1	Low Profile Platform
135.000	135.000	3	RFS ATMPP1412D-1CWA
135.000	135.000	3	RFS APX16DWV-16DWV-S-E
135.000	135.000	3	RFS ATMAA1412D-1A20
120.000	122.958	1	Telewave ANT450D6-9
120.000	120.000	1	Side Arm
10.000	10.000	1	Channel Master Type 120

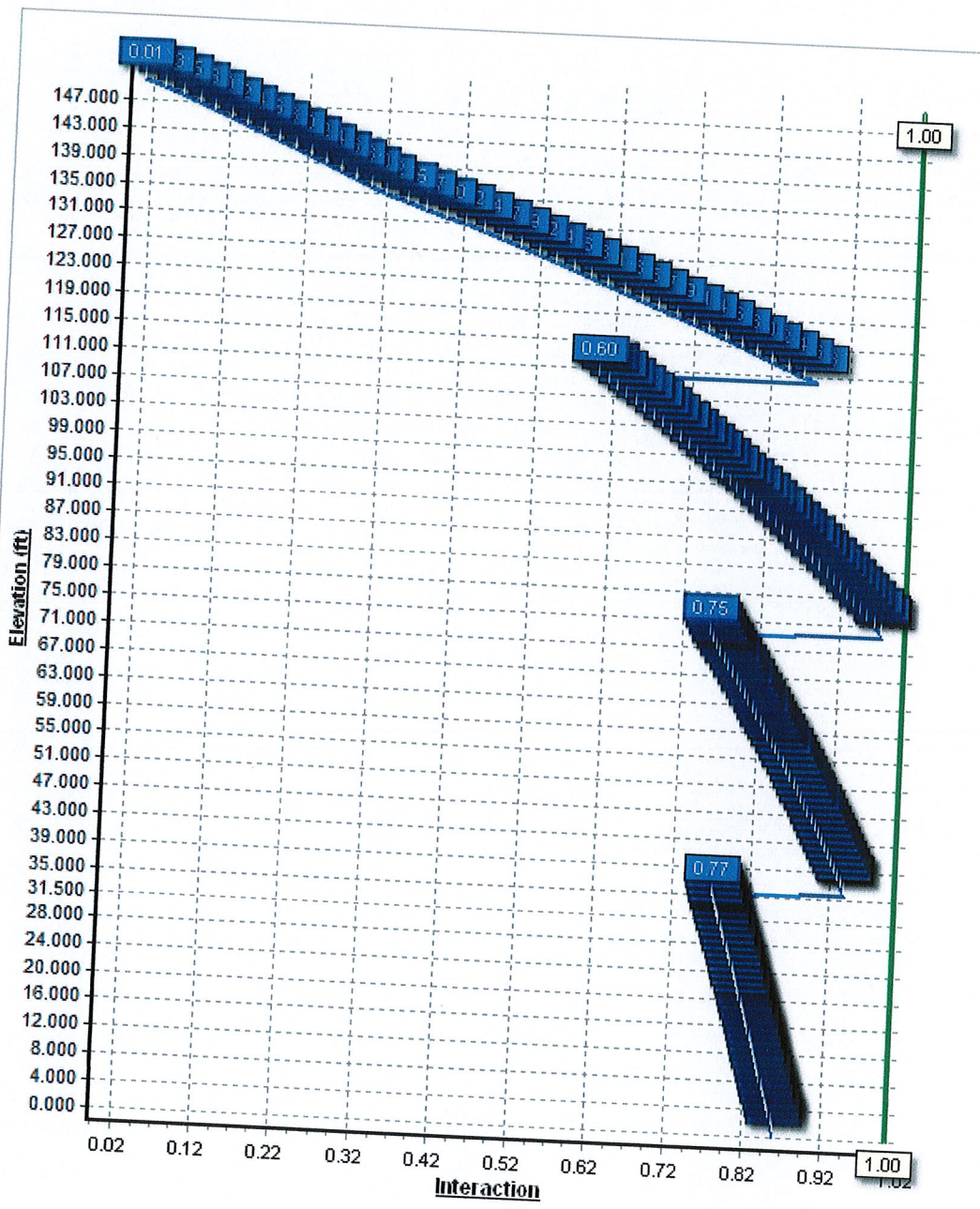
Linear Appurtenance			
Elev (ft)		Description	Exposed To Wind
From	To		
0.000	10.000	7 mm Fiber Cable	No
0.000	120.0	7/8" Coax	No
0.000	135.0	1 5/8" Coax	Yes
0.000	144.0	1 5/8 Coax	No
0.000	150.0	1 1/4" Coax	No
0.000	150.0	1 5/8 Coax	No
0.000	150.0	1/2" Coax	No
0.000	150.0	10 mm Cable	No
0.000	150.0	19.7 mm Cable	No
0.000	150.0	3" Coax	No
0.000	150.0	7/8" Coax	No

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 1.00 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	2004.88	19.57	26.45
0.9D + 1.6W	1860.74	18.43	19.84
1.2D + 1.0Di + 1.0Wi	588.86	4.73	51.55
1.0D + 1.0W	469.97	4.59	22.05

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	10.00	0.181	0.173



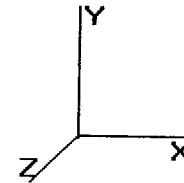


Pole : 302488
 Location : Crtn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom				Top				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)	W/t Ratio	D/t Ratio
1-12	35.667	0.3750	65		0.00	5,014	37.38	0.00	44.68	7810.1	24.57	99.68	31.79	35.67	37.93	4778.8	20.57	84.78	0.156707
2-12	42.000	0.3130	65	Slip	50.00	4,244	33.07	31.50	33.01	4521.5	26.17	105.65	26.48	73.50	26.38	2307.0	20.53	84.63	0.156707
3-12	40.000	0.2500	65	Slip	42.00	2,646	27.53	70.00	21.97	2087.5	27.37	110.15	21.26	110.00	16.92	954.0	20.65	85.07	0.156707
4-12	40.000	0.1875	65	Butt	0.00	1,475	21.26	110.00	12.73	721.9	28.25	113.43	15.00	150.00	8.94	250.4	19.29	80.00	0.156707
Shaft Weight						13,379													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Weight (lb)	No Ice CaAa (sf)	CaAa Factor	Weight (lb)	Ice CaAa (sf)	CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
150.00	12' Omni	1	25.00	3.600	1.00	265.22	8.502	1.00	0.000	6.000
150.00	6' Yagi	1	20.00	6.000	1.00	291.97	27.367	1.00	0.000	0.000
150.00	Andrew ABT-DMDF-ADBH	1	1.10	0.050	0.33	10.93	0.203	0.33	0.000	0.000
150.00	Ericsson RRUS 11	6	50.00	2.570	0.33	167.51	3.466	0.33	0.000	0.000
150.00	Flat Platform w/ Handrails	1	2000.00	42.400	0.95	3,898.78	70.420	0.95	0.000	0.000
150.00	Powerwave 7770.00A	6	35.00	5.560	0.76	229.82	7.019	0.76	0.000	0.000
150.00	Powerwave P65-17-XLH-RR	3	59.00	11.460	0.67	413.76	13.695	0.67	0.000	0.000
150.00	Powerwave TT19-08BP111-	6	16.00	0.550	0.33	58.23	1.034	0.33	0.000	0.000
150.00	Telewave ANT450D6-9	1	18.00	4.300	1.00	68.93	9.475	1.00	0.000	2.958
144.00	RFS APXV18-206517S-C	3	26.40	5.160	0.68	198.13	6.846	0.68	0.000	0.000
135.00	Low Profile Platform	1	1500.00	26.100	1.00	2,356.55	51.341	1.00	0.000	0.000
135.00	RFS APX16DWV-16DWV-S-E-	3	39.60	6.080	0.66	224.79	7.531	0.66	0.000	0.000
135.00	RFS ATMAA1412D-1A20	3	13.00	1.170	0.33	65.08	1.596	0.33	0.000	0.000
135.00	RFS ATMPP1412D-1CWA	3	12.00	1.170	0.33	61.09	1.607	0.33	0.000	0.000
120.00	Side Arm	1	50.00	4.000	1.00	81.86	6.731	1.00	0.000	0.000
120.00	Telewave ANT450D6-9	1	18.00	4.300	1.00	67.81	9.361	1.00	0.000	2.958
10.00	Channel Master Type 120	1	126.00	20.190	1.00	335.60	23.257	1.00	0.000	0.000
Totals		42	4814.10			12,999.60			Number of Loadings :	17

Linear Appurtenance Properties

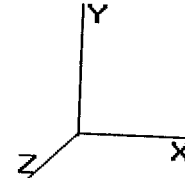
Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	150.00	(12) 1 1/4" Coax	0.00	N
0.00	150.00	(1) 1 5/8 Coax	0.00	N
0.00	150.00	(1) 1/2" Coax	0.00	N
0.00	150.00	(1) 10 mm Cable	0.00	N
0.00	150.00	(2) 19.7 mm Cable	0.00	N
0.00	150.00	(1) 3" Coax	0.00	N
0.00	150.00	(1) 7/8" Coax	0.00	N
0.00	144.00	(6) 1 5/8 Coax	0.00	N
0.00	135.00	(12) 1 5/8" Coax	3.96	Y
0.00	120.00	(1) 7/8" Coax	0.00	N
0.00	10.00	(1) 7 mm Fiber Cable	0.00	N

Pole : 302488
 Location: Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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 Taper : 0.156707 (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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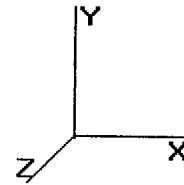
Segment Properties (Max Len : 1 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)
0.00		0.3750	37.380	44.684	7,810.1	24.57	99.68	77.9	403.6	0.0
1.00		0.3750	37.223	44.494	7,711.3	24.45	99.26	78.0	400.2	151.7
2.00		0.3750	37.067	44.305	7,613.3	24.34	98.84	78.2	396.8	151.1
3.00		0.3750	36.910	44.116	7,516.2	24.23	98.43	78.3	393.4	150.4
4.00		0.3750	36.753	43.927	7,419.9	24.12	98.01	78.4	390.0	149.8
5.00		0.3750	36.596	43.737	7,324.4	24.01	97.59	78.5	386.6	149.2
6.00		0.3750	36.440	43.548	7,229.7	23.89	97.17	78.7	383.3	148.5
7.00		0.3750	36.283	43.359	7,135.9	23.78	96.75	78.8	379.9	147.9
8.00		0.3750	36.126	43.170	7,042.9	23.67	96.34	78.9	376.6	147.2
9.00		0.3750	35.970	42.981	6,950.7	23.56	95.92	79.0	373.3	146.6
10.00		0.3750	35.813	42.791	6,859.3	23.45	95.50	79.1	370.0	145.9
11.00		0.3750	35.656	42.602	6,768.7	23.33	95.08	79.3	366.7	145.3
12.00		0.3750	35.500	42.413	6,678.9	23.22	94.67	79.4	363.5	144.6
13.00		0.3750	35.343	42.224	6,589.9	23.11	94.25	79.5	360.2	144.0
14.00		0.3750	35.186	42.034	6,501.7	23.00	93.83	79.6	357.0	143.4
15.00		0.3750	35.029	41.845	6,414.3	22.89	93.41	79.8	353.7	142.7
16.00		0.3750	34.873	41.656	6,327.7	22.77	92.99	79.9	350.5	142.1
17.00		0.3750	34.716	41.467	6,241.8	22.66	92.58	80.0	347.3	141.4
18.00		0.3750	34.559	41.278	6,156.8	22.55	92.16	80.1	344.2	140.8
19.00		0.3750	34.403	41.088	6,072.5	22.44	91.74	80.2	341.0	140.1
20.00		0.3750	34.246	40.899	5,989.0	22.33	91.32	80.4	337.8	139.5
21.00		0.3750	34.089	40.710	5,906.2	22.21	90.90	80.5	334.7	138.8
22.00		0.3750	33.932	40.521	5,824.2	22.10	90.49	80.6	331.6	138.2
23.00		0.3750	33.776	40.331	5,743.0	21.99	90.07	80.7	328.5	137.6
24.00		0.3750	33.619	40.142	5,662.6	21.88	89.65	80.9	325.4	136.9
25.00		0.3750	33.462	39.953	5,582.9	21.77	89.23	81.0	322.3	136.3
26.00		0.3750	33.306	39.764	5,503.9	21.65	88.81	81.1	319.2	135.6
27.00		0.3750	33.149	39.574	5,425.7	21.54	88.40	81.2	316.2	135.0
28.00		0.3750	32.992	39.385	5,348.3	21.43	87.98	81.3	313.2	134.3
29.00		0.3750	32.835	39.196	5,271.6	21.32	87.56	81.5	310.1	133.7
30.00		0.3750	32.679	39.007	5,195.6	21.21	87.14	81.6	307.1	133.1
31.00		0.3750	32.522	38.818	5,120.3	21.09	86.73	81.7	304.2	132.4
31.50	Bot - Section 2	0.3750	32.444	38.723	5,083.0	21.04	86.52	81.8	302.7	66.0
32.00		0.3750	32.365	38.628	5,045.8	20.98	86.31	81.8	301.2	121.8
33.00		0.3750	32.209	38.439	4,972.0	20.87	85.89	81.9	298.2	242.9
34.00		0.3750	32.052	38.250	4,899.0	20.76	85.47	81.9	295.3	241.7
35.00		0.3750	31.895	38.061	4,826.6	20.65	85.05	81.9	292.3	240.6
35.67	Top - Section 1	0.3130	32.417	32.356	4,256.5	25.61	103.57	76.8	253.7	159.8
36.00		0.3130	32.365	32.303	4,235.8	25.56	103.40	76.8	252.8	36.6
37.00		0.3130	32.208	32.146	4,174.0	25.43	102.90	77.0	250.4	109.7
38.00		0.3130	32.051	31.988	4,112.7	25.29	102.40	77.1	247.9	109.1
39.00		0.3130	31.894	31.830	4,052.1	25.16	101.90	77.3	245.4	108.6
40.00		0.3130	31.738	31.672	3,992.1	25.03	101.40	77.4	243.0	108.0
41.00		0.3130	31.581	31.514	3,932.7	24.89	100.90	77.6	240.6	107.5
42.00		0.3130	31.424	31.356	3,873.8	24.76	100.40	77.7	238.1	107.0
43.00		0.3130	31.268	31.198	3,815.6	24.62	99.90	77.9	235.7	106.4
44.00		0.3130	31.111	31.040	3,757.9	24.49	99.40	78.0	233.4	105.9
45.00		0.3130	30.954	30.882	3,700.9	24.36	98.90	78.2	231.0	105.4
46.00		0.3130	30.797	30.724	3,644.4	24.22	98.39	78.3	228.6	104.8
47.00		0.3130	30.641	30.566	3,588.5	24.09	97.89	78.4	226.2	104.3
48.00		0.3130	30.484	30.408	3,533.1	23.95	97.39	78.6	223.9	103.7
49.00		0.3130	30.327	30.250	3,478.3	23.82	96.89	78.7	221.6	103.2
50.00		0.3130	30.171	30.092	3,424.1	23.68	96.39	78.9	219.3	102.7
51.00		0.3130	30.014	29.934	3,370.5	23.55	95.89	79.0	216.9	102.1
52.00		0.3130	29.857	29.776	3,317.4	23.42	95.39	79.2	214.6	101.6
53.00		0.3130	29.701	29.619	3,264.9	23.28	94.89	79.3	212.4	101.1
54.00		0.3130	29.544	29.461	3,213.0	23.15	94.39	79.5	210.1	100.5
55.00		0.3130	29.387	29.303	3,161.6	23.01	93.89	79.6	207.8	100.0

Pole : 302488
 Location : Crtn - Canton, CT
 Height : 150.0 (ft)
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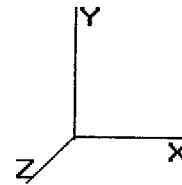
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56.00		0.3130	29.230	29.145	3,110.7	22.88	93.39	79.8	205.6	99.4
57.00		0.3130	29.074	28.987	3,060.4	22.75	92.89	79.9	203.4	98.9
58.00		0.3130	28.917	28.829	3,010.7	22.61	92.39	80.1	201.1	98.4
59.00		0.3130	28.760	28.671	2,961.5	22.48	91.89	80.2	198.9	97.8
60.00		0.3130	28.604	28.513	2,912.8	22.34	91.39	80.3	196.7	97.3
61.00		0.3130	28.447	28.355	2,864.7	22.21	90.88	80.5	194.5	96.8
62.00		0.3130	28.290	28.197	2,817.1	22.07	90.38	80.6	192.4	96.2
63.00		0.3130	28.133	28.039	2,770.0	21.94	89.88	80.8	190.2	95.7
64.00		0.3130	27.977	27.881	2,723.4	21.81	89.38	80.9	188.1	95.1
65.00		0.3130	27.820	27.723	2,677.4	21.67	88.88	81.1	185.9	94.6
66.00		0.3130	27.663	27.565	2,631.9	21.54	88.38	81.2	183.8	94.1
67.00		0.3130	27.507	27.407	2,586.9	21.40	87.88	81.4	181.7	93.5
68.00		0.3130	27.350	27.249	2,542.5	21.27	87.38	81.5	179.6	93.0
69.00		0.3130	27.193	27.091	2,498.5	21.14	86.88	81.7	177.5	92.5
70.00		0.3130	27.036	26.934	2,455.1	21.00	86.38	81.8	175.4	91.9
70.00	Bot - Section 3	0.3130	27.036	26.933	2,455.1	21.00	86.38	81.8	175.4	0.0
71.00		0.3130	26.880	26.776	2,412.1	20.87	85.88	81.9	173.4	165.9
72.00		0.3130	26.723	26.618	2,369.7	20.73	85.38	81.9	171.3	164.9
73.00		0.3130	26.566	26.460	2,327.8	20.60	84.88	81.9	169.3	164.0
73.50	Top - Section 2	0.2500	26.988	21.524	1,964.1	26.78	107.95	75.5	140.6	81.7
74.00		0.2500	26.910	21.461	1,946.9	26.70	107.64	75.6	139.8	36.5
75.00		0.2500	26.753	21.335	1,912.8	26.53	107.01	75.8	138.1	72.8
76.00		0.2500	26.596	21.209	1,879.1	26.36	106.39	76.0	136.5	72.4
77.00		0.2500	26.440	21.083	1,845.7	26.19	105.76	76.1	134.9	72.0
78.00		0.2500	26.283	20.956	1,812.8	26.03	105.13	76.3	133.2	71.5
79.00		0.2500	26.126	20.830	1,780.2	25.86	104.50	76.5	131.6	71.1
80.00		0.2500	25.969	20.704	1,748.1	25.69	103.88	76.7	130.0	70.7
81.00		0.2500	25.813	20.578	1,716.3	25.52	103.25	76.9	128.5	70.2
82.00		0.2500	25.656	20.452	1,685.0	25.35	102.62	77.1	126.9	69.8
83.00		0.2500	25.499	20.326	1,654.0	25.19	102.00	77.2	125.3	69.4
84.00		0.2500	25.343	20.200	1,623.4	25.02	101.37	77.4	123.7	68.9
85.00		0.2500	25.186	20.073	1,593.1	24.85	100.74	77.6	122.2	68.5
86.00		0.2500	25.029	19.947	1,563.3	24.68	100.12	77.8	120.7	68.1
87.00		0.2500	24.872	19.821	1,533.8	24.51	99.49	78.0	119.1	67.7
88.00		0.2500	24.716	19.695	1,504.7	24.35	98.86	78.2	117.6	67.2
89.00		0.2500	24.559	19.569	1,476.0	24.18	98.24	78.3	116.1	66.8
90.00		0.2500	24.402	19.443	1,447.6	24.01	97.61	78.5	114.6	66.4
91.00		0.2500	24.246	19.316	1,419.6	23.84	96.98	78.7	113.1	65.9
92.00		0.2500	24.089	19.190	1,392.0	23.67	96.36	78.9	111.6	65.5
93.00		0.2500	23.932	19.064	1,364.7	23.51	95.73	79.1	110.2	65.1
94.00		0.2500	23.776	18.938	1,337.8	23.34	95.10	79.3	108.7	64.7
95.00		0.2500	23.619	18.812	1,311.3	23.17	94.48	79.4	107.3	64.2
96.00		0.2500	23.462	18.686	1,285.1	23.00	93.85	79.6	105.8	63.8
97.00		0.2500	23.305	18.560	1,259.2	22.84	93.22	79.8	104.4	63.4
98.00		0.2500	23.149	18.433	1,233.7	22.67	92.59	80.0	103.0	62.9
99.00		0.2500	22.992	18.307	1,208.6	22.50	91.97	80.2	101.5	62.5
100.00		0.2500	22.835	18.181	1,183.7	22.33	91.34	80.4	100.1	62.1
101.00		0.2500	22.679	18.055	1,159.3	22.16	90.71	80.5	98.8	61.7
102.00		0.2500	22.522	17.929	1,135.1	22.00	90.09	80.7	97.4	61.2
103.00		0.2500	22.365	17.803	1,111.4	21.83	89.46	80.9	96.0	60.8
104.00		0.2500	22.208	17.677	1,087.9	21.66	88.83	81.1	94.6	60.4
105.00		0.2500	22.052	17.550	1,064.8	21.49	88.21	81.3	93.3	59.9
106.00		0.2500	21.895	17.424	1,042.0	21.32	87.58	81.5	91.9	59.5
107.00		0.2500	21.738	17.298	1,019.5	21.16	86.95	81.6	90.6	59.1
108.00		0.2500	21.582	17.172	997.4	20.99	86.33	81.8	89.3	58.6
109.00		0.2500	21.425	17.046	975.5	20.82	85.70	81.9	88.0	58.2
110.00		0.2500	21.268	16.920	954.0	20.65	85.07	81.9	86.7	57.8
110.00	Top - Section 3	0.2500	21.268	16.920	954.0	20.65	85.07	81.9	86.7	0.0
110.00	Bot - Section 4	0.1875	21.268	12.727	721.9	28.25	113.43	73.9	65.6	
111.00		0.1875	21.112	12.633	706.0	28.03	112.59	74.1	64.6	43.1
112.00		0.1875	20.955	12.538	690.2	27.80	111.76	74.4	63.6	42.8
113.00		0.1875	20.798	12.444	674.7	27.58	110.92	74.6	62.7	42.5
114.00		0.1875	20.641	12.349	659.4	27.35	110.09	74.9	61.7	42.2
115.00		0.1875	20.485	12.254	644.4	27.13	109.25	75.1	60.8	41.9

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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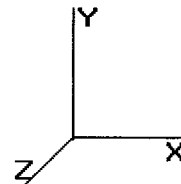
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116.0	0.1875	20.328	12.160	629.6	26.91	108.42	75.4	59.8	41.5
117.0	0.1875	20.171	12.065	615.0	26.68	107.58	75.6	58.9	41.2
118.0	0.1875	20.015	11.971	600.6	26.46	106.74	75.9	58.0	40.9
119.0	0.1875	19.858	11.876	586.5	26.23	105.91	76.1	57.1	40.6
120.0	0.1875	19.701	11.781	572.6	26.01	105.07	76.3	56.1	40.3
121.0	0.1875	19.544	11.687	558.9	25.79	104.24	76.6	55.2	39.9
122.0	0.1875	19.388	11.592	545.5	25.56	103.40	76.8	54.4	39.6
123.0	0.1875	19.231	11.498	532.2	25.34	102.57	77.1	53.5	39.3
124.0	0.1875	19.074	11.403	519.2	25.11	101.73	77.3	52.6	39.0
125.0	0.1875	18.918	11.308	506.4	24.89	100.89	77.6	51.7	38.6
126.0	0.1875	18.761	11.214	493.8	24.67	100.06	77.8	50.8	38.3
127.0	0.1875	18.604	11.119	481.4	24.44	99.22	78.1	50.0	38.0
128.0	0.1875	18.447	11.024	469.2	24.22	98.39	78.3	49.1	37.7
129.0	0.1875	18.291	10.930	457.2	24.00	97.55	78.5	48.3	37.4
130.0	0.1875	18.134	10.835	445.4	23.77	96.72	78.8	47.5	37.0
131.0	0.1875	17.977	10.741	433.9	23.55	95.88	79.0	46.6	36.7
132.0	0.1875	17.821	10.646	422.5	23.32	95.04	79.3	45.8	36.4
133.0	0.1875	17.664	10.551	411.3	23.10	94.21	79.5	45.0	36.1
134.0	0.1875	17.507	10.457	400.4	22.88	93.37	79.8	44.2	35.7
135.0	0.1875	17.351	10.362	389.6	22.65	92.54	80.0	43.4	35.4
136.0	0.1875	17.194	10.268	379.0	22.43	91.70	80.3	42.6	35.1
137.0	0.1875	17.037	10.173	368.6	22.20	90.86	80.5	41.8	34.8
138.0	0.1875	16.880	10.078	358.5	21.98	90.03	80.7	41.0	34.5
139.0	0.1875	16.724	9.984	348.5	21.76	89.19	81.0	40.3	34.1
140.0	0.1875	16.567	9.889	338.6	21.53	88.36	81.2	39.5	33.8
141.0	0.1875	16.410	9.795	329.0	21.31	87.52	81.5	38.7	33.5
142.0	0.1875	16.254	9.700	319.6	21.08	86.69	81.7	38.0	33.2
143.0	0.1875	16.097	9.605	310.3	20.86	85.85	81.9	37.2	32.8
144.0	0.1875	15.940	9.511	301.2	20.64	85.01	81.9	36.5	32.5
145.0	0.1875	15.783	9.416	292.3	20.41	84.18	81.9	35.8	32.2
146.0	0.1875	15.627	9.321	283.6	20.19	83.34	81.9	35.1	31.9
147.0	0.1875	15.470	9.227	275.1	19.96	82.51	81.9	34.3	31.6
148.0	0.1875	15.313	9.132	266.7	19.74	81.67	81.9	33.6	31.2
149.0	0.1875	15.157	9.038	258.5	19.52	80.84	81.9	32.9	30.9
150.0	0.1875	15.000	8.943	250.5	19.29	80.00	81.9	32.3	30.6

13,378.9

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

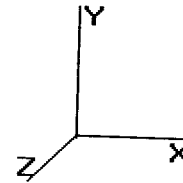
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	256.32	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	15.364	16.90	255.24	1.008	* 0.000	1.00	3.218	3.24	87.7	0.0	182.1
2.00		1.00	0.70	15.364	16.90	254.17	1.009	* 0.000	1.00	3.205	3.23	87.4	0.0	181.3
3.00		1.00	0.70	15.364	16.90	253.09	1.010	* 0.000	1.00	3.191	3.22	87.2	0.0	180.5
4.00		1.00	0.70	15.364	16.90	252.02	1.012	* 0.000	1.00	3.178	3.21	86.9	0.0	179.8
5.00		1.00	0.70	15.364	16.90	250.95	1.013	* 0.000	1.00	3.164	3.20	86.7	0.0	179.0
6.00		1.00	0.70	15.364	16.90	249.87	1.014	* 0.000	1.00	3.151	3.20	86.4	0.0	178.2
7.00		1.00	0.70	15.364	16.90	248.80	1.016	* 0.000	1.00	3.137	3.19	86.1	0.0	177.4
8.00		1.00	0.70	15.364	16.90	247.72	1.017	* 0.000	1.00	3.123	3.18	85.9	0.0	176.7
9.00		1.00	0.70	15.364	16.90	246.65	1.018	* 0.000	1.00	3.110	3.17	85.6	0.0	175.9
10.00	Appertunance(s)	1.00	0.70	15.364	16.90	245.57	1.020	* 0.000	1.00	3.096	3.16	85.4	0.0	175.1
11.00		1.00	0.70	15.364	16.90	244.50	1.021	* 0.000	1.00	3.083	3.15	85.1	0.0	174.3
12.00		1.00	0.70	15.364	16.90	243.42	1.023	* 0.000	1.00	3.069	3.14	84.9	0.0	173.6
13.00		1.00	0.70	15.364	16.90	242.35	1.024	* 0.000	1.00	3.056	3.13	84.6	0.0	172.8
14.00		1.00	0.70	15.364	16.90	241.27	1.025	* 0.000	1.00	3.042	3.12	84.4	0.0	172.0
15.00		1.00	0.70	15.364	16.90	240.20	1.027	* 0.000	1.00	3.029	3.11	84.1	0.0	171.3
16.00		1.00	0.70	15.364	16.90	239.12	1.028	* 0.000	1.00	3.015	3.10	83.8	0.0	170.5
17.00		1.00	0.70	15.364	16.90	238.05	1.030	* 0.000	1.00	3.002	3.09	83.6	0.0	169.7
18.00		1.00	0.70	15.364	16.90	236.98	1.031	* 0.000	1.00	2.988	3.08	83.3	0.0	168.9
19.00		1.00	0.70	15.364	16.90	235.90	1.033	* 0.000	1.00	2.975	3.07	83.1	0.0	168.2
20.00		1.00	0.70	15.364	16.90	234.83	1.034	* 0.000	1.00	2.961	3.06	82.8	0.0	167.4
21.00		1.00	0.70	15.364	16.90	233.75	1.036	* 0.000	1.00	2.948	3.05	82.6	0.0	166.6
22.00		1.00	0.70	15.364	16.90	232.68	1.037	* 0.000	1.00	2.934	3.04	82.3	0.0	165.8
23.00		1.00	0.70	15.364	16.90	231.60	1.039	* 0.000	1.00	2.921	3.03	82.1	0.0	165.1
24.00		1.00	0.70	15.364	16.90	230.53	1.041	* 0.000	1.00	2.907	3.03	81.8	0.0	164.3
25.00		1.00	0.70	15.364	16.90	229.45	1.042	* 0.000	1.00	2.894	3.02	81.5	0.0	163.5
26.00		1.00	0.70	15.364	16.90	228.38	1.044	* 0.000	1.00	2.880	3.01	81.3	0.0	162.8
27.00		1.00	0.70	15.364	16.90	227.30	1.045	* 0.000	1.00	2.867	3.00	81.0	0.0	162.0
28.00		1.00	0.70	15.364	16.90	226.23	1.047	* 0.000	1.00	2.853	2.99	80.8	0.0	161.2
29.00		1.00	0.70	15.364	16.90	225.16	1.049	* 0.000	1.00	2.840	2.98	80.5	0.0	160.4
30.00		1.00	0.70	15.377	16.91	224.18	1.050	* 0.000	1.00	2.826	2.97	80.3	0.0	159.7
31.00		1.00	0.70	15.522	17.07	224.15	1.052	* 0.000	1.00	2.813	2.96	80.8	0.0	158.9
31.50	Bot - Section 2	1.00	0.71	15.593	17.15	224.12	1.053	* 0.000	0.50	1.402	1.48	40.5	0.0	79.2
32.00		1.00	0.71	15.663	17.23	224.08	1.054	* 0.000	0.50	1.424	1.50	41.4	0.0	146.2
33.00		1.00	0.72	15.802	17.38	223.98	1.055	* 0.000	1.00	2.840	3.00	83.3	0.0	291.5
34.00		1.00	0.72	15.937	17.53	223.84	1.057	* 0.000	1.00	2.826	2.99	83.8	0.0	290.1
35.00		1.00	0.73	16.070	17.67	223.67	1.059	* 0.000	1.00	2.812	2.98	84.2	0.0	288.7
35.67	Top - Section 1	1.00	0.73	16.156	17.77	223.54	1.060	* 0.000	0.67	1.868	1.98	56.3	0.0	191.8
36.00		1.00	0.73	16.199	17.81	227.88	1.054	* 0.000	0.33	0.931	0.98	28.0	0.0	44.0
37.00		1.00	0.74	16.327	17.95	227.66	1.055	* 0.000	1.00	2.785	2.94	84.5	0.0	131.6
38.00		1.00	0.75	16.452	18.09	227.42	1.057	* 0.000	1.00	2.772	2.93	84.8	0.0	130.9
39.00		1.00	0.75	16.574	18.23	227.15	1.059	* 0.000	1.00	2.758	2.92	85.2	0.0	130.3
40.00		1.00	0.76	16.694	18.36	226.85	1.061	* 0.000	1.00	2.745	2.91	85.5	0.0	129.6
41.00		1.00	0.76	16.813	18.49	226.53	1.062	* 0.000	1.00	2.731	2.90	85.9	0.0	129.0
42.00		1.00	0.77	16.929	18.62	226.18	1.064	* 0.000	1.00	2.718	2.89	86.2	0.0	128.4
43.00		1.00	0.77	17.043	18.74	225.81	1.066	* 0.000	1.00	2.704	2.88	86.5	0.0	127.7
44.00		1.00	0.78	17.155	18.87	225.42	1.068	* 0.000	1.00	2.691	2.87	86.8	0.0	127.1
45.00		1.00	0.78	17.266	18.99	225.01	1.070	* 0.000	1.00	2.677	2.86	87.0	0.0	126.4
46.00		1.00	0.79	17.375	19.11	224.57	1.072	* 0.000	1.00	2.664	2.85	87.3	0.0	125.8
47.00		1.00	0.79	17.482	19.23	224.12	1.074	* 0.000	1.00	2.650	2.85	87.5	0.0	125.1
48.00		1.00	0.80	17.587	19.34	223.64	1.075	* 0.000	1.00	2.637	2.84	87.8	0.0	124.5

