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July 8, 2014

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

Regarding:	Notice of Exempt Modification – Addition of 3 radio heads previously approved
Property Address:	15 Oakdale Avenue, Winsted, CT (the "Property")
Applicant:	New Cingular Wireless PCS, LLC ("AT&T")

Dear Ms. Bachman:

AT&T currently maintains a wireless telecommunications facility on an existing 180 foot Monopole ("tower") location on the Property. AT&T's facility consists of nine (9) wireless telecommunications antenna at 184 feet. The tower is owned by American Tower Corp.. The Council approved the previous application on December 14th 2012 reference number EM-CING-162-121126. This application (attached) granted AT&T the use of 6 radio heads at this location. The approval expired one year from the issue date. During that time AT&T made the changes to the site per the approval but only installed three (3) of the six (6) radio heads that they received approval. AT&T would now like to install the additional three (3) radio heads that were originally approved under EM-CING-162-121126.

Please accept this application as notification pursuant to R.C.S.A. § 16-50j-73, for construction that constitutes an exempt modification pursuant to R.C.S.A. § 16-50j-72 (b)(2). In accordance with R.C.S.A. § 16-50j-73, a copy of this letter is being sent to the Selectman, Planning and Zoning Manager for the Town of Winchester. A copy of this letter is also being sent to American Tower Corp., the owner of the structure that AT&T is located.

The planned modifications to AT&T's facility fall squarely within those activities explicitly provided for in R.C.S.A. § 16-50j-72(b)(2).

1. The planned modifications will not result in an increase in the height of the existing structure. AT&T's additional, previously approved 3 radio heads will be installed at 184 foot level of the 180 foot monopole.
2. The proposed modifications will not involve any changes to ground-mounted equipment and, therefore will not require an extension of the site boundary.
3. The proposed modification will not increase the noise level at the facility by six decibel or more, or to levels that exceed state and local criteria.
4. The operation of the modified facility will not increase radio frequency (RF) emissions at the facility to a level at or above the Federal Communications Commission (FCC) safety

16 Esquire Road, Billerica, MA 01862 Mobile 617-639-4908 Email: Dcooper@empiretelecomm.com

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standard. An RF emissions calculation (attached) for AT&T's modified facility was provided in the application which led to the December 14th 2012 Decision.

5. The proposed modifications will not cause a change or alteration in the physical or environmental characteristics of the site.
6. The tower and its foundation can support AT&T's proposed modifications. (Please see attached Structural analysis completed by American Tower on September 12th, 2012).

For the foregoing reasons AT&T respectfully requests that the proposed addition of 3 radio heads previously approved be allowed within the exempt modifications under R.C.S.A. § 16-50j-72(b)(2).

Sincerely,

David P. Cooper
Director of Site Acquisition
Empire Telecom

CC: the Selectman, Planning and Zoning Manager for the Town of Winchester
American Tower Corp.

16 Esquire Road, Billerica, MA 01862 Mobile 617-639-4908 Email: Dcooper@empiretelecomm.com

CT 1091

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-162-121126** – New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 15 Oakdale Avenue, Winsted, Connecticut.

Dear Ms. Howlett:

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

- Prior to antenna installation, the tower modifications identified in the Structural Analysis Report prepared by American Tower dated September 12, 2012, and stamped by Raphael Mohamed shall be implemented; and
- Not more than 45 days following completion of the antenna installation, a signed letter from a Professional Engineer duly licensed in the State of Connecticut shall be submitted to the Council to certify that the recommended modifications have been completed and the tower does not exceed 100 percent of the post-construction structural rating.
- Any deviation from the proposed modification as specified in this notice and supporting materials with Council shall render this acknowledgement invalid;
- Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- Not more than 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- The validity of this action shall expire one year from the date of this letter; and
- The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration;

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated November 20, 2012. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site, increase noise levels at the tower site boundary by six decibels, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standard adopted by the State Department of Environmental Protection pursuant to General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency

emissions are conservatively below State and federal standards applicable to the frequencies now used on this tower.

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

Very truly yours,

LRoberts

Linda Roberts
Executive Director

LR/CDM/cm

c: The Honorable Maryann Welcome, First Selectman, Town of Winchester
Bruce Hillman, Planning and Zoning Chairman, Town of Winchester

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
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E-Mail: siting.council@ct.gov
www.ct.gov/csc

November 27, 2012

The Honorable Maryann Welcome
First Selectman
Town of Winchester
338 Main Street
Winsted, CT 06098

RE: **EM-CING-162-121126** –New Cingular Wireless PCS, LLC notice of intent to modify an existing telecommunications facility located at 15 Oakdale Avenue, Winsted, Connecticut.

Dear First Selectman Welcome:

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 UHB

Linda Roberts
Executive Director

LR/cm

c: Bruce Hillman, Planning and Zoning Chairman, Town of Winchester

EM-CING-162-121126

HPC Wireless Services
'ill Plain Rd.
·2
)ury, CT, 06811
03.797.1112

HPC
WIRELESS SERVICES

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
15 Oakdale Avenue, (aka 108 Oakdale Avenue), Winsted

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.S.C.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 City of Winsted.

AT&T plans to modify the existing wireless communications facility owned by American Tower Corp. and located at 150 Oakdale Avenue (aka 108 Oakdale Avenue), Winsted (coordinates 41° -54'-52" N, 73°-03'-13" 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, subject to modifications detailed in the attached structural documentation. 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 184'. Six (6) RRUs (remote radio units) will be placed behind the

LTEs on new mounts, and a Surge Arrestor on a new mounting pipe attached to the platform, all also at a centerline height of approximately 184'. 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 180' 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 .94%; the combined site operations will result in a total power density of approximately 46.277%.

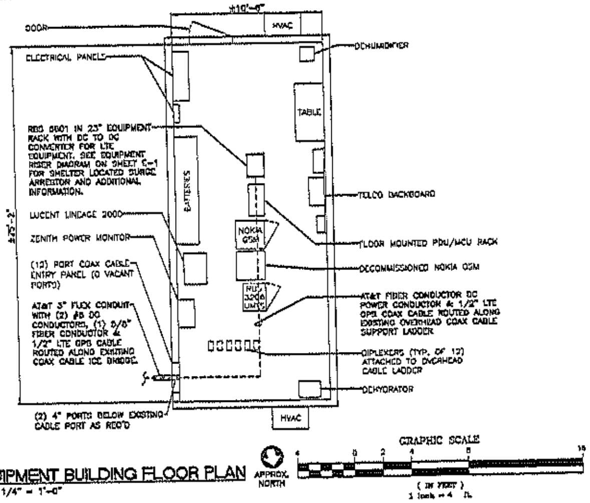
Please do not hesitate to contact me by phone at (203) 610-1071, or by e-mail at mjhowlett@optonline.net, if there are any questions concerning this matter. Thank you for your consideration.