Pole : 302488
 Location: Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

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

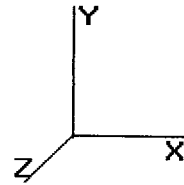
Wind Importance Factor : 1.00

49.00		1.00	0.80	17.691	19.46	223.15	1.077	* 0.000	1.00	2.623	2.83	88.0	0.0	123.8
50.00		1.00	0.81	17.793	19.57	222.64	1.079	* 0.000	1.00	2.610	2.82	88.2	0.0	123.2
51.00		1.00	0.81	17.894	19.68	222.11	1.081	* 0.000	1.00	2.596	2.81	88.4	0.0	122.6
52.00		1.00	0.82	17.994	19.79	221.56	1.083	* 0.000	1.00	2.583	2.80	88.6	0.0	121.9
53.00		1.00	0.82	18.092	19.90	221.00	1.085	* 0.000	1.00	2.569	2.79	88.8	0.0	121.3
54.00		1.00	0.82	18.189	20.00	220.42	1.087	* 0.000	1.00	2.556	2.78	89.0	0.0	120.6
55.00		1.00	0.83	18.285	20.11	219.83	1.089	* 0.000	1.00	2.542	2.77	89.1	0.0	120.0
56.00		1.00	0.83	18.379	20.21	219.22	1.092	* 0.000	1.00	2.529	2.76	89.3	0.0	119.3
57.00		1.00	0.84	18.472	20.31	218.60	1.094	* 0.000	1.00	2.515	2.75	89.4	0.0	118.7
58.00		1.00	0.84	18.564	20.42	217.96	1.096	* 0.000	1.00	2.502	2.74	89.6	0.0	118.0
59.00		1.00	0.85	18.655	20.52	217.31	1.098	* 0.000	1.00	2.488	2.73	89.7	0.0	117.4
60.00		1.00	0.85	18.745	20.61	216.64	1.100	* 0.000	1.00	2.474	2.72	89.8	0.0	116.8
61.00		1.00	0.85	18.834	20.71	215.97	1.102	* 0.000	1.00	2.461	2.71	89.9	0.0	116.1
62.00		1.00	0.86	18.921	20.81	215.28	1.105	* 0.000	1.00	2.447	2.70	90.0	0.0	115.5
63.00		1.00	0.86	19.008	20.90	214.57	1.107	* 0.000	1.00	2.434	2.69	90.1	0.0	114.8
64.00		1.00	0.87	19.094	21.00	213.86	1.109	* 0.000	1.00	2.420	2.68	90.2	0.0	114.2
65.00		1.00	0.87	19.179	21.09	213.13	1.111	* 0.000	1.00	2.407	2.67	90.3	0.0	113.5
66.00		1.00	0.87	19.262	21.18	212.39	1.114	* 0.000	1.00	2.393	2.67	90.4	0.0	112.9
67.00		1.00	0.88	19.345	21.28	211.65	1.116	* 0.000	1.00	2.380	2.66	90.4	0.0	112.2
68.00		1.00	0.88	19.427	21.37	210.89	1.118	* 0.000	1.00	2.366	2.65	90.5	0.0	111.6
69.00		1.00	0.88	19.509	21.45	210.12	1.121	* 0.000	1.00	2.353	2.64	90.5	0.0	110.9
70.00	Bot - Section 3	1.00	0.89	19.589	21.54	209.33	1.123	* 0.000	1.00	2.339	2.63	90.6	0.0	110.3
71.00		1.00	0.89	19.589	21.54	209.33	1.124	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
72.00		1.00	0.89	19.669	21.63	208.54	1.126	* 0.000	1.00	2.368	2.67	92.3	0.0	199.0
73.00		1.00	0.90	19.747	21.72	207.74	1.128	* 0.000	1.00	2.355	2.66	92.4	0.0	197.9
73.50	Top - Section 2	1.00	0.90	19.825	21.80	206.93	1.131	* 0.000	1.00	2.342	2.65	92.4	0.0	196.8
74.00		1.00	0.90	19.864	21.85	206.52	1.133	* 0.000	0.50	1.167	1.32	46.2	0.0	98.0
75.00		1.00	0.90	19.902	21.89	210.01	1.126	* 0.000	0.50	1.162	1.31	45.8	0.0	43.9
76.00		1.00	0.91	19.979	21.97	209.19	1.128	* 0.000	1.00	2.315	2.61	91.8	0.0	87.4
77.00		1.00	0.91	20.055	22.06	208.36	1.130	* 0.000	1.00	2.301	2.60	91.8	0.0	86.9
78.00		1.00	0.91	20.130	22.14	207.52	1.133	* 0.000	1.00	2.288	2.59	91.8	0.0	86.3
79.00		1.00	0.92	20.204	22.22	206.67	1.135	* 0.000	1.00	2.274	2.58	91.8	0.0	85.8
80.00		1.00	0.92	20.278	22.30	205.81	1.138	* 0.000	1.00	2.261	2.57	91.8	0.0	85.3
81.00		1.00	0.92	20.351	22.38	204.94	1.141	* 0.000	1.00	2.247	2.56	91.8	0.0	84.8
82.00		1.00	0.93	20.423	22.46	204.07	1.143	* 0.000	1.00	2.234	2.55	91.8	0.0	84.3
83.00		1.00	0.93	20.495	22.54	203.19	1.146	* 0.000	1.00	2.220	2.54	91.8	0.0	83.8
84.00		1.00	0.93	20.566	22.62	202.30	1.149	* 0.000	1.00	2.207	2.53	91.7	0.0	83.3
85.00		1.00	0.94	20.636	22.70	201.40	1.151	* 0.000	1.00	2.193	2.53	91.7	0.0	82.7
86.00		1.00	0.94	20.706	22.77	200.49	1.154	* 0.000	1.00	2.180	2.52	91.7	0.0	82.2
87.00		1.00	0.94	20.776	22.85	199.58	1.157	* 0.000	1.00	2.166	2.51	91.6	0.0	81.7
88.00		1.00	0.95	20.844	22.92	198.65	1.160	* 0.000	1.00	2.153	2.50	91.6	0.0	81.2
89.00		1.00	0.95	20.913	23.00	197.72	1.163	* 0.000	1.00	2.139	2.49	91.5	0.0	80.7
90.00		1.00	0.95	20.980	23.07	196.79	1.166	* 0.000	1.00	2.126	2.48	91.5	0.0	80.2
91.00		1.00	0.95	21.047	23.15	195.85	1.169	* 0.000	1.00	2.112	2.47	91.4	0.0	79.6
92.00		1.00	0.96	21.114	23.22	194.89	1.172	* 0.000	1.00	2.099	2.46	91.4	0.0	79.1
93.00		1.00	0.96	21.180	23.29	193.94	1.175	* 0.000	1.00	2.085	2.45	91.3	0.0	78.6
94.00		1.00	0.96	21.245	23.37	192.97	1.178	* 0.000	1.00	2.071	2.44	91.2	0.0	78.1
95.00		1.00	0.97	21.310	23.44	192.00	1.181	* 0.000	1.00	2.058	2.43	91.2	0.0	77.6
96.00		1.00	0.97	21.375	23.51	191.03	1.184	* 0.000	1.00	2.044	2.42	91.1	0.0	77.1
97.00		1.00	0.97	21.439	23.58	190.04	1.187	* 0.000	1.00	2.031	2.41	91.0	0.0	76.6
98.00		1.00	0.98	21.503	23.65	189.05	1.191	* 0.000	1.00	2.017	2.40	90.9	0.0	76.0
99.00		1.00	0.98	21.566	23.72	188.06	1.194	* 0.000	1.00	2.004	2.39	90.8	0.0	75.5
100.0		1.00	0.98	21.628	23.79	187.06	1.197	* 0.000	1.00	1.990	2.38	90.7	0.0	75.0
101.0		1.00	0.98	21.690	23.86	186.05	1.201	* 0.000	1.00	1.977	2.37	90.6	0.0	74.5
102.0		1.00	0.99	21.752	23.92	185.03	1.204	* 0.000	1.00	1.963	2.36	90.5	0.0	74.0
103.0		1.00	0.99	21.814	23.99	184.01	1.208	* 0.000	1.00	1.950	2.35	90.4	0.0	73.5
		1.00	0.99	21.874	24.06	182.99	1.211	* 0.000	1.00	1.936	2.35	90.3	0.0	73.0

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

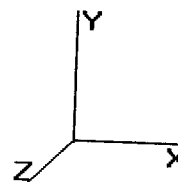
104.0		1.00	0.99	21.935	24.12	181.96	1.215	* 0.000	1.00	1.923	2.34	90.2	0.0	72.4
105.0		1.00	1.00	21.995	24.19	180.92	1.219	* 0.000	1.00	1.909	2.33	90.1	0.0	71.9
106.0		1.00	1.00	22.055	24.26	179.88	1.222	* 0.000	1.00	1.896	2.32	89.9	0.0	71.4
107.0		1.00	1.00	22.114	24.32	178.83	1.226	* 0.000	1.00	1.882	2.31	89.8	0.0	70.9
108.0		1.00	1.01	22.173	24.39	177.78	1.230	* 0.000	1.00	1.869	2.30	89.7	0.0	70.4
109.0		1.00	1.01	22.231	24.45	176.72	1.234	* 0.000	1.00	1.855	2.29	89.5	0.0	69.9
110.0		1.00	1.01	22.289	24.51	175.66	1.238	* 0.000	1.00	1.842	2.28	89.4	0.0	69.3
110.0	Top - Section 3	1.00	1.01	22.289	24.51	175.65	1.240	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
111.0		1.00	1.01	22.347	24.58	174.59	1.242	* 0.000	1.00	1.827	2.27	89.2	0.0	51.8
112.0		1.00	1.02	22.404	24.64	173.51	1.246	* 0.000	1.00	1.815	2.26	89.1	0.0	51.4
113.0		1.00	1.02	22.461	24.70	172.43	1.250	* 0.000	1.00	1.801	2.25	89.0	0.0	51.0
114.0		1.00	1.02	22.518	24.77	171.35	1.254	* 0.000	1.00	1.788	2.24	88.8	0.0	50.6
115.0		1.00	1.02	22.574	24.83	170.26	1.258	* 0.000	1.00	1.774	2.23	88.7	0.0	50.2
116.0		1.00	1.03	22.630	24.89	169.17	1.262	* 0.000	1.00	1.761	2.22	88.5	0.0	49.8
117.0		1.00	1.03	22.686	24.95	168.07	1.267	* 0.000	1.00	1.747	2.21	88.4	0.0	49.5
118.0		1.00	1.03	22.741	25.01	166.97	1.271	* 0.000	1.00	1.733	2.20	88.2	0.0	49.1
119.0		1.00	1.03	22.796	25.07	165.86	1.276	* 0.000	1.00	1.720	2.19	88.0	0.0	48.7
120.0	Appertunance(s)	1.00	1.04	22.850	25.13	164.75	1.280	* 0.000	1.00	1.706	2.18	87.9	0.0	48.3
121.0		1.00	1.04	22.905	25.19	163.63	1.285	* 0.000	1.00	1.693	2.18	87.7	0.0	47.9
122.0		1.00	1.04	22.959	25.25	162.51	1.289	* 0.000	1.00	1.679	2.17	87.5	0.0	47.5
123.0		1.00	1.04	23.012	25.31	161.38	1.294	* 0.000	1.00	1.666	2.16	87.3	0.0	47.1
124.0		1.00	1.05	23.065	25.37	160.25	1.299	* 0.000	1.00	1.652	2.15	87.1	0.0	46.8
125.0		1.00	1.05	23.118	25.43	159.12	1.200	* 0.000	1.00	1.639	1.97	80.0	0.0	46.4
126.0		1.00	1.05	23.171	25.48	157.98	1.200	* 0.000	1.00	1.625	1.95	79.5	0.0	46.0
127.0		1.00	1.05	23.223	25.54	156.84	1.200	* 0.000	1.00	1.612	1.93	79.1	0.0	45.6
128.0		1.00	1.06	23.276	25.60	155.69	1.200	* 0.000	1.00	1.598	1.92	78.6	0.0	45.2
129.0		1.00	1.06	23.327	25.66	154.54	1.200	* 0.000	1.00	1.585	1.90	78.1	0.0	44.8
130.0		1.00	1.06	23.379	25.71	153.39	1.200	* 0.000	1.00	1.571	1.89	77.6	0.0	44.4
131.0		1.00	1.06	23.430	25.77	152.23	1.200	* 0.000	1.00	1.558	1.87	77.1	0.0	44.1
132.0		1.00	1.07	23.481	25.82	151.06	1.200	* 0.000	1.00	1.544	1.85	76.6	0.0	43.7
133.0		1.00	1.07	23.532	25.88	149.90	1.200	* 0.000	1.00	1.531	1.84	76.1	0.0	43.3
134.0		1.00	1.07	23.582	25.94	148.73	1.200	* 0.000	1.00	1.517	1.82	75.6	0.0	42.9
135.0	Appertunance(s)	1.00	1.07	23.632	25.99	147.55	1.200	* 0.000	1.00	1.504	1.80	75.0	0.0	42.5
136.0		1.00	1.07	23.682	26.05	146.37	1.000	0.000	1.00	1.490	1.49	62.1	0.0	42.1
137.0		1.00	1.08	23.732	26.10	145.19	1.000	0.000	1.00	1.477	1.48	61.7	0.0	41.7
138.0		1.00	1.08	23.781	26.15	144.01	1.000	0.000	1.00	1.463	1.46	61.2	0.0	41.3
139.0		1.00	1.08	23.830	26.21	142.82	1.000	0.000	1.00	1.450	1.45	60.8	0.0	41.0
140.0		1.00	1.08	23.879	26.26	141.62	1.000	0.000	1.00	1.436	1.44	60.4	0.0	40.6
141.0		1.00	1.09	23.928	26.32	140.43	1.000	0.000	1.00	1.423	1.42	59.9	0.0	40.2
142.0		1.00	1.09	23.976	26.37	139.23	1.000	0.000	1.00	1.409	1.41	59.5	0.0	39.8
143.0		1.00	1.09	24.024	26.42	138.02	1.000	0.000	1.00	1.395	1.40	59.0	0.0	39.4
144.0	Appertunance(s)	1.00	1.09	24.072	26.47	136.81	1.000	0.000	1.00	1.382	1.38	58.5	0.0	39.0
145.0		1.00	1.09	24.120	26.53	135.60	1.000	0.000	1.00	1.368	1.37	58.1	0.0	38.6
146.0		1.00	1.10	24.167	26.58	134.39	1.000	0.000	1.00	1.355	1.35	57.6	0.0	38.3
147.0		1.00	1.10	24.214	26.63	133.17	1.000	0.000	1.00	1.341	1.34	57.2	0.0	37.9
148.0		1.00	1.10	24.261	26.68	131.95	1.000	0.000	1.00	1.328	1.33	56.7	0.0	37.5
149.0		1.00	1.10	24.308	26.73	130.72	1.000	0.000	1.00	1.314	1.31	56.2	0.0	37.1
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000	0.000	1.00	1.301	1.30	55.8	0.0	36.7
									Totals:	150.00		12,643.2	0.0	16,054.7

* = Cf Adjusted By Linear Load Ra Effect

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

40 Iterations

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

Wind Importance Factor : 1.00

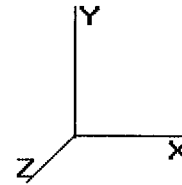
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
10.00	Channel Master Type	1	15.364	16.901	1.00	1.00	20.19	0.000	0.000	545.96	0.00	0.00	151.20
120.0	Side Arm	1	22.850	25.135	1.00	1.00	4.00	0.000	0.000	160.87	0.00	0.00	60.00
120.0	Telewave ANT450D6-9	1	23.010	25.311	1.00	1.00	4.30	0.000	2.958	174.14	0.00	515.15	21.60
135.0	Low Profile Platform	1	23.632	25.996	1.00	1.00	26.10	0.000	0.000	1,085.58	0.00	0.00	1,800.00
135.0	RFS APX16DWV-	3	23.632	25.996	0.53	0.80	9.63	0.000	0.000	400.57	0.00	0.00	142.56
135.0	RFS ATMAA1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	46.80
135.0	RFS ATMPP1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	43.20
144.0	RFS APXV18-206517S-	3	24.072	26.479	0.54	0.80	8.42	0.000	0.000	356.78	0.00	0.00	95.04
150.0	12' Omni	1	24.629	27.092	0.75	0.75	2.70	0.000	6.000	117.04	0.00	702.22	30.00
150.0	6' Yagi	1	24.355	26.790	0.75	0.75	4.50	0.000	0.000	192.89	0.00	0.00	24.00
150.0	Andrew ABT-DMDF-	1	24.355	26.790	0.25	0.75	0.01	0.000	0.000	0.53	0.00	0.00	1.32
150.0	Ericsson RRUS 11	6	24.355	26.790	0.25	0.75	3.82	0.000	0.000	163.59	0.00	0.00	360.00
150.0	Flat Platform w/ Han	1	24.355	26.790	0.95	1.00	40.28	0.000	0.000	1,726.56	0.00	0.00	2,400.00
150.0	Powerwave 7770.00A	6	24.355	26.790	0.57	0.75	19.02	0.000	0.000	815.07	0.00	0.00	252.00
150.0	Powerwave P65-17-	3	24.355	26.790	0.50	0.75	17.28	0.000	0.000	740.52	0.00	0.00	212.40
150.0	Powerwave TT19-	6	24.355	26.790	0.25	0.75	0.82	0.000	0.000	35.01	0.00	0.00	115.20
150.0	Telewave ANT450D6-9	1	24.491	26.940	0.75	0.75	3.23	0.000	2.958	139.01	0.00	411.23	21.60
										6,731.19			5,776.92

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 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: 1.2D + 1.6W 95.00 mph with No Ice 40 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)

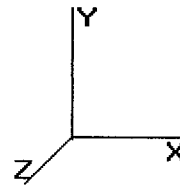
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.103	1.008	0.00	11.81
2.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.103	1.009	0.00	11.81
3.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.103	1.010	0.00	11.81
4.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.104	1.012	0.00	11.81
5.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.104	1.013	0.00	11.81
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.105	1.014	0.00	11.81
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.105	1.016	0.00	11.81
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.106	1.017	0.00	11.81
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.106	1.018	0.00	11.81
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.107	1.020	0.00	11.81
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.107	1.021	0.00	11.81
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.108	1.023	0.00	11.81
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.108	1.024	0.00	11.81
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.108	1.025	0.00	11.81
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.109	1.027	0.00	11.81
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.109	1.028	0.00	11.81
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.110	1.030	0.00	11.81
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.110	1.031	0.00	11.81
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.111	1.033	0.00	11.81
20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.111	1.034	0.00	11.81
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.112	1.036	0.00	11.81
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.112	1.037	0.00	11.81
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.113	1.039	0.00	11.81
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.114	1.041	0.00	11.81
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.114	1.042	0.00	11.81
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.115	1.044	0.00	11.81
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.115	1.045	0.00	11.81
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.116	1.047	0.00	11.81
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.116	1.049	0.00	11.81
30.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.377	0.117	1.050	0.00	11.81
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.522	0.117	1.052	0.00	11.81
31.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	15.593	0.118	1.053	0.00	5.91
32.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.16	0.00	15.663	0.118	1.054	0.00	5.90
33.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.802	0.118	1.055	0.00	11.81
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.937	0.119	1.057	0.00	11.81
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.070	0.120	1.059	0.00	11.81
35.67	(12) 1 5/8" Coax	Yes	0.67	0.000	3.96	0.22	0.00	16.156	0.120	1.060	0.00	7.87
36.00	(12) 1 5/8" Coax	Yes	0.33	0.000	3.96	0.11	0.00	16.199	0.118	1.054	0.00	3.93
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.327	0.118	1.055	0.00	11.81
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.452	0.119	1.057	0.00	11.81
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.574	0.120	1.059	0.00	11.81
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.694	0.120	1.061	0.00	11.81
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.813	0.121	1.062	0.00	11.81
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.929	0.121	1.064	0.00	11.81
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.043	0.122	1.066	0.00	11.81
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.155	0.123	1.068	0.00	11.81
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.266	0.123	1.070	0.00	11.81
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.375	0.124	1.072	0.00	11.81
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.482	0.125	1.074	0.00	11.81
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.587	0.125	1.075	0.00	11.81
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.691	0.126	1.077	0.00	11.81

Pole : 302488
 Location : Crtn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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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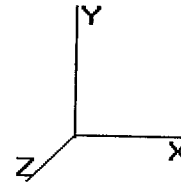
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	40 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.793	0.126	1.079	0.00	11.81
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.894	0.127	1.081	0.00	11.81
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.994	0.128	1.083	0.00	11.81
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.092	0.128	1.085	0.00	11.81
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.189	0.129	1.087	0.00	11.81
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.285	0.130	1.089	0.00	11.81
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.379	0.131	1.092	0.00	11.81
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.472	0.131	1.094	0.00	11.81
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.564	0.132	1.096	0.00	11.81
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.655	0.133	1.098	0.00	11.81
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.745	0.133	1.100	0.00	11.81
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.834	0.134	1.102	0.00	11.81
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.921	0.135	1.105	0.00	11.81
63.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.008	0.136	1.107	0.00	11.81
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.094	0.136	1.109	0.00	11.81
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.179	0.137	1.111	0.00	11.81
66.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.262	0.138	1.114	0.00	11.81
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.345	0.139	1.116	0.00	11.81
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.427	0.139	1.118	0.00	11.81
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.509	0.140	1.121	0.00	11.81
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.589	0.141	1.123	0.00	11.81
70.00	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	19.589	0.141	1.124	0.00	0.00
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.669	0.142	1.126	0.00	11.80
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.747	0.143	1.128	0.00	11.81
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.825	0.144	1.131	0.00	11.81
73.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	19.864	0.144	1.133	0.00	5.91
74.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.16	0.00	19.902	0.142	1.126	0.00	5.90
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.979	0.143	1.128	0.00	11.81
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.055	0.143	1.130	0.00	11.81
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.130	0.144	1.133	0.00	11.81
78.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.204	0.145	1.135	0.00	11.81
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.278	0.146	1.138	0.00	11.81
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.351	0.147	1.141	0.00	11.81
81.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.423	0.148	1.143	0.00	11.81
82.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.495	0.149	1.146	0.00	11.81
83.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.566	0.150	1.149	0.00	11.81
84.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.636	0.150	1.151	0.00	11.81
85.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.706	0.151	1.154	0.00	11.81
86.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.776	0.152	1.157	0.00	11.81
87.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.844	0.153	1.160	0.00	11.81
88.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.913	0.154	1.163	0.00	11.81
89.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.980	0.155	1.166	0.00	11.81
90.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.047	0.156	1.169	0.00	11.81
91.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.114	0.157	1.172	0.00	11.81
92.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.180	0.158	1.175	0.00	11.81
93.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.245	0.159	1.178	0.00	11.81
94.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.310	0.160	1.181	0.00	11.81
95.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.375	0.161	1.184	0.00	11.81
96.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.439	0.162	1.187	0.00	11.81
97.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.503	0.164	1.191	0.00	11.81
98.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.566	0.165	1.194	0.00	11.81
99.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.628	0.166	1.197	0.00	11.81
100.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.690	0.167	1.201	0.00	11.81
101.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.752	0.168	1.204	0.00	11.81
102.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.814	0.169	1.208	0.00	11.81
103.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.874	0.170	1.211	0.00	11.81
104.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.935	0.172	1.215	0.00	11.81

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

40 Iterations

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

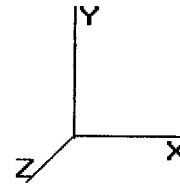
Wind Importance Factor : 1.00

105.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.995	0.173	1.219	0.00	11.81
106.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.055	0.174	1.222	0.00	11.81
107.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.114	0.175	1.226	0.00	11.81
108.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.173	0.177	1.230	0.00	11.81
109.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.231	0.178	1.234	0.00	11.81
110.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.289	0.179	1.238	0.00	11.81
110.0	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	22.289	0.180	1.240	0.00	0.00
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.347	0.181	1.242	0.00	11.80
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.404	0.182	1.246	0.00	11.81
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.461	0.183	1.250	0.00	11.81
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.518	0.185	1.254	0.00	11.81
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.574	0.186	1.258	0.00	11.81
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.630	0.187	1.262	0.00	11.81
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.686	0.189	1.267	0.00	11.81
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.741	0.190	1.271	0.00	11.81
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.796	0.192	1.276	0.00	11.81
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.850	0.193	1.280	0.00	11.81
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.905	0.195	1.285	0.00	11.81
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.959	0.196	1.289	0.00	11.81
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	23.012	0.198	1.294	0.00	11.81
124.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	23.065	0.200	1.299	0.00	11.81
125.0	(12) 1 5/8" Coax	Yes	1.00	1.193	3.96	0.33	0.39	23.118	0.201	0.000	16.03	11.81
126.0	(12) 1 5/8" Coax	Yes	1.00	1.192	3.96	0.33	0.39	23.171	0.203	0.000	16.04	11.81
127.0	(12) 1 5/8" Coax	Yes	1.00	1.191	3.96	0.33	0.39	23.223	0.205	0.000	16.06	11.81
128.0	(12) 1 5/8" Coax	Yes	1.00	1.189	3.96	0.33	0.39	23.276	0.206	0.000	16.08	11.81
129.0	(12) 1 5/8" Coax	Yes	1.00	1.188	3.96	0.33	0.39	23.327	0.208	0.000	16.10	11.81
130.0	(12) 1 5/8" Coax	Yes	1.00	1.187	3.96	0.33	0.39	23.379	0.210	0.000	16.12	11.81
131.0	(12) 1 5/8" Coax	Yes	1.00	1.186	3.96	0.33	0.39	23.430	0.212	0.000	16.13	11.81
132.0	(12) 1 5/8" Coax	Yes	1.00	1.184	3.96	0.33	0.39	23.481	0.214	0.000	16.15	11.81
133.0	(12) 1 5/8" Coax	Yes	1.00	1.183	3.96	0.33	0.39	23.532	0.216	0.000	16.17	11.81
134.0	(12) 1 5/8" Coax	Yes	1.00	1.182	3.96	0.33	0.39	23.582	0.218	0.000	16.19	11.81
135.0	(12) 1 5/8" Coax	Yes	1.00	1.180	3.96	0.33	0.39	23.632	0.219	0.000	16.20	11.81
Totals:											177.26	1,593.89

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 40 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

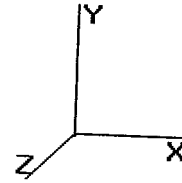
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	87.69	214.48	0.00	0.00
2.00	87.43	213.71	0.00	0.00
3.00	87.17	212.94	0.00	0.00
4.00	86.92	212.16	0.00	0.00
5.00	86.66	211.39	0.00	0.00
6.00	86.41	210.62	0.00	0.00
7.00	86.15	209.84	0.00	0.00
8.00	85.89	209.07	0.00	0.00
9.00	85.64	208.30	0.00	0.00
10.00	631.34	358.73	0.00	0.00
11.00	85.13	206.72	0.00	0.00
12.00	84.87	205.95	0.00	0.00
13.00	84.61	205.17	0.00	0.00
14.00	84.36	204.40	0.00	0.00
15.00	84.10	203.63	0.00	0.00
16.00	83.85	202.85	0.00	0.00
17.00	83.59	202.08	0.00	0.00
18.00	83.33	201.31	0.00	0.00
19.00	83.08	200.54	0.00	0.00
20.00	82.82	199.76	0.00	0.00
21.00	82.57	198.99	0.00	0.00
22.00	82.31	198.22	0.00	0.00
23.00	82.06	197.45	0.00	0.00
24.00	81.80	196.67	0.00	0.00
25.00	81.54	195.90	0.00	0.00
26.00	81.29	195.13	0.00	0.00
27.00	81.03	194.36	0.00	0.00
28.00	80.78	193.58	0.00	0.00
29.00	80.52	192.81	0.00	0.00
30.00	80.33	192.04	0.00	0.00
31.00	80.83	191.26	0.00	0.00
31.50	40.53	95.41	0.00	0.00
32.00	41.38	162.36	0.00	0.00
33.00	83.34	323.88	0.00	0.00
34.00	83.80	322.46	0.00	0.00
35.00	84.23	321.05	0.00	0.00
35.67	56.34	213.35	0.00	0.00
36.00	27.97	54.74	0.00	0.00
37.00	84.48	163.96	0.00	0.00
38.00	84.85	163.31	0.00	0.00
39.00	85.20	162.67	0.00	0.00
40.00	85.54	162.02	0.00	0.00
41.00	85.87	161.38	0.00	0.00
42.00	86.18	160.73	0.00	0.00
43.00	86.48	160.09	0.00	0.00
44.00	86.76	159.44	0.00	0.00
45.00	87.03	158.80	0.00	0.00
46.00	87.29	158.15	0.00	0.00
47.00	87.54	157.51	0.00	0.00

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

40 Iterations

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

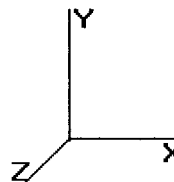
Wind Importance Factor : 1.00

48.00				
49.00	87.77	156.86	0.00	0.00
50.00	88.00	156.22	0.00	0.00
51.00	88.21	155.57	0.00	0.00
52.00	88.41	154.93	0.00	0.00
53.00	88.61	154.28	0.00	0.00
54.00	88.79	153.64	0.00	0.00
55.00	88.96	152.99	0.00	0.00
56.00	89.12	152.35	0.00	0.00
57.00	89.28	151.70	0.00	0.00
58.00	89.42	151.06	0.00	0.00
59.00	89.56	150.41	0.00	0.00
60.00	89.69	149.77	0.00	0.00
61.00	89.81	149.12	0.00	0.00
62.00	89.92	148.48	0.00	0.00
63.00	90.02	147.83	0.00	0.00
64.00	90.12	147.19	0.00	0.00
65.00	90.21	146.54	0.00	0.00
66.00	90.29	145.90	0.00	0.00
67.00	90.36	145.25	0.00	0.00
68.00	90.43	144.61	0.00	0.00
69.00	90.49	143.96	0.00	0.00
70.00	90.54	143.32	0.00	0.00
70.00	90.59	142.67	0.00	0.00
71.00	0.03	0.05	0.00	0.00
72.00	92.28	231.39	0.00	0.00
73.00	92.35	230.30	0.00	0.00
73.50	92.39	229.14	0.00	0.00
74.00	46.19	114.21	0.00	0.00
75.00	45.81	60.03	0.00	0.00
76.00	91.79	119.75	0.00	0.00
77.00	91.80	119.23	0.00	0.00
78.00	91.81	118.72	0.00	0.00
79.00	91.81	118.20	0.00	0.00
80.00	91.81	117.69	0.00	0.00
81.00	91.80	117.17	0.00	0.00
82.00	91.79	116.66	0.00	0.00
83.00	91.77	116.14	0.00	0.00
84.00	91.74	115.63	0.00	0.00
85.00	91.72	115.11	0.00	0.00
86.00	91.68	114.60	0.00	0.00
87.00	91.64	114.08	0.00	0.00
88.00	91.60	113.57	0.00	0.00
89.00	91.55	113.05	0.00	0.00
90.00	91.50	112.54	0.00	0.00
91.00	91.44	112.02	0.00	0.00
92.00	91.38	111.51	0.00	0.00
93.00	91.31	110.99	0.00	0.00
94.00	91.24	110.48	0.00	0.00
95.00	91.16	109.96	0.00	0.00
96.00	91.08	109.45	0.00	0.00
97.00	91.00	108.93	0.00	0.00
98.00	90.91	108.42	0.00	0.00
99.00	90.82	107.90	0.00	0.00
100.0	90.72	107.39	0.00	0.00
101.0	90.62	106.87	0.00	0.00
102.0	90.52	106.36	0.00	0.00
	90.41	105.84	0.00	0.00

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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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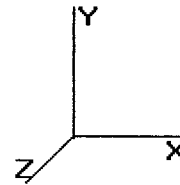
Load Case: 1.2D + 1.6W 95.00 mph with No Ice 40 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

103.0	90.30	105.33	0.00	0.00
104.0	90.18	104.81	0.00	0.00
105.0	90.06	104.29	0.00	0.00
106.0	89.94	103.78	0.00	0.00
107.0	89.81	103.26	0.00	0.00
108.0	89.68	102.75	0.00	0.00
109.0	89.55	102.23	0.00	0.00
110.0	89.41	101.72	0.00	0.00
110.0	0.03	0.03	0.00	0.00
111.0	89.24	84.12	0.00	0.00
112.0	89.12	83.76	0.00	0.00
113.0	88.98	83.38	0.00	0.00
114.0	88.83	82.99	0.00	0.00
115.0	88.67	82.61	0.00	0.00
116.0	88.51	82.22	0.00	0.00
117.0	88.35	81.83	0.00	0.00
118.0	88.19	81.45	0.00	0.00
119.0	88.02	81.06	0.00	0.00
120.0	422.86	162.27	0.00	515.15
121.0	87.68	79.89	0.00	0.00
122.0	87.50	79.50	0.00	0.00
123.0	87.33	79.12	0.00	0.00
124.0	87.14	78.73	0.00	0.00
125.0	96.04	78.35	0.00	0.00
126.0	95.58	77.96	0.00	0.00
127.0	95.12	77.57	0.00	0.00
128.0	94.65	77.19	0.00	0.00
129.0	94.17	76.80	0.00	0.00
130.0	93.70	76.41	0.00	0.00
131.0	93.22	76.03	0.00	0.00
132.0	92.73	75.64	0.00	0.00
133.0	92.24	75.26	0.00	0.00
134.0	91.75	74.87	0.00	0.00
135.0	1,654.48	2,107.04	0.00	0.00
136.0	62.11	62.29	0.00	0.00
137.0	61.67	61.90	0.00	0.00
138.0	61.24	61.52	0.00	0.00
139.0	60.80	61.13	0.00	0.00
140.0	60.35	60.74	0.00	0.00
141.0	59.91	60.36	0.00	0.00
142.0	59.46	59.97	0.00	0.00
143.0	59.01	59.59	0.00	0.00
144.0	415.33	154.24	0.00	0.00
145.0	58.09	52.91	0.00	0.00
146.0	57.63	52.52	0.00	0.00
147.0	57.17	52.14	0.00	0.00
148.0	56.70	51.75	0.00	0.00
149.0	56.23	51.36	0.00	0.00
150.0	3,985.97	3,467.50	0.00	1,113.46
Totals:	19,551.66	26,463.57	0.00	1,628.61

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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Code: ANSI/TIA-222 Rev G
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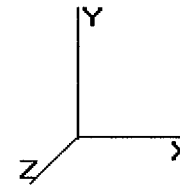
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	40 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-26.45	-19.57	0.00	-2,004.88	0.00	2,004.88	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.859
1.00	-26.21	-19.51	0.00	-1,985.32	0.00	1,985.32	3,125.28	1,562.64	4,743.31	2,342.54	0.01	-0.07	0.856
2.00	-25.97	-19.46	0.00	-1,965.81	0.00	1,965.81	3,116.86	1,558.43	4,710.21	2,326.19	0.03	-0.15	0.854
3.00	-25.74	-19.40	0.00	-1,946.35	0.00	1,946.35	3,108.40	1,554.20	4,677.15	2,309.87	0.07	-0.22	0.851
4.00	-25.50	-19.35	0.00	-1,926.95	0.00	1,926.95	3,099.89	1,549.95	4,644.15	2,293.57	0.12	-0.29	0.849
5.00	-25.26	-19.29	0.00	-1,907.60	0.00	1,907.60	3,091.34	1,545.67	4,611.19	2,277.29	0.19	-0.37	0.846
6.00	-25.03	-19.24	0.00	-1,888.31	0.00	1,888.31	3,082.76	1,541.38	4,578.28	2,261.04	0.28	-0.44	0.843
7.00	-24.79	-19.18	0.00	-1,869.08	0.00	1,869.08	3,074.13	1,537.06	4,545.42	2,244.81	0.38	-0.51	0.841
8.00	-24.56	-19.12	0.00	-1,849.90	0.00	1,849.90	3,065.46	1,532.73	4,512.62	2,228.61	0.49	-0.59	0.838
9.00	-24.33	-19.07	0.00	-1,830.77	0.00	1,830.77	3,056.74	1,528.37	4,479.86	2,212.44	0.62	-0.66	0.836
10.00	-23.95	-18.46	0.00	-1,811.70	0.00	1,811.70	3,047.99	1,523.99	4,447.16	2,196.29	0.77	-0.74	0.833
11.00	-23.72	-18.41	0.00	-1,793.24	0.00	1,793.24	3,039.19	1,519.60	4,414.51	2,180.16	0.93	-0.81	0.830
12.00	-23.50	-18.35	0.00	-1,774.84	0.00	1,774.84	3,030.36	1,515.18	4,381.92	2,164.07	1.11	-0.89	0.828
13.00	-23.27	-18.29	0.00	-1,756.49	0.00	1,756.49	3,021.48	1,510.74	4,349.38	2,148.00	1.31	-0.96	0.826
14.00	-23.04	-18.23	0.00	-1,738.20	0.00	1,738.20	3,012.56	1,506.28	4,316.90	2,131.96	1.51	-1.04	0.823
15.00	-22.82	-18.18	0.00	-1,719.96	0.00	1,719.96	3,003.59	1,501.80	4,284.48	2,115.94	1.74	-1.11	0.821
16.00	-22.59	-18.12	0.00	-1,701.79	0.00	1,701.79	2,994.59	1,497.30	4,252.11	2,099.96	1.98	-1.19	0.818
17.00	-22.37	-18.06	0.00	-1,683.67	0.00	1,683.67	2,985.55	1,492.77	4,219.80	2,084.00	2.24	-1.26	0.816
18.00	-22.14	-18.00	0.00	-1,665.61	0.00	1,665.61	2,976.46	1,488.23	4,187.55	2,068.08	2.51	-1.34	0.813
19.00	-21.92	-17.94	0.00	-1,647.60	0.00	1,647.60	2,967.33	1,483.66	4,155.37	2,052.18	2.80	-1.42	0.810
20.00	-21.70	-17.89	0.00	-1,629.66	0.00	1,629.66	2,958.16	1,479.08	4,123.24	2,036.31	3.11	-1.49	0.808
21.00	-21.48	-17.83	0.00	-1,611.78	0.00	1,611.78	2,948.95	1,474.47	4,091.17	2,020.48	3.43	-1.57	0.805
22.00	-21.26	-17.77	0.00	-1,593.95	0.00	1,593.95	2,939.69	1,469.85	4,059.17	2,004.67	3.76	-1.65	0.802
23.00	-21.04	-17.71	0.00	-1,576.18	0.00	1,576.18	2,930.40	1,465.20	4,027.23	1,988.90	4.12	-1.73	0.800
24.00	-20.82	-17.65	0.00	-1,558.48	0.00	1,558.48	2,921.06	1,460.53	3,995.36	1,973.16	4.49	-1.80	0.797
25.00	-20.60	-17.59	0.00	-1,540.83	0.00	1,540.83	2,911.68	1,455.84	3,963.55	1,957.45	4.87	-1.88	0.794
26.00	-20.39	-17.53	0.00	-1,523.24	0.00	1,523.24	2,902.26	1,451.13	3,931.80	1,941.77	5.28	-1.96	0.792
27.00	-20.17	-17.47	0.00	-1,505.71	0.00	1,505.71	2,892.80	1,446.40	3,900.13	1,926.13	5.70	-2.04	0.789
28.00	-19.96	-17.41	0.00	-1,488.25	0.00	1,488.25	2,883.30	1,441.65	3,868.52	1,910.51	6.13	-2.12	0.786
29.00	-19.74	-17.35	0.00	-1,470.84	0.00	1,470.84	2,873.76	1,436.88	3,836.98	1,894.94	6.58	-2.19	0.783
30.00	-19.53	-17.29	0.00	-1,453.49	0.00	1,453.49	2,864.17	1,432.08	3,805.50	1,879.40	7.05	-2.27	0.780
31.00	-19.33	-17.22	0.00	-1,436.20	0.00	1,436.20	2,854.54	1,427.27	3,774.10	1,863.89	7.54	-2.35	0.777
31.50	-19.22	-17.19	0.00	-1,427.59	0.00	1,427.59	2,849.71	1,424.85	3,758.42	1,856.14	7.78	-2.39	0.776
32.00	-19.04	-17.16	0.00	-1,419.00	0.00	1,419.00	2,844.87	1,422.44	3,742.77	1,848.41	8.04	-2.43	0.775
33.00	-18.70	-17.09	0.00	-1,401.84	0.00	1,401.84	2,833.35	1,416.67	3,709.14	1,831.80	8.55	-2.51	0.772
34.00	-18.36	-17.01	0.00	-1,384.76	0.00	1,384.76	2,819.40	1,409.70	3,672.50	1,813.71	9.09	-2.59	0.770
35.00	-18.02	-16.94	0.00	-1,367.74	0.00	1,367.74	2,805.45	1,402.73	3,636.04	1,795.70	9.64	-2.67	0.768
35.67	-17.80	-16.88	0.00	-1,356.45	0.00	1,356.45	2,236.05	1,118.02	2,957.98	1,460.83	10.02	-2.72	0.937
36.00	-17.73	-16.87	0.00	-1,350.82	0.00	1,350.82	2,233.83	1,116.91	2,950.20	1,456.99	10.21	-2.75	0.935
37.00	-17.54	-16.81	0.00	-1,333.95	0.00	1,333.95	2,227.14	1,113.57	2,926.84	1,445.46	10.79	-2.84	0.931
38.00	-17.36	-16.74	0.00	-1,317.15	0.00	1,317.15	2,220.41	1,110.20	2,903.52	1,433.94	11.40	-2.93	0.927
39.00	-17.17	-16.67	0.00	-1,300.41	0.00	1,300.41	2,213.64	1,106.82	2,880.23	1,422.44	12.02	-3.02	0.922
40.00	-16.99	-16.61	0.00	-1,283.73	0.00	1,283.73	2,206.82	1,103.41	2,856.98	1,410.96	12.67	-3.11	0.918
41.00	-16.81	-16.54	0.00	-1,267.13	0.00	1,267.13	2,199.97	1,099.98	2,833.76	1,399.49	13.33	-3.20	0.913
42.00	-16.62	-16.47	0.00	-1,250.59	0.00	1,250.59	2,193.07	1,096.54	2,810.58	1,388.04	14.01	-3.30	0.909
43.00	-16.44	-16.40	0.00	-1,234.12	0.00	1,234.12	2,186.13	1,093.07	2,787.44	1,376.61	14.71	-3.39	0.904
44.00	-16.26	-16.33	0.00	-1,217.72	0.00	1,217.72	2,179.15	1,089.58	2,764.33	1,365.20	15.43	-3.48	0.900
45.00	-16.08	-16.26	0.00	-1,201.39	0.00	1,201.39	2,172.13	1,086.07	2,741.26	1,353.81	16.16	-3.57	0.895
46.00	-15.91	-16.19	0.00	-1,185.13	0.00	1,185.13	2,165.07	1,082.54	2,718.23	1,342.43	16.92	-3.66	0.890
47.00	-15.73	-16.12	0.00	-1,168.94	0.00	1,168.94	2,157.97	1,078.98	2,695.24	1,331.08	17.70	-3.75	0.886
48.00	-15.55	-16.04	0.00	-1,152.82	0.00	1,152.82	2,150.82	1,075.41	2,672.30	1,319.75	18.49	-3.85	0.881

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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** **40 Iterations**

Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**

Dead Load Factor : 1.20

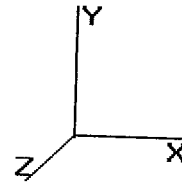
Wind Load Factor : 1.60

49.00	-15.38	-15.97	0.00	-1,136.78	0.00	1,136.78	2,143.63	1,071.82	2,649.39	1,308.43	19.31	-3.94	0.876
50.00	-15.20	-15.90	0.00	-1,120.81	0.00	1,120.81	2,136.40	1,068.20	2,626.53	1,297.14	20.14	-4.03	0.871
51.00	-15.03	-15.82	0.00	-1,104.92	0.00	1,104.92	2,129.13	1,064.57	2,603.71	1,285.87	21.00	-4.12	0.867
52.00	-14.85	-15.74	0.00	-1,089.10	0.00	1,089.10	2,121.82	1,060.91	2,580.93	1,274.63	21.87	-4.21	0.862
53.00	-14.68	-15.67	0.00	-1,073.35	0.00	1,073.35	2,114.46	1,057.23	2,558.20	1,263.40	22.76	-4.31	0.857
54.00	-14.51	-15.59	0.00	-1,057.68	0.00	1,057.68	2,107.07	1,053.53	2,535.52	1,252.20	23.67	-4.40	0.852
55.00	-14.34	-15.51	0.00	-1,042.09	0.00	1,042.09	2,099.63	1,049.82	2,512.88	1,241.02	24.60	-4.49	0.847
56.00	-14.17	-15.44	0.00	-1,026.58	0.00	1,026.58	2,092.15	1,046.08	2,490.29	1,229.86	25.55	-4.59	0.842
57.00	-14.00	-15.36	0.00	-1,011.14	0.00	1,011.14	2,084.63	1,042.32	2,467.74	1,218.73	26.52	-4.68	0.837
58.00	-13.84	-15.28	0.00	-995.78	0.00	995.78	2,077.07	1,038.53	2,445.25	1,207.62	27.51	-4.77	0.831
59.00	-13.67	-15.20	0.00	-980.50	0.00	980.50	2,069.47	1,034.73	2,422.81	1,196.53	28.52	-4.87	0.826
60.00	-13.50	-15.12	0.00	-965.30	0.00	965.30	2,061.82	1,030.91	2,400.42	1,185.47	29.55	-4.96	0.821
61.00	-13.34	-15.04	0.00	-950.19	0.00	950.19	2,054.13	1,027.07	2,378.07	1,174.44	30.60	-5.05	0.816
62.00	-13.18	-14.96	0.00	-935.15	0.00	935.15	2,046.40	1,023.20	2,355.79	1,163.43	31.66	-5.15	0.810
63.00	-13.01	-14.88	0.00	-920.19	0.00	920.19	2,038.63	1,019.32	2,333.55	1,152.45	32.75	-5.24	0.805
64.00	-12.85	-14.79	0.00	-905.32	0.00	905.32	2,030.82	1,015.41	2,311.37	1,141.50	33.86	-5.33	0.800
65.00	-12.69	-14.71	0.00	-890.52	0.00	890.52	2,022.97	1,011.48	2,289.24	1,130.57	34.98	-5.43	0.794
66.00	-12.53	-14.63	0.00	-875.81	0.00	875.81	2,015.07	1,007.54	2,267.17	1,119.67	36.13	-5.52	0.789
67.00	-12.37	-14.54	0.00	-861.18	0.00	861.18	2,007.14	1,003.57	2,245.16	1,108.80	37.29	-5.62	0.783
68.00	-12.21	-14.46	0.00	-846.64	0.00	846.64	1,999.16	999.58	2,223.20	1,097.95	38.48	-5.71	0.777
69.00	-12.06	-14.37	0.00	-832.18	0.00	832.18	1,991.14	995.57	2,201.30	1,087.14	39.68	-5.80	0.772
70.00	-11.91	-14.28	0.00	-817.81	0.00	817.81	1,983.08	991.54	2,179.46	1,076.35	40.91	-5.90	0.766
70.00	-11.90	-14.29	0.00	-817.80	0.00	817.80	1,983.08	991.54	2,179.45	1,076.35	40.91	-5.90	0.766
71.00	-11.66	-14.19	0.00	-803.52	0.00	803.52	1,973.63	986.81	2,156.21	1,064.87	42.15	-5.99	0.761
72.00	-11.41	-14.10	0.00	-789.33	0.00	789.33	1,961.99	980.99	2,130.70	1,052.27	43.41	-6.09	0.756
73.00	-11.18	-13.99	0.00	-775.23	0.00	775.23	1,950.35	975.17	2,105.34	1,039.75	44.70	-6.18	0.752
73.50	-11.06	-13.94	0.00	-768.23	0.00	768.23	1,462.66	731.33	1,612.13	796.17	45.34	-6.23	0.973
74.00	-10.99	-13.91	0.00	-761.26	0.00	761.26	1,460.14	730.07	1,604.61	792.45	46.00	-6.27	0.969
75.00	-10.85	-13.82	0.00	-747.36	0.00	747.36	1,455.07	727.54	1,589.55	785.02	47.32	-6.38	0.960
76.00	-10.72	-13.74	0.00	-733.53	0.00	733.53	1,449.97	724.98	1,574.52	777.60	48.67	-6.49	0.951
77.00	-10.58	-13.66	0.00	-719.79	0.00	719.79	1,444.82	722.41	1,559.51	770.18	50.04	-6.60	0.942
78.00	-10.45	-13.57	0.00	-706.14	0.00	706.14	1,439.63	719.81	1,544.52	762.78	51.43	-6.71	0.933
79.00	-10.32	-13.48	0.00	-692.57	0.00	692.57	1,434.40	717.20	1,529.56	755.39	52.84	-6.82	0.924
80.00	-10.19	-13.40	0.00	-679.09	0.00	679.09	1,429.12	714.56	1,514.62	748.01	54.28	-6.93	0.915
81.00	-10.06	-13.31	0.00	-665.69	0.00	665.69	1,423.81	711.90	1,499.70	740.65	55.74	-7.04	0.906
82.00	-9.93	-13.23	0.00	-652.37	0.00	652.37	1,418.45	709.23	1,484.81	733.29	57.22	-7.15	0.897
83.00	-9.80	-13.14	0.00	-639.15	0.00	639.15	1,413.05	706.53	1,469.95	725.95	58.73	-7.26	0.888
84.00	-9.67	-13.05	0.00	-626.01	0.00	626.01	1,407.61	703.81	1,455.11	718.63	60.26	-7.37	0.878
85.00	-9.55	-12.97	0.00	-612.96	0.00	612.96	1,402.13	701.07	1,440.30	711.31	61.81	-7.48	0.869
86.00	-9.42	-12.88	0.00	-599.99	0.00	599.99	1,396.61	698.31	1,425.53	704.01	63.38	-7.59	0.859
87.00	-9.30	-12.79	0.00	-587.11	0.00	587.11	1,391.05	695.52	1,410.78	696.73	64.98	-7.69	0.850
88.00	-9.17	-12.70	0.00	-574.33	0.00	574.33	1,385.44	692.72	1,396.06	689.46	66.60	-7.80	0.840
89.00	-9.05	-12.61	0.00	-561.63	0.00	561.63	1,379.79	689.90	1,381.37	682.21	68.24	-7.91	0.830
90.00	-8.93	-12.52	0.00	-549.02	0.00	549.02	1,374.10	687.05	1,366.72	674.97	69.90	-8.02	0.820
91.00	-8.81	-12.43	0.00	-536.49	0.00	536.49	1,368.37	684.19	1,352.10	667.75	71.59	-8.12	0.810
92.00	-8.69	-12.34	0.00	-524.06	0.00	524.06	1,362.60	681.30	1,337.51	660.55	73.30	-8.23	0.800
93.00	-8.57	-12.25	0.00	-511.72	0.00	511.72	1,356.79	678.39	1,322.96	653.36	75.02	-8.34	0.790
94.00	-8.45	-12.16	0.00	-499.47	0.00	499.47	1,350.93	675.46	1,308.44	646.19	76.78	-8.44	0.780
95.00	-8.33	-12.07	0.00	-487.31	0.00	487.31	1,345.03	672.52	1,293.96	639.04	78.55	-8.55	0.769
96.00	-8.22	-11.98	0.00	-475.24	0.00	475.24	1,339.09	669.55	1,279.52	631.90	80.34	-8.65	0.759
97.00	-8.10	-11.89	0.00	-463.26	0.00	463.26	1,333.11	666.56	1,265.11	624.79	82.16	-8.75	0.748
98.00	-7.99	-11.80	0.00	-451.38	0.00	451.38	1,327.09	663.55	1,250.74	617.69	84.00	-8.86	0.737
99.00	-7.88	-11.70	0.00	-439.58	0.00	439.58	1,321.03	660.51	1,236.42	610.62	85.86	-8.96	0.726
100.00	-7.76	-11.61	0.00	-427.88	0.00	427.88	1,314.92	657.46	1,222.13	603.56	87.74	-9.06	0.715
101.00	-7.65	-11.52	0.00	-416.27	0.00	416.27	1,308.77	654.39	1,207.88	596.53	89.64	-9.16	0.704
102.00	-7.54	-11.42	0.00	-404.75	0.00	404.75	1,302.59	651.29	1,193.68	589.51	91.56	-9.26	0.693
103.00	-7.43	-11.33	0.00	-393.33	0.00	393.33	1,296.36	648.18	1,179.52	582.52	93.50	-9.36	0.681

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

40 Iterations

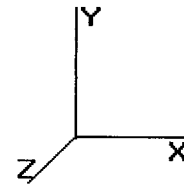
Gust Response Factor : 1.10
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

Wind Importance Factor : 1.00

104.00	-7.33	-11.24	0.00	-381.99	0.00	381.99	1,290.08	645.04	1,165.40	575.55	95.47	-9.46	0.670
105.00	-7.22	-11.14	0.00	-370.76	0.00	370.76	1,283.77	641.89	1,151.33	568.60	97.45	-9.56	0.658
106.00	-7.11	-11.05	0.00	-359.61	0.00	359.61	1,277.42	638.71	1,137.30	561.67	99.45	-9.66	0.646
107.00	-7.01	-10.96	0.00	-348.56	0.00	348.56	1,271.02	635.51	1,123.32	554.77	101.48	-9.76	0.634
108.00	-6.90	-10.86	0.00	-337.61	0.00	337.61	1,264.58	632.29	1,109.39	547.88	103.52	-9.85	0.622
109.00	-6.80	-10.77	0.00	-326.74	0.00	326.74	1,256.45	628.22	1,094.06	540.31	105.59	-9.95	0.610
110.00	-6.71	-10.67	0.00	-315.98	0.00	315.98	1,247.15	623.57	1,077.83	532.30	107.67	-10.04	0.599
110.00	-6.70	-10.67	0.00	-315.97	0.00	315.97	1,247.14	623.57	1,077.83	532.30	107.67	-10.04	0.599
111.00	-6.61	-10.58	0.00	-305.30	0.00	305.30	846.55	423.27	735.97	363.47	107.67	-10.04	0.878
112.00	-6.52	-10.49	0.00	-294.72	0.00	294.72	843.03	421.52	727.42	359.25	109.77	-10.13	0.858
113.00	-6.44	-10.40	0.00	-284.23	0.00	284.23	839.48	419.74	718.88	355.03	111.90	-10.25	0.839
114.00	-6.35	-10.32	0.00	-273.82	0.00	273.82	835.88	417.94	710.35	350.81	114.04	-10.37	0.819
115.00	-6.26	-10.23	0.00	-263.51	0.00	263.51	832.24	416.12	701.83	346.61	116.22	-10.49	0.798
116.00	-6.18	-10.14	0.00	-253.28	0.00	253.28	828.55	414.28	693.32	342.41	118.42	-10.61	0.778
117.00	-6.10	-10.05	0.00	-243.15	0.00	243.15	824.83	412.41	684.83	338.21	120.64	-10.72	0.757
118.00	-6.01	-9.96	0.00	-233.10	0.00	233.10	821.06	410.53	676.35	334.02	122.88	-10.83	0.736
119.00	-5.93	-9.86	0.00	-223.15	0.00	223.15	817.26	408.63	667.88	329.84	125.15	-10.94	0.715
120.00	-5.84	-9.73	0.00	-212.77	0.00	212.77	813.41	406.70	659.44	325.67	127.44	-11.05	0.693
121.00	-5.76	-9.64	0.00	-203.34	0.00	203.34	809.52	404.76	651.00	321.51	129.75	-11.16	0.670
122.00	-5.68	-9.55	0.00	-194.00	0.00	194.00	805.59	402.79	642.59	317.35	132.09	-11.26	0.648
123.00	-5.61	-9.45	0.00	-184.75	0.00	184.75	801.61	400.81	634.19	313.20	134.44	-11.36	0.627
124.00	-5.53	-9.36	0.00	-175.60	0.00	175.60	797.60	398.80	625.82	309.07	136.81	-11.46	0.605
125.00	-5.46	-9.26	0.00	-166.54	0.00	166.54	793.54	396.77	617.46	304.94	139.21	-11.56	0.583
126.00	-5.39	-9.16	0.00	-157.58	0.00	157.58	789.44	394.72	609.13	300.82	141.62	-11.65	0.561
127.00	-5.32	-9.06	0.00	-148.72	0.00	148.72	785.30	392.65	600.81	296.72	144.06	-11.74	0.538
128.00	-5.25	-8.96	0.00	-139.96	0.00	139.96	781.12	390.56	592.52	292.62	146.51	-11.83	0.516
129.00	-5.18	-8.86	0.00	-131.30	0.00	131.30	776.90	388.45	584.25	288.54	148.98	-11.92	0.492
130.00	-5.12	-8.76	0.00	-122.74	0.00	122.74	772.63	386.32	576.01	284.47	151.47	-12.00	0.469
131.00	-5.05	-8.66	0.00	-114.28	0.00	114.28	768.33	384.16	567.79	280.41	153.97	-12.08	0.445
132.00	-4.99	-8.56	0.00	-105.92	0.00	105.92	763.98	381.99	559.59	276.36	156.49	-12.15	0.421
133.00	-4.92	-8.46	0.00	-97.67	0.00	97.67	759.59	379.79	551.43	272.33	159.02	-12.22	0.396
134.00	-4.86	-8.36	0.00	-89.51	0.00	89.51	755.16	377.58	543.29	268.31	161.57	-12.29	0.371
135.00	-3.15	-5.99	0.00	-81.46	0.00	81.46	750.68	375.34	535.17	264.30	164.13	-12.36	0.346
136.00	-3.10	-5.92	0.00	-75.46	0.00	75.46	746.17	373.09	527.09	260.31	166.71	-12.42	0.317
137.00	-3.05	-5.85	0.00	-69.54	0.00	69.54	741.61	370.81	519.04	256.33	169.30	-12.48	0.299
138.00	-2.99	-5.78	0.00	-63.69	0.00	63.69	737.02	368.51	511.02	252.37	171.89	-12.53	0.280
139.00	-2.94	-5.71	0.00	-57.92	0.00	57.92	732.38	366.19	503.02	248.42	174.50	-12.58	0.261
140.00	-2.89	-5.64	0.00	-52.21	0.00	52.21	727.70	363.85	495.07	244.49	177.12	-12.63	0.241
141.00	-2.84	-5.57	0.00	-46.57	0.00	46.57	722.98	361.49	487.14	240.58	179.75	-12.68	0.221
142.00	-2.80	-5.50	0.00	-41.00	0.00	41.00	718.21	359.11	479.25	236.68	182.39	-12.72	0.201
143.00	-2.75	-5.43	0.00	-35.50	0.00	35.50	713.41	356.70	471.39	232.80	185.04	-12.75	0.180
144.00	-2.69	-5.36	0.00	-30.07	0.00	30.07	708.01	354.00	463.21	228.76	187.69	-12.79	0.159
145.00	-2.65	-5.29	0.00	-25.08	0.00	25.08	701.03	350.52	454.07	224.25	190.35	-12.82	0.138
146.00	-2.61	-5.22	0.00	-20.15	0.00	20.15	694.06	347.03	445.03	219.78	193.01	-12.84	0.118
147.00	-2.57	-5.15	0.00	-15.29	0.00	15.29	687.08	343.54	436.08	215.36	195.68	-12.87	0.098
148.00	-2.53	-5.08	0.00	-10.50	0.00	10.50	680.11	340.05	427.22	210.99	198.36	-12.88	0.076
149.00	-2.49	-5.01	0.00	-5.77	0.00	5.77	673.14	336.57	418.45	206.66	201.04	-12.90	0.055
150.00	0.00	-3.99	0.00	-1.11	0.00	1.11	666.16	333.08	409.77	202.37	203.72	-12.91	0.032
							659.19	329.59	401.19	198.13	206.40	-12.91	0.006

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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) 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

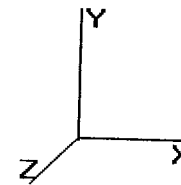
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	256.32	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	15.364	16.90	255.24	1.000	* 0.000	1.00	3.218	3.22	87.0	0.0	136.6
2.00		1.00	0.70	15.364	16.90	254.17	1.000	* 0.000	1.00	3.205	3.20	86.7	0.0	136.0
3.00		1.00	0.70	15.364	16.90	253.09	1.000	* 0.000	1.00	3.191	3.19	86.3	0.0	135.4
4.00		1.00	0.70	15.364	16.90	252.02	1.000	* 0.000	1.00	3.178	3.18	85.9	0.0	134.8
5.00		1.00	0.70	15.364	16.90	250.95	1.000	* 0.000	1.00	3.164	3.16	85.6	0.0	134.2
6.00		1.00	0.70	15.364	16.90	249.87	1.000	* 0.000	1.00	3.151	3.15	85.2	0.0	133.7
7.00		1.00	0.70	15.364	16.90	248.80	1.000	* 0.000	1.00	3.137	3.14	84.8	0.0	133.1
8.00		1.00	0.70	15.364	16.90	247.72	1.000	* 0.000	1.00	3.123	3.12	84.5	0.0	132.5
9.00		1.00	0.70	15.364	16.90	246.65	1.000	* 0.000	1.00	3.110	3.11	84.1	0.0	131.9
10.00	Appertunance(s)	1.00	0.70	15.364	16.90	245.57	1.000	* 0.000	1.00	3.096	3.10	83.7	0.0	131.3
11.00		1.00	0.70	15.364	16.90	244.50	1.000	* 0.000	1.00	3.083	3.08	83.4	0.0	130.8
12.00		1.00	0.70	15.364	16.90	243.42	1.000	* 0.000	1.00	3.069	3.07	83.0	0.0	130.2
13.00		1.00	0.70	15.364	16.90	242.35	1.000	* 0.000	1.00	3.056	3.06	82.6	0.0	129.6
14.00		1.00	0.70	15.364	16.90	241.27	1.000	* 0.000	1.00	3.042	3.04	82.3	0.0	129.0
15.00		1.00	0.70	15.364	16.90	240.20	1.000	* 0.000	1.00	3.029	3.03	81.9	0.0	128.4
16.00		1.00	0.70	15.364	16.90	239.12	1.000	* 0.000	1.00	3.015	3.02	81.5	0.0	127.9
17.00		1.00	0.70	15.364	16.90	238.05	1.000	* 0.000	1.00	3.002	3.00	81.2	0.0	127.3
18.00		1.00	0.70	15.364	16.90	236.98	1.000	* 0.000	1.00	2.988	2.99	80.8	0.0	126.7
19.00		1.00	0.70	15.364	16.90	235.90	1.000	* 0.000	1.00	2.975	2.97	80.4	0.0	126.1
20.00		1.00	0.70	15.364	16.90	234.83	1.000	* 0.000	1.00	2.961	2.96	80.1	0.0	125.5
21.00		1.00	0.70	15.364	16.90	233.75	1.000	* 0.000	1.00	2.948	2.95	79.7	0.0	125.0
22.00		1.00	0.70	15.364	16.90	232.68	1.000	* 0.000	1.00	2.934	2.93	79.3	0.0	124.4
23.00		1.00	0.70	15.364	16.90	231.60	1.000	* 0.000	1.00	2.921	2.92	79.0	0.0	123.8
24.00		1.00	0.70	15.364	16.90	230.53	1.000	* 0.000	1.00	2.907	2.91	78.6	0.0	123.2
25.00		1.00	0.70	15.364	16.90	229.45	1.000	* 0.000	1.00	2.894	2.89	78.2	0.0	122.6
26.00		1.00	0.70	15.364	16.90	228.38	1.000	* 0.000	1.00	2.880	2.88	77.9	0.0	122.1
27.00		1.00	0.70	15.364	16.90	227.30	1.000	* 0.000	1.00	2.867	2.87	77.5	0.0	121.5
28.00		1.00	0.70	15.364	16.90	226.23	1.000	* 0.000	1.00	2.853	2.85	77.2	0.0	120.9
29.00		1.00	0.70	15.364	16.90	225.16	1.000	* 0.000	1.00	2.840	2.84	76.8	0.0	120.3
30.00		1.00	0.70	15.377	16.91	224.18	1.000	* 0.000	1.00	2.826	2.83	76.5	0.0	119.7
31.00		1.00	0.70	15.522	17.07	224.15	1.000	* 0.000	1.00	2.813	2.81	76.8	0.0	119.2
31.50	Bot - Section 2	1.00	0.71	15.593	17.15	224.12	1.000	* 0.000	0.50	1.402	1.40	38.5	0.0	59.4
32.00		1.00	0.71	15.663	17.23	224.08	1.000	* 0.000	0.50	1.424	1.42	39.3	0.0	109.6
33.00		1.00	0.72	15.802	17.38	223.98	1.000	* 0.000	1.00	2.840	2.84	79.0	0.0	218.6
34.00		1.00	0.72	15.937	17.53	223.84	1.000	* 0.000	1.00	2.826	2.83	79.3	0.0	217.6
35.00		1.00	0.73	16.070	17.67	223.67	1.000	* 0.000	1.00	2.812	2.81	79.5	0.0	216.5
35.67	Top - Section 1	1.00	0.73	16.156	17.77	223.54	1.000	* 0.000	0.67	1.868	1.87	53.1	0.0	143.8
36.00		1.00	0.73	16.199	17.81	227.88	1.000	* 0.000	0.33	0.931	0.93	26.5	0.0	33.0
37.00		1.00	0.74	16.327	17.95	227.66	1.000	* 0.000	1.00	2.785	2.79	80.0	0.0	98.7
38.00		1.00	0.75	16.452	18.09	227.42	1.000	* 0.000	1.00	2.772	2.77	80.3	0.0	98.2
39.00		1.00	0.75	16.574	18.23	227.15	1.000	* 0.000	1.00	2.758	2.76	80.5	0.0	97.7
40.00		1.00	0.76	16.694	18.36	226.85	1.000	* 0.000	1.00	2.745	2.74	80.7	0.0	97.2
41.00		1.00	0.76	16.813	18.49	226.53	1.000	* 0.000	1.00	2.731	2.73	80.8	0.0	96.8
42.00		1.00	0.77	16.929	18.62	226.18	1.000	* 0.000	1.00	2.718	2.72	81.0	0.0	96.3
43.00		1.00	0.77	17.043	18.74	225.81	1.000	* 0.000	1.00	2.704	2.70	81.1	0.0	95.8
44.00		1.00	0.78	17.155	18.87	225.42	1.000	* 0.000	1.00	2.691	2.69	81.2	0.0	95.3
45.00		1.00	0.78	17.266	18.99	225.01	1.000	* 0.000	1.00	2.677	2.68	81.4	0.0	94.8
46.00		1.00	0.79	17.375	19.11	224.57	1.000	* 0.000	1.00	2.664	2.66	81.5	0.0	94.3
47.00		1.00	0.79	17.482	19.23	224.12	1.000	* 0.000	1.00	2.650	2.65	81.5	0.0	93.9
48.00		1.00	0.80	17.587	19.34	223.64	1.000	* 0.000	1.00	2.637	2.64	81.6	0.0	93.4