Respectfully yours,

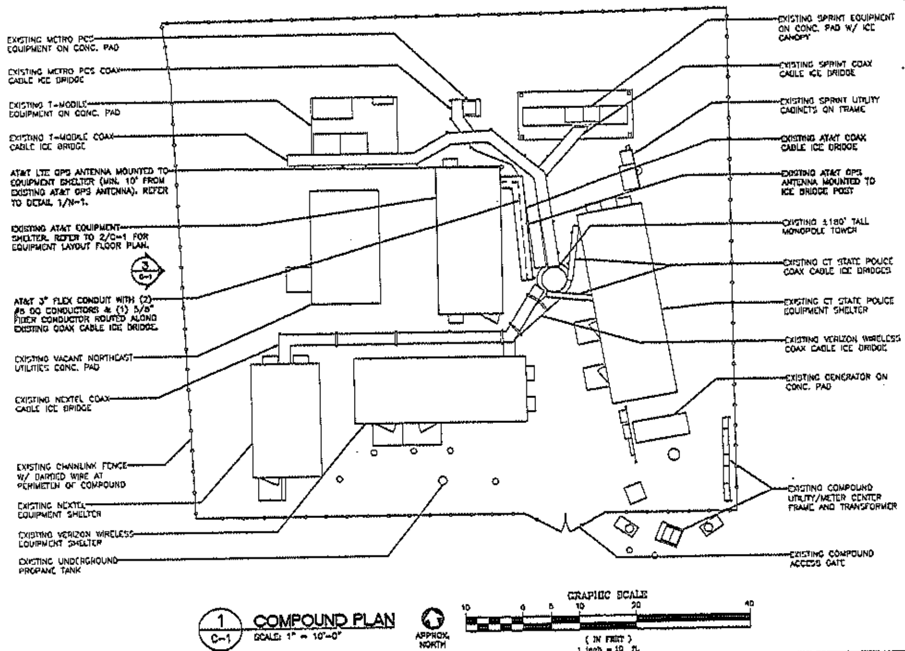
Melanie J. Howlett

Attachments

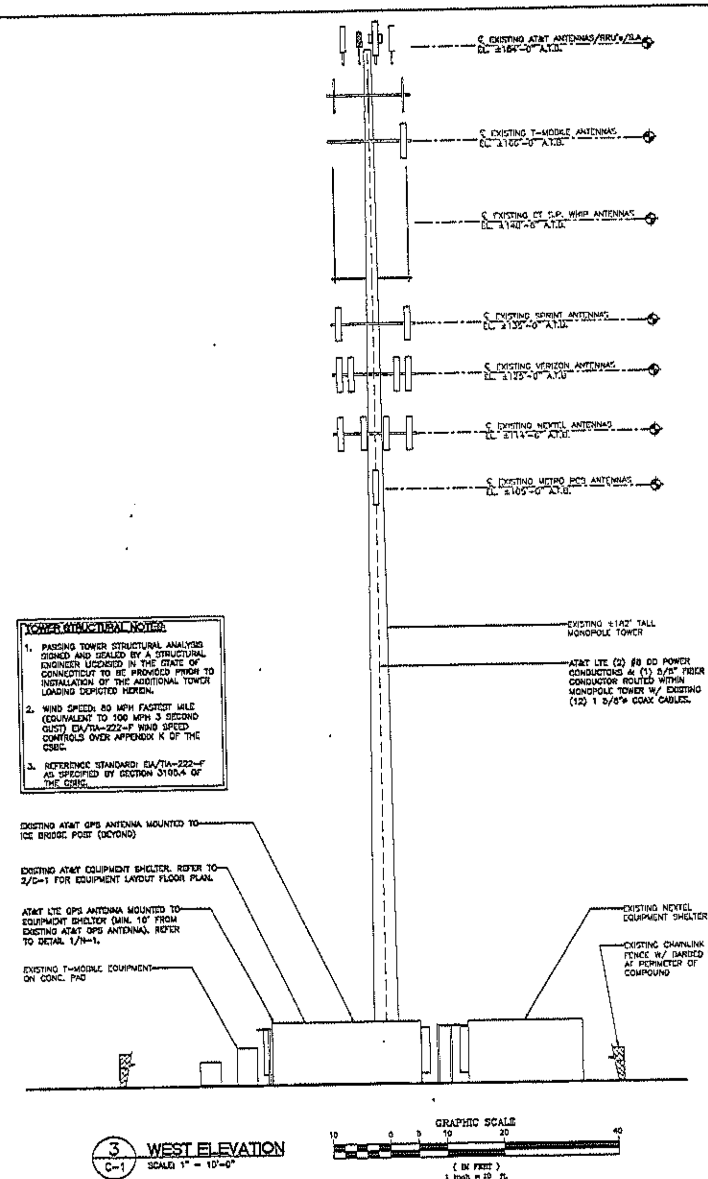
cc: Honorable Mary Ann Welcome, Mayor, City of Winsted
William and Richard Stowe (underlying property owners)



2 / C-1 EQUIPMENT BUILDING FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 / C-1 COMPOUND PLAN
SCALE: 1" = 10'-0"



TOWER STRUCTURAL NOTES:

1. PASSING TOWER STRUCTURAL ANALYSIS SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENSED IN THE STATE OF CONNECTICUT TO BE PROVIDED PRIOR TO INSTALLATION OF THE ADDITIONAL TOWER LOADING DEPICTED HEREIN.
2. WIND SPEED: 80 MPH FASTEST MILE (EQUIVALENT TO 100 MPH 3 SECOND GUST) EIA/TIA-222-F WIND SPEED CONTROLS OVER APPENDIX K OF THE CSBC.
3. REFERENCE STANDARD: EIA/TIA-222-F AS SPECIFIED BY SECTION 3108.4 OF THE CSBC.

3 / C-1 WEST ELEVATION
SCALE: 1" = 10'-0"

DESIGNED BY:	HMR
DRAWN BY:	HMR
CHK'D BY:	CFC

REV.	DATE	DRAWN BY	CHK'D BY	
0	8/10/12	HMR	DCS	CONSTRUCTION - CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

REVIEW SET
NOT FOR CONSTRUCTION

at&t

NEXLINK

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Centered on Solutions™
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road
Branford, CT 06405
www.CentekEng.com

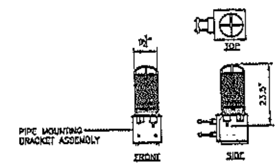
AT&T MOBILITY
WIRELESS COMMUNICATIONS FACILITY LTE UPGRADE
CT1071
WINSTED/WINCHESTER
15 OAKDALE AVENUE
WINSTED, CT 06098

DATE:	8/10/12
SCALE:	AS NOTED
JOB NO.	12063.C010

PLANS AND ELEVATION

C-1

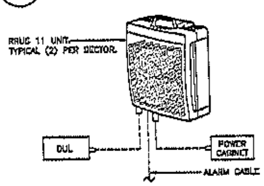
Sheet No. 3 of 5



SITE TYPE	ARRESTOR MAKE/MODEL	QTY REQUIRED	ARRESTOR LOCATION	WEIGHT
	MAKE: RAYCAP (SQUID) MODEL: DC6-48-60-18-8F	(1) PER SITE	TOWER, ADJACENT TO AT&T ANTENNAS AND RRUs.	20 LBS. (WITHOUT MOUNT)

NOTES:
1. CONTRACTOR TO COORDINATE FINAL SURGE ARRESTOR MODEL SELECTION(S) WITH AT&T CONSTRUCTION MANAGER PRIOR TO ORDERING.
2. CONTRACTOR TO INSTALL ARRESTOR IN CONFORMANCE WITH MANUFACTURERS RECOMMENDATIONS.

6 / C-2 SURGE ARRESTOR DETAIL
NOT TO SCALE

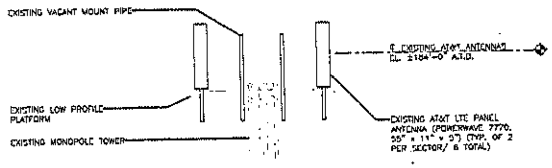


RRU (REMOTE RADIO UNIT)			
EQUIPMENT	DIMENSIONS	WEIGHT	CLEARANCES
MAKE: ERICSSON MODEL: RRUS 11	17.8"L x 17.3"W x 7.2"D	BAND 4: 44 LBS. BAND 12: 50 LBS.	ABOVE: 18" MIN. BELOW: 12" MIN. SIDE: 0" MIN.

NOTES:
1. CONTRACTOR TO COORDINATE FINAL EQUIPMENT MODEL SELECTION WITH AT&T CONSTRUCTION MANAGER PRIOR TO ORDERING.

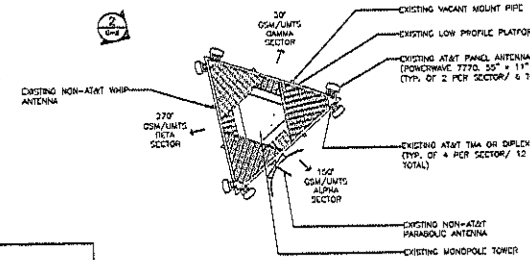
7 / C-2 RRU DETAIL
NOT TO SCALE

NOTES:
1. PROVIDE MOUNTING PIPES, CROSSOVERS & ASSOCIATED HARDWARE TO COMPLETE THE PROPOSED UPGRADE.
2. COORDINATE LOCATION OF LTE ANTENNA, RRU/ SURGE ARRESTOR MOUNTS AND EXISTING NON-AT&T ANTENNAS WITH ANTENNA OWNER.
3. REFER TO STRUCTURAL ANALYSIS AND FINAL AT&T RFDS PRIOR TO INSTALLATION OF ANTENNAS AND COAX.

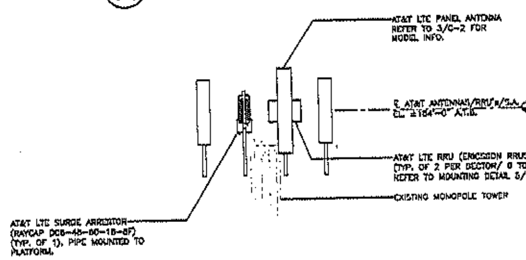


2 / C-2 EXISTING ANTENNA SECTOR ELEVATION
SCALE: 1/4" = 1'-0"

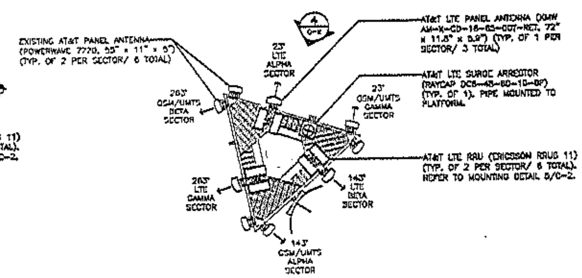
NOTE:
VERIFY IN FIELD PLATFORM FACE LOCATION OF EXISTING NON-AT&T WHIP & PARABOLIC ANTENNAS.



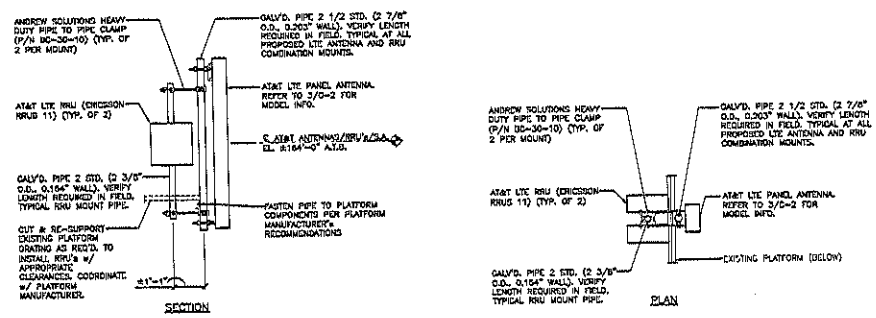
1 / C-2 EXISTING ANTENNA PLAN
SCALE: 1/4" = 1'-0"



4 / C-2 PROPOSED LTE ANTENNA SECTOR ELEVATION
SCALE: 1/4" = 1'-0"



3 / C-2 PROPOSED ANTENNA PLAN
SCALE: 1/4" = 1'-0"



5 / C-2 LTE ANTENNA/RRU MOUNT DETAILS
SCALE: 1/2" = 1'-0"

DESIGNED BY:	HMR
DRAWN BY:	HMR
CHK'D BY:	CPD

REV.	DATE	DRAWN BY	CHK'D BY	
0	6/10/12	HMR	DEB	CONSTRUCTION - CLIENT REVIEW

PROFESSIONAL ENGINEER SEAL

REVIEW SET
NOT FOR CONSTRUCTION

at&t

NEXLINK

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(203) 488-0580
(203) 488-8587 Fax
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AT&T MOBILITY
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CT1071
WINSTED/WINCHESTER
15 CANDALE AVENUE
WINSTED, CT 06098

DATE:	6/10/12
SCALE:	AS NOTED
JOB NO.	12063.0010

LTE EQUIPMENT DETAILS

C-2
Sheet No. 4 of 8

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

Calculated Radio Frequency Emissions

at&t

CT1071

(Winsted/Winchester)

15 Oakdale Avenue, Winsted, CT 06098

November 19, 2012

Table of Contents

List of Tables

List of Figures

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 at 15 Oakdale Avenue in Winsted, CT. The coordinates of the tower are: 41°55'18.0984", 73°02'58.2".

AT&T is proposing the following modifications:

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

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:

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

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 pattern 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
Cingular UMTS	*187*	*880*	*1*	*500*	*0.0051*	*0.5867*	*0.88%*
Cingular GSM	*187*	*880*	*4*	*296*	*0.0122*	*0.5867*	*2.08%*
Cingular GSM	*187*	*1930*	*2*	*427*	*0.0088*	*1.0000*	*0.88%*
Pocket	105	2130	3	631	0.0617	1.0000	6.17%
T-Mobile	166	1945	8	145	0.0151	1.0000	1.51%
CTPD	160	866	2	1080	0.0303	0.5773	5.25%
Sprint	134	1930	11	395	0.0870	1.0000	8.70%
Verizon PCS	125	1970	7	259	0.0417	1.0000	4.17%
Verizon cellular	125	869	9	263	0.0545	0.5793	9.40%
Verizon AWS	125	2145	1	670	0.0154	1.0000	1.54%
Verizon LTE	125	698	1	858	0.0197	0.4653	4.24%
Nextel	115	851	9	100	0.0245	0.5673	4.31%
AT&T UMTS	184	880	2	565	0.0012	0.5867	0.20%
AT&T UMTS	184	1900	2	875	0.0019	1.0000	0.19%
AT&T LTE	184	734	1	1313	0.0014	0.4893	0.28%
AT&T GSM	184	880	1	283	0.0003	0.5867	0.05%
AT&T GSM	184	1900	4	525	0.0022	1.0000	0.22%
						Total	46.27%

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 September 12, 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 below the limits for the general public. The highest expected percent of Maximum Permissible Exposure at ground level is **46.27% 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.

Daniel L. Goulet
C Squared Systems, LLC

November 19, 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 Exposure[4]

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 Exposure[5]

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

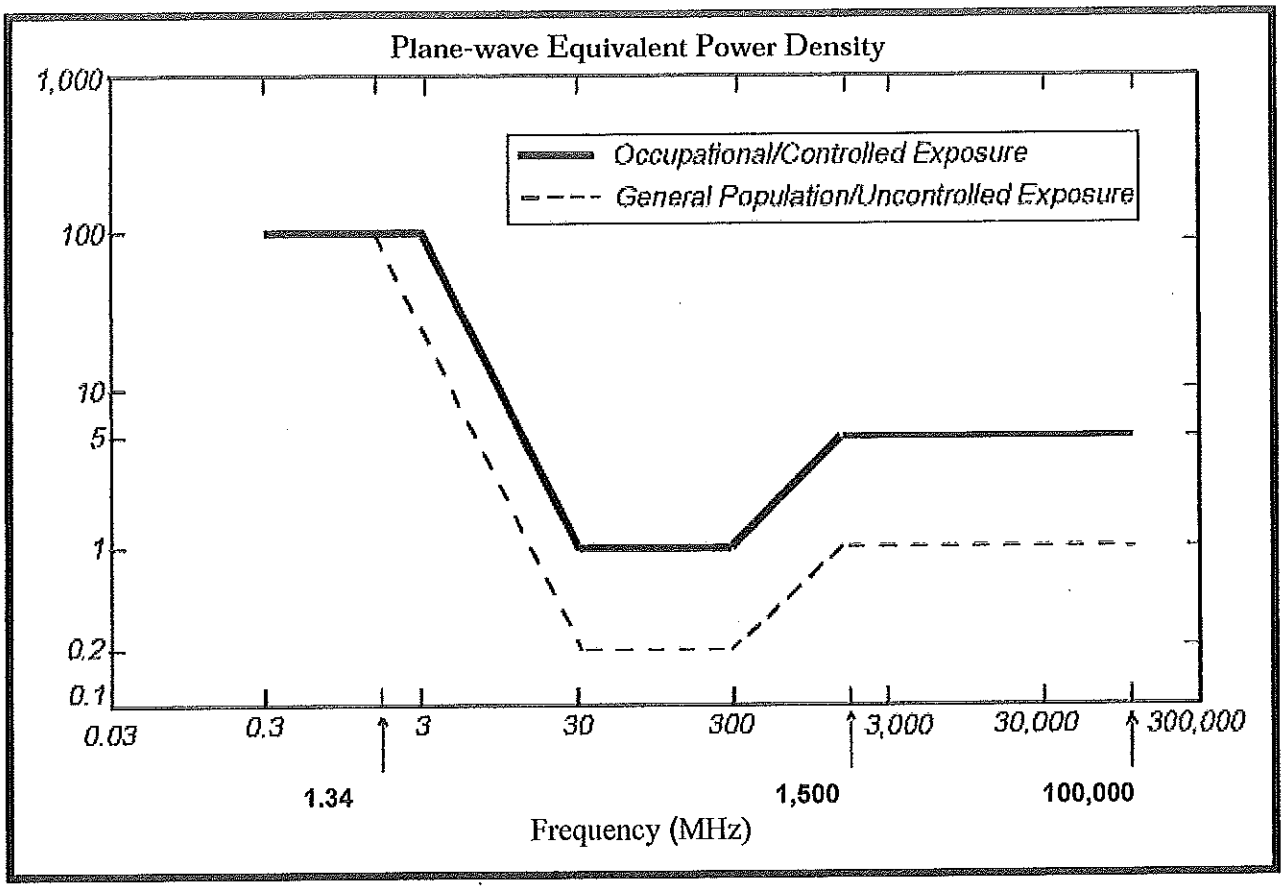
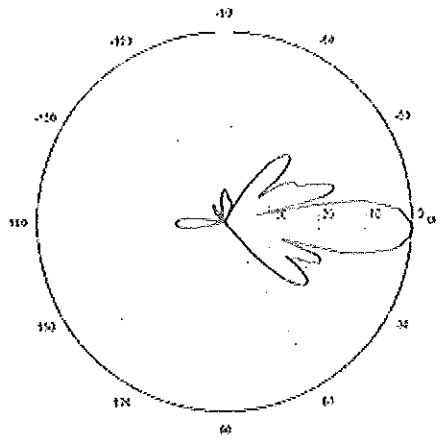


Figure 1: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

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

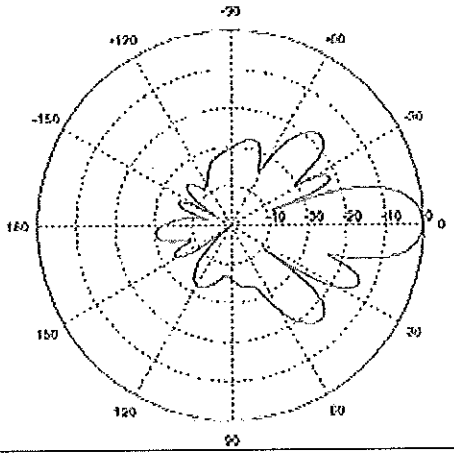
700 MHz

Manufacturer:	KMW
Model #:	AM-X-CD-16-65-00T-RET
Frequency Band:	698-806 MHz
Gain:	13.35 dBd
Vertical Beamwidth:	12.3°
Horizontal Beamwidth:	65°
Polarization:	Dual Slant ± 45°
Size L x W x D:	72.0" x 11.8" x 5.9"