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

Code: ANSITIA-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) 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

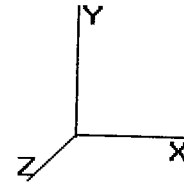
Discrete Appurtenance Segment Forces (Factored)

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)
10.00	Channel Master Type	1	15.364	16.901	1.00	1.00	20.19	0.000	0.000	545.96	0.00	0.00	113.40
120.0	Side Arm	1	22.850	25.135	1.00	1.00	4.00	0.000	0.000	160.87	0.00	0.00	45.00
120.0	Telewave ANT450D6-9	1	23.010	25.311	1.00	1.00	4.30	0.000	2.958	174.14	0.00	515.15	16.20
135.0	Low Profile Platform	1	23.632	25.996	1.00	1.00	26.10	0.000	0.000	1,085.58	0.00	0.00	1,350.00
135.0	RFS APX16DWV-	3	23.632	25.996	0.53	0.80	9.63	0.000	0.000	400.57	0.00	0.00	106.92
135.0	RFS ATMAA1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	35.10
135.0	RFS ATMPP1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	32.40
144.0	RFS APXV18-206517S-	3	24.072	26.479	0.54	0.80	8.42	0.000	0.000	356.78	0.00	0.00	71.28
150.0	12' Omni	1	24.629	27.092	0.75	0.75	2.70	0.000	6.000	117.04	0.00	702.22	22.50
150.0	6' Yagi	1	24.355	26.790	0.75	0.75	4.50	0.000	0.000	192.89	0.00	0.00	18.00
150.0	Andrew ABT-DMDF-	1	24.355	26.790	0.25	0.75	0.01	0.000	0.000	0.53	0.00	0.00	0.99
150.0	Ericsson RRUS 11	6	24.355	26.790	0.25	0.75	3.82	0.000	0.000	163.59	0.00	0.00	270.00
150.0	Flat Platform w/ Han	1	24.355	26.790	0.95	1.00	40.28	0.000	0.000	1,726.56	0.00	0.00	1,800.00
150.0	Powerwave 7770.00A	6	24.355	26.790	0.57	0.75	19.02	0.000	0.000	815.07	0.00	0.00	189.00
150.0	Powerwave P65-17-	3	24.355	26.790	0.50	0.75	17.28	0.000	0.000	740.52	0.00	0.00	159.30
150.0	Powerwave TT19-	6	24.355	26.790	0.25	0.75	0.82	0.000	0.000	35.01	0.00	0.00	86.40
150.0	Telewave ANT450D6-9	1	24.491	26.940	0.75	0.75	3.23	0.000	2.958	139.01	0.00	411.23	16.20
										6,731.19			4,332.69

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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 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)

40 Iterations

Gust Response Factor : 1.10

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Wind Importance Factor : 1.00

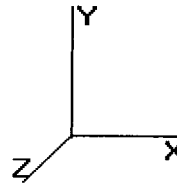
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.103	1.008	0.00	8.85
2.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.103	1.009	0.00	8.85
3.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.103	1.010	0.00	8.85
4.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.104	1.012	0.00	8.85
5.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.104	1.013	0.00	8.85
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.105	1.014	0.00	8.85
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.105	1.016	0.00	8.85
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.106	1.017	0.00	8.85
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.106	1.018	0.00	8.85
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.107	1.020	0.00	8.85
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.107	1.021	0.00	8.85
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.108	1.023	0.00	8.85
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.108	1.024	0.00	8.85
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.108	1.025	0.00	8.85
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.109	1.027	0.00	8.85
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.109	1.028	0.00	8.85
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.110	1.030	0.00	8.85
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.110	1.031	0.00	8.85
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.111	1.033	0.00	8.85
20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.111	1.034	0.00	8.85
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.112	1.036	0.00	8.85
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.112	1.037	0.00	8.85
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.113	1.039	0.00	8.85
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.114	1.041	0.00	8.85
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.114	1.042	0.00	8.85
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.115	1.044	0.00	8.85
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.115	1.045	0.00	8.85
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.116	1.047	0.00	8.85
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.364	0.116	1.049	0.00	8.85
30.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.377	0.117	1.050	0.00	8.85
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.522	0.117	1.052	0.00	8.85
31.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	15.593	0.118	1.053	0.00	4.43
32.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.16	0.00	15.663	0.118	1.054	0.00	4.42
33.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.802	0.118	1.055	0.00	8.85
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	15.937	0.119	1.057	0.00	8.85
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.070	0.120	1.059	0.00	8.85
35.67	(12) 1 5/8" Coax	Yes	0.67	0.000	3.96	0.22	0.00	16.156	0.120	1.060	0.00	5.91
36.00	(12) 1 5/8" Coax	Yes	0.33	0.000	3.96	0.11	0.00	16.199	0.118	1.054	0.00	2.95
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.327	0.118	1.055	0.00	8.85
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.452	0.119	1.057	0.00	8.85
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.574	0.120	1.059	0.00	8.85
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.694	0.120	1.061	0.00	8.85
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.813	0.121	1.062	0.00	8.85
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	16.929	0.121	1.064	0.00	8.85
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.043	0.122	1.066	0.00	8.85
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.155	0.123	1.068	0.00	8.85
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.266	0.123	1.070	0.00	8.85
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.375	0.124	1.072	0.00	8.85
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.482	0.125	1.074	0.00	8.85
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.587	0.125	1.075	0.00	8.85
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.691	0.126	1.077	0.00	8.85

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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) 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

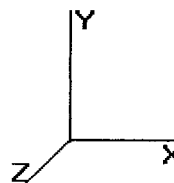
Wind Load Factor : 1.60

50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.793	0.126	1.079	0.00	8.85
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.894	0.127	1.081	0.00	8.85
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.994	0.128	1.083	0.00	8.85
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.092	0.128	1.085	0.00	8.85
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.189	0.129	1.087	0.00	8.85
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.285	0.130	1.089	0.00	8.85
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.379	0.131	1.092	0.00	8.85
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.472	0.131	1.094	0.00	8.85
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.564	0.132	1.096	0.00	8.85
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.655	0.133	1.098	0.00	8.85
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.745	0.133	1.100	0.00	8.85
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.834	0.134	1.102	0.00	8.85
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.921	0.135	1.105	0.00	8.85
63.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.008	0.136	1.107	0.00	8.85
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.094	0.136	1.109	0.00	8.85
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.179	0.137	1.111	0.00	8.85
66.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.262	0.138	1.114	0.00	8.85
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.345	0.139	1.116	0.00	8.85
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.427	0.139	1.118	0.00	8.85
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.509	0.140	1.121	0.00	8.85
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.589	0.141	1.123	0.00	8.85
70.00	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	19.589	0.141	1.124	0.00	0.00
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.669	0.142	1.126	0.00	8.85
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.747	0.143	1.128	0.00	8.85
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.825	0.144	1.131	0.00	8.85
73.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	19.864	0.144	1.133	0.00	4.43
74.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.16	0.00	19.902	0.142	1.126	0.00	4.42
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.979	0.143	1.128	0.00	8.85
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.055	0.143	1.130	0.00	8.85
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.130	0.144	1.133	0.00	8.85
78.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.204	0.145	1.135	0.00	8.85
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.278	0.146	1.138	0.00	8.85
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.351	0.147	1.141	0.00	8.85
81.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.423	0.148	1.143	0.00	8.85
82.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.495	0.149	1.146	0.00	8.85
83.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.566	0.150	1.149	0.00	8.85
84.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.636	0.150	1.151	0.00	8.85
85.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.706	0.151	1.154	0.00	8.85
86.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.776	0.152	1.157	0.00	8.85
87.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.844	0.153	1.160	0.00	8.85
88.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.913	0.154	1.163	0.00	8.85
89.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.980	0.155	1.166	0.00	8.85
90.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.047	0.156	1.169	0.00	8.85
91.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.114	0.157	1.172	0.00	8.85
92.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.180	0.158	1.175	0.00	8.85
93.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.245	0.159	1.178	0.00	8.85
94.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.310	0.160	1.181	0.00	8.85
95.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.375	0.161	1.184	0.00	8.85
96.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.439	0.162	1.187	0.00	8.85
97.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.503	0.164	1.191	0.00	8.85
98.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.566	0.165	1.194	0.00	8.85
99.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.628	0.166	1.197	0.00	8.85
100.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.690	0.167	1.201	0.00	8.85
101.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.752	0.168	1.204	0.00	8.85
102.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.814	0.169	1.208	0.00	8.85
103.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.874	0.170	1.211	0.00	8.85
104.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.935	0.172	1.215	0.00	8.85

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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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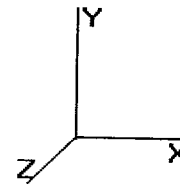
Load Case: 0.9D + 1.6W **95.00 mph with No Ice (Reduced DL)** **40 Iterations**

Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 0.90
Wind Load Factor : 1.60

105.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.995	0.173	1.219	0.00	8.85
106.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.055	0.174	1.222	0.00	8.85
107.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.114	0.175	1.226	0.00	8.85
108.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.173	0.177	1.230	0.00	8.85
109.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.231	0.178	1.234	0.00	8.85
110.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.289	0.179	1.238	0.00	8.85
110.0	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	22.289	0.180	1.240	0.00	0.00
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.347	0.181	1.242	0.00	8.85
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.404	0.182	1.246	0.00	8.85
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.461	0.183	1.250	0.00	8.85
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.518	0.185	1.254	0.00	8.85
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.574	0.186	1.258	0.00	8.85
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.630	0.187	1.262	0.00	8.85
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.686	0.189	1.267	0.00	8.85
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.741	0.190	1.271	0.00	8.85
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.796	0.192	1.276	0.00	8.85
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.850	0.193	1.280	0.00	8.85
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.905	0.195	1.285	0.00	8.85
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.959	0.196	1.289	0.00	8.85
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	23.012	0.198	1.294	0.00	8.85
124.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	23.065	0.200	1.299	0.00	8.85
125.0	(12) 1 5/8" Coax	Yes	1.00	1.193	3.96	0.33	0.39	23.118	0.201	0.000	16.03	8.85
126.0	(12) 1 5/8" Coax	Yes	1.00	1.192	3.96	0.33	0.39	23.171	0.203	0.000	16.04	8.85
127.0	(12) 1 5/8" Coax	Yes	1.00	1.191	3.96	0.33	0.39	23.223	0.205	0.000	16.06	8.85
128.0	(12) 1 5/8" Coax	Yes	1.00	1.189	3.96	0.33	0.39	23.276	0.206	0.000	16.08	8.85
129.0	(12) 1 5/8" Coax	Yes	1.00	1.188	3.96	0.33	0.39	23.327	0.208	0.000	16.10	8.85
130.0	(12) 1 5/8" Coax	Yes	1.00	1.187	3.96	0.33	0.39	23.379	0.210	0.000	16.12	8.85
131.0	(12) 1 5/8" Coax	Yes	1.00	1.186	3.96	0.33	0.39	23.430	0.212	0.000	16.13	8.85
132.0	(12) 1 5/8" Coax	Yes	1.00	1.184	3.96	0.33	0.39	23.481	0.214	0.000	16.15	8.85
133.0	(12) 1 5/8" Coax	Yes	1.00	1.183	3.96	0.33	0.39	23.532	0.216	0.000	16.17	8.85
134.0	(12) 1 5/8" Coax	Yes	1.00	1.182	3.96	0.33	0.39	23.582	0.218	0.000	16.19	8.85
135.0	(12) 1 5/8" Coax	Yes	1.00	1.180	3.96	0.33	0.39	23.632	0.219	0.000	16.20	8.85
Totals:											177.26	1,195.41

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

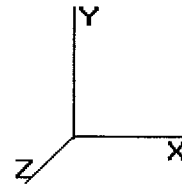
Applied Segment Forces Summary

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
1.00	87.02	160.86	0.00	0.00
2.00	86.66	160.28	0.00	0.00
3.00	86.29	159.70	0.00	0.00
4.00	85.92	159.12	0.00	0.00
5.00	85.56	158.54	0.00	0.00
6.00	85.19	157.96	0.00	0.00
7.00	84.83	157.38	0.00	0.00
8.00	84.46	156.80	0.00	0.00
9.00	84.10	156.22	0.00	0.00
10.00	629.69	269.04	0.00	0.00
11.00	83.37	155.04	0.00	0.00
12.00	83.00	154.46	0.00	0.00
13.00	82.63	153.88	0.00	0.00
14.00	82.27	153.30	0.00	0.00
15.00	81.90	152.72	0.00	0.00
16.00	81.54	152.14	0.00	0.00
17.00	81.17	151.56	0.00	0.00
18.00	80.81	150.98	0.00	0.00
19.00	80.44	150.40	0.00	0.00
20.00	80.08	149.82	0.00	0.00
21.00	79.71	149.24	0.00	0.00
22.00	79.34	148.66	0.00	0.00
23.00	78.98	148.08	0.00	0.00
24.00	78.61	147.50	0.00	0.00
25.00	78.25	146.93	0.00	0.00
26.00	77.88	146.35	0.00	0.00
27.00	77.52	145.77	0.00	0.00
28.00	77.15	145.19	0.00	0.00
29.00	76.78	144.61	0.00	0.00
30.00	76.48	144.03	0.00	0.00
31.00	76.83	143.45	0.00	0.00
31.50	38.48	71.55	0.00	0.00
32.00	39.25	121.77	0.00	0.00
33.00	78.97	242.91	0.00	0.00
34.00	79.27	241.85	0.00	0.00
35.00	79.54	240.79	0.00	0.00
35.67	53.13	160.01	0.00	0.00
36.00	26.53	41.06	0.00	0.00
37.00	80.04	122.97	0.00	0.00
38.00	80.26	122.48	0.00	0.00
39.00	80.46	122.00	0.00	0.00
40.00	80.65	121.52	0.00	0.00
41.00	80.82	121.03	0.00	0.00
42.00	80.98	120.55	0.00	0.00
43.00	81.12	120.07	0.00	0.00
44.00	81.24	119.58	0.00	0.00
45.00	81.36	119.10	0.00	0.00
46.00	81.46	118.61	0.00	0.00
47.00	81.54	118.13	0.00	0.00

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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) 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

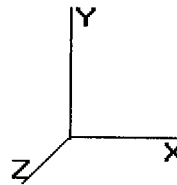
Wind Load Factor : 1.60

48.00	81.62	117.65	0.00	0.00
49.00	81.68	117.16	0.00	0.00
50.00	81.73	116.68	0.00	0.00
51.00	81.76	116.20	0.00	0.00
52.00	81.79	115.71	0.00	0.00
53.00	81.81	115.23	0.00	0.00
54.00	81.81	114.74	0.00	0.00
55.00	81.81	114.26	0.00	0.00
56.00	81.79	113.78	0.00	0.00
57.00	81.77	113.29	0.00	0.00
58.00	81.73	112.81	0.00	0.00
59.00	81.69	112.33	0.00	0.00
60.00	81.64	111.84	0.00	0.00
61.00	81.57	111.36	0.00	0.00
62.00	81.50	110.88	0.00	0.00
63.00	81.42	110.39	0.00	0.00
64.00	81.34	109.91	0.00	0.00
65.00	81.24	109.42	0.00	0.00
66.00	81.14	108.94	0.00	0.00
67.00	81.03	108.46	0.00	0.00
68.00	80.91	107.97	0.00	0.00
69.00	80.78	107.49	0.00	0.00
70.00	80.65	107.01	0.00	0.00
70.00	0.03	0.04	0.00	0.00
71.00	81.98	173.54	0.00	0.00
72.00	81.86	172.73	0.00	0.00
73.00	81.71	171.86	0.00	0.00
73.50	40.79	85.66	0.00	0.00
74.00	40.69	45.02	0.00	0.00
75.00	81.40	89.81	0.00	0.00
76.00	81.23	89.42	0.00	0.00
77.00	81.05	89.04	0.00	0.00
78.00	80.87	88.65	0.00	0.00
79.00	80.68	88.27	0.00	0.00
80.00	80.49	87.88	0.00	0.00
81.00	80.29	87.49	0.00	0.00
82.00	80.08	87.11	0.00	0.00
83.00	79.87	86.72	0.00	0.00
84.00	79.66	86.33	0.00	0.00
85.00	79.43	85.95	0.00	0.00
86.00	79.20	85.56	0.00	0.00
87.00	78.97	85.18	0.00	0.00
88.00	78.73	84.79	0.00	0.00
89.00	78.49	84.40	0.00	0.00
90.00	78.24	84.02	0.00	0.00
91.00	77.98	83.63	0.00	0.00
92.00	77.72	83.24	0.00	0.00
93.00	77.46	82.86	0.00	0.00
94.00	77.19	82.47	0.00	0.00
95.00	76.91	82.08	0.00	0.00
96.00	76.63	81.70	0.00	0.00
97.00	76.35	81.31	0.00	0.00
98.00	76.06	80.93	0.00	0.00
99.00	75.76	80.54	0.00	0.00
100.0	75.47	80.15	0.00	0.00
101.0	75.16	79.77	0.00	0.00
102.0	74.86	79.38	0.00	0.00

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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) 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

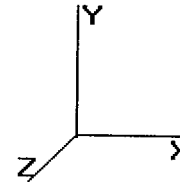
Wind Load Factor : 1.60

103.0	74.54	78.99	0.00	0.00
104.0	74.23	78.61	0.00	0.00
105.0	73.91	78.22	0.00	0.00
106.0	73.58	77.83	0.00	0.00
107.0	73.26	77.45	0.00	0.00
108.0	72.92	77.06	0.00	0.00
109.0	72.59	76.68	0.00	0.00
110.0	72.25	76.29	0.00	0.00
110.0	0.02	0.03	0.00	0.00
111.0	71.88	63.09	0.00	0.00
112.0	71.55	62.82	0.00	0.00
113.0	71.20	62.53	0.00	0.00
114.0	70.84	62.24	0.00	0.00
115.0	70.48	61.95	0.00	0.00
116.0	70.12	61.66	0.00	0.00
117.0	69.75	61.37	0.00	0.00
118.0	69.38	61.08	0.00	0.00
119.0	69.01	60.79	0.00	0.00
120.0	403.63	121.71	0.00	515.15
121.0	68.24	59.92	0.00	0.00
122.0	67.86	59.63	0.00	0.00
123.0	67.47	59.34	0.00	0.00
124.0	67.08	59.05	0.00	0.00
125.0	96.04	58.76	0.00	0.00
126.0	95.58	58.47	0.00	0.00
127.0	95.12	58.18	0.00	0.00
128.0	94.65	57.89	0.00	0.00
129.0	94.17	57.60	0.00	0.00
130.0	93.70	57.31	0.00	0.00
131.0	93.22	57.02	0.00	0.00
132.0	92.73	56.73	0.00	0.00
133.0	92.24	56.44	0.00	0.00
134.0	91.75	56.15	0.00	0.00
135.0	1,654.48	1,580.28	0.00	0.00
136.0	62.11	46.72	0.00	0.00
137.0	61.67	46.43	0.00	0.00
138.0	61.24	46.14	0.00	0.00
139.0	60.80	45.85	0.00	0.00
140.0	60.35	45.56	0.00	0.00
141.0	59.91	45.27	0.00	0.00
142.0	59.46	44.98	0.00	0.00
143.0	59.01	44.69	0.00	0.00
144.0	415.33	115.68	0.00	0.00
145.0	58.09	39.68	0.00	0.00
146.0	57.63	39.39	0.00	0.00
147.0	57.17	39.10	0.00	0.00
148.0	56.70	38.81	0.00	0.00
149.0	56.23	38.52	0.00	0.00
150.0	3,985.97	2,600.62	0.00	1,113.46
Totals:	18,418.18	19,847.68	0.00	1,628.61

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
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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: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 40 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

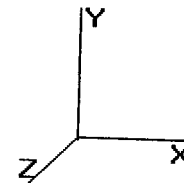
Calculated Forces

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	-19.84	-18.43	0.00	-1,860.74	0.00	1,860.74	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.795
1.00	-19.65	-18.36	0.00	-1,842.31	0.00	1,842.31	3,125.28	1,562.64	4,743.31	2,342.54	0.01	-0.07	0.793
2.00	-19.47	-18.30	0.00	-1,823.95	0.00	1,823.95	3,116.86	1,558.43	4,710.21	2,326.19	0.03	-0.14	0.790
3.00	-19.29	-18.24	0.00	-1,805.65	0.00	1,805.65	3,108.40	1,554.20	4,677.15	2,309.87	0.06	-0.20	0.788
4.00	-19.11	-18.17	0.00	-1,787.41	0.00	1,787.41	3,099.89	1,549.95	4,644.15	2,293.57	0.11	-0.27	0.786
5.00	-18.93	-18.11	0.00	-1,769.24	0.00	1,769.24	3,091.34	1,545.67	4,611.19	2,277.29	0.18	-0.34	0.783
6.00	-18.75	-18.04	0.00	-1,751.13	0.00	1,751.13	3,082.76	1,541.38	4,578.28	2,261.04	0.26	-0.41	0.781
7.00	-18.57	-17.98	0.00	-1,733.09	0.00	1,733.09	3,074.13	1,537.06	4,545.42	2,244.81	0.35	-0.48	0.778
8.00	-18.40	-17.92	0.00	-1,715.11	0.00	1,715.11	3,065.46	1,532.73	4,512.62	2,228.61	0.46	-0.54	0.776
9.00	-18.22	-17.85	0.00	-1,697.19	0.00	1,697.19	3,056.74	1,528.37	4,479.86	2,212.44	0.58	-0.61	0.773
10.00	-17.94	-17.24	0.00	-1,679.34	0.00	1,679.34	3,047.99	1,523.99	4,447.16	2,196.29	0.72	-0.68	0.771
11.00	-17.76	-17.18	0.00	-1,662.09	0.00	1,662.09	3,039.19	1,519.60	4,414.51	2,180.16	0.87	-0.75	0.768
12.00	-17.59	-17.12	0.00	-1,644.91	0.00	1,644.91	3,030.36	1,515.18	4,381.92	2,164.07	1.03	-0.82	0.766
13.00	-17.41	-17.05	0.00	-1,627.80	0.00	1,627.80	3,021.48	1,510.74	4,349.38	2,148.00	1.21	-0.89	0.764
14.00	-17.24	-16.99	0.00	-1,610.75	0.00	1,610.75	3,012.56	1,506.28	4,316.90	2,131.96	1.41	-0.96	0.761
15.00	-17.07	-16.92	0.00	-1,593.76	0.00	1,593.76	3,003.59	1,501.80	4,284.48	2,115.94	1.61	-1.03	0.759
16.00	-16.90	-16.86	0.00	-1,576.84	0.00	1,576.84	2,994.59	1,497.30	4,252.11	2,099.96	1.84	-1.10	0.757
17.00	-16.73	-16.80	0.00	-1,559.98	0.00	1,559.98	2,985.55	1,492.77	4,219.80	2,084.00	2.08	-1.17	0.754
18.00	-16.56	-16.73	0.00	-1,543.18	0.00	1,543.18	2,976.46	1,488.23	4,187.55	2,068.08	2.33	-1.24	0.752
19.00	-16.39	-16.67	0.00	-1,526.45	0.00	1,526.45	2,967.33	1,483.66	4,155.37	2,052.18	2.60	-1.31	0.749
20.00	-16.22	-16.61	0.00	-1,509.78	0.00	1,509.78	2,958.16	1,479.08	4,123.24	2,036.31	2.88	-1.38	0.747
21.00	-16.05	-16.54	0.00	-1,493.17	0.00	1,493.17	2,948.95	1,474.47	4,091.17	2,020.48	3.18	-1.46	0.745
22.00	-15.89	-16.48	0.00	-1,476.63	0.00	1,476.63	2,939.69	1,469.85	4,059.17	2,004.67	3.49	-1.53	0.742
23.00	-15.72	-16.42	0.00	-1,460.15	0.00	1,460.15	2,930.40	1,465.20	4,027.23	1,988.90	3.82	-1.60	0.740
24.00	-15.55	-16.35	0.00	-1,443.73	0.00	1,443.73	2,921.06	1,460.53	3,995.36	1,973.16	4.16	-1.67	0.737
25.00	-15.39	-16.29	0.00	-1,427.38	0.00	1,427.38	2,911.68	1,455.84	3,963.55	1,957.45	4.52	-1.74	0.735
26.00	-15.22	-16.23	0.00	-1,411.09	0.00	1,411.09	2,902.26	1,451.13	3,931.80	1,941.77	4.89	-1.82	0.732
27.00	-15.06	-16.16	0.00	-1,394.86	0.00	1,394.86	2,892.80	1,446.40	3,900.13	1,926.13	5.28	-1.89	0.730
28.00	-14.90	-16.10	0.00	-1,378.70	0.00	1,378.70	2,883.30	1,441.65	3,868.52	1,910.51	5.68	-1.96	0.727
29.00	-14.73	-16.04	0.00	-1,362.60	0.00	1,362.60	2,873.76	1,436.88	3,836.98	1,894.94	6.10	-2.03	0.724
30.00	-14.57	-15.98	0.00	-1,346.56	0.00	1,346.56	2,864.17	1,432.08	3,805.50	1,879.40	6.54	-2.11	0.722
31.00	-14.42	-15.91	0.00	-1,330.58	0.00	1,330.58	2,854.54	1,427.27	3,774.10	1,863.89	6.99	-2.18	0.719
31.50	-14.34	-15.87	0.00	-1,322.62	0.00	1,322.62	2,849.71	1,424.85	3,758.42	1,856.14	7.22	-2.22	0.718
32.00	-14.20	-15.84	0.00	-1,314.69	0.00	1,314.69	2,844.87	1,422.44	3,742.77	1,848.41	7.45	-2.25	0.716
33.00	-13.94	-15.77	0.00	-1,298.85	0.00	1,298.85	2,833.35	1,416.67	3,709.14	1,831.80	7.93	-2.33	0.714
34.00	-13.68	-15.70	0.00	-1,283.07	0.00	1,283.07	2,819.40	1,409.70	3,672.50	1,813.71	8.43	-2.40	0.712
35.00	-13.43	-15.63	0.00	-1,267.37	0.00	1,267.37	2,805.45	1,402.73	3,636.04	1,795.70	8.94	-2.48	0.711
35.67	-13.26	-15.58	0.00	-1,256.95	0.00	1,256.95	2,236.05	1,118.02	2,957.98	1,460.83	9.29	-2.53	0.867
36.00	-13.21	-15.56	0.00	-1,251.76	0.00	1,251.76	2,233.83	1,116.91	2,950.20	1,456.99	9.46	-2.55	0.865
37.00	-13.07	-15.49	0.00	-1,236.20	0.00	1,236.20	2,227.14	1,113.57	2,926.84	1,445.46	10.01	-2.63	0.861
38.00	-12.92	-15.43	0.00	-1,220.71	0.00	1,220.71	2,220.41	1,110.20	2,903.52	1,433.94	10.57	-2.72	0.857
39.00	-12.78	-15.36	0.00	-1,205.28	0.00	1,205.28	2,213.64	1,106.82	2,880.23	1,422.44	11.15	-2.80	0.853
40.00	-12.64	-15.29	0.00	-1,189.92	0.00	1,189.92	2,206.82	1,103.41	2,856.98	1,410.96	11.74	-2.89	0.849
41.00	-12.50	-15.22	0.00	-1,174.63	0.00	1,174.63	2,199.97	1,099.98	2,833.76	1,399.49	12.35	-2.97	0.845
42.00	-12.37	-15.15	0.00	-1,159.41	0.00	1,159.41	2,193.07	1,096.54	2,810.58	1,388.04	12.99	-3.05	0.841
43.00	-12.23	-15.08	0.00	-1,144.26	0.00	1,144.26	2,186.13	1,093.07	2,787.44	1,376.61	13.63	-3.14	0.837
44.00	-12.09	-15.01	0.00	-1,129.17	0.00	1,129.17	2,179.15	1,089.58	2,764.33	1,365.20	14.30	-3.22	0.833
45.00	-11.95	-14.94	0.00	-1,114.16	0.00	1,114.16	2,172.13	1,086.07	2,741.26	1,353.81	14.98	-3.31	0.829
46.00	-11.82	-14.87	0.00	-1,099.22	0.00	1,099.22	2,165.07	1,082.54	2,718.23	1,342.43	15.69	-3.39	0.824
47.00	-11.68	-14.80	0.00	-1,084.34	0.00	1,084.34	2,157.97	1,078.98	2,695.24	1,331.08	16.41	-3.48	0.820
48.00	-11.55	-14.73	0.00	-1,069.54	0.00	1,069.54	2,150.82	1,075.41	2,672.30	1,319.75	17.14	-3.56	0.816