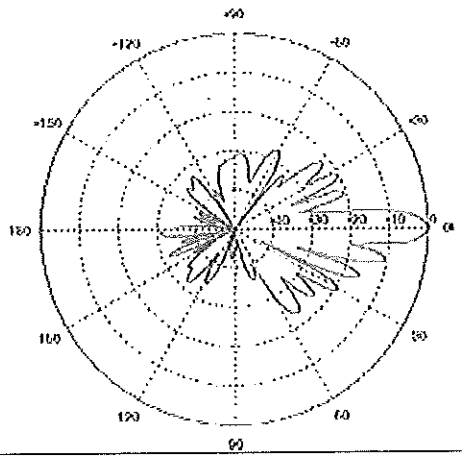
850 MHz

Manufacturer:	Powerwave
Model #:	7770.00
Frequency Band:	824-896
Gain:	11.5 dBd
Vertical Beamwidth:	15°
Horizontal Beamwidth:	82°
Polarization:	Dual Linear ± 45°
Size L x W x D:	55.0" 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:	Dual Linear ± 45°
Size L x W x D:	55.0" x 11.0" x 5.0"



AMERICAN TOWER®

CORPORATION

ATC TOWER SERVICES, INC.
400 REGENCY FOREST DRIVE
CARY, NORTH CAROLINA 27518
PHONE: (919) 468-0112 / FAX: (919) 466-5040

302506 - WINCHESTER CT 3, CONNECTICUT

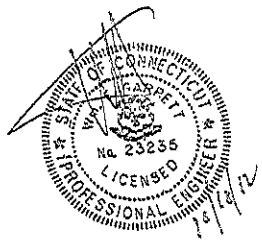
180 FT EEI MONOPOLE MODIFICATIONS

PROJECT DESCRIPTION:
THE MODIFICATIONS PRESENTED ON THESE DRAWINGS ARE BASED ON THE RECOMMENDATIONS OUTLINED IN THE STRUCTURAL ANALYSIS COMPLETED UNDER ENGINEERING PROJECT NUMBER 50492921 DATED 09/12/12. SATISFACTORY COMPLETION OF THE WORK INDICATED ON THESE DRAWINGS WILL RESULT IN THE STRUCTURE MEETING THE REQUIREMENTS OF THE SPECIFICATIONS UNDER WHICH THE STRUCTURAL WAS COMPLETED.

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

PROJECT SUMMARY

ATC PROJECT NUMBER:	50492933
CUSTOMER:	AT&T MOBILITY
CUSTOMER SITE NUMBER:	CT1071
CUSTOMER SITE NAME:	WINCHESTER
SITE ADDRESS:	HOLABIRD AVENUE (E. OF FLORENCE ST.) WINSTED, CT 06098
DATE:	10/15/12
REVISION:	0



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

SHEET	SHEET TITLE	REV.
BOM	BILL OF MATERIALS (1 PAGE)	0
IGN	IBC GENERAL NOTES	0
A-1	MODIFICATION PROFILE	0
A-2	FOUNDATION DETAILS	0
A-3	REINFORCEMENT INSTALLATION DETAILS	0
A-3A	REINFORCEMENT INSTALLATION DETAILS (CONT'D)	0
BR-20C	#20 BAR BRACKET [CONCENTRIC]	0
BR-20E	#20 BAR BRACKET [ECCENTRIC]	0
TB-20C-12	#20 BAR TERMINATION BRACKET [CONCENTRIC 12 U-BOLT]	0
TB-20E-12	#20 BAR TERMINATION BRACKET [ECCENTRIC 12 U-BOLT]	0
#20SB	#20 STEP BOLT BRACKET FABRICATION AND INSTALLATION DETAILS	0

BILL OF MATERIALS

QUANTITY REQUIRED	QUANTITY PROVIDED	PART NUMBER	DESCRIPTION	LENGTH	SHEET LIST	PART WEIGHT	WEIGHT (lb)	NOTES
			DYWIDAG REINFORCEMENT MATERIAL & HARDWARE					
16	16	---	#20 DYWIDAG THREADBAR	30'-0"	A-1, A-3	501.0	8016	GALVANIZED
12	12	---	#20 COUPLER W/ (2) HEX NUTS EA.	---	---	---	---	GALVANIZED
84	84	BR-20C	L 6" X 3 1/2" X 3/8"	1'-0"	A-3, BR-20C	12.3	1033	CONCENTRIC
84	84	BR-20E	L 6" X 3 1/2" X 3/8"	1'-0"	A-3, BR-20E	12.3	1033	ECCENTRIC
4	4	TB-20C-12	L 6" X 3 1/2" X 3/8"	3'-6 3/4"	A-3, TB-20C-12	43.8	175	CONCENTRIC
4	4	TB-20E-12	L 6" X 3 1/2" X 3/8"	3'-6 3/4"	A-3, TB-20E-12	43.8	175	ECCENTRIC
515	541	RUH4	RU-BOLT, 5/8"Ø X 3 1/8" C/C	---	BR-20E	---	---	(2) HHN-LKW / GALVANIZED
392	412	---	HOLLO-BOLT, 5/8"Ø (M16) LINDAPTER	---	---	---	---	GALVANIZED
83	83	#20SB	STEP BOLT WELDMENT	0'-7 1/4"	#20SB	2.5	208	
						TOTAL WEIGHT (lb)	10,640	

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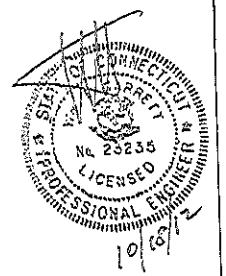
FAX: (919) 468-3415
NYSE: AMT

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/10/12
1			
2			
3			
4			

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3
CONNECTICUT

SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098



DRAWN BY:	DMB
APPROVED BY:	[illegible]
DATE DRAWN:	10/10/12
ATC JOB NO:	80402630

SHEET TITLE:
BILL OF MATERIALS

SHEET NUMBER: BOM
REV. #: 0

GENERAL

1. ALL METHODS, MATERIALS AND WORKMANSHIP SHALL FOLLOW THE DICTATES OF GOOD CONSTRUCTION PRACTICE.
2. ALL WORK INDICATED ON THESE DRAWINGS SHALL BE PERFORMED BY QUALIFIED CONTRACTORS EXPERIENCED IN TOWER AND FOUNDATION CONSTRUCTION.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY OF ANY INSTALLATION INTERFERENCES. ALL NEW WORK SHALL ACCOMMODATE EXISTING CONDITIONS. DETAILS NOT SPECIFICALLY SHOWN ON THE DRAWINGS SHALL FOLLOW SIMILAR DETAILS FOR THIS JOB.
4. ANY SUBSTITUTIONS MUST CONFORM TO THE REQUIREMENTS OF THESE NOTES AND SPECIFICATIONS, AND SHOULD BE SIMILAR TO THOSE SHOWN. ALL SUBSTITUTIONS SHALL BE SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
5. ANY MANUFACTURED DESIGN ELEMENTS MUST CONFORM TO THE REQUIREMENTS OF THESE NOTES AND SPECIFICATIONS AND SHOULD BE SIMILAR TO THOSE SHOWN. THESE DESIGN ELEMENTS MUST BE STAMPED BY AN ENGINEER PROFESSIONALLY REGISTERED IN THE STATE OF THE PROJECT, AND SUBMITTED TO THE ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION.
6. ALL WORK SHALL BE DONE IN ACCORDANCE WITH LOCAL CODES AND OSHA SAFETY REGULATIONS.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND EXECUTION OF ALL MISCELLANEOUS SHORING, BRACING, TEMPORARY SUPPORTS, ETC. NECESSARY, PER TIA-1019-A-2011, TO PROVIDE A COMPLETE AND STABLE STRUCTURE AS SHOWN ON THESE DRAWINGS.
8. CONTRACTOR'S PROPOSED INSTALLATION SHALL NOT INTERFERE, NOR DENY ACCESS TO, ANY EXISTING OPERATIONAL AND SAFETY EQUIPMENT.