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

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

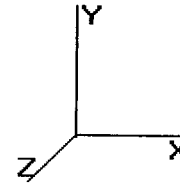
Wind Importance Factor : 1.00

49.00	-11.42	-14.66	0.00	-1,054.81	0.00	1,054.81	2,143.63	1,071.82	2,649.39	1,308.43	17.90	-3.65	0.812
50.00	-11.28	-14.59	0.00	-1,040.15	0.00	1,040.15	2,136.40	1,068.20	2,626.53	1,297.14	18.67	-3.74	0.807
51.00	-11.15	-14.51	0.00	-1,025.56	0.00	1,025.56	2,129.13	1,064.57	2,603.71	1,285.87	19.46	-3.82	0.803
52.00	-11.02	-14.44	0.00	-1,011.05	0.00	1,011.05	2,121.82	1,060.91	2,580.93	1,274.63	20.27	-3.91	0.799
53.00	-10.89	-14.37	0.00	-996.61	0.00	996.61	2,114.46	1,057.23	2,558.20	1,263.40	21.10	-3.99	0.794
54.00	-10.76	-14.30	0.00	-982.24	0.00	982.24	2,107.07	1,053.53	2,535.52	1,252.20	21.94	-4.08	0.790
55.00	-10.63	-14.22	0.00	-967.94	0.00	967.94	2,099.63	1,049.82	2,512.88	1,241.02	22.81	-4.17	0.785
56.00	-10.50	-14.15	0.00	-953.72	0.00	953.72	2,092.15	1,046.08	2,490.29	1,229.86	23.69	-4.25	0.781
57.00	-10.37	-14.07	0.00	-939.58	0.00	939.58	2,084.63	1,042.32	2,467.74	1,218.73	24.59	-4.34	0.776
58.00	-10.24	-14.00	0.00	-925.50	0.00	925.50	2,077.07	1,038.53	2,445.25	1,207.62	25.51	-4.43	0.772
59.00	-10.12	-13.92	0.00	-911.51	0.00	911.51	2,069.47	1,034.73	2,422.81	1,196.53	26.44	-4.51	0.767
60.00	-9.99	-13.85	0.00	-897.58	0.00	897.58	2,061.82	1,030.91	2,400.42	1,185.47	27.39	-4.60	0.762
61.00	-9.87	-13.77	0.00	-883.73	0.00	883.73	2,054.13	1,027.07	2,378.07	1,174.44	28.37	-4.69	0.757
62.00	-9.74	-13.70	0.00	-869.96	0.00	869.96	2,046.40	1,023.20	2,355.79	1,163.43	29.36	-4.77	0.753
63.00	-9.62	-13.62	0.00	-856.26	0.00	856.26	2,038.63	1,019.32	2,333.55	1,152.45	30.36	-4.86	0.748
64.00	-9.49	-13.55	0.00	-842.64	0.00	842.64	2,030.82	1,015.41	2,311.37	1,141.50	31.39	-4.95	0.743
65.00	-9.37	-13.47	0.00	-829.10	0.00	829.10	2,022.97	1,011.48	2,289.24	1,130.57	32.43	-5.04	0.738
66.00	-9.25	-13.39	0.00	-815.63	0.00	815.63	2,015.07	1,007.54	2,267.17	1,119.67	33.50	-5.12	0.733
67.00	-9.13	-13.32	0.00	-802.23	0.00	802.23	2,007.14	1,003.57	2,245.16	1,108.80	34.58	-5.21	0.728
68.00	-9.01	-13.24	0.00	-788.92	0.00	788.92	1,999.16	999.58	2,223.20	1,097.95	35.68	-5.30	0.723
69.00	-8.89	-13.16	0.00	-775.68	0.00	775.68	1,991.14	995.57	2,201.30	1,087.14	36.80	-5.38	0.718
70.00	-8.78	-13.08	0.00	-762.51	0.00	762.51	1,983.08	991.54	2,179.46	1,076.35	37.93	-5.47	0.713
71.00	-8.77	-13.09	0.00	-762.51	0.00	762.51	1,983.08	991.54	2,179.45	1,076.35	37.93	-5.47	0.713
72.00	-8.59	-13.00	0.00	-749.43	0.00	749.43	1,973.63	986.81	2,156.21	1,064.87	39.08	-5.56	0.708
73.00	-8.40	-12.92	0.00	-736.43	0.00	736.43	1,961.99	980.99	2,130.70	1,052.27	40.26	-5.65	0.704
73.50	-8.22	-12.83	0.00	-723.51	0.00	723.51	1,950.35	975.17	2,105.34	1,039.75	41.45	-5.74	0.700
74.00	-8.13	-12.78	0.00	-717.09	0.00	717.09	1,462.66	731.33	1,612.13	796.17	42.05	-5.78	0.907
75.00	-8.08	-12.75	0.00	-710.71	0.00	710.71	1,460.14	730.07	1,604.61	792.45	42.66	-5.82	0.903
75.00	-7.97	-12.67	0.00	-697.96	0.00	697.96	1,455.07	727.54	1,589.55	785.02	43.89	-5.93	0.895
76.00	-7.87	-12.60	0.00	-685.28	0.00	685.28	1,449.97	724.98	1,574.52	777.60	45.14	-6.03	0.887
77.00	-7.77	-12.52	0.00	-672.69	0.00	672.69	1,444.82	722.41	1,559.51	770.18	46.41	-6.13	0.879
78.00	-7.67	-12.45	0.00	-660.16	0.00	660.16	1,439.63	719.81	1,544.52	762.78	47.70	-6.23	0.871
79.00	-7.56	-12.37	0.00	-647.72	0.00	647.72	1,434.40	717.20	1,529.56	755.39	49.01	-6.34	0.863
80.00	-7.46	-12.29	0.00	-635.35	0.00	635.35	1,429.12	714.56	1,514.62	748.01	50.35	-6.44	0.855
81.00	-7.36	-12.22	0.00	-623.06	0.00	623.06	1,423.81	711.90	1,499.70	740.65	51.71	-6.54	0.847
82.00	-7.27	-12.14	0.00	-610.84	0.00	610.84	1,418.45	709.23	1,484.81	733.29	53.09	-6.64	0.838
83.00	-7.17	-12.06	0.00	-598.70	0.00	598.70	1,413.05	706.53	1,469.95	725.95	54.49	-6.75	0.830
84.00	-7.07	-11.99	0.00	-586.64	0.00	586.64	1,407.61	703.81	1,455.11	718.63	55.91	-6.85	0.822
85.00	-6.97	-11.91	0.00	-574.65	0.00	574.65	1,402.13	701.07	1,440.30	711.31	57.35	-6.95	0.813
86.00	-6.88	-11.83	0.00	-562.74	0.00	562.74	1,396.61	698.31	1,425.53	704.01	58.81	-7.05	0.805
87.00	-6.78	-11.76	0.00	-550.91	0.00	550.91	1,391.05	695.52	1,410.78	696.73	60.30	-7.15	0.796
88.00	-6.69	-11.68	0.00	-539.16	0.00	539.16	1,385.44	692.72	1,396.06	689.46	61.80	-7.25	0.787
89.00	-6.59	-11.60	0.00	-527.48	0.00	527.48	1,379.79	689.90	1,381.37	682.21	63.33	-7.36	0.778
90.00	-6.50	-11.52	0.00	-515.88	0.00	515.88	1,374.10	687.05	1,366.72	674.97	64.87	-7.46	0.769
91.00	-6.41	-11.45	0.00	-504.35	0.00	504.35	1,368.37	684.19	1,352.10	667.75	66.44	-7.56	0.760
92.00	-6.31	-11.37	0.00	-492.90	0.00	492.90	1,362.60	681.30	1,337.51	660.55	68.03	-7.66	0.751
93.00	-6.22	-11.29	0.00	-481.53	0.00	481.53	1,356.79	678.39	1,322.96	653.36	69.64	-7.76	0.742
94.00	-6.13	-11.22	0.00	-470.24	0.00	470.24	1,350.93	675.46	1,308.44	646.19	71.27	-7.85	0.733
95.00	-6.04	-11.14	0.00	-459.02	0.00	459.02	1,345.03	672.52	1,293.96	639.04	72.92	-7.95	0.723
96.00	-5.95	-11.06	0.00	-447.88	0.00	447.88	1,339.09	669.55	1,279.52	631.90	74.59	-8.05	0.714
97.00	-5.86	-10.99	0.00	-436.82	0.00	436.82	1,333.11	666.56	1,265.11	624.79	76.28	-8.15	0.704
98.00	-5.78	-10.91	0.00	-425.83	0.00	425.83	1,327.09	663.55	1,250.74	617.69	78.00	-8.25	0.694
99.00	-5.69	-10.83	0.00	-414.93	0.00	414.93	1,321.03	660.51	1,236.42	610.62	79.73	-8.34	0.684
100.00	-5.60	-10.75	0.00	-404.09	0.00	404.09	1,314.92	657.46	1,222.13	603.56	81.48	-8.44	0.674
101.00	-5.52	-10.68	0.00	-393.34	0.00	393.34	1,308.77	654.39	1,207.88	596.53	83.25	-8.54	0.664
102.00	-5.43	-10.60	0.00	-382.66	0.00	382.66	1,302.59	651.29	1,193.68	589.51	85.04	-8.63	0.654
103.00	-5.35	-10.52	0.00	-372.06	0.00	372.06	1,296.36	648.18	1,179.52	582.52	86.85	-8.73	0.643

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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)

40 Iterations

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

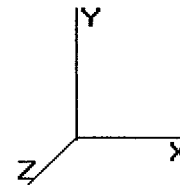
Wind Importance Factor : 1.00

104.00	-5.27	-10.45	0.00	-361.54	0.00	361.54	1,290.08	645.04	1,165.40	575.55	88.69	-8.82	0.633
105.00	-5.18	-10.37	0.00	-351.09	0.00	351.09	1,283.77	641.89	1,151.33	568.60	90.54	-8.91	0.622
106.00	-5.10	-10.29	0.00	-340.72	0.00	340.72	1,277.42	638.71	1,137.30	561.67	92.41	-9.01	0.611
107.00	-5.02	-10.22	0.00	-330.42	0.00	330.42	1,271.02	635.51	1,123.32	554.77	94.29	-9.10	0.600
108.00	-4.94	-10.14	0.00	-320.21	0.00	320.21	1,264.58	632.29	1,109.39	547.88	96.20	-9.19	0.589
109.00	-4.86	-10.07	0.00	-310.07	0.00	310.07	1,256.45	628.22	1,094.06	540.31	98.13	-9.28	0.578
110.00	-4.79	-9.99	0.00	-300.00	0.00	300.00	1,247.14	623.57	1,077.83	532.30	100.07	-9.37	0.568
110.00	-4.78	-9.99	0.00	-300.00	0.00	300.00	1,247.14	623.57	1,077.83	532.30	100.07	-9.37	0.568
110.00	-4.78	-9.99	0.00	-300.00	0.00	300.00	846.55	423.27	735.97	363.47	100.07	-9.37	0.832
111.00	-4.71	-9.92	0.00	-290.01	0.00	290.01	843.03	421.52	727.42	359.25	102.03	-9.46	0.813
112.00	-4.64	-9.84	0.00	-280.10	0.00	280.10	839.48	419.74	718.88	355.03	104.02	-9.57	0.795
113.00	-4.57	-9.77	0.00	-270.25	0.00	270.25	835.88	417.94	710.35	350.81	106.02	-9.68	0.776
114.00	-4.50	-9.70	0.00	-260.48	0.00	260.48	832.24	416.12	701.83	346.61	108.06	-9.80	0.757
115.00	-4.44	-9.63	0.00	-250.78	0.00	250.78	828.55	414.28	693.32	342.41	110.11	-9.91	0.738
116.00	-4.37	-9.56	0.00	-241.15	0.00	241.15	824.83	412.41	684.83	338.21	112.19	-10.01	0.719
117.00	-4.31	-9.49	0.00	-231.59	0.00	231.59	821.06	410.53	676.35	334.02	114.28	-10.12	0.699
118.00	-4.24	-9.42	0.00	-222.10	0.00	222.10	817.26	408.63	667.88	329.84	116.40	-10.23	0.679
119.00	-4.18	-9.34	0.00	-212.69	0.00	212.69	813.41	406.70	659.44	325.67	118.55	-10.33	0.659
120.00	-4.11	-9.33	0.00	-202.83	0.00	202.83	809.52	404.76	651.00	321.51	120.71	-10.43	0.636
121.00	-4.05	-8.86	0.00	-193.90	0.00	193.90	805.59	402.79	642.59	317.35	122.89	-10.53	0.617
122.00	-3.99	-8.79	0.00	-185.04	0.00	185.04	801.61	400.81	634.19	313.20	125.09	-10.62	0.596
123.00	-3.93	-8.72	0.00	-176.25	0.00	176.25	797.60	398.80	625.82	309.07	127.32	-10.72	0.576
124.00	-3.87	-8.65	0.00	-167.53	0.00	167.53	793.54	396.77	617.46	304.94	129.56	-10.81	0.555
125.00	-3.82	-8.55	0.00	-158.88	0.00	158.88	789.44	394.72	609.13	300.82	131.82	-10.90	0.533
126.00	-3.77	-8.45	0.00	-150.33	0.00	150.33	785.30	392.65	600.81	296.72	134.10	-10.99	0.512
127.00	-3.72	-8.35	0.00	-141.88	0.00	141.88	781.12	390.56	592.52	292.62	136.40	-11.07	0.490
128.00	-3.67	-8.25	0.00	-133.53	0.00	133.53	776.90	388.45	584.25	288.54	138.71	-11.15	0.468
129.00	-3.62	-8.15	0.00	-125.28	0.00	125.28	772.63	386.32	576.01	284.47	141.04	-11.23	0.446
130.00	-3.57	-8.05	0.00	-117.12	0.00	117.12	768.33	384.16	567.79	280.41	143.38	-11.31	0.423
131.00	-3.52	-7.96	0.00	-109.07	0.00	109.07	763.98	381.99	559.59	276.36	145.75	-11.38	0.400
132.00	-3.48	-7.86	0.00	-101.11	0.00	101.11	759.59	379.79	551.43	272.33	148.12	-11.45	0.376
133.00	-3.43	-7.76	0.00	-93.25	0.00	93.25	755.16	377.58	543.29	268.31	150.51	-11.51	0.353
134.00	-3.39	-7.66	0.00	-85.49	0.00	85.49	750.68	375.34	535.17	264.30	152.91	-11.57	0.328
135.00	-2.16	-5.73	0.00	-77.83	0.00	77.83	746.17	373.09	527.09	260.31	155.33	-11.63	0.302
136.00	-2.13	-5.66	0.00	-72.10	0.00	72.10	741.61	370.81	519.04	256.33	157.75	-11.69	0.284
137.00	-2.09	-5.59	0.00	-66.44	0.00	66.44	737.02	368.51	511.02	252.37	160.19	-11.74	0.266
138.00	-2.05	-5.52	0.00	-60.85	0.00	60.85	732.38	366.19	503.02	248.42	162.64	-11.79	0.248
139.00	-2.01	-5.46	0.00	-55.33	0.00	55.33	727.70	363.85	495.07	244.49	165.09	-11.83	0.229
140.00	-1.98	-5.39	0.00	-49.88	0.00	49.88	722.98	361.49	487.14	240.58	167.56	-11.88	0.210
141.00	-1.94	-5.32	0.00	-44.49	0.00	44.49	718.21	359.11	479.25	236.68	170.03	-11.92	0.191
142.00	-1.91	-5.26	0.00	-39.16	0.00	39.16	713.41	356.70	471.39	232.80	172.52	-11.95	0.171
143.00	-1.87	-5.19	0.00	-33.91	0.00	33.91	708.01	354.00	463.21	228.76	175.00	-11.99	0.151
144.00	-1.84	-4.76	0.00	-28.72	0.00	28.72	701.03	350.52	454.07	224.25	177.50	-12.01	0.131
145.00	-1.82	-4.70	0.00	-23.96	0.00	23.96	694.06	347.03	445.03	219.78	180.00	-12.04	0.112
146.00	-1.79	-4.63	0.00	-19.26	0.00	19.26	687.08	343.54	436.08	215.36	182.51	-12.06	0.092
147.00	-1.76	-4.57	0.00	-14.63	0.00	14.63	680.11	340.05	427.22	210.99	185.02	-12.08	0.072
148.00	-1.73	-4.51	0.00	-10.06	0.00	10.06	673.14	336.57	418.45	206.66	187.53	-12.09	0.051
149.00	-1.71	-4.44	0.00	-5.56	0.00	5.56	666.16	333.08	409.77	202.37	190.04	-12.10	0.030
150.00	0.00	-3.99	0.00	-1.11	0.00	1.11	659.19	329.59	401.19	198.13	192.56	-12.10	0.006

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice 41 Iterations

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

Dead Load Factor : 1.20 Ice Importance Factor : 1.00

Wind Load Factor : 1.00

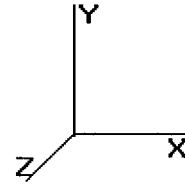
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.410	1.00	3.453	4.14	19.4	70.5	252.6
2.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.511	1.00	3.456	4.15	19.4	75.5	258.8
3.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.574	1.00	3.453	4.14	19.4	78.4	258.9
4.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.620	1.00	3.447	4.14	19.4	80.4	260.2
5.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.656	1.00	3.440	4.13	19.3	82.0	261.0
6.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.687	1.00	3.432	4.12	19.3	83.2	261.4
7.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.713	1.00	3.422	4.11	19.2	84.2	261.7
8.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.736	1.00	3.413	4.10	19.2	85.1	261.7
9.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.756	1.00	3.403	4.08	19.1	85.8	261.7
10.00	Appertunance(s)	1.00	0.70	4.256	4.682	0.000	1.200	* 1.775	1.00	3.392	4.07	19.1	86.4	261.5
11.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.792	1.00	3.382	4.06	19.0	86.9	261.2
12.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.808	1.00	3.371	4.04	18.9	87.3	260.9
13.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.822	1.00	3.360	4.03	18.9	87.6	260.4
14.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.836	1.00	3.348	4.02	18.8	88.0	260.0
15.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.848	1.00	3.337	4.00	18.7	88.2	259.5
16.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.860	1.00	3.325	3.99	18.7	88.4	258.9
17.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.872	1.00	3.314	3.98	18.6	88.6	258.3
18.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.882	1.00	3.302	3.96	18.6	88.8	257.7
19.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.893	1.00	3.290	3.95	18.5	88.9	257.1
20.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.902	1.00	3.278	3.93	18.4	89.0	256.4
21.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.912	1.00	3.266	3.92	18.4	89.1	255.7
22.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.921	1.00	3.254	3.91	18.3	89.1	254.9
23.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.929	1.00	3.242	3.89	18.2	89.1	254.2
24.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.937	1.00	3.230	3.88	18.1	89.1	253.4
25.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.945	1.00	3.218	3.86	18.1	89.1	252.7
26.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.953	1.00	3.206	3.85	18.0	89.1	251.9
27.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.960	1.00	3.193	3.83	17.9	89.1	251.0
28.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.967	1.00	3.181	3.82	17.9	89.0	250.2
29.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.974	1.00	3.169	3.80	17.8	88.9	249.4
30.00		1.00	0.70	4.260	4.686	0.000	1.200	* 1.981	1.00	3.156	3.79	17.7	88.8	248.5
31.00		1.00	0.70	4.300	4.730	0.000	1.200	* 1.988	1.00	3.144	3.77	17.8	88.7	247.6
31.50	Bot - Section 2	1.00	0.71	4.319	4.751	0.000	1.200	* 1.991	0.50	1.568	1.88	8.9	44.4	123.6
32.00		1.00	0.71	4.339	4.773	0.000	1.200	* 1.994	0.50	1.590	1.91	9.1	45.1	191.3
33.00		1.00	0.72	4.377	4.815	0.000	1.200	* 2.000	1.00	3.173	3.81	18.3	90.1	381.7
34.00		1.00	0.72	4.415	4.856	0.000	1.200	* 2.006	1.00	3.160	3.79	18.4	90.0	380.1
35.00		1.00	0.73	4.451	4.897	0.000	1.200	* 2.012	1.00	3.148	3.78	18.5	89.9	378.6
35.67	Top - Section 1	1.00	0.73	4.475	4.923	0.000	1.200	* 2.016	0.67	2.092	2.51	12.4	59.9	251.6
36.00		1.00	0.73	4.487	4.936	0.000	1.200	* 2.017	0.33	1.043	1.25	6.2	29.9	73.8
37.00		1.00	0.74	4.523	4.975	0.000	1.200	* 2.023	1.00	3.123	3.75	18.6	89.6	221.2
38.00		1.00	0.75	4.557	5.013	0.000	1.200	* 2.028	1.00	3.110	3.73	18.7	89.4	220.4
39.00		1.00	0.75	4.591	5.050	0.000	1.200	* 2.034	1.00	3.097	3.72	18.8	89.3	219.6
40.00		1.00	0.76	4.625	5.087	0.000	1.200	* 2.039	1.00	3.085	3.70	18.8	89.1	218.7
41.00		1.00	0.76	4.657	5.123	0.000	1.200	* 2.044	1.00	3.072	3.69	18.9	88.9	217.9
42.00		1.00	0.77	4.689	5.158	0.000	1.200	* 2.049	1.00	3.059	3.67	18.9	88.7	217.1
43.00		1.00	0.77	4.721	5.193	0.000	1.200	* 2.054	1.00	3.047	3.66	19.0	88.5	216.2
44.00		1.00	0.78	4.752	5.227	0.000	1.200	* 2.058	1.00	3.034	3.64	19.0	88.3	215.4
45.00		1.00	0.78	4.783	5.261	0.000	1.200	* 2.063	1.00	3.021	3.63	19.1	88.1	214.5
46.00		1.00	0.79	4.813	5.294	0.000	1.200	* 2.068	1.00	3.008	3.61	19.1	87.9	213.7
47.00		1.00	0.79	4.843	5.327	0.000	1.200	* 2.072	1.00	2.996	3.59	19.1	87.7	212.8
48.00		1.00	0.80	4.872	5.359	0.000	1.200	* 2.076	1.00	2.983	3.58	19.2	87.5	211.9

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice 41 Iterations

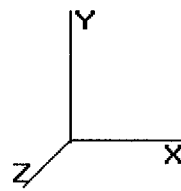
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

49.00		1.00	0.80	4.901	5.391	0.000	1.200	*	2.081	1.00	2.970	3.56	19.2	87.2	211.1
50.00		1.00	0.81	4.929	5.422	0.000	1.200	*	2.085	1.00	2.957	3.55	19.2	87.0	210.2
51.00		1.00	0.81	4.957	5.453	0.000	1.200	*	2.089	1.00	2.944	3.53	19.3	86.7	209.3
52.00		1.00	0.82	4.984	5.483	0.000	1.200	*	2.093	1.00	2.931	3.52	19.3	86.5	208.4
53.00		1.00	0.82	5.012	5.513	0.000	1.200	*	2.097	1.00	2.919	3.50	19.3	86.3	207.5
54.00		1.00	0.82	5.039	5.542	0.000	1.200	*	2.101	1.00	2.906	3.49	19.3	86.0	206.6
55.00		1.00	0.83	5.065	5.572	0.000	1.200	*	2.105	1.00	2.893	3.47	19.3	85.7	205.7
56.00		1.00	0.83	5.091	5.600	0.000	1.200	*	2.109	1.00	2.880	3.46	19.4	85.5	204.8
57.00		1.00	0.84	5.117	5.629	0.000	1.200	*	2.112	1.00	2.867	3.44	19.4	85.2	203.9
58.00		1.00	0.84	5.142	5.657	0.000	1.200	*	2.116	1.00	2.854	3.43	19.4	84.9	203.0
59.00		1.00	0.85	5.168	5.684	0.000	1.200	*	2.120	1.00	2.841	3.41	19.4	84.7	202.1
60.00		1.00	0.85	5.193	5.712	0.000	1.200	*	2.123	1.00	2.828	3.39	19.4	84.4	201.1
61.00		1.00	0.85	5.217	5.739	0.000	1.200	*	2.127	1.00	2.815	3.38	19.4	84.1	200.2
62.00		1.00	0.86	5.241	5.766	0.000	1.200	*	2.130	1.00	2.802	3.36	19.4	83.8	199.3
63.00		1.00	0.86	5.265	5.792	0.000	1.200	*	2.134	1.00	2.790	3.35	19.4	83.5	198.3
64.00		1.00	0.87	5.289	5.818	0.000	1.200	*	2.137	1.00	2.777	3.33	19.4	83.2	197.4
65.00		1.00	0.87	5.313	5.844	0.000	1.200	*	2.140	1.00	2.764	3.32	19.4	82.9	196.5
66.00		1.00	0.87	5.336	5.869	0.000	1.200	*	2.144	1.00	2.751	3.30	19.4	82.6	195.5
67.00		1.00	0.88	5.359	5.895	0.000	1.200	*	2.147	1.00	2.738	3.29	19.4	82.3	194.6
68.00		1.00	0.88	5.382	5.920	0.000	1.200	*	2.150	1.00	2.725	3.27	19.4	82.0	193.6
69.00		1.00	0.88	5.404	5.944	0.000	1.200	*	2.153	1.00	2.712	3.25	19.3	81.7	192.7
70.00		1.00	0.89	5.426	5.969	0.000	1.200	*	2.156	1.00	2.699	3.24	19.3	81.4	191.7
70.00	Bot - Section 3	1.00	0.89	5.426	5.969	0.000	1.200	*	2.156	0.00	0.001	0.00	0.0	0.0	0.1
71.00		1.00	0.89	5.448	5.993	0.000	1.200	*	2.159	1.00	2.728	3.27	19.6	82.5	281.5
72.00		1.00	0.90	5.470	6.017	0.000	1.200	*	2.162	1.00	2.716	3.26	19.6	82.2	280.1
73.00		1.00	0.90	5.492	6.041	0.000	1.200	*	2.165	1.00	2.703	3.24	19.6	81.8	278.6
73.50	Top - Section 2	1.00	0.90	5.502	6.053	0.000	1.200	*	2.167	0.50	1.347	1.62	9.8	40.9	138.9
74.00		1.00	0.90	5.513	6.064	0.000	1.200	*	2.168	0.50	1.342	1.61	9.8	40.7	84.6
75.00		1.00	0.91	5.534	6.088	0.000	1.200	*	2.171	1.00	2.677	3.21	19.6	81.2	168.6
76.00		1.00	0.91	5.555	6.111	0.000	1.200	*	2.174	1.00	2.664	3.20	19.5	80.9	167.7
77.00		1.00	0.91	5.576	6.134	0.000	1.200	*	2.177	1.00	2.651	3.18	19.5	80.5	166.9
78.00		1.00	0.92	5.597	6.156	0.000	1.200	*	2.180	1.00	2.638	3.17	19.5	80.2	166.0
79.00		1.00	0.92	5.617	6.179	0.000	1.200	*	2.182	1.00	2.624	3.15	19.5	79.9	165.2
80.00		1.00	0.92	5.637	6.201	0.000	1.200	*	2.185	1.00	2.611	3.13	19.4	79.5	164.3
81.00		1.00	0.93	5.657	6.223	0.000	1.200	*	2.188	1.00	2.598	3.12	19.4	79.2	163.5
82.00		1.00	0.93	5.677	6.245	0.000	1.200	*	2.191	1.00	2.585	3.10	19.4	78.9	162.6
83.00		1.00	0.93	5.697	6.267	0.000	1.200	*	2.193	1.00	2.572	3.09	19.3	78.5	161.8
84.00		1.00	0.94	5.716	6.288	0.000	1.200	*	2.196	1.00	2.559	3.07	19.3	78.2	160.9
85.00		1.00	0.94	5.736	6.309	0.000	1.200	*	2.198	1.00	2.546	3.06	19.3	77.8	160.1
86.00		1.00	0.94	5.755	6.331	0.000	1.200	*	2.201	1.00	2.533	3.04	19.2	77.5	159.2
87.00		1.00	0.95	5.774	6.351	0.000	1.200	*	2.204	1.00	2.520	3.02	19.2	77.1	158.3
88.00		1.00	0.95	5.793	6.372	0.000	1.200	*	2.206	1.00	2.507	3.01	19.2	76.8	157.5
89.00		1.00	0.95	5.812	6.393	0.000	1.200	*	2.209	1.00	2.494	2.99	19.1	76.4	156.6
90.00		1.00	0.95	5.830	6.413	0.000	1.200	*	2.211	1.00	2.481	2.98	19.1	76.1	155.7
91.00		1.00	0.96	5.849	6.434	0.000	1.200	*	2.214	1.00	2.467	2.96	19.0	75.7	154.8
92.00		1.00	0.96	5.867	6.454	0.000	1.200	*	2.216	1.00	2.454	2.95	19.0	75.3	154.0
93.00		1.00	0.96	5.885	6.474	0.000	1.200	*	2.218	1.00	2.441	2.93	19.0	75.0	153.1
94.00		1.00	0.97	5.903	6.493	0.000	1.200	*	2.221	1.00	2.428	2.91	18.9	74.6	152.2
95.00		1.00	0.97	5.921	6.513	0.000	1.200	*	2.223	1.00	2.415	2.90	18.9	74.3	151.3
96.00		1.00	0.97	5.939	6.533	0.000	1.200	*	2.225	1.00	2.402	2.88	18.8	73.9	150.4
97.00		1.00	0.98	5.956	6.552	0.000	1.200	*	2.228	1.00	2.389	2.87	18.8	73.5	149.6
98.00		1.00	0.98	5.974	6.571	0.000	1.200	*	2.230	1.00	2.376	2.85	18.7	73.1	148.7
99.00		1.00	0.98	5.991	6.590	0.000	1.200	*	2.232	1.00	2.362	2.83	18.7	72.8	147.8
100.0		1.00	0.98	6.008	6.609	0.000	1.200	*	2.234	1.00	2.349	2.82	18.6	72.4	146.9
101.0		1.00	0.99	6.026	6.628	0.000	1.200	*	2.237	1.00	2.336	2.80	18.6	72.0	146.0
102.0		1.00	0.99	6.043	6.647	0.000	1.200	*	2.239	1.00	2.323	2.79	18.5	71.6	145.1
103.0		1.00	0.99	6.059	6.665	0.000	1.200	*	2.241	1.00	2.310	2.77	18.5	71.3	144.2

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice	41 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		