STRUCTURAL STEEL

1. ALL DETAILING, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE AISC SPECIFICATIONS, LATEST EDITION.
2. ALL EXPOSED STRUCTURAL STEEL MEMBERS SHALL BE HOT-DIPPED GALVANIZED AFTER FABRICATION PER ASTM A123. EXPOSED STEEL HARDWARE AND ANCHOR BOLTS SHALL BE GALVANIZED PER ASTM A153 OR B695.
3. ALL U-BOLTS SHALL BE ASTM A307 OR EQUIVALENT, WITH LOCKING DEVICE, UNLESS NOTED OTHERWISE.
4. FIELD CUT EDGES, EXCEPT DRILLED HOLES, SHALL BE GROUND SMOOTH.
5. ALL FIELD CUT SURFACES AND FIELD DRILLED HOLES SHALL BE REPAIRED WITH ZRC GALVILITE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURERS RECOMMENDATIONS.
6. ALL FIELD DRILLED HOLES TO BE USED FOR FIELD BOLTING INSTALLATION SHALL BE STANDARD HOLES, AS DEFINED BY AISC, UNLESS NOTED OTHERWISE.

WELDING

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

BOLT TIGHTENING PROCEDURE

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

BOLT LENGTHS UP TO AND INCLUDING FOUR DIAMETERS

1/2"	BOLTS UP TO AND INCLUDING 2.0 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
5/8"	BOLTS UP TO AND INCLUDING 2.5 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
3/4"	BOLTS UP TO AND INCLUDING 3.0 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
7/8"	BOLTS UP TO AND INCLUDING 3.5 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1"	BOLTS UP TO AND INCLUDING 4.0 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1-1/8"	BOLTS UP TO AND INCLUDING 4.5 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1-1/4"	BOLTS UP TO AND INCLUDING 5.0 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1-3/8"	BOLTS UP TO AND INCLUDING 5.5 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT
1-1/2"	BOLTS UP TO AND INCLUDING 6.0 INCH LENGTH	+1/3 TURN BEYOND SNUG TIGHT

BOLT LENGTHS OVER FOUR DIAMETERS BUT NOT EXCEEDING EIGHT DIAMETERS

1/2"	BOLTS 2.25 TO 4.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
5/8"	BOLTS 2.75 TO 5.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
3/4"	BOLTS 3.25 TO 6.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
7/8"	BOLTS 3.75 TO 7.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1"	BOLTS 4.25 TO 8.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1-1/8"	BOLTS 4.75 TO 9.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1-1/4"	BOLTS 5.25 TO 10.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1-3/8"	BOLTS 5.75 TO 11.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT
1-1/2"	BOLTS 6.25 TO 12.0 INCH LENGTH	+1/2 TURN BEYOND SNUG TIGHT

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

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

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

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

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

PAINT

1. AS REQUIRED, CLEAN AND PAINT PROPOSED STEEL ACCORDING TO FAA ADVISORY CIRCULAR AC 70/7460-1K.

APPLICABLE CODES AND STANDARDS

1. ANSI/TIA/EIA: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES, 222-F EDITION.
2. 2003 INTERNATIONAL BUILDING CODE.
3. ACI 318: AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, 318-02.
4. CRSI: CONCRETE REINFORCING STEEL INSTITUTE, MANUAL OF STANDARD PRACTICE, LATEST EDITION.
5. AISC: AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, LATEST EDITION.
6. AWS: AMERICAN WELDING SOCIETY D1.1, STRUCTURAL WELDING CODE, LATEST EDITION.

SPECIAL INSPECTION

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

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NYSE AMT

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3
CONNECTICUT

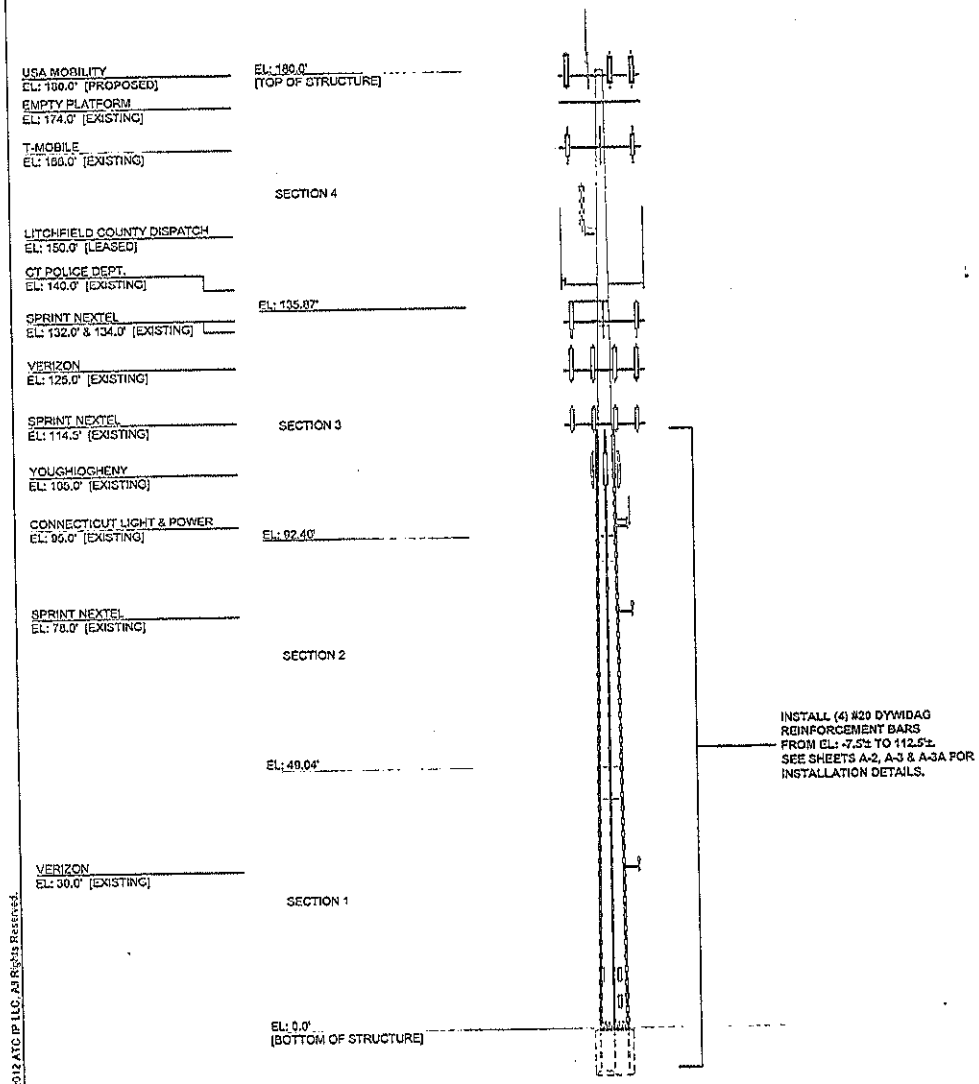
SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098

STATE OF CONNECTICUT
WILLIAM J. WARRET
No. 23235
LICENSED PROFESSIONAL ENGINEER
10/15/12

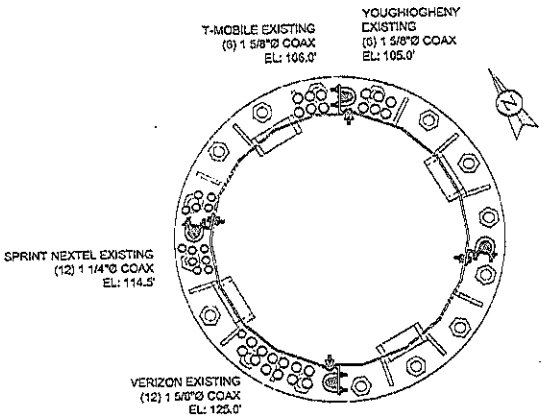
DRAWN BY:	DMB
APPROVED BY:	[illegible]
DATE DRAWN:	10/13/12
ATC JOB NO:	30492933

SHEET TITLE:
IBC GENERAL NOTES

SHEET NUMBER:	REV. #
IGN	0



TOWER ELEVATION VIEW



COAX DISTRIBUTION
EXTERIOR ONLY

NOTES:
1. PROPOSED AT&T MOBILITY COAX TO BE INSTALLED INSIDE MONOPOLE.
2. RECONFIGURE ANTENNAS AT 105' AS NECESSARY.