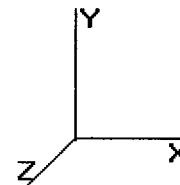
104.0	1.00	0.99	6.076	6.684	0.000	1.200	*	2.243	1.00	2.297	2.76	18.4	70.9	143.3	
105.0	1.00	1.00	6.093	6.702	0.000	1.200	*	2.245	1.00	2.283	2.74	18.4	70.5	142.4	
106.0	1.00	1.00	6.109	6.720	0.000	1.200	*	2.248	1.00	2.270	2.72	18.3	70.1	141.5	
107.0	1.00	1.00	6.126	6.738	0.000	1.200	*	2.250	1.00	2.257	2.71	18.3	69.7	140.6	
108.0	1.00	1.01	6.142	6.756	0.000	1.200	*	2.252	1.00	2.244	2.69	18.2	69.3	139.7	
109.0	1.00	1.01	6.158	6.774	0.000	1.200	*	2.254	1.00	2.231	2.68	18.1	69.0	138.8	
110.0	1.00	1.01	6.174	6.792	0.000	1.200	*	2.256	1.00	2.218	2.66	18.1	68.6	137.9	
110.0	Top - Section 3	1.00	1.01	6.174	6.792	0.000	1.200	*	2.256	0.00	0.001	0.00	0.0	0.0	
111.0		1.00	1.01	6.190	6.809	0.000	1.200	*	2.258	1.00	2.204	2.64	18.0	68.2	119.9
112.0		1.00	1.02	6.206	6.827	0.000	1.200	*	2.260	1.00	2.191	2.63	18.0	67.8	119.2
113.0		1.00	1.02	6.222	6.844	0.000	1.200	*	2.262	1.00	2.178	2.61	17.9	67.4	118.4
114.0		1.00	1.02	6.238	6.861	0.000	1.200	*	2.264	1.00	2.165	2.60	17.8	67.0	117.6
115.0		1.00	1.02	6.253	6.879	0.000	1.200	*	2.266	1.00	2.152	2.58	17.8	66.6	116.8
116.0		1.00	1.03	6.269	6.896	0.000	1.200	*	2.268	1.00	2.138	2.57	17.7	66.2	116.1
117.0		1.00	1.03	6.284	6.913	0.000	1.200	*	2.270	1.00	2.125	2.55	17.6	65.8	115.3
118.0		1.00	1.03	6.299	6.929	0.000	1.200	*	2.272	1.00	2.112	2.53	17.6	65.4	114.5
119.0		1.00	1.03	6.315	6.946	0.000	1.200	*	2.274	1.00	2.099	2.52	17.5	65.0	113.7
120.0	Appertunance(s)	1.00	1.04	6.330	6.963	0.000	1.200	*	2.276	1.00	2.086	2.50	17.4	64.6	112.9
121.0		1.00	1.04	6.345	6.979	0.000	1.200	*	2.277	1.00	2.072	2.49	17.4	64.2	112.1
122.0		1.00	1.04	6.360	6.996	0.000	1.200	*	2.279	1.00	2.059	2.47	17.3	63.8	111.3
123.0		1.00	1.04	6.375	7.012	0.000	1.200	*	2.281	1.00	2.046	2.46	17.2	63.4	110.5
124.0		1.00	1.05	6.389	7.028	0.000	1.200	*	2.283	1.00	2.033	2.44	17.1	63.0	109.7
125.0		1.00	1.05	6.404	7.044	0.000	1.200	*	2.285	1.00	2.020	2.42	17.1	62.6	108.9
126.0		1.00	1.05	6.419	7.060	0.000	1.200	*	2.287	1.00	2.006	2.41	17.0	62.2	108.1
127.0		1.00	1.05	6.433	7.076	0.000	1.200	*	2.289	1.00	1.993	2.39	16.9	61.8	107.4
128.0		1.00	1.06	6.448	7.092	0.000	1.200	*	2.290	1.00	1.980	2.38	16.9	61.3	106.6
129.0		1.00	1.06	6.462	7.108	0.000	1.200	*	2.292	1.00	1.967	2.36	16.8	60.9	105.8
130.0		1.00	1.06	6.476	7.124	0.000	1.200	*	2.294	1.00	1.954	2.34	16.7	60.5	105.0
131.0		1.00	1.06	6.490	7.139	0.000	1.200	*	2.296	1.00	1.940	2.33	16.6	60.1	104.2
132.0		1.00	1.07	6.504	7.155	0.000	1.200	*	2.297	1.00	1.927	2.31	16.5	59.7	103.3
133.0		1.00	1.07	6.519	7.170	0.000	1.200	*	2.299	1.00	1.914	2.30	16.5	59.3	102.5
134.0		1.00	1.07	6.532	7.186	0.000	1.200	*	2.301	1.00	1.901	2.28	16.4	58.9	101.7
135.0	Appertunance(s)	1.00	1.07	6.546	7.201	0.000	1.200	*	2.303	1.00	1.887	2.26	16.3	58.4	100.9
136.0		1.00	1.07	6.560	7.216	0.000	1.200	*	2.304	1.00	1.874	2.25	16.2	58.0	100.1
137.0		1.00	1.08	6.574	7.231	0.000	1.200	*	2.306	1.00	1.861	2.23	16.1	57.6	99.3
138.0		1.00	1.08	6.588	7.246	0.000	1.200	*	2.308	1.00	1.848	2.22	16.1	57.2	98.5
139.0		1.00	1.08	6.601	7.261	0.000	1.200	*	2.309	1.00	1.834	2.20	16.0	56.7	97.7
140.0		1.00	1.08	6.615	7.276	0.000	1.200	*	2.311	1.00	1.821	2.19	15.9	56.3	96.9
141.0		1.00	1.09	6.628	7.291	0.000	1.200	*	2.313	1.00	1.808	2.17	15.8	55.9	96.1
142.0		1.00	1.09	6.642	7.306	0.000	1.200	*	2.314	1.00	1.795	2.15	15.7	55.5	95.3
143.0		1.00	1.09	6.655	7.320	0.000	1.200	*	2.316	1.00	1.781	2.14	15.6	55.0	94.5
144.0	Appertunance(s)	1.00	1.09	6.668	7.335	0.000	1.200	*	2.317	1.00	1.768	2.12	15.6	54.6	93.6
145.0		1.00	1.09	6.681	7.350	0.000	1.200	*	2.319	1.00	1.755	2.11	15.5	54.2	92.8
146.0		1.00	1.10	6.695	7.364	0.000	1.200	*	2.321	1.00	1.742	2.09	15.4	53.8	92.0
147.0		1.00	1.10	6.708	7.378	0.000	1.200	*	2.322	1.00	1.728	2.07	15.3	53.3	91.2
148.0		1.00	1.10	6.721	7.393	0.000	1.200	*	2.324	1.00	1.715	2.06	15.2	52.9	90.4
149.0		1.00	1.10	6.734	7.407	0.000	1.200	*	2.325	1.00	1.702	2.04	15.1	52.5	89.6
150.0	Appertunance(s)	1.00	1.11	6.746	7.421	0.000	1.200	*	2.327	1.00	1.689	2.03	15.0	52.0	88.7

* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 2,747.1 11,482.5 27,537.2

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice 41 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

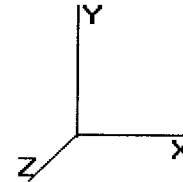
Discrete Appurtenance Segment Forces (Factored)

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)
10.00	Channel Master Type	1	4.256	4.682	1.00	1.00	23.26	0.000	0.000	108.88	0.00	0.00	301.80
120.0	Side Arm	1	6.330	6.963	1.00	1.00	6.73	0.000	0.000	46.86	0.00	0.00	-33.14
120.0	Telewave ANT450D6-9	1	6.374	7.011	1.00	1.00	9.36	0.000	2.958	65.63	0.00	194.16	-11.59
135.0	Low Profile Platform	1	6.546	7.201	1.00	1.00	51.34	0.000	0.000	369.70	0.00	0.00	2,456.55
135.0	RFS APX16DWV-	3	6.546	7.201	0.53	0.80	11.93	0.000	0.000	85.90	0.00	0.00	698.14
135.0	RFS ATMAA1412D-	3	6.546	7.201	0.26	0.80	1.26	0.000	0.000	9.10	0.00	0.00	203.03
135.0	RFS ATMPP1412D-	3	6.546	7.201	0.26	0.80	1.27	0.000	0.000	9.17	0.00	0.00	190.46
144.0	RFS APXV18-206517S-	3	6.668	7.335	0.54	0.80	11.17	0.000	0.000	81.95	0.00	0.00	610.24
150.0	12' Omni	1	6.822	7.505	0.75	0.75	6.38	0.000	6.000	47.85	0.00	287.13	270.22
150.0	6' Yagi	1	6.746	7.421	0.75	0.75	20.53	0.000	0.000	152.32	0.00	0.00	217.97
150.0	Andrew ABT-DMDF-	1	6.746	7.421	0.25	0.75	0.05	0.000	0.000	0.37	0.00	0.00	11.15
150.0	Ericsson RRUS 11	6	6.746	7.421	0.25	0.75	5.15	0.000	0.000	38.19	0.00	0.00	1,065.09
150.0	Flat Platform w/ Han	1	6.746	7.421	0.95	1.00	66.90	0.000	0.000	496.46	0.00	0.00	3,848.78
150.0	Powerwave 7770.00A	6	6.746	7.421	0.57	0.75	24.00	0.000	0.000	178.14	0.00	0.00	1,420.92
150.0	Powerwave P65-17-	3	6.746	7.421	0.50	0.75	20.65	0.000	0.000	153.21	0.00	0.00	1,276.69
150.0	Powerwave TT19-	6	6.746	7.421	0.25	0.75	1.53	0.000	0.000	11.39	0.00	0.00	368.59
150.0	Telewave ANT450D6-9	1	6.784	7.463	0.75	0.75	7.11	0.000	2.958	53.03	0.00	156.88	-10.47
										1,908.17			12,884.42

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice 41 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)

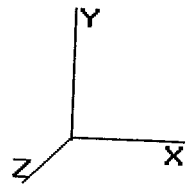
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.56	0.00	4.256	0.103	1.008	0.00	44.22
2.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.58	0.00	4.256	0.103	1.009	0.00	46.45
3.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.59	0.00	4.256	0.103	1.010	0.00	47.84
4.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.60	0.00	4.256	0.104	1.012	0.00	48.87
5.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.61	0.00	4.256	0.104	1.013	0.00	49.69
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.61	0.00	4.256	0.105	1.014	0.00	50.37
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.62	0.00	4.256	0.105	1.016	0.00	50.97
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.62	0.00	4.256	0.106	1.017	0.00	51.49
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.62	0.00	4.256	0.106	1.018	0.00	51.96
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.63	0.00	4.256	0.107	1.020	0.00	52.38
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.63	0.00	4.256	0.107	1.021	0.00	52.77
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.63	0.00	4.256	0.108	1.023	0.00	53.13
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.63	0.00	4.256	0.108	1.024	0.00	53.46
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.64	0.00	4.256	0.108	1.025	0.00	53.77
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.64	0.00	4.256	0.109	1.027	0.00	54.06
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.64	0.00	4.256	0.109	1.028	0.00	54.34
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.64	0.00	4.256	0.110	1.030	0.00	54.60
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.64	0.00	4.256	0.110	1.031	0.00	54.85
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.111	1.033	0.00	55.08
20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.111	1.034	0.00	55.31
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.112	1.036	0.00	55.52
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.112	1.037	0.00	55.73
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.113	1.039	0.00	55.93
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.114	1.041	0.00	56.12
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.65	0.00	4.256	0.114	1.042	0.00	56.30
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.256	0.115	1.044	0.00	56.48
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.256	0.115	1.045	0.00	56.65
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.256	0.116	1.047	0.00	56.82
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.256	0.116	1.049	0.00	56.98
30.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.260	0.117	1.050	0.00	57.14
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.300	0.117	1.052	0.00	57.29
31.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.33	0.00	4.319	0.118	1.053	0.00	28.70
32.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.33	0.00	4.339	0.118	1.054	0.00	28.70
33.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.377	0.118	1.055	0.00	57.58
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.66	0.00	4.415	0.119	1.057	0.00	57.72
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.451	0.120	1.059	0.00	57.86
35.67	(12) 1 5/8" Coax	Yes	0.67	0.000	3.96	0.44	0.00	4.475	0.120	1.060	0.00	38.65
36.00	(12) 1 5/8" Coax	Yes	0.33	0.000	3.96	0.22	0.00	4.487	0.118	1.054	0.00	19.31
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.523	0.118	1.055	0.00	58.12
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.557	0.119	1.057	0.00	58.24
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.591	0.120	1.059	0.00	58.37
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.625	0.120	1.061	0.00	58.49
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.657	0.121	1.062	0.00	58.61
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.689	0.121	1.064	0.00	58.72
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.721	0.122	1.066	0.00	58.84
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.752	0.123	1.068	0.00	58.95
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.783	0.123	1.070	0.00	59.06
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.67	0.00	4.813	0.124	1.072	0.00	59.16
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.843	0.125	1.074	0.00	59.27
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.872	0.125	1.075	0.00	59.37
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.901	0.126	1.077	0.00	59.47

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice

41 Iterations

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

Ice Dead Load Factor : 1.00

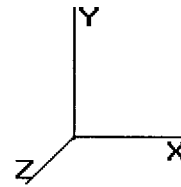
Wind Importance Factor : 1.00
 Ice Importance Factor : 1.00

50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.929	0.126	1.079	0.00	59.57
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.957	0.127	1.081	0.00	59.67
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.984	0.128	1.083	0.00	59.76
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.012	0.128	1.085	0.00	59.86
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.039	0.129	1.087	0.00	59.95
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.065	0.130	1.089	0.00	60.04
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.091	0.131	1.092	0.00	60.13
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.117	0.131	1.094	0.00	60.22
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.142	0.132	1.096	0.00	60.31
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.168	0.133	1.098	0.00	60.39
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.193	0.133	1.100	0.00	60.48
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.217	0.134	1.102	0.00	60.56
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.241	0.135	1.105	0.00	60.64
63.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.265	0.136	1.107	0.00	60.72
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.289	0.136	1.109	0.00	60.80
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.313	0.137	1.111	0.00	60.88
66.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.336	0.138	1.114	0.00	60.96
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.359	0.139	1.116	0.00	61.04
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.382	0.139	1.118	0.00	61.11
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.404	0.140	1.121	0.00	61.19
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.426	0.141	1.123	0.00	61.26
70.00	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	5.426	0.141	1.123	0.00	0.02
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.448	0.142	1.126	0.00	61.31
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.470	0.143	1.128	0.00	61.40
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.492	0.144	1.131	0.00	61.47
73.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.35	0.00	5.502	0.144	1.133	0.00	30.78
74.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.35	0.00	5.513	0.142	1.126	0.00	30.75
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.534	0.143	1.128	0.00	61.61
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.555	0.143	1.130	0.00	61.68
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.576	0.144	1.133	0.00	61.75
78.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.597	0.145	1.135	0.00	61.82
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.617	0.146	1.138	0.00	61.88
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.637	0.147	1.141	0.00	61.95
81.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.657	0.148	1.143	0.00	62.01
82.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.677	0.149	1.146	0.00	62.08
83.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.697	0.150	1.149	0.00	62.14
84.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.716	0.150	1.151	0.00	62.20
85.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.736	0.151	1.154	0.00	62.27
86.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.755	0.152	1.157	0.00	62.33
87.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.774	0.153	1.160	0.00	62.39
88.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.793	0.154	1.163	0.00	62.45
89.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.812	0.155	1.166	0.00	62.51
90.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.830	0.156	1.169	0.00	62.57
91.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.849	0.157	1.172	0.00	62.62
92.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.867	0.158	1.175	0.00	62.68
93.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.885	0.159	1.178	0.00	62.74
94.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.903	0.160	1.181	0.00	62.80
95.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.921	0.161	1.184	0.00	62.85
96.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.939	0.162	1.187	0.00	62.91
97.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.956	0.164	1.191	0.00	62.96
98.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.974	0.165	1.194	0.00	63.02
99.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.991	0.166	1.197	0.00	63.07
100.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.008	0.167	1.201	0.00	63.13
101.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.026	0.168	1.204	0.00	63.18
102.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.043	0.169	1.208	0.00	63.23
103.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.059	0.170	1.211	0.00	63.28
104.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.076	0.172	1.215	0.00	63.34

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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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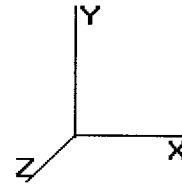
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	41 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

105.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.093	0.173	1.219	0.00	63.39
106.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.109	0.174	1.222	0.00	63.44
107.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.126	0.175	1.226	0.00	63.49
108.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.142	0.177	1.230	0.00	63.54
109.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.158	0.178	1.234	0.00	63.59
110.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.174	0.179	1.238	0.00	63.64
110.0	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	6.174	0.180	1.240	0.00	0.02
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.190	0.181	1.242	0.00	63.67
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.206	0.182	1.246	0.00	63.74
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.222	0.183	1.250	0.00	63.78
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.238	0.185	1.254	0.00	63.83
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.253	0.186	1.258	0.00	63.88
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.269	0.187	1.262	0.00	63.93
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.284	0.189	1.267	0.00	63.97
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.299	0.190	1.271	0.00	64.02
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.315	0.192	1.276	0.00	64.07
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.330	0.193	1.280	0.00	64.11
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.345	0.195	1.285	0.00	64.16
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.360	0.196	1.289	0.00	64.20
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.375	0.198	1.294	0.00	64.25
124.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.389	0.200	1.299	0.00	64.29
125.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	6.404	0.201	0.000	6.01	64.34
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	6.419	0.203	0.000	6.03	64.38
127.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	6.433	0.205	0.000	6.04	64.42
128.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	6.448	0.206	0.000	6.06	64.47
129.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	6.462	0.208	0.000	6.07	64.51
130.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	6.476	0.210	0.000	6.09	64.55
131.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.86	6.490	0.212	0.000	6.11	64.59
132.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.86	6.504	0.214	0.000	6.12	64.64
133.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.86	6.519	0.216	0.000	6.14	64.68
134.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.86	6.532	0.218	0.000	6.15	64.72
135.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.86	6.546	0.219	0.000	6.17	64.76
Totals:											66.98	8,087.56

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice	41 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

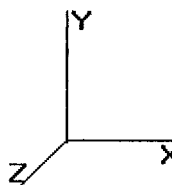
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	19.40	317.41	0.00	0.00
2.00	19.42	323.82	0.00	0.00
3.00	19.40	327.36	0.00	0.00
4.00	19.37	329.67	0.00	0.00
5.00	19.33	331.27	0.00	0.00
6.00	19.28	332.42	0.00	0.00
7.00	19.23	333.24	0.00	0.00
8.00	19.17	333.82	0.00	0.00
9.00	19.12	334.21	0.00	0.00
10.00	127.94	636.25	0.00	0.00
11.00	19.00	334.53	0.00	0.00
12.00	18.94	334.55	0.00	0.00
13.00	18.87	334.47	0.00	0.00
14.00	18.81	334.32	0.00	0.00
15.00	18.75	334.10	0.00	0.00
16.00	18.68	333.83	0.00	0.00
17.00	18.62	333.50	0.00	0.00
18.00	18.55	333.12	0.00	0.00
19.00	18.48	332.71	0.00	0.00
20.00	18.42	332.25	0.00	0.00
21.00	18.35	331.76	0.00	0.00
22.00	18.28	331.24	0.00	0.00
23.00	18.21	330.70	0.00	0.00
24.00	18.15	330.12	0.00	0.00
25.00	18.08	329.52	0.00	0.00
26.00	18.01	328.90	0.00	0.00
27.00	17.94	328.25	0.00	0.00
28.00	17.87	327.59	0.00	0.00
29.00	17.80	326.91	0.00	0.00
30.00	17.75	326.21	0.00	0.00
31.00	17.84	325.49	0.00	0.00
31.50	8.94	162.58	0.00	0.00
32.00	9.11	230.26	0.00	0.00
33.00	18.33	459.80	0.00	0.00
34.00	18.42	458.40	0.00	0.00
35.00	18.50	456.98	0.00	0.00
35.67	12.36	304.02	0.00	0.00
36.00	6.18	100.00	0.00	0.00
37.00	18.64	299.86	0.00	0.00
38.00	18.71	299.18	0.00	0.00
39.00	18.77	298.50	0.00	0.00
40.00	18.83	297.80	0.00	0.00
41.00	18.89	297.09	0.00	0.00
42.00	18.94	296.37	0.00	0.00
43.00	18.99	295.64	0.00	0.00
44.00	19.03	294.91	0.00	0.00
45.00	19.07	294.16	0.00	0.00
46.00	19.11	293.41	0.00	0.00
47.00	19.15	292.65	0.00	0.00

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice 41 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

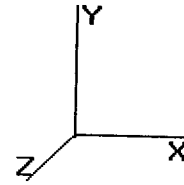
48.00	19.18	291.88	0.00	0.00
49.00	19.21	291.11	0.00	0.00
50.00	19.24	290.33	0.00	0.00
51.00	19.27	289.54	0.00	0.00
52.00	19.29	288.74	0.00	0.00
53.00	19.31	287.94	0.00	0.00
54.00	19.33	287.13	0.00	0.00
55.00	19.34	286.32	0.00	0.00
56.00	19.35	285.50	0.00	0.00
57.00	19.37	284.68	0.00	0.00
58.00	19.37	283.85	0.00	0.00
59.00	19.38	283.01	0.00	0.00
60.00	19.39	282.17	0.00	0.00
61.00	19.39	281.33	0.00	0.00
62.00	19.39	280.48	0.00	0.00
63.00	19.39	279.62	0.00	0.00
64.00	19.38	278.76	0.00	0.00
65.00	19.38	277.90	0.00	0.00
66.00	19.37	277.03	0.00	0.00
67.00	19.37	276.16	0.00	0.00
68.00	19.35	275.29	0.00	0.00
69.00	19.34	274.41	0.00	0.00
70.00	19.33	273.52	0.00	0.00
70.00	0.01	0.09	0.00	0.00
71.00	19.62	363.35	0.00	0.00
72.00	19.61	362.07	0.00	0.00
73.00	19.59	360.66	0.00	0.00
73.50	9.79	179.95	0.00	0.00
74.00	9.77	125.62	0.00	0.00
75.00	19.55	250.76	0.00	0.00
76.00	19.53	249.99	0.00	0.00
77.00	19.51	249.21	0.00	0.00
78.00	19.49	248.43	0.00	0.00
79.00	19.46	247.65	0.00	0.00
80.00	19.43	246.86	0.00	0.00
81.00	19.40	246.07	0.00	0.00
82.00	19.37	245.28	0.00	0.00
83.00	19.34	244.49	0.00	0.00
84.00	19.31	243.69	0.00	0.00
85.00	19.28	242.89	0.00	0.00
86.00	19.24	242.09	0.00	0.00
87.00	19.21	241.28	0.00	0.00
88.00	19.17	240.47	0.00	0.00
89.00	19.13	239.66	0.00	0.00
90.00	19.09	238.85	0.00	0.00
91.00	19.05	238.03	0.00	0.00
92.00	19.01	237.22	0.00	0.00
93.00	18.96	236.40	0.00	0.00
94.00	18.92	235.57	0.00	0.00
95.00	18.87	234.75	0.00	0.00
96.00	18.83	233.92	0.00	0.00
97.00	18.78	233.09	0.00	0.00
98.00	18.73	232.26	0.00	0.00
99.00	18.68	231.43	0.00	0.00
100.0	18.63	230.59	0.00	0.00
101.0	18.58	229.75	0.00	0.00
102.0	18.53	228.91	0.00	0.00

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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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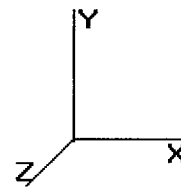


Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 41 Iterations
 Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

103.0				
104.0	18.47	228.07	0.00	0.00
105.0	18.42	227.23	0.00	0.00
106.0	18.36	226.38	0.00	0.00
107.0	18.31	225.53	0.00	0.00
108.0	18.25	224.68	0.00	0.00
109.0	18.19	223.83	0.00	0.00
110.0	18.13	222.98	0.00	0.00
110.0	18.07	222.12	0.00	0.00
111.0	0.01	0.07	0.00	0.00
112.0	18.01	204.14	0.00	0.00
113.0	17.95	203.48	0.00	0.00
114.0	17.89	202.75	0.00	0.00
115.0	17.82	202.02	0.00	0.00
116.0	17.76	201.28	0.00	0.00
117.0	17.70	200.55	0.00	0.00
118.0	17.63	199.81	0.00	0.00
119.0	17.56	199.07	0.00	0.00
120.0	17.50	198.33	0.00	0.00
121.0	129.92	152.85	0.00	194.16
122.0	17.36	196.44	0.00	0.00
123.0	17.29	195.70	0.00	0.00
124.0	17.22	194.95	0.00	0.00
125.0	17.15	194.20	0.00	0.00
126.0	23.08	193.45	0.00	0.00
127.0	23.02	192.70	0.00	0.00
128.0	22.97	191.94	0.00	0.00
129.0	22.91	191.19	0.00	0.00
130.0	22.85	190.43	0.00	0.00
131.0	22.79	189.68	0.00	0.00
132.0	22.73	188.92	0.00	0.00
133.0	22.67	188.16	0.00	0.00
134.0	22.60	187.40	0.00	0.00
135.0	22.54	186.63	0.00	0.00
136.0	496.35	3,734.05	0.00	0.00
137.0	16.23	120.30	0.00	0.00
138.0	16.15	119.49	0.00	0.00
139.0	16.07	118.68	0.00	0.00
140.0	15.98	117.88	0.00	0.00
141.0	15.90	117.07	0.00	0.00
142.0	15.82	116.25	0.00	0.00
143.0	15.73	115.44	0.00	0.00
144.0	15.65	114.63	0.00	0.00
145.0	97.51	724.05	0.00	0.00
146.0	15.48	107.10	0.00	0.00
147.0	15.39	106.28	0.00	0.00
148.0	15.30	105.46	0.00	0.00
149.0	15.22	104.64	0.00	0.00
150.0	15.13	103.83	0.00	0.00
Totals:	1,146.01	8,571.94	0.00	444.01
	4,722.24	51,547.26	0.00	638.17

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice 41 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

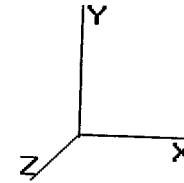
Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-51.55	-4.73	0.00	-588.86	0.00	588.86	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.266
1.00	-51.23	-4.73	0.00	-584.13	0.00	584.13	3,125.28	1,562.64	4,743.31	2,342.54	0.00	-0.02	0.266
2.00	-50.90	-4.73	0.00	-579.40	0.00	579.40	3,116.86	1,558.43	4,710.21	2,326.19	0.01	-0.04	0.265
3.00	-50.57	-4.73	0.00	-574.67	0.00	574.67	3,108.40	1,554.20	4,677.15	2,309.87	0.02	-0.06	0.265
4.00	-50.24	-4.73	0.00	-569.94	0.00	569.94	3,099.89	1,549.95	4,644.15	2,293.57	0.04	-0.09	0.265
5.00	-49.91	-4.73	0.00	-565.21	0.00	565.21	3,091.34	1,545.67	4,611.19	2,277.29	0.06	-0.11	0.264
6.00	-49.57	-4.73	0.00	-560.48	0.00	560.48	3,082.76	1,541.38	4,578.28	2,261.04	0.08	-0.13	0.264
7.00	-49.24	-4.73	0.00	-555.76	0.00	555.76	3,074.13	1,537.06	4,545.42	2,244.81	0.11	-0.15	0.264
8.00	-48.90	-4.72	0.00	-551.03	0.00	551.03	3,065.46	1,532.73	4,512.62	2,228.61	0.15	-0.17	0.263
9.00	-48.57	-4.72	0.00	-546.31	0.00	546.31	3,056.74	1,528.37	4,479.86	2,212.44	0.18	-0.20	0.263
10.00	-47.93	-4.61	0.00	-541.58	0.00	541.58	3,047.99	1,523.99	4,447.16	2,196.29	0.23	-0.22	0.262
11.00	-47.59	-4.61	0.00	-536.97	0.00	536.97	3,039.19	1,519.60	4,414.51	2,180.16	0.28	-0.24	0.262
12.00	-47.26	-4.61	0.00	-532.36	0.00	532.36	3,030.36	1,515.18	4,381.92	2,164.07	0.33	-0.26	0.262
13.00	-46.92	-4.61	0.00	-527.76	0.00	527.76	3,021.48	1,510.74	4,349.38	2,148.00	0.39	-0.29	0.261
14.00	-46.58	-4.60	0.00	-523.15	0.00	523.15	3,012.56	1,506.28	4,316.90	2,131.96	0.45	-0.31	0.261
15.00	-46.25	-4.60	0.00	-518.55	0.00	518.55	3,003.59	1,501.80	4,284.48	2,115.94	0.52	-0.33	0.260
16.00	-45.91	-4.60	0.00	-513.94	0.00	513.94	2,994.59	1,497.30	4,252.11	2,099.96	0.59	-0.35	0.260
17.00	-45.58	-4.60	0.00	-509.34	0.00	509.34	2,985.55	1,492.77	4,219.80	2,084.00	0.66	-0.38	0.260
18.00	-45.24	-4.59	0.00	-504.75	0.00	504.75	2,976.46	1,488.23	4,187.55	2,068.08	0.75	-0.40	0.259
19.00	-44.91	-4.59	0.00	-500.15	0.00	500.15	2,967.33	1,483.66	4,155.37	2,052.18	0.83	-0.42	0.259
20.00	-44.58	-4.59	0.00	-495.56	0.00	495.56	2,958.16	1,479.08	4,123.24	2,036.31	0.92	-0.45	0.258
21.00	-44.24	-4.59	0.00	-490.97	0.00	490.97	2,948.95	1,474.47	4,091.17	2,020.48	1.02	-0.47	0.258
22.00	-43.91	-4.58	0.00	-486.39	0.00	486.39	2,939.69	1,469.85	4,059.17	2,004.67	1.12	-0.49	0.258
23.00	-43.58	-4.58	0.00	-481.80	0.00	481.80	2,930.40	1,465.20	4,027.23	1,988.90	1.23	-0.52	0.257
24.00	-43.24	-4.58	0.00	-477.22	0.00	477.22	2,921.06	1,460.53	3,995.36	1,973.16	1.34	-0.54	0.257
25.00	-42.91	-4.57	0.00	-472.65	0.00	472.65	2,911.68	1,455.84	3,963.55	1,957.45	1.45	-0.56	0.256
26.00	-42.58	-4.57	0.00	-468.07	0.00	468.07	2,902.26	1,451.13	3,931.80	1,941.77	1.57	-0.59	0.256
27.00	-42.25	-4.57	0.00	-463.50	0.00	463.50	2,892.80	1,446.40	3,900.13	1,926.13	1.70	-0.61	0.255
28.00	-41.92	-4.56	0.00	-458.94	0.00	458.94	2,883.30	1,441.65	3,868.52	1,910.51	1.83	-0.64	0.255
29.00	-41.59	-4.56	0.00	-454.37	0.00	454.37	2,873.76	1,436.88	3,836.98	1,894.94	1.97	-0.66	0.254
30.00	-41.27	-4.56	0.00	-449.81	0.00	449.81	2,864.17	1,432.08	3,805.50	1,879.40	2.11	-0.69	0.254
31.00	-40.94	-4.55	0.00	-445.26	0.00	445.26	2,854.54	1,427.27	3,774.10	1,863.89	2.25	-0.71	0.253
31.50	-40.78	-4.54	0.00	-442.98	0.00	442.98	2,849.71	1,424.85	3,758.42	1,856.14	2.33	-0.72	0.253
32.00	-40.54	-4.55	0.00	-440.71	0.00	440.71	2,844.87	1,422.44	3,742.77	1,848.41	2.41	-0.73	0.253
33.00	-40.08	-4.54	0.00	-436.17	0.00	436.17	2,833.35	1,416.67	3,709.14	1,831.80	2.56	-0.76	0.252
34.00	-39.62	-4.53	0.00	-431.63	0.00	431.63	2,819.40	1,409.70	3,672.50	1,813.71	2.72	-0.78	0.252
35.00	-39.17	-4.52	0.00	-427.10	0.00	427.10	2,805.45	1,402.73	3,636.04	1,795.70	2.89	-0.81	0.252
35.67	-38.86	-4.51	0.00	-424.09	0.00	424.09	2,236.05	1,118.02	2,957.98	1,460.83	3.01	-0.83	0.308
36.00	-38.76	-4.52	0.00	-422.58	0.00	422.58	2,233.83	1,116.91	2,950.20	1,456.99	3.06	-0.83	0.307
37.00	-38.46	-4.51	0.00	-418.07	0.00	418.07	2,227.14	1,113.57	2,926.84	1,445.46	3.24	-0.86	0.307
38.00	-38.16	-4.51	0.00	-413.55	0.00	413.55	2,220.41	1,110.20	2,903.52	1,433.94	3.42	-0.89	0.306
39.00	-37.86	-4.50	0.00	-409.04	0.00	409.04	2,213.64	1,106.82	2,880.23	1,422.44	3.61	-0.92	0.305
40.00	-37.56	-4.50	0.00	-404.54	0.00	404.54	2,206.82	1,103.41	2,856.98	1,410.96	3.81	-0.95	0.304
41.00	-37.26	-4.49	0.00	-400.04	0.00	400.04	2,199.97	1,099.98	2,833.76	1,399.49	4.01	-0.98	0.303
42.00	-36.96	-4.49	0.00	-395.55	0.00	395.55	2,193.07	1,096.54	2,810.58	1,388.04	4.22	-1.01	0.302
43.00	-36.66	-4.48	0.00	-391.06	0.00	391.06	2,186.13	1,093.07	2,787.44	1,376.61	4.43	-1.03	0.301
44.00	-36.36	-4.48	0.00	-386.58	0.00	386.58	2,179.15	1,089.58	2,764.33	1,365.20	4.65	-1.06	0.300
45.00	-36.07	-4.47	0.00	-382.10	0.00	382.10	2,172.13	1,086.07	2,741.26	1,353.81	4.88	-1.09	0.299
46.00	-35.77	-4.46	0.00	-377.63	0.00	377.63	2,165.07	1,082.54	2,718.23	1,342.43	5.11	-1.12	0.298
47.00	-35.48	-4.46	0.00	-373.17	0.00	373.17	2,157.97	1,078.98	2,695.24	1,331.08	5.35	-1.15	0.297
48.00	-35.18	-4.45	0.00	-368.71	0.00	368.71	2,150.82	1,075.41	2,672.30	1,319.75	5.59	-1.18	0.296

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 1.00 in Radial Ice

41 Iterations

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

Ice Dead Load Factor : 1.00

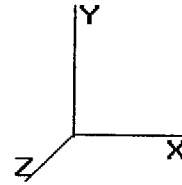
Wind Importance Factor : 1.00
 Ice Importance Factor : 1.00