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FAX: (919) 468-5415
NYSE: AMT

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/19/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3

CONNECTICUT

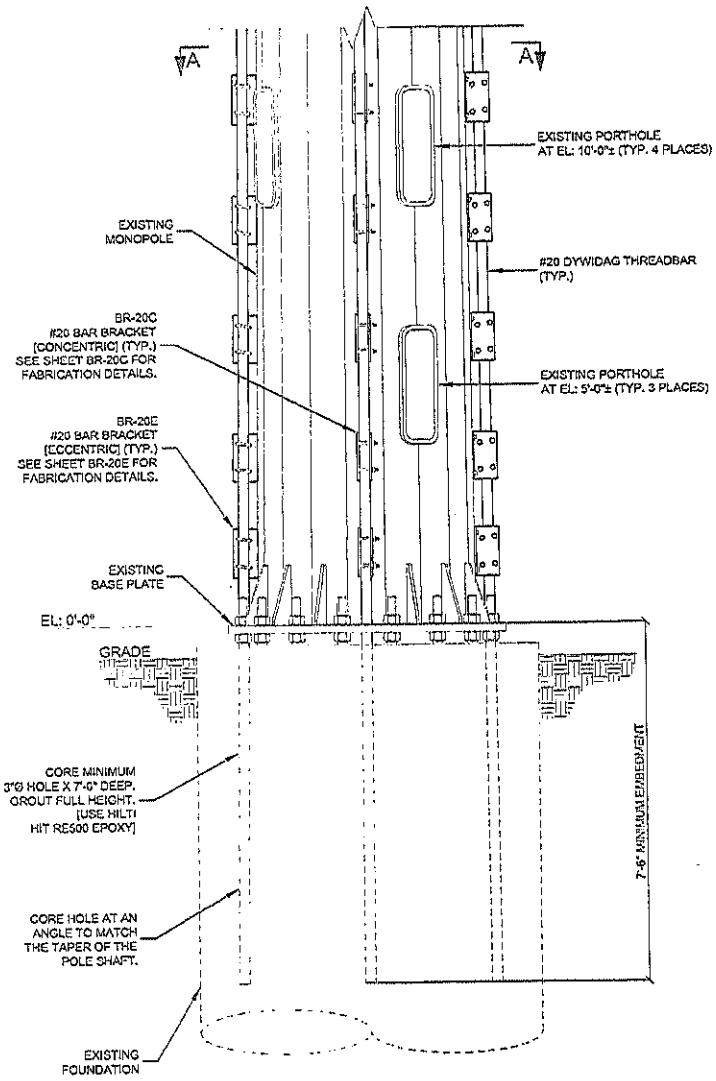
SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098

STATE OF CONNECTICUT
WILLIAM J. WARRETT
No. 29235
LICENSED
PROFESSIONAL ENGINEER

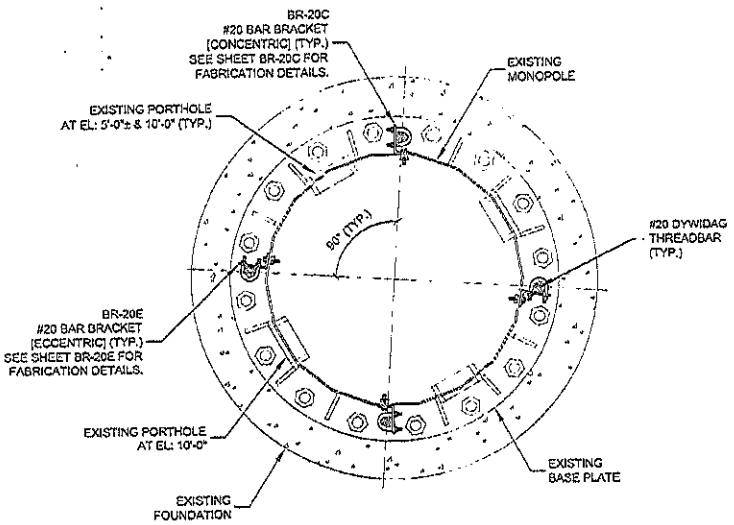
DRAWN BY:	DMB
APPROVED BY:	[illegible] / JMS
DATE DRAWN:	10/19/12
ATC JOB NO:	50402033

SHEET TITLE:
MODIFICATION PROFILE

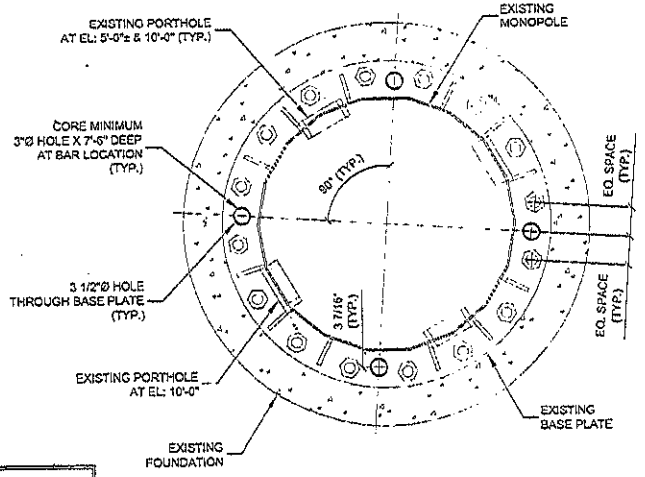
SHEET NUMBER: A-1
REV. #: 0



ELEVATION VIEW
FOUNDATION DETAIL



PLAN VIEW
SECTION "A-A"



PLAN VIEW
HOLE DRILL DETAIL

NOTES:
1. DO NOT CUT ANY EXISTING REBAR TIES IN THE CAISSON.
2. REMOVE EXISTING STIFFENERS AS NECESSARY.

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NYSE AMT

REV.	DESCRIPTION	BY	DATE
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ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3

CONNECTICUT

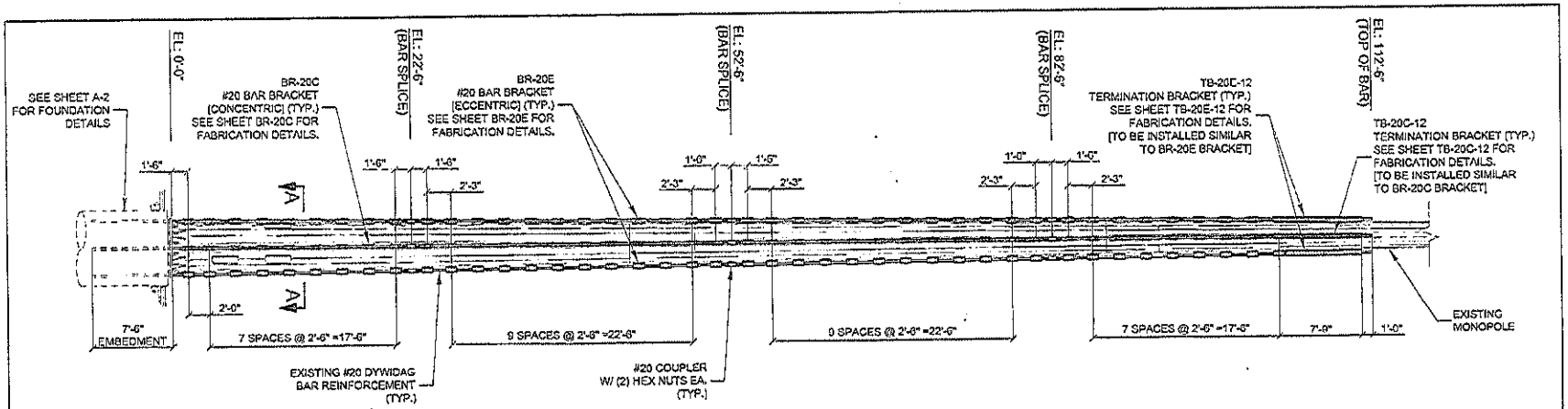
SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098

STATE OF CONNECTICUT
WILLIAM GARRETT
No. 25235
LICENSED PROFESSIONAL ENGINEER

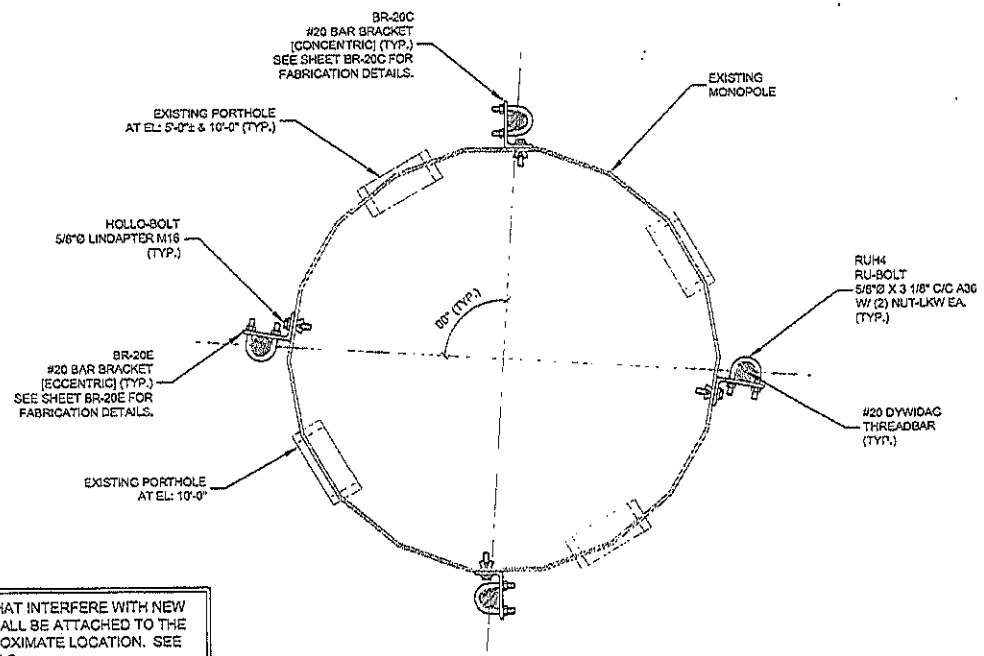
DRAWN BY:	DMB
APPROVED BY:	
DATE DRAWN:	10/15/12
ATC JOB NO:	80492933

SHEET TITLE:
FOUNDATION DETAILS

SHEET NUMBER: A-2
REV. #: 0



ELEVATION VIEW
#20 BRACKET SPACING DETAIL



SECTION "A-A"
TYPICAL DETAIL

NOTES:
1. REPLACE ANY EXISTING STEP BOLTS THAT INTERFERE WITH NEW REINFORCING BARS. THE NEW STEP SHALL BE ATTACHED TO THE REINFORCING BARS IN THE SAME APPROXIMATE LOCATION. SEE SHEET #20SB FOR INSTALLATION DETAILS.
2. SEE SHEET A-3A FOR #20 BAR BRACKET INSTALLATION DETAILS.
3. CONTRACTOR TO RECONFIGURE SAFETY CABLE AND BRACKETS IF IT INTERFERES WITH INSTALLATION OF DYWIDAG REINFORCING BARS OR BRACKETS.