104.00	-20.32	-3.74	0.00	-136.51	0.00	136.51	1,290.08	645.04	1,165.40	575.55	30.09	-3.08	0.253
105.00	-20.09	-3.73	0.00	-132.76	0.00	132.76	1,283.77	641.89	1,151.33	568.60	30.73	-3.12	0.249
106.00	-19.86	-3.71	0.00	-129.04	0.00	129.04	1,277.42	638.71	1,137.30	561.67	31.39	-3.15	0.245
107.00	-19.64	-3.69	0.00	-125.33	0.00	125.33	1,271.02	635.51	1,123.32	554.77	32.05	-3.19	0.241
108.00	-19.41	-3.67	0.00	-121.64	0.00	121.64	1,264.58	632.29	1,109.39	547.88	32.73	-3.22	0.237
109.00	-19.19	-3.65	0.00	-117.98	0.00	117.98	1,258.14	629.14	1,095.46	541.03	33.40	-3.26	0.234
110.00	-18.97	-3.62	0.00	-114.33	0.00	114.33	1,251.71	626.00	1,081.59	534.23	34.09	-3.29	0.230
110.00	-18.97	-3.63	0.00	-114.32	0.00	114.32	1,247.15	623.57	1,077.83	532.30	34.09	-3.29	0.230
111.00	-18.76	-3.61	0.00	-114.32	0.00	114.32	1,247.14	623.57	1,077.83	532.30	34.09	-3.29	0.230
112.00	-18.76	-3.61	0.00	-110.70	0.00	110.70	846.55	423.27	735.97	363.47	34.09	-3.29	0.337
112.00	-18.56	-3.60	0.00	-107.08	0.00	107.08	843.03	421.52	727.42	359.25	34.78	-3.32	0.330
113.00	-18.35	-3.58	0.00	-103.48	0.00	103.48	839.48	419.74	718.88	355.03	35.48	-3.37	0.324
114.00	-18.15	-3.57	0.00	-99.90	0.00	99.90	835.88	417.94	710.35	350.81	36.19	-3.41	0.317
115.00	-17.95	-3.55	0.00	-96.34	0.00	96.34	832.24	416.12	701.83	346.61	36.91	-3.45	0.310
116.00	-17.74	-3.53	0.00	-92.79	0.00	92.79	828.55	414.28	693.32	342.41	37.64	-3.50	0.303
117.00	-17.54	-3.51	0.00	-89.26	0.00	89.26	824.83	412.41	684.83	338.21	38.37	-3.54	0.296
118.00	-17.34	-3.50	0.00	-85.74	0.00	85.74	821.06	410.53	676.35	334.02	39.12	-3.58	0.289
119.00	-17.14	-3.48	0.00	-82.25	0.00	82.25	817.26	408.63	667.88	329.84	39.87	-3.62	0.281
120.00	-17.00	-3.35	0.00	-78.58	0.00	78.58	813.41	406.70	659.44	325.67	40.63	-3.66	0.274
121.00	-16.80	-3.33	0.00	-75.23	0.00	75.23	809.52	404.76	651.00	321.51	41.40	-3.70	0.265
122.00	-16.60	-3.31	0.00	-71.90	0.00	71.90	805.59	402.79	642.59	317.35	42.18	-3.74	0.258
123.00	-16.41	-3.29	0.00	-68.59	0.00	68.59	801.61	400.81	634.19	313.20	42.97	-3.77	0.250
124.00	-16.21	-3.27	0.00	-65.29	0.00	65.29	797.60	398.80	625.82	309.07	43.76	-3.81	0.243
125.00	-16.02	-3.25	0.00	-62.02	0.00	62.02	793.54	396.77	617.46	304.94	44.56	-3.85	0.235
126.00	-15.83	-3.22	0.00	-58.78	0.00	58.78	789.44	394.72	609.13	300.82	45.37	-3.88	0.227
127.00	-15.64	-3.19	0.00	-55.56	0.00	55.56	785.30	392.65	600.81	296.72	46.19	-3.91	0.218
128.00	-15.45	-3.16	0.00	-52.37	0.00	52.37	781.12	390.56	592.52	292.62	47.01	-3.95	0.210
129.00	-15.26	-3.14	0.00	-49.20	0.00	49.20	776.90	388.45	584.25	288.54	47.84	-3.98	0.201
130.00	-15.07	-3.11	0.00	-46.07	0.00	46.07	772.63	386.32	576.01	284.47	48.68	-4.01	0.193
131.00	-14.88	-3.08	0.00	-42.96	0.00	42.96	768.33	384.16	567.79	280.41	49.52	-4.04	0.184
132.00	-14.69	-3.05	0.00	-39.88	0.00	39.88	763.98	381.99	559.59	276.36	50.37	-4.07	0.175
133.00	-14.50	-3.02	0.00	-36.83	0.00	36.83	759.59	379.79	551.43	272.33	51.22	-4.10	0.166
134.00	-14.32	-2.99	0.00	-33.81	0.00	33.81	755.16	377.58	543.29	268.31	52.08	-4.12	0.157
135.00	-10.63	-2.23	0.00	-30.82	0.00	30.82	750.68	375.34	535.17	264.30	52.95	-4.15	0.147
136.00	-10.51	-2.21	0.00	-28.60	0.00	28.60	746.17	373.09	527.09	260.31	53.82	-4.17	0.133
137.00	-10.39	-2.19	0.00	-26.39	0.00	26.39	741.61	370.81	519.04	256.33	54.69	-4.19	0.126
138.00	-10.27	-2.16	0.00	-24.20	0.00	24.20	737.02	368.51	511.02	252.37	55.57	-4.21	0.119
139.00	-10.16	-2.14	0.00	-22.04	0.00	22.04	732.38	366.19	503.02	248.42	56.46	-4.23	0.111
140.00	-10.04	-2.12	0.00	-19.90	0.00	19.90	727.70	363.85	495.07	244.49	57.34	-4.25	0.104
141.00	-9.92	-2.10	0.00	-17.78	0.00	17.78	722.98	361.49	487.14	240.58	58.23	-4.27	0.097
142.00	-9.81	-2.08	0.00	-15.68	0.00	15.68	718.21	359.11	479.25	236.68	59.13	-4.28	0.089
143.00	-9.70	-2.06	0.00	-13.60	0.00	13.60	713.41	356.70	471.39	232.80	60.03	-4.30	0.081
144.00	-8.98	-1.91	0.00	-11.54	0.00	11.54	708.01	354.00	463.21	228.76	60.93	-4.31	0.073
145.00	-8.88	-1.88	0.00	-9.64	0.00	9.64	701.03	350.52	454.07	224.25	61.83	-4.32	0.064
146.00	-8.77	-1.86	0.00	-7.75	0.00	7.75	694.06	347.03	445.03	219.78	62.74	-4.33	0.057
147.00	-8.67	-1.84	0.00	-5.89	0.00	5.89	687.08	343.54	436.08	215.36	63.64	-4.34	0.049
148.00	-8.56	-1.82	0.00	-4.05	0.00	4.05	680.11	340.05	427.22	210.99	64.55	-4.35	0.041
149.00	-8.46	-1.79	0.00	-2.24	0.00	2.24	673.14	336.57	418.45	206.66	65.46	-4.35	0.032
150.00	0.00	-1.15	0.00	-0.44	0.00	0.44	666.16	333.08	409.77	202.37	66.37	-4.36	0.024
							659.19	329.59	401.19	198.13	67.29	-4.36	0.002

Pole : 302488
 Location: Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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 38 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

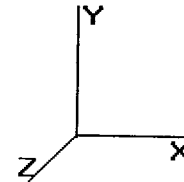
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	161.88	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	6.129	6.742	161.20	1.000	* 0.000	1.00	3.218	3.22	21.7	0.0	151.7
2.00		1.00	0.70	6.129	6.742	160.53	1.000	* 0.000	1.00	3.205	3.20	21.6	0.0	151.1
3.00		1.00	0.70	6.129	6.742	159.85	1.000	* 0.000	1.00	3.191	3.19	21.5	0.0	150.4
4.00		1.00	0.70	6.129	6.742	159.17	1.000	* 0.000	1.00	3.178	3.18	21.4	0.0	149.8
5.00		1.00	0.70	6.129	6.742	158.49	1.000	* 0.000	1.00	3.164	3.16	21.3	0.0	149.2
6.00		1.00	0.70	6.129	6.742	157.81	1.000	* 0.000	1.00	3.151	3.15	21.2	0.0	148.5
7.00		1.00	0.70	6.129	6.742	157.13	1.000	* 0.000	1.00	3.137	3.14	21.1	0.0	147.9
8.00		1.00	0.70	6.129	6.742	156.45	1.000	* 0.000	1.00	3.123	3.12	21.1	0.0	147.2
9.00		1.00	0.70	6.129	6.742	155.78	1.000	* 0.000	1.00	3.110	3.11	21.0	0.0	146.6
10.00	Appertunance(s)	1.00	0.70	6.129	6.742	155.10	1.000	* 0.000	1.00	3.096	3.10	20.9	0.0	145.9
11.00		1.00	0.70	6.129	6.742	154.42	1.000	* 0.000	1.00	3.083	3.08	20.8	0.0	145.3
12.00		1.00	0.70	6.129	6.742	153.74	1.000	* 0.000	1.00	3.069	3.07	20.7	0.0	144.6
13.00		1.00	0.70	6.129	6.742	153.06	1.000	* 0.000	1.00	3.056	3.06	20.6	0.0	144.0
14.00		1.00	0.70	6.129	6.742	152.38	1.000	* 0.000	1.00	3.042	3.04	20.5	0.0	143.4
15.00		1.00	0.70	6.129	6.742	151.70	1.000	* 0.000	1.00	3.029	3.03	20.4	0.0	142.7
16.00		1.00	0.70	6.129	6.742	151.02	1.000	* 0.000	1.00	3.015	3.02	20.3	0.0	142.1
17.00		1.00	0.70	6.129	6.742	150.35	1.000	* 0.000	1.00	3.002	3.00	20.2	0.0	141.4
18.00		1.00	0.70	6.129	6.742	149.67	1.000	* 0.000	1.00	2.988	2.99	20.1	0.0	140.8
19.00		1.00	0.70	6.129	6.742	148.99	1.000	* 0.000	1.00	2.975	2.97	20.1	0.0	140.1
20.00		1.00	0.70	6.129	6.742	148.31	1.000	* 0.000	1.00	2.961	2.96	20.0	0.0	139.5
21.00		1.00	0.70	6.129	6.742	147.63	1.000	* 0.000	1.00	2.948	2.95	19.9	0.0	138.8
22.00		1.00	0.70	6.129	6.742	146.95	1.000	* 0.000	1.00	2.934	2.93	19.8	0.0	138.2
23.00		1.00	0.70	6.129	6.742	146.27	1.000	* 0.000	1.00	2.921	2.92	19.7	0.0	137.6
24.00		1.00	0.70	6.129	6.742	145.60	1.000	* 0.000	1.00	2.907	2.91	19.6	0.0	136.9
25.00		1.00	0.70	6.129	6.742	144.92	1.000	* 0.000	1.00	2.894	2.89	19.5	0.0	136.3
26.00		1.00	0.70	6.129	6.742	144.24	1.000	* 0.000	1.00	2.880	2.88	19.4	0.0	135.6
27.00		1.00	0.70	6.129	6.742	143.56	1.000	* 0.000	1.00	2.867	2.87	19.3	0.0	135.0
28.00		1.00	0.70	6.129	6.742	142.88	1.000	* 0.000	1.00	2.853	2.85	19.2	0.0	134.3
29.00		1.00	0.70	6.129	6.742	142.20	1.000	* 0.000	1.00	2.840	2.84	19.1	0.0	133.7
30.00		1.00	0.70	6.134	6.747	141.58	1.000	* 0.000	1.00	2.826	2.83	19.1	0.0	133.1
31.00		1.00	0.70	6.192	6.811	141.57	1.000	* 0.000	1.00	2.813	2.81	19.2	0.0	132.4
31.50	Bot - Section 2	1.00	0.71	6.220	6.842	141.55	1.000	* 0.000	0.50	1.402	1.40	9.6	0.0	66.0
32.00		1.00	0.71	6.248	6.873	141.52	1.000	* 0.000	0.50	1.424	1.42	9.8	0.0	121.8
33.00		1.00	0.72	6.303	6.933	141.46	1.000	* 0.000	1.00	2.840	2.84	19.7	0.0	242.9
34.00		1.00	0.72	6.357	6.993	141.37	1.000	* 0.000	1.00	2.826	2.83	19.8	0.0	241.7
35.00		1.00	0.73	6.410	7.051	141.26	1.000	* 0.000	1.00	2.812	2.81	19.8	0.0	240.6
35.67	Top - Section 1	1.00	0.73	6.445	7.089	141.18	1.000	* 0.000	0.67	1.868	1.87	13.2	0.0	159.8
36.00		1.00	0.73	6.462	7.108	143.92	1.000	* 0.000	0.33	0.931	0.93	6.6	0.0	36.6
37.00		1.00	0.74	6.513	7.164	143.79	1.000	* 0.000	1.00	2.785	2.79	20.0	0.0	109.7
38.00		1.00	0.75	6.562	7.219	143.63	1.000	* 0.000	1.00	2.772	2.77	20.0	0.0	109.1
39.00		1.00	0.75	6.611	7.272	143.46	1.000	* 0.000	1.00	2.758	2.76	20.1	0.0	108.6
40.00		1.00	0.76	6.659	7.325	143.27	1.000	* 0.000	1.00	2.745	2.74	20.1	0.0	108.0
41.00		1.00	0.76	6.706	7.377	143.07	1.000	* 0.000	1.00	2.731	2.73	20.1	0.0	107.5
42.00		1.00	0.77	6.753	7.428	142.85	1.000	* 0.000	1.00	2.718	2.72	20.2	0.0	107.0
43.00		1.00	0.77	6.798	7.478	142.62	1.000	* 0.000	1.00	2.704	2.70	20.2	0.0	106.4
44.00		1.00	0.78	6.843	7.527	142.37	1.000	* 0.000	1.00	2.691	2.69	20.3	0.0	105.9
45.00		1.00	0.78	6.887	7.576	142.11	1.000	* 0.000	1.00	2.677	2.68	20.3	0.0	105.4
46.00		1.00	0.79	6.931	7.624	141.83	1.000	* 0.000	1.00	2.664	2.66	20.3	0.0	104.8
47.00		1.00	0.79	6.973	7.671	141.55	1.000	* 0.000	1.00	2.650	2.65	20.3	0.0	104.3
48.00		1.00	0.80	7.015	7.717	141.25	1.000	* 0.000	1.00	2.637	2.64	20.3	0.0	103.7

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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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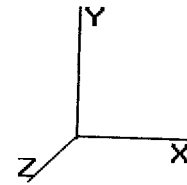
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	38 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.0	1.00	0.99	8.750	9.625	114.92	1.000	* 0.000	1.00	1.923	1.92	18.5	0.0	60.4	
105.0	1.00	1.00	8.774	9.651	114.26	1.000	* 0.000	1.00	1.909	1.91	18.4	0.0	59.9	
106.0	1.00	1.00	8.797	9.677	113.61	1.000	* 0.000	1.00	1.896	1.90	18.3	0.0	59.5	
107.0	1.00	1.00	8.821	9.703	112.94	1.000	* 0.000	1.00	1.882	1.88	18.3	0.0	59.1	
108.0	1.00	1.01	8.845	9.729	112.28	1.000	* 0.000	1.00	1.869	1.87	18.2	0.0	58.6	
109.0	1.00	1.01	8.868	9.755	111.61	1.000	* 0.000	1.00	1.855	1.86	18.1	0.0	58.2	
110.0	1.00	1.01	8.891	9.780	110.94	1.000	* 0.000	1.00	1.842	1.84	18.0	0.0	57.8	
110.0	Top - Section 3	1.00	1.01	8.891	9.780	110.94	1.000	* 0.000	0.00	0.001	0.00	0.0	0.0	
111.0	1.00	1.01	8.914	9.805	110.26	1.000	* 0.000	1.00	1.827	1.83	17.9	0.0	43.1	
112.0	1.00	1.02	8.937	9.831	109.59	1.000	* 0.000	1.00	1.815	1.81	17.8	0.0	42.8	
113.0	1.00	1.02	8.960	9.856	108.90	1.000	* 0.000	1.00	1.801	1.80	17.8	0.0	42.5	
114.0	1.00	1.02	8.982	9.880	108.22	1.000	* 0.000	1.00	1.788	1.79	17.7	0.0	42.2	
115.0	1.00	1.02	9.005	9.905	107.53	1.000	* 0.000	1.00	1.774	1.77	17.6	0.0	41.9	
116.0	1.00	1.03	9.027	9.930	106.84	1.000	* 0.000	1.00	1.761	1.76	17.5	0.0	41.5	
117.0	1.00	1.03	9.049	9.954	106.15	1.000	* 0.000	1.00	1.747	1.75	17.4	0.0	41.2	
118.0	1.00	1.03	9.071	9.978	105.45	1.000	* 0.000	1.00	1.733	1.73	17.3	0.0	40.9	
119.0	1.00	1.03	9.093	10.00	104.75	1.000	* 0.000	1.00	1.720	1.72	17.2	0.0	40.6	
120.0	Appertunance(s)	1.00	1.04	9.115	10.02	104.05	1.000	* 0.000	1.00	1.706	1.71	17.1	0.0	40.3
121.0	1.00	1.04	9.136	10.05	103.34	1.000	* 0.000	1.00	1.693	1.69	17.0	0.0	39.9	
122.0	1.00	1.04	9.158	10.07	102.64	1.000	* 0.000	1.00	1.679	1.68	16.9	0.0	39.6	
123.0	1.00	1.04	9.179	10.09	101.93	1.000	* 0.000	1.00	1.666	1.67	16.8	0.0	39.3	
124.0	1.00	1.05	9.201	10.12	101.21	1.000	* 0.000	1.00	1.652	1.65	16.7	0.0	39.0	
125.0	1.00	1.05	9.222	10.14	100.50	1.200	* 0.000	1.00	1.639	1.63	16.6	0.0	38.6	
126.0	1.00	1.05	9.243	10.16	99.781	1.200	* 0.000	1.00	1.625	1.62	16.5	0.0	38.3	
127.0	1.00	1.05	9.264	10.19	99.059	1.200	* 0.000	1.00	1.612	1.61	16.4	0.0	38.0	
128.0	1.00	1.06	9.284	10.21	98.335	1.200	* 0.000	1.00	1.598	1.60	16.3	0.0	37.7	
129.0	1.00	1.06	9.305	10.23	97.608	1.200	* 0.000	1.00	1.585	1.59	16.2	0.0	37.4	
130.0	1.00	1.06	9.326	10.25	96.879	1.200	* 0.000	1.00	1.571	1.57	16.1	0.0	37.0	
131.0	1.00	1.06	9.346	10.28	96.147	1.200	* 0.000	1.00	1.558	1.56	16.0	0.0	36.7	
132.0	1.00	1.07	9.366	10.30	95.412	1.200	* 0.000	1.00	1.544	1.54	15.9	0.0	36.4	
133.0	1.00	1.07	9.387	10.32	94.675	1.200	* 0.000	1.00	1.531	1.53	15.8	0.0	36.1	
134.0	1.00	1.07	9.407	10.34	93.936	1.200	* 0.000	1.00	1.517	1.52	15.7	0.0	35.7	
135.0	Appertunance(s)	1.00	1.07	9.427	10.36	93.194	1.200	* 0.000	1.00	1.504	1.50	15.6	0.0	35.4
136.0	1.00	1.07	9.447	10.39	92.450	1.000	0.000	1.00	1.490	1.49	15.5	0.0	35.1	
137.0	1.00	1.08	9.466	10.41	91.703	1.000	0.000	1.00	1.477	1.48	15.4	0.0	34.8	
138.0	1.00	1.08	9.486	10.43	90.954	1.000	0.000	1.00	1.463	1.46	15.3	0.0	34.5	
139.0	1.00	1.08	9.506	10.45	90.202	1.000	0.000	1.00	1.450	1.45	15.2	0.0	34.1	
140.0	1.00	1.08	9.525	10.47	89.449	1.000	0.000	1.00	1.436	1.44	15.1	0.0	33.8	
141.0	1.00	1.09	9.545	10.49	88.693	1.000	0.000	1.00	1.423	1.42	14.9	0.0	33.5	
142.0	1.00	1.09	9.564	10.52	87.935	1.000	0.000	1.00	1.409	1.41	14.8	0.0	33.2	
143.0	1.00	1.09	9.583	10.54	87.174	1.000	0.000	1.00	1.395	1.40	14.7	0.0	32.8	
144.0	Appertunance(s)	1.00	1.09	9.602	10.56	86.411	1.000	0.000	1.00	1.382	1.38	14.6	0.0	32.5
145.0	1.00	1.09	9.621	10.58	85.647	1.000	0.000	1.00	1.368	1.37	14.5	0.0	32.2	
146.0	1.00	1.10	9.640	10.60	84.880	1.000	0.000	1.00	1.355	1.35	14.4	0.0	31.9	
147.0	1.00	1.10	9.659	10.62	84.110	1.000	0.000	1.00	1.341	1.34	14.3	0.0	31.6	
148.0	1.00	1.10	9.678	10.64	83.339	1.000	0.000	1.00	1.328	1.33	14.1	0.0	31.2	
149.0	1.00	1.10	9.696	10.66	82.566	1.000	0.000	1.00	1.314	1.31	14.0	0.0	30.9	
150.0	Appertunance(s)	1.00	1.11	9.715	10.68	81.790	1.000	0.000	1.00	1.301	1.30	13.9	0.0	30.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:	150.00		2,869.5	0.0	13,378.9	

Pole : 302488
 Location : Crtn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

38 Iterations

Gust Response Factor : 1.10

Dead Load Factor : 1.00

Wind Importance Factor : 1.00

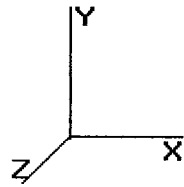
Wind Load Factor : 1.00

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)
10.00	Channel Master Type	1	6.129	6.742	1.00	1.00	20.19	0.000	0.000				
120.0	Side Arm	1	9.115	10.026	1.00	1.00	4.00	0.000	0.000	136.11	0.00	0.00	126.00
120.0	Telewave ANT450D6-9	1	9.178	10.096	1.00	1.00	4.30	0.000	0.000	40.11	0.00	0.00	50.00
135.0	Low Profile Platform	1	9.427	10.369	1.00	1.00	26.10	0.000	0.000	43.41	0.00	128.43	18.00
135.0	RFS APX16DWV-	3	9.427	10.369	0.53	0.80	9.63	0.000	0.000	270.64	0.00	0.00	1,500.00
135.0	RFS ATMAA1412D-	3	9.427	10.369	0.26	0.80	0.93	0.000	0.000	99.87	0.00	0.00	118.80
135.0	RFS ATMPP1412D-	3	9.427	10.369	0.26	0.80	0.93	0.000	0.000	9.61	0.00	0.00	39.00
144.0	RFS APXV18-206517S-	3	9.602	10.562	0.54	0.80	8.42	0.000	0.000	9.61	0.00	0.00	36.00
150.0	12' Omni	1	9.824	10.807	0.75	0.75	2.70	0.000	0.000	88.95	0.00	0.00	79.20
150.0	6' Yagi	1	9.715	10.686	0.75	0.75	4.50	0.000	0.000	29.18	0.00	175.07	25.00
150.0	Andrew ABT-DMDF-	1	9.715	10.686	0.25	0.75	0.01	0.000	0.000	48.09	0.00	0.00	20.00
150.0	Ericsson RRUS 11	6	9.715	10.686	0.25	0.75	3.82	0.000	0.000	0.13	0.00	0.00	1.10
150.0	Flat Platform w/ Han	1	9.715	10.686	0.95	1.00	40.28	0.000	0.000	40.78	0.00	0.00	300.00
150.0	Powerwave 7770.00A	6	9.715	10.686	0.57	0.75	19.02	0.000	0.000	430.44	0.00	0.00	2,000.00
150.0	Powerwave P65-17-	3	9.715	10.686	0.50	0.75	17.28	0.000	0.000	203.20	0.00	0.00	210.00
150.0	Powerwave TT19-	6	9.715	10.686	0.25	0.75	0.82	0.000	0.000	184.62	0.00	0.00	177.00
150.0	Telewave ANT450D6-9	1	9.769	10.746	0.75	0.75	3.23	0.000	2.958	8.73	0.00	0.00	96.00
										34.66	0.00	102.52	18.00
										1,678.13			4,814.10

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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 Shape : 12 Sides
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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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 Page: 48

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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	38 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces (Factored)

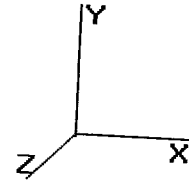
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.103	1.008	0.00	9.84
2.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.103	1.009	0.00	9.84
3.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.103	1.010	0.00	9.84
4.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.104	1.012	0.00	9.84
5.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.104	1.013	0.00	9.84
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.105	1.014	0.00	9.84
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.105	1.016	0.00	9.84
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.106	1.017	0.00	9.84
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.106	1.018	0.00	9.84
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.107	1.020	0.00	9.84
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.107	1.021	0.00	9.84
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.108	1.023	0.00	9.84
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.108	1.024	0.00	9.84
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.108	1.025	0.00	9.84
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.109	1.027	0.00	9.84
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.109	1.028	0.00	9.84
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.110	1.030	0.00	9.84
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.110	1.031	0.00	9.84
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.111	1.033	0.00	9.84
20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.111	1.034	0.00	9.84
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.112	1.036	0.00	9.84
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.112	1.037	0.00	9.84
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.113	1.039	0.00	9.84
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.114	1.041	0.00	9.84
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.114	1.042	0.00	9.84
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.115	1.044	0.00	9.84
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.115	1.045	0.00	9.84
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.116	1.047	0.00	9.84
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.116	1.049	0.00	9.84
30.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.134	0.117	1.050	0.00	9.84
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.192	0.117	1.052	0.00	9.84
31.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	6.220	0.118	1.053	0.00	4.92
32.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.16	0.00	6.248	0.118	1.054	0.00	4.92
33.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.303	0.118	1.055	0.00	9.84
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.357	0.119	1.057	0.00	9.84
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.410	0.120	1.059	0.00	9.84
35.67	(12) 1 5/8" Coax	Yes	0.67	0.000	3.96	0.22	0.00	6.445	0.120	1.060	0.00	6.56
36.00	(12) 1 5/8" Coax	Yes	0.33	0.000	3.96	0.11	0.00	6.462	0.118	1.054	0.00	3.28
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.513	0.118	1.055	0.00	9.84
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.562	0.119	1.057	0.00	9.84
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.611	0.120	1.059	0.00	9.84
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.659	0.120	1.061	0.00	9.84
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.706	0.121	1.062	0.00	9.84
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.753	0.121	1.064	0.00	9.84
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.798	0.122	1.066	0.00	9.84
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.843	0.123	1.068	0.00	9.84
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.887	0.123	1.070	0.00	9.84
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.931	0.124	1.072	0.00	9.84
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.973	0.125	1.074	0.00	9.84
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.015	0.125	1.075	0.00	9.84
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.057	0.126	1.077	0.00	9.84

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

38 Iterations

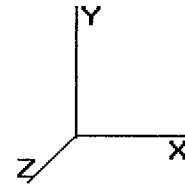
Gust Response Factor : 1.10
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

Wind Importance Factor : 1.00

50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.098	0.126	1.079	0.00	9.84
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.138	0.127	1.081	0.00	9.84
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.178	0.128	1.083	0.00	9.84
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.217	0.128	1.085	0.00	9.84
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.255	0.129	1.087	0.00	9.84
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.294	0.130	1.089	0.00	9.84
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.331	0.131	1.092	0.00	9.84
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.368	0.131	1.094	0.00	9.84
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.405	0.132	1.096	0.00	9.84
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.441	0.133	1.098	0.00	9.84
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.477	0.133	1.100	0.00	9.84
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.513	0.134	1.102	0.00	9.84
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.548	0.135	1.105	0.00	9.84
63.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.582	0.136	1.107	0.00	9.84
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.616	0.136	1.109	0.00	9.84
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.650	0.137	1.111	0.00	9.84
66.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.684	0.138	1.114	0.00	9.84
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.717	0.139	1.116	0.00	9.84
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.749	0.139	1.118	0.00	9.84
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.782	0.140	1.121	0.00	9.84
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.814	0.141	1.123	0.00	9.84
70.00	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	7.814	0.141	1.124	0.00	9.84
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.846	0.142	1.126	0.00	9.84
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.877	0.143	1.128	0.00	9.84
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.908	0.144	1.131	0.00	9.84
73.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	7.924	0.144	1.133	0.00	9.84
74.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.16	0.00	7.939	0.142	1.126	0.00	4.92
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	7.969	0.143	1.128	0.00	4.92
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.000	0.143	1.130	0.00	9.84
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.030	0.144	1.133	0.00	9.84
78.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.059	0.145	1.135	0.00	9.84
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.089	0.146	1.138	0.00	9.84
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.118	0.147	1.141	0.00	9.84
81.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.147	0.148	1.143	0.00	9.84
82.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.175	0.149	1.146	0.00	9.84
83.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.204	0.150	1.149	0.00	9.84
84.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.232	0.150	1.151	0.00	9.84
85.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.260	0.151	1.154	0.00	9.84
86.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.287	0.152	1.157	0.00	9.84
87.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.315	0.153	1.160	0.00	9.84
88.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.342	0.154	1.163	0.00	9.84
89.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.369	0.155	1.166	0.00	9.84
90.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.396	0.156	1.169	0.00	9.84
91.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.422	0.157	1.172	0.00	9.84
92.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.448	0.158	1.175	0.00	9.84
93.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.475	0.159	1.178	0.00	9.84
94.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.501	0.160	1.181	0.00	9.84
95.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.526	0.161	1.184	0.00	9.84
96.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.552	0.162	1.187	0.00	9.84
97.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.577	0.164	1.191	0.00	9.84
98.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.602	0.165	1.194	0.00	9.84
99.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.627	0.166	1.197	0.00	9.84
100.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.652	0.167	1.201	0.00	9.84
101.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.677	0.168	1.204	0.00	9.84
102.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.701	0.169	1.208	0.00	9.84
103.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.726	0.170	1.211	0.00	9.84
104.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.750	0.172	1.215	0.00	9.84

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

38 Iterations

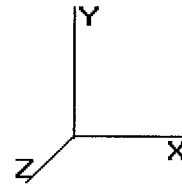
Gust Response Factor : 1.10
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

Wind Importance Factor : 1.00

105.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.774	0.173	1.219	0.00	9.84
106.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.797	0.174	1.222	0.00	9.84
107.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.821	0.175	1.226	0.00	9.84
108.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.845	0.177	1.230	0.00	9.84
109.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.868	0.178	1.234	0.00	9.84
110.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.891	0.179	1.238	0.00	9.84
110.0	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	8.891	0.180	1.240	0.00	0.00
111.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.914	0.181	1.242	0.00	9.84
112.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.937	0.182	1.246	0.00	9.84
113.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.960	0.183	1.250	0.00	9.84
114.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	8.982	0.185	1.254	0.00	9.84
115.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.005	0.186	1.258	0.00	9.84
116.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.027	0.187	1.262	0.00	9.84
117.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.049	0.189	1.267	0.00	9.84
118.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.071	0.190	1.271	0.00	9.84
119.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.093	0.192	1.276	0.00	9.84
120.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.115	0.193	1.280	0.00	9.84
121.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.136	0.195	1.285	0.00	9.84
122.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.158	0.196	1.289	0.00	9.84
123.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.179	0.198	1.294	0.00	9.84
124.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	9.201	0.200	1.299	0.00	9.84
125.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.222	0.201	0.000	4.02	9.84
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.243	0.203	0.000	4.03	9.84
127.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.264	0.205	0.000	4.04	9.84
128.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.284	0.206	0.000	4.04	9.84
129.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.305	0.208	0.000	4.05	9.84
130.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.326	0.210	0.000	4.06	9.84
131.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.346	0.212	0.000	4.07	9.84
132.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.366	0.214	0.000	4.08	9.84
133.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.387	0.216	0.000	4.09	9.84
134.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.407	0.218	0.000	4.10	9.84
135.0	(12) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.427	0.219	0.000	4.11	9.84
Totals:											44.68	1,328.24