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CONNECTICUT

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WINSTED, CT 06098

STATE OF CONNECTICUT
No. 28235
LICENSED PROFESSIONAL ENGINEER

DRAWN BY:	DMB
APPROVED BY:	[illegible]
DATE DRAWN:	10/15/12
ATC JOB NO.	50402033

SHEET TITLE:
REINFORCEMENT INSTALLATION DETAILS

SHEET NUMBER:	REV. #
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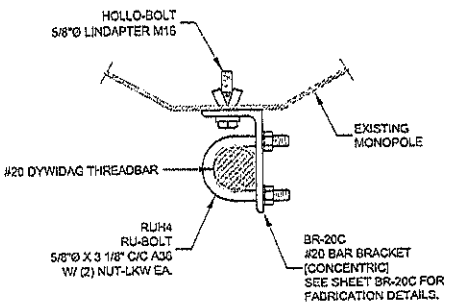

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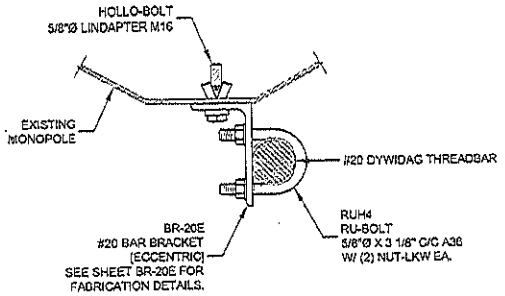
#20 BAR BRACKET ORIENTATION
[CONCENTRIC]



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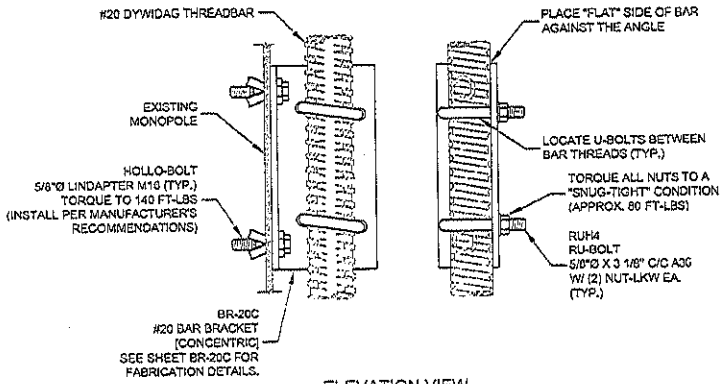
#20 BAR BRACKET ORIENTATION
[ECCENTRIC]



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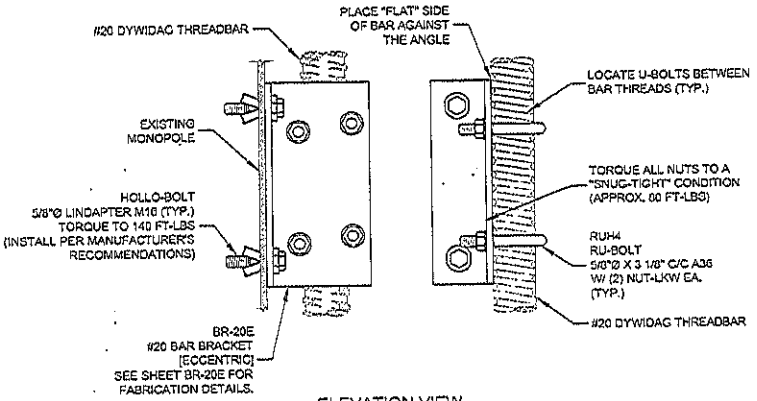
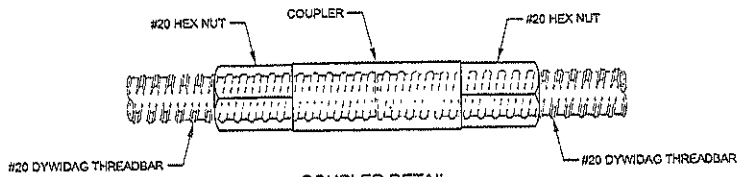
#20 BAR BRACKET ORIENTATION
[CONCENTRIC]



ELEVATION VIEW
#20 BAR BRACKET ORIENTATION
[ECCENTRIC]



COUPLER DETAIL
TYPICAL

AMERICAN TOWER®
ATC TOWER SERVICES, INC.
400 REGENCY FOREST DRIVE
SUITE 300
CARY, NC 27518
PHONE: (919) 468-0112
FAX: (919) 468-3415
NYSE: AMT

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3
CONNECTICUT

SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098

DRAWN BY:	DMB
APPROVED BY:	
DATE DRAWN:	10/15/12
ATC JOB NO:	50402033

SHEET TITLE:
REINFORCEMENT
INSTALLATION DETAILS
(CONT'D)

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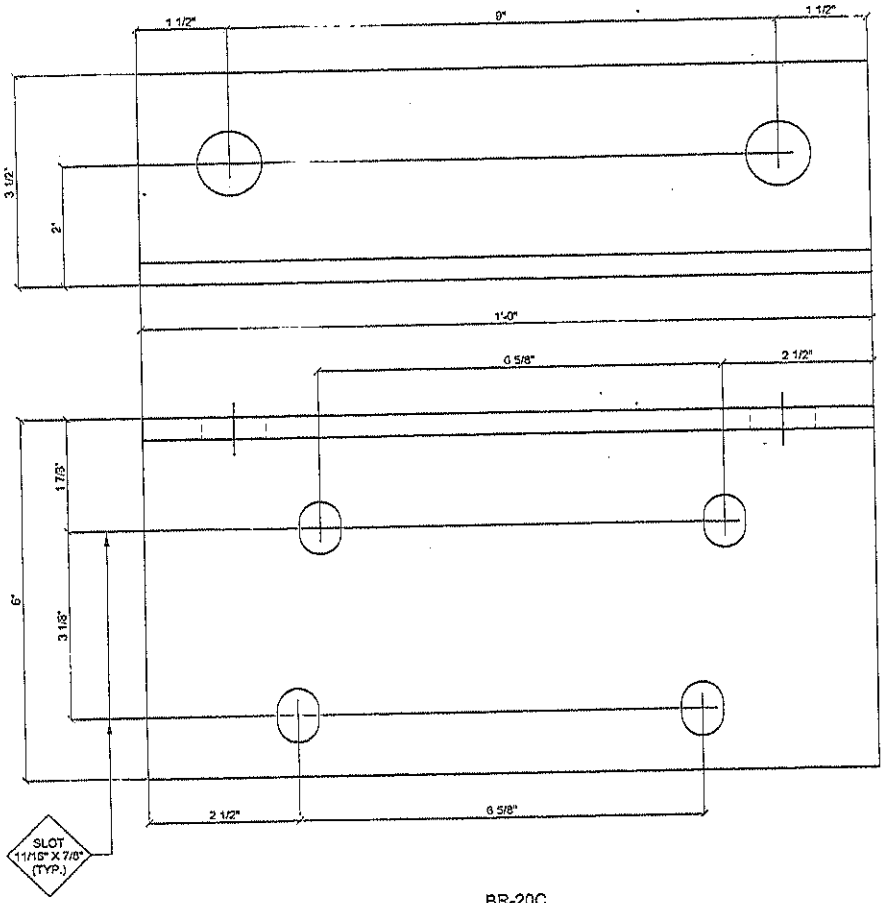


BR-20C
#20 BAR BRACKET
[CONCENTRIC]

BR-20C	L 6" X 3 1/2" X 3/8"	1'-0"		11.7#	12.3#
PART NO.	DESCRIPTION	LENGTH	NOTES	BLK WT	GALV WT
MATERIAL: A36	FINISH: GALVANIZED		HOLES: 1 1/16"Ø U.N.O.		