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

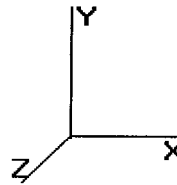
Applied Segment Forces Summary

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
1.00	21.70	178.73	0.00	0.00
2.00	21.60	178.09	0.00	0.00
3.00	21.51	177.45	0.00	0.00
4.00	21.42	176.80	0.00	0.00
5.00	21.33	176.16	0.00	0.00
6.00	21.24	175.51	0.00	0.00
7.00	21.15	174.87	0.00	0.00
8.00	21.06	174.23	0.00	0.00
9.00	20.97	173.58	0.00	0.00
10.00	156.99	298.94	0.00	0.00
11.00	20.78	172.26	0.00	0.00
12.00	20.69	171.62	0.00	0.00
13.00	20.60	170.98	0.00	0.00
14.00	20.51	170.33	0.00	0.00
15.00	20.42	169.69	0.00	0.00
16.00	20.33	169.05	0.00	0.00
17.00	20.24	168.40	0.00	0.00
18.00	20.15	167.76	0.00	0.00
19.00	20.05	167.11	0.00	0.00
20.00	19.96	166.47	0.00	0.00
21.00	19.87	165.83	0.00	0.00
22.00	19.78	165.18	0.00	0.00
23.00	19.69	164.54	0.00	0.00
24.00	19.60	163.89	0.00	0.00
25.00	19.51	163.25	0.00	0.00
26.00	19.42	162.61	0.00	0.00
27.00	19.33	161.96	0.00	0.00
28.00	19.23	161.32	0.00	0.00
29.00	19.14	160.67	0.00	0.00
30.00	19.07	160.03	0.00	0.00
31.00	19.16	159.39	0.00	0.00
31.50	9.59	79.51	0.00	0.00
32.00	9.79	135.30	0.00	0.00
33.00	19.69	269.90	0.00	0.00
34.00	19.76	268.72	0.00	0.00
35.00	19.83	267.54	0.00	0.00
35.67	13.25	177.79	0.00	0.00
36.00	6.61	45.62	0.00	0.00
37.00	19.95	136.63	0.00	0.00
38.00	20.01	136.09	0.00	0.00
39.00	20.06	135.56	0.00	0.00
40.00	20.11	135.02	0.00	0.00
41.00	20.15	134.48	0.00	0.00
42.00	20.19	133.94	0.00	0.00
43.00	20.22	133.41	0.00	0.00
44.00	20.25	132.87	0.00	0.00
45.00	20.28	132.33	0.00	0.00
46.00	20.31	131.79	0.00	0.00
47.00	20.33	131.26	0.00	0.00

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

38 Iterations

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

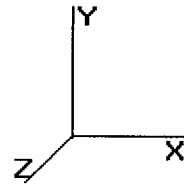
Wind Importance Factor : 1.00

48.00	20.35	130.72	0.00	0.00
49.00	20.36	130.18	0.00	0.00
50.00	20.37	129.64	0.00	0.00
51.00	20.38	129.11	0.00	0.00
52.00	20.39	128.57	0.00	0.00
53.00	20.39	128.03	0.00	0.00
54.00	20.40	127.49	0.00	0.00
55.00	20.39	126.96	0.00	0.00
56.00	20.39	126.42	0.00	0.00
57.00	20.39	125.88	0.00	0.00
58.00	20.38	125.34	0.00	0.00
59.00	20.37	124.81	0.00	0.00
60.00	20.35	124.27	0.00	0.00
61.00	20.34	123.73	0.00	0.00
62.00	20.32	123.19	0.00	0.00
63.00	20.30	122.66	0.00	0.00
64.00	20.28	122.12	0.00	0.00
65.00	20.25	121.58	0.00	0.00
66.00	20.23	121.04	0.00	0.00
67.00	20.20	120.51	0.00	0.00
68.00	20.17	119.97	0.00	0.00
69.00	20.14	119.43	0.00	0.00
70.00	20.11	118.90	0.00	0.00
70.00	0.01	0.04	0.00	0.00
71.00	20.44	192.82	0.00	0.00
72.00	20.41	191.92	0.00	0.00
73.00	20.37	190.95	0.00	0.00
73.50	10.17	95.18	0.00	0.00
74.00	10.14	50.02	0.00	0.00
75.00	20.29	99.79	0.00	0.00
76.00	20.25	99.36	0.00	0.00
77.00	20.21	98.93	0.00	0.00
78.00	20.16	98.50	0.00	0.00
79.00	20.11	98.07	0.00	0.00
80.00	20.07	97.64	0.00	0.00
81.00	20.02	97.21	0.00	0.00
82.00	19.97	96.79	0.00	0.00
83.00	19.91	96.36	0.00	0.00
84.00	19.86	95.93	0.00	0.00
85.00	19.80	95.50	0.00	0.00
86.00	19.75	95.07	0.00	0.00
87.00	19.69	94.64	0.00	0.00
88.00	19.63	94.21	0.00	0.00
89.00	19.57	93.78	0.00	0.00
90.00	19.50	93.35	0.00	0.00
91.00	19.44	92.92	0.00	0.00
92.00	19.38	92.49	0.00	0.00
93.00	19.31	92.06	0.00	0.00
94.00	19.24	91.63	0.00	0.00
95.00	19.17	91.20	0.00	0.00
96.00	19.10	90.78	0.00	0.00
97.00	19.03	90.35	0.00	0.00
98.00	18.96	89.92	0.00	0.00
99.00	18.89	89.49	0.00	0.00
100.0	18.81	89.06	0.00	0.00
101.0	18.74	88.63	0.00	0.00
102.0	18.66	88.20	0.00	0.00

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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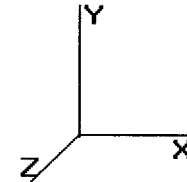
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	38 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

103.0	18.58	87.77	0.00	0.00
104.0	18.51	87.34	0.00	0.00
105.0	18.43	86.91	0.00	0.00
106.0	18.35	86.48	0.00	0.00
107.0	18.26	86.05	0.00	0.00
108.0	18.18	85.62	0.00	0.00
109.0	18.10	85.20	0.00	0.00
110.0	18.01	84.77	0.00	0.00
110.0	0.01	0.03	0.00	0.00
111.0	17.92	70.10	0.00	0.00
112.0	17.84	69.80	0.00	0.00
113.0	17.75	69.48	0.00	0.00
114.0	17.66	69.16	0.00	0.00
115.0	17.57	68.84	0.00	0.00
116.0	17.48	68.52	0.00	0.00
117.0	17.39	68.19	0.00	0.00
118.0	17.30	67.87	0.00	0.00
119.0	17.20	67.55	0.00	0.00
120.0	100.63	135.23	0.00	128.43
121.0	17.01	66.58	0.00	0.00
122.0	16.92	66.25	0.00	0.00
123.0	16.82	65.93	0.00	0.00
124.0	16.72	65.61	0.00	0.00
125.0	23.97	65.29	0.00	0.00
126.0	23.86	64.97	0.00	0.00
127.0	23.74	64.64	0.00	0.00
128.0	23.63	64.32	0.00	0.00
129.0	23.52	64.00	0.00	0.00
130.0	23.40	63.68	0.00	0.00
131.0	23.29	63.36	0.00	0.00
132.0	23.17	63.03	0.00	0.00
133.0	23.05	62.71	0.00	0.00
134.0	22.94	62.39	0.00	0.00
135.0	412.54	1,755.87	0.00	0.00
136.0	15.48	51.91	0.00	0.00
137.0	15.38	51.59	0.00	0.00
138.0	15.27	51.26	0.00	0.00
139.0	15.16	50.94	0.00	0.00
140.0	15.05	50.62	0.00	0.00
141.0	14.94	50.30	0.00	0.00
142.0	14.82	49.98	0.00	0.00
143.0	14.71	49.65	0.00	0.00
144.0	103.54	128.53	0.00	0.00
145.0	14.48	44.09	0.00	0.00
146.0	14.37	43.77	0.00	0.00
147.0	14.25	43.45	0.00	0.00
148.0	14.14	43.12	0.00	0.00
149.0	14.02	42.80	0.00	0.00
150.0	993.73	2,889.58	0.00	277.59
Totals:	4,592.28	22,052.98	0.00	406.03

Pole : 302488
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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

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

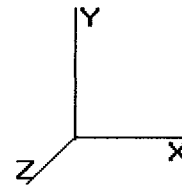
Wind Importance Factor : 1.00

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	-22.05	-4.59	0.00	-469.97	0.00	469.97	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.206
1.00	-21.87	-4.58	0.00	-465.37	0.00	465.37	3,125.28	1,562.64	4,743.31	2,342.54	0.00	-0.02	0.206
2.00	-21.69	-4.56	0.00	-460.80	0.00	460.80	3,116.86	1,558.43	4,710.21	2,326.19	0.01	-0.03	0.205
3.00	-21.51	-4.55	0.00	-456.23	0.00	456.23	3,108.40	1,554.20	4,677.15	2,309.87	0.02	-0.05	0.204
4.00	-21.34	-4.53	0.00	-451.69	0.00	451.69	3,099.89	1,549.95	4,644.15	2,293.57	0.03	-0.07	0.204
5.00	-21.16	-4.52	0.00	-447.15	0.00	447.15	3,091.34	1,545.67	4,611.19	2,277.29	0.05	-0.09	0.203
6.00	-20.98	-4.50	0.00	-442.64	0.00	442.64	3,082.76	1,541.38	4,578.28	2,261.04	0.07	-0.10	0.203
7.00	-20.81	-4.49	0.00	-438.13	0.00	438.13	3,074.13	1,537.06	4,545.42	2,244.81	0.09	-0.12	0.202
8.00	-20.63	-4.47	0.00	-433.65	0.00	433.65	3,065.46	1,532.73	4,512.62	2,228.61	0.12	-0.14	0.201
9.00	-20.45	-4.46	0.00	-429.18	0.00	429.18	3,056.74	1,528.37	4,479.86	2,212.44	0.15	-0.16	0.201
10.00	-20.15	-4.30	0.00	-424.72	0.00	424.72	3,047.99	1,523.99	4,447.16	2,196.29	0.18	-0.17	0.200
11.00	-19.98	-4.29	0.00	-420.41	0.00	420.41	3,039.19	1,519.60	4,414.51	2,180.16	0.22	-0.19	0.199
12.00	-19.81	-4.27	0.00	-416.13	0.00	416.13	3,030.36	1,515.18	4,381.92	2,164.07	0.26	-0.21	0.199
13.00	-19.64	-4.26	0.00	-411.85	0.00	411.85	3,021.48	1,510.74	4,349.38	2,148.00	0.31	-0.23	0.198
14.00	-19.46	-4.24	0.00	-407.59	0.00	407.59	3,012.56	1,506.28	4,316.90	2,131.96	0.36	-0.24	0.198
15.00	-19.29	-4.23	0.00	-403.35	0.00	403.35	3,003.59	1,501.80	4,284.48	2,115.94	0.41	-0.26	0.197
16.00	-19.12	-4.21	0.00	-399.12	0.00	399.12	2,994.59	1,497.30	4,252.11	2,099.96	0.46	-0.28	0.196
17.00	-18.95	-4.20	0.00	-394.91	0.00	394.91	2,985.55	1,492.77	4,219.80	2,084.00	0.52	-0.30	0.196
18.00	-18.79	-4.18	0.00	-390.71	0.00	390.71	2,976.46	1,488.23	4,187.55	2,068.08	0.59	-0.31	0.195
19.00	-18.62	-4.17	0.00	-386.52	0.00	386.52	2,967.33	1,483.66	4,155.37	2,052.18	0.66	-0.33	0.195
20.00	-18.45	-4.15	0.00	-382.36	0.00	382.36	2,958.16	1,479.08	4,123.24	2,036.31	0.73	-0.35	0.194
21.00	-18.28	-4.14	0.00	-378.20	0.00	378.20	2,948.95	1,474.47	4,091.17	2,020.48	0.80	-0.37	0.193
22.00	-18.12	-4.12	0.00	-374.07	0.00	374.07	2,939.69	1,469.85	4,059.17	2,004.67	0.88	-0.39	0.193
23.00	-17.95	-4.11	0.00	-369.94	0.00	369.94	2,930.40	1,465.20	4,027.23	1,988.90	0.97	-0.40	0.192
24.00	-17.79	-4.09	0.00	-365.84	0.00	365.84	2,921.06	1,460.53	3,995.36	1,973.16	1.05	-0.42	0.192
25.00	-17.62	-4.08	0.00	-361.74	0.00	361.74	2,911.68	1,455.84	3,963.55	1,957.45	1.14	-0.44	0.191
26.00	-17.46	-4.06	0.00	-357.67	0.00	357.67	2,902.26	1,451.13	3,931.80	1,941.77	1.24	-0.46	0.190
27.00	-17.29	-4.05	0.00	-353.60	0.00	353.60	2,892.80	1,446.40	3,900.13	1,926.13	1.34	-0.48	0.190
28.00	-17.13	-4.03	0.00	-349.56	0.00	349.56	2,883.30	1,441.65	3,868.52	1,910.51	1.44	-0.50	0.189
29.00	-16.97	-4.02	0.00	-345.52	0.00	345.52	2,873.76	1,436.88	3,836.98	1,894.94	1.54	-0.51	0.188
30.00	-16.81	-4.00	0.00	-341.51	0.00	341.51	2,864.17	1,432.08	3,805.50	1,879.40	1.65	-0.53	0.188
31.00	-16.65	-3.99	0.00	-337.51	0.00	337.51	2,854.54	1,427.27	3,774.10	1,863.89	1.77	-0.55	0.187
31.50	-16.57	-3.98	0.00	-335.51	0.00	335.51	2,849.71	1,424.85	3,758.42	1,856.14	1.83	-0.56	0.187
32.00	-16.43	-3.97	0.00	-333.52	0.00	333.52	2,844.87	1,422.44	3,742.77	1,848.41	1.88	-0.57	0.186
33.00	-16.16	-3.95	0.00	-329.55	0.00	329.55	2,833.35	1,416.67	3,709.14	1,831.80	2.01	-0.59	0.186
34.00	-15.89	-3.94	0.00	-325.60	0.00	325.60	2,819.40	1,409.70	3,672.50	1,813.71	2.13	-0.61	0.185
35.00	-15.62	-3.92	0.00	-321.67	0.00	321.67	2,805.45	1,402.73	3,636.04	1,795.70	2.26	-0.63	0.185
35.67	-15.44	-3.90	0.00	-319.05	0.00	319.05	2,236.05	1,118.02	2,957.98	1,460.83	2.35	-0.64	0.225
36.00	-15.40	-3.90	0.00	-317.75	0.00	317.75	2,233.83	1,116.91	2,950.20	1,456.99	2.39	-0.65	0.225
37.00	-15.26	-3.89	0.00	-313.85	0.00	313.85	2,227.14	1,113.57	2,926.84	1,445.46	2.53	-0.67	0.224
38.00	-15.12	-3.87	0.00	-309.96	0.00	309.96	2,220.41	1,110.20	2,903.52	1,433.94	2.67	-0.69	0.223
39.00	-14.99	-3.85	0.00	-306.10	0.00	306.10	2,213.64	1,106.82	2,880.23	1,422.44	2.82	-0.71	0.222
40.00	-14.85	-3.84	0.00	-302.24	0.00	302.24	2,206.82	1,103.41	2,856.98	1,410.96	2.97	-0.73	0.221
41.00	-14.71	-3.82	0.00	-298.40	0.00	298.40	2,199.97	1,099.98	2,833.76	1,399.49	3.13	-0.75	0.220
42.00	-14.58	-3.80	0.00	-294.58	0.00	294.58	2,193.07	1,096.54	2,810.58	1,388.04	3.29	-0.77	0.219
43.00	-14.44	-3.79	0.00	-290.78	0.00	290.78	2,186.13	1,093.07	2,787.44	1,376.61	3.45	-0.80	0.218
44.00	-14.31	-3.77	0.00	-286.99	0.00	286.99	2,179.15	1,089.58	2,764.33	1,365.20	3.62	-0.82	0.217
45.00	-14.18	-3.75	0.00	-283.22	0.00	283.22	2,172.13	1,086.07	2,741.26	1,353.81	3.79	-0.84	0.216
46.00	-14.04	-3.74	0.00	-279.47	0.00	279.47	2,165.07	1,082.54	2,718.23	1,342.43	3.97	-0.86	0.215
47.00	-13.91	-3.72	0.00	-275.73	0.00	275.73	2,157.97	1,078.98	2,695.24	1,331.08	4.15	-0.88	0.214
48.00	-13.78	-3.70	0.00	-272.01	0.00	272.01	2,150.82	1,075.41	2,672.30	1,319.75	4.34	-0.90	0.213

Pole : 302488
 Location : Cntn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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

38 Iterations

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

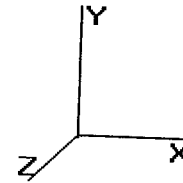
Wind Importance Factor : 1.00

104.00	-7.47	-2.67	0.00	-92.88	0.00	92.88	1,290.08	645.04	1,165.40	575.55	22.56	-2.25	0.167
105.00	-7.38	-2.65	0.00	-90.21	0.00	90.21	1,283.77	641.89	1,151.33	568.60	23.04	-2.27	0.164
106.00	-7.30	-2.63	0.00	-87.56	0.00	87.56	1,277.42	638.71	1,137.30	561.67	23.51	-2.29	0.162
107.00	-7.21	-2.61	0.00	-84.93	0.00	84.93	1,271.02	635.51	1,123.32	554.77	24.00	-2.32	0.159
108.00	-7.12	-2.59	0.00	-82.32	0.00	82.32	1,264.58	632.29	1,109.39	547.88	24.49	-2.34	0.156
109.00	-7.04	-2.57	0.00	-79.73	0.00	79.73	1,256.45	628.22	1,094.06	540.31	24.98	-2.36	0.153
110.00	-6.95	-2.55	0.00	-77.16	0.00	77.16	1,247.15	623.57	1,077.83	532.30	25.48	-2.39	0.151
110.00	-6.95	-2.55	0.00	-77.16	0.00	77.16	1,247.15	623.57	1,077.83	532.30	25.48	-2.39	0.151
110.00	-6.95	-2.55	0.00	-77.16	0.00	77.16	846.55	423.27	735.97	363.47	25.48	-2.39	0.221
111.00	-6.88	-2.54	0.00	-74.60	0.00	74.60	843.03	421.52	727.42	359.25	25.98	-2.41	0.216
112.00	-6.81	-2.52	0.00	-72.07	0.00	72.07	839.48	419.74	718.88	355.03	26.49	-2.44	0.211
113.00	-6.74	-2.50	0.00	-69.55	0.00	69.55	835.88	417.94	710.35	350.81	27.00	-2.47	0.206
114.00	-6.67	-2.49	0.00	-67.05	0.00	67.05	832.24	416.12	701.83	346.61	27.52	-2.50	0.201
115.00	-6.60	-2.47	0.00	-64.56	0.00	64.56	828.55	414.28	693.32	342.41	28.05	-2.53	0.197
116.00	-6.54	-2.45	0.00	-62.09	0.00	62.09	824.83	412.41	684.83	338.21	28.58	-2.55	0.192
117.00	-6.47	-2.43	0.00	-59.64	0.00	59.64	821.06	410.53	676.35	334.02	29.12	-2.58	0.186
118.00	-6.40	-2.42	0.00	-57.21	0.00	57.21	817.26	408.63	667.88	329.84	29.66	-2.61	0.181
119.00	-6.33	-2.40	0.00	-54.79	0.00	54.79	813.41	406.70	659.44	325.67	30.21	-2.64	0.176
120.00	-6.20	-2.29	0.00	-52.27	0.00	52.27	809.52	404.76	651.00	321.51	30.76	-2.66	0.170
121.00	-6.13	-2.28	0.00	-49.97	0.00	49.97	805.59	402.79	642.59	317.35	31.32	-2.69	0.165
122.00	-6.07	-2.26	0.00	-47.70	0.00	47.70	801.61	400.81	634.19	313.20	31.89	-2.71	0.160
123.00	-6.00	-2.24	0.00	-45.44	0.00	45.44	797.60	398.80	625.82	309.07	32.46	-2.74	0.155
124.00	-5.94	-2.23	0.00	-43.19	0.00	43.19	793.54	396.77	617.46	304.94	33.03	-2.76	0.149
125.00	-5.87	-2.20	0.00	-40.97	0.00	40.97	789.44	394.72	609.13	300.82	33.61	-2.78	0.144
126.00	-5.81	-2.18	0.00	-38.77	0.00	38.77	785.30	392.65	600.81	296.72	34.20	-2.80	0.138
127.00	-5.74	-2.15	0.00	-36.59	0.00	36.59	781.12	390.56	592.52	292.62	34.79	-2.83	0.132
128.00	-5.68	-2.13	0.00	-34.44	0.00	34.44	776.90	388.45	584.25	288.54	35.38	-2.85	0.127
129.00	-5.61	-2.10	0.00	-32.32	0.00	32.32	772.63	386.32	576.01	284.47	35.98	-2.87	0.121
130.00	-5.55	-2.08	0.00	-30.22	0.00	30.22	768.33	384.16	567.79	280.41	36.58	-2.89	0.115
131.00	-5.49	-2.05	0.00	-28.14	0.00	28.14	763.98	381.99	559.59	276.36	37.19	-2.91	0.109
132.00	-5.43	-2.03	0.00	-26.09	0.00	26.09	759.59	379.79	551.43	272.33	37.80	-2.92	0.103
133.00	-5.36	-2.00	0.00	-24.06	0.00	24.06	755.16	377.58	543.29	268.31	38.41	-2.94	0.097
134.00	-5.30	-1.98	0.00	-22.06	0.00	22.06	750.68	375.34	535.17	264.30	39.03	-2.96	0.091
135.00	-3.57	-1.48	0.00	-20.08	0.00	20.08	746.17	373.09	527.09	260.31	39.65	-2.97	0.082
136.00	-3.52	-1.46	0.00	-18.60	0.00	18.60	741.61	370.81	519.04	256.33	40.28	-2.99	0.077
137.00	-3.47	-1.44	0.00	-17.14	0.00	17.14	737.02	368.51	511.02	252.37	40.90	-3.00	0.073
138.00	-3.42	-1.42	0.00	-15.70	0.00	15.70	732.38	366.19	503.02	248.42	41.53	-3.01	0.068
139.00	-3.37	-1.41	0.00	-14.28	0.00	14.28	727.70	363.85	495.07	244.49	42.16	-3.02	0.063
140.00	-3.32	-1.39	0.00	-12.87	0.00	12.87	722.98	361.49	487.14	240.58	42.80	-3.03	0.058
141.00	-3.27	-1.37	0.00	-11.48	0.00	11.48	718.21	359.11	479.25	236.68	43.43	-3.04	0.053
142.00	-3.22	-1.36	0.00	-10.11	0.00	10.11	713.41	356.70	471.39	232.80	44.07	-3.05	0.048
143.00	-3.17	-1.34	0.00	-8.75	0.00	8.75	708.01	354.00	463.21	228.76	44.71	-3.06	0.043
144.00	-3.05	-1.23	0.00	-7.41	0.00	7.41	701.03	350.52	454.07	224.25	45.36	-3.07	0.037
145.00	-3.00	-1.21	0.00	-6.18	0.00	6.18	694.06	347.03	445.03	219.78	46.00	-3.08	0.032
146.00	-2.96	-1.20	0.00	-4.97	0.00	4.97	687.08	343.54	436.08	215.36	46.64	-3.08	0.027
147.00	-2.92	-1.18	0.00	-3.77	0.00	3.77	680.11	340.05	427.22	210.99	47.29	-3.09	0.022
148.00	-2.87	-1.16	0.00	-2.59	0.00	2.59	673.14	336.57	418.45	206.66	47.94	-3.09	0.017
149.00	-2.83	-1.15	0.00	-1.43	0.00	1.43	666.16	333.08	409.77	202.37	48.58	-3.09	0.011
150.00	0.00	-0.99	0.00	-0.28	0.00	0.28	659.19	329.59	401.19	198.13	49.23	-3.09	0.001

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (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	19.57	0.00	26.45	0.00	0.00	2004.88	73.50	0.97
0.9D + 1.6W	18.43	0.00	19.84	0.00	0.00	1860.74	73.50	0.91
1.2D + 1.0Di + 1.0Wi	4.73	0.00	51.55	0.00	0.00	588.86	73.50	0.34
1.0D + 1.0W	4.59	0.00	22.05	0.00	0.00	469.97	73.50	0.24

Base/Flange Plate	Plate Type	Baseplate @ 10.0 ft
	Pole Diameter	37.38 in
	Pole Thickness	in
	Plate Length	44 in
	Plate Thickness	2.5 in
	Plate Fy	60 ksi
	Weld Length	0.25 in
	ϕ_s Resistance	1400.64 k-in
	Applied	957.18 k-in
	Stiffeners	#
Thickness	0.5 in	
Length	3 in	
Height	3 in	
Chamfer	0 in	
Offset Angle	0°	
Fy	36 ksi	

Code Rev. **G**
 A.S.I. 1.00
 Moment **2004.9 k-ft**
 Axial **26.5 k**

Date 10/04/12
 Engineer ZAM
 Site # 302488
 Carrier AT&T Mobility

Required Flange Thickness:
 2.07 in OK

Bolts	#	8
	Bolt Circle (R)adial / (S)quare	44 in S
	Bolt Gap	6 in
	Diameter	2.25 in
	Hole Diameter	2.625 in
	Type	A615-75
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	259.82 k
	Applied	273.87 k
Reinforcement	#	0
	DYW. Circle	20 in
	Offset Angle	22.5°
	Type	#20
	Diameter	2.5 in
	Fu	100 ksi
ϕ_s Resistance	k	
Applied	k	
Extra Bolts	#	0
	Bolt Circle (R)adial / (S)quare	20 in R
	Bolt Gap	0 in
	Offset Angle	15°
	Diameter	2.25 in
	Type	#18J
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	k
Applied	k	

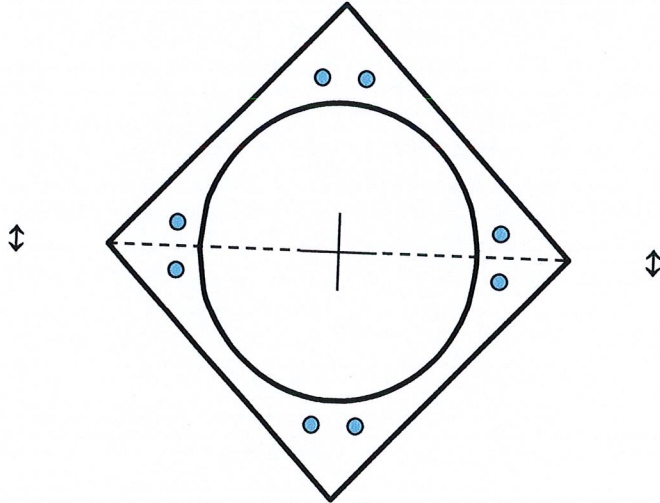


Plate Stress Ratio:
0.68 (Pass)

Bolt Stress Ratio:
1.05 (Acceptable Overstress)

Extra Bolt Stress Ratio:

Reinforcement Stress Ratio:

Base/Flange Plate	Plate Type	Flange @ 110.0 ft
	Pole Diameter	21.25 in
	Pole Thickness	in
	Plate Diameter	28.5 in
	Plate Thickness	1 in
	Plate Fy	60 ksi
	Weld Length	0.25 in
	ϕ_s Resistance	75.10 k-in
	Applied	69.71 k-in
	#	0 Show
Stiffeners	Thickness	0.5 in
	Length	3 in
	Height	3 in
	Chamfer	0 in
	Offset Angle	0°
	Fy	36 ksi

Code Rev. **G**
 A.S.I. 1.00
 Moment **316.0 k-ft**
 Axial **6.7 k**

Date **10/04/12**
 Engineer **ZAM**
 Site # **302488**
 Carrier **AT&T Mobility**

Required Flange Thickness:
0.96 in OK

Bolts	#	12
	Bolt Circle	25.75 in
	(R)adial / (S)quare	R
	Bolt Gap	6 in
	Diameter	1 in
	Hole Diameter	1.125 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	54.52 k
Applied	48.50 k	
Reinforcement	#	0
	DYW. Circle	20 in
	Offset Angle	22.5°
	Type	#20
	Diameter	2.5 in
	Fu	100 ksi
s Resistance	k	
Applied	k	
Extra Bolts O	#	0
	Bolt Circle	20 in
	(R)adial / (S)quare	R
	Bolt Gap	0 in
	Offset Angle	15°
	Diameter	2.25 in
	Type	#18J
	Fy	75 ksi
	Fu	100 ksi
	s Resistance	k
Applied	k	

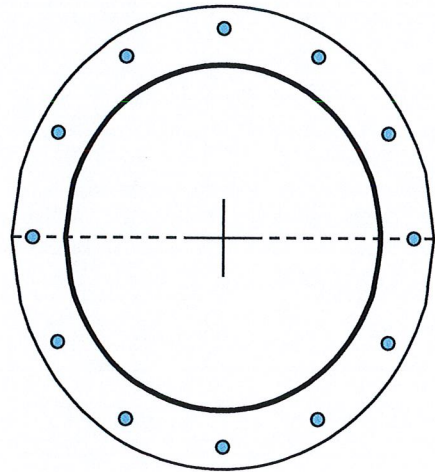


Plate Stress Ratio:
0.93 (Pass)

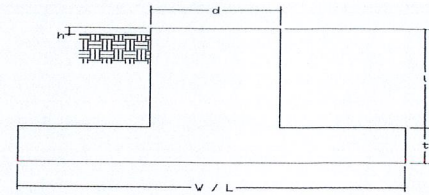
Bolt Stress Ratio:
0.89 (Pass)

Extra Bolt Stress Ratio:

Reinforcement Stress Ratio:

Site Name: Cntn - Canton, CT
 Site Number: 302488
 Engineering Number: 50492021
 Engineer: Z. Medoff
 Date: 10/04/12
 Tower Type: MP

Program Last Updated: 6/01/10



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

Foundation Mapped:	Y
Compression/Leg:	k
Uplift/Leg:	k
Total Shear:	19.6 k
Moment:	2004.9 k-ft
Tower + Appurtenance Weight:	26.5 k
Depth to Base of Foundation (l + t - h):	8.00 ft
Diameter of Pier (d):	5.00 ft
Height of Pier above Ground (h):	0.50
Width of Pad (W):	18.00 ft
Length of Pad (L):	18.00 ft
Thickness of Pad (t):	3.00 ft
Tower Leg Center to Center:	0.00 ft
Number of Tower Legs:	1.0 (1 if MP or GT)
Tower Center from Mat Center:	0.00 ft
Depth Below Ground Surface to Water Table:	10.00 ft
Unit Weight of Concrete:	150.0 pcf
Unit Weight of Soil Above Water Table:	110.0 pcf
Unit Weight of Water:	62.4 pcf
Unit Weight of Soil Below Water Table:	60.0 pcf
Friction Angle of Uplift:	30.0 Degrees
Ultimate Coefficient of Shear Friction:	0.30
Ultimate Compressive Bearing Pressure:	6000.0 psf
Ultimate Passive Pressure on Pad Face:	0.0 psf
$\phi_{\text{Soil and Concrete Weight}}$:	0.9
ϕ_{Soil} :	0.75

Concrete Strength (f'_c):	4000 psi
Pad Tension Steel Depth:	32.00 in
Shear:	0.75
Flexure / Tension:	0.90
Compression:	0.65
:	0.85
Bottom Pad Rebar Size #:	9
# of Bottom Pad Rebar:	40
Pad Bottom Steel Area:	40.00 in ²
Pad Steel F_y :	60000 psi
Top Pad Rebar Size #:	9
# of Top Pad Rebar:	40
Pad Top Steel Area:	40.00 in ²
Pier Rebar Size #:	9
Pier Steel Area (Single Bar):	1.00 in ²
# of Pier Rebar:	32
Pier Steel F_y :	60000 psi
Pier Cage Diameter:	52.0 in
Rebar Strain Limit:	0.008
Steel Elastic Modulus:	29000 ksi
Tie Rebar Size #:	5
Tie Steel Area (Single Bar):	0.31 in ²
Tie Spacing:	12 in
Tie Steel F_y :	60000 psi

Overturning Moment Usage

Design OTM:	2171.2 k-ft
OTM Resistance:	3132.6 k-ft
Design OTM / OTM Resistance:	0.69 Result: OK

Soil Bearing Pressure Usage:

Net Bearing Pressure:	3746 psf
Nominal Bearing Pressure:	4500 psf
Net Bearing Pressure/Nominal Bearing Pressure:	0.83 Result: OK
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge

Sliding Factor of Safety

Total Factored Sliding Resistance:	79.1 k
Sliding Design / Sliding Resistance:	0.25 Result: OK