AMERICAN TOWER®
ATC TOWER SERVICES, INC.
400 REGENCY FOREST DRIVE
SUITE 300
CARY, NC 27518
PHONE: (919) 468-0112
FAX: (919) 460-5415
NYSE: AMT

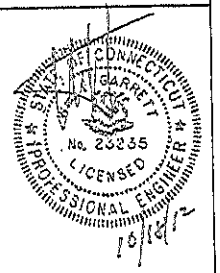
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3

CONNECTICUT

SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098



DRAWN BY:	DMB
APPROVED BY:	
DATE DRAWN:	10/15/12
ATC JOB NO:	50492033

SHEET TITLE:
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[CONCENTRIC]

SHEET NUMBER:	REV. #
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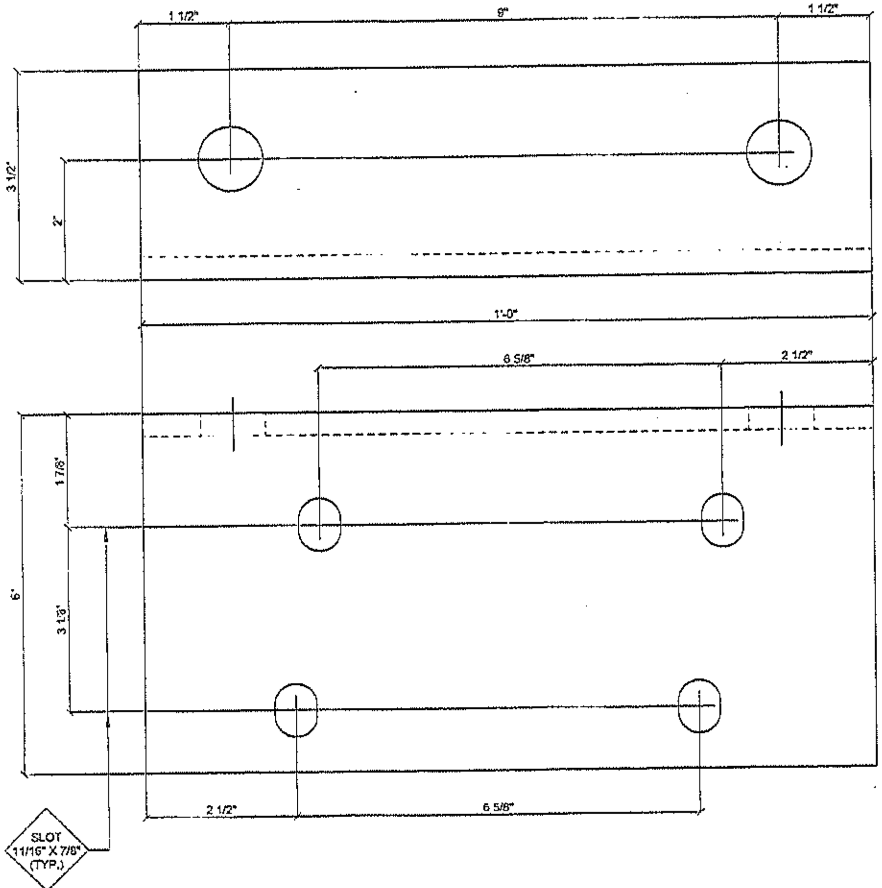

BR-20E
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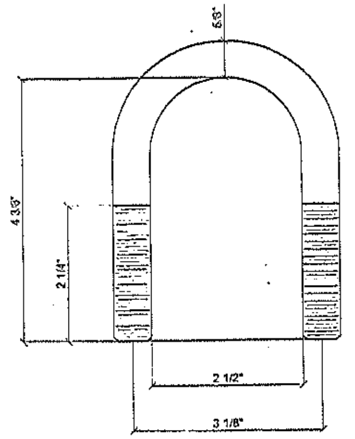
[ECCENTRIC]



RUH4
RU-BOLT 5/8"Ø X 3 1/8" C/C

BR-20E	L 6" X 3 1/2" X 3/8"	1'-0"		11.7#	12.3#
PART NO.	DESCRIPTION	LENGTH	NOTES	BLK WT	GALV WT
MATERIAL: A36	FINISH: GALVANIZED		HOLES: 1 1/16"Ø U.N.O.		

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400 REGENCY FOREST DRIVE
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CARY, NC 27518
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NYSE AMT

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

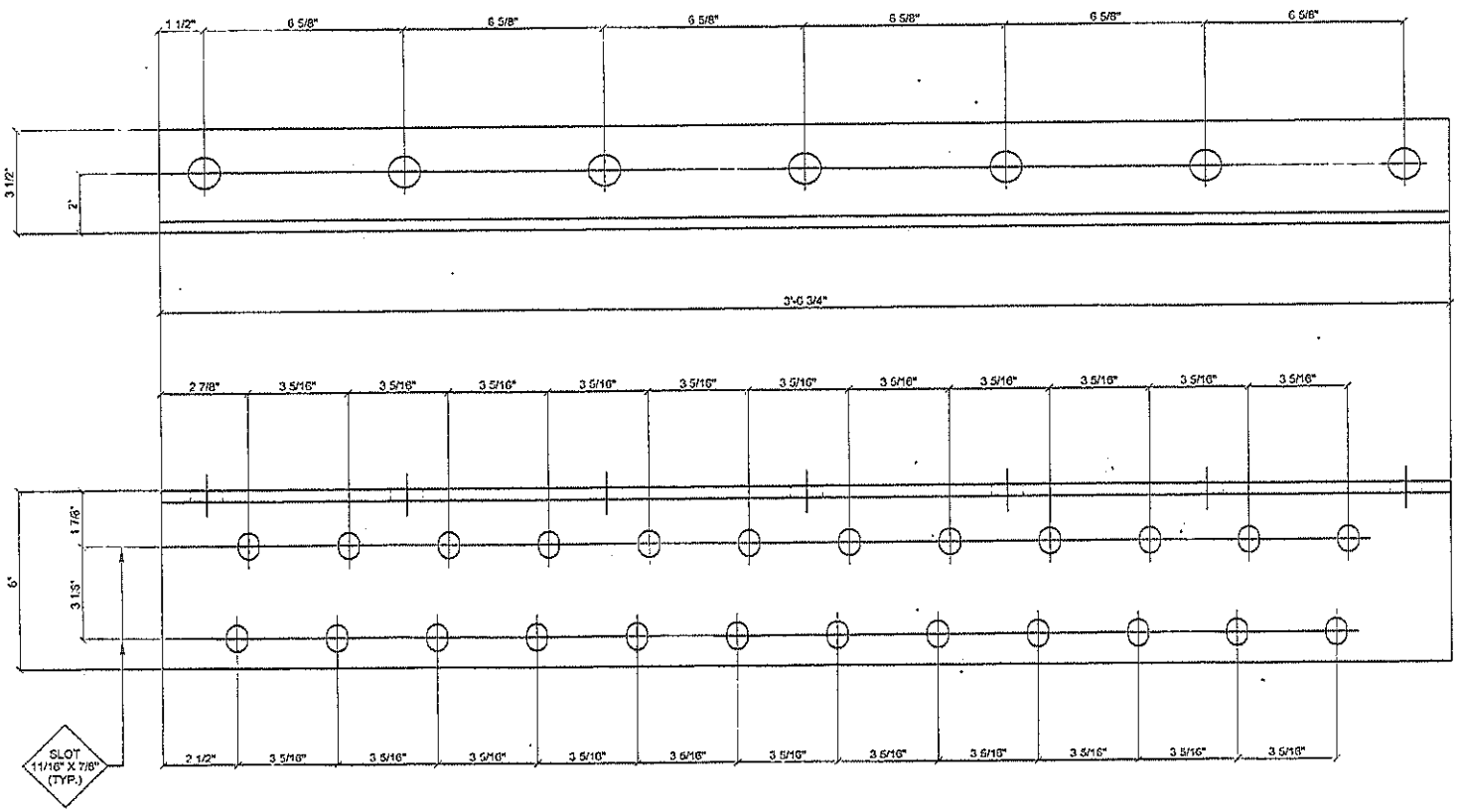
ATC SITE NAME:
WINCHESTER CT 3
CONNECTICUT

SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098

DRAWN BY:	DMB
APPROVED BY:	[illegible]
DATE DRAWN:	10/15/12
ATC JOB NO:	50492033

SHEET TITLE:
#20 BAR BRACKET
[ECCENTRIC]

SHEET NUMBER: BR-20E
REV. #: 0



TB-20C-12
#20 BAR TERMINATION BRACKET
[CONCENTRIC 12 U-BOLT]

TB-20C-12	L 6" X 3 1/2" X 3/8"	3'-6 3/4"		41.7#	43.8#
PART NO.	DESCRIPTION	LENGTH	NOTES	BLK WT	GALV WT
MATERIAL: A36	FINISH: GALVANIZED	HOLES: 1 1/16"Ø U.N.O.			

AMERICAN TOWER®
ATC TOWER SERVICES, INC.
400 REGENCY FOREST DRIVE
SUITE 300
CARY, NC 27518
PHONE: (919) 468-0112
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NYSE: AMT

REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3
CONNECTICUT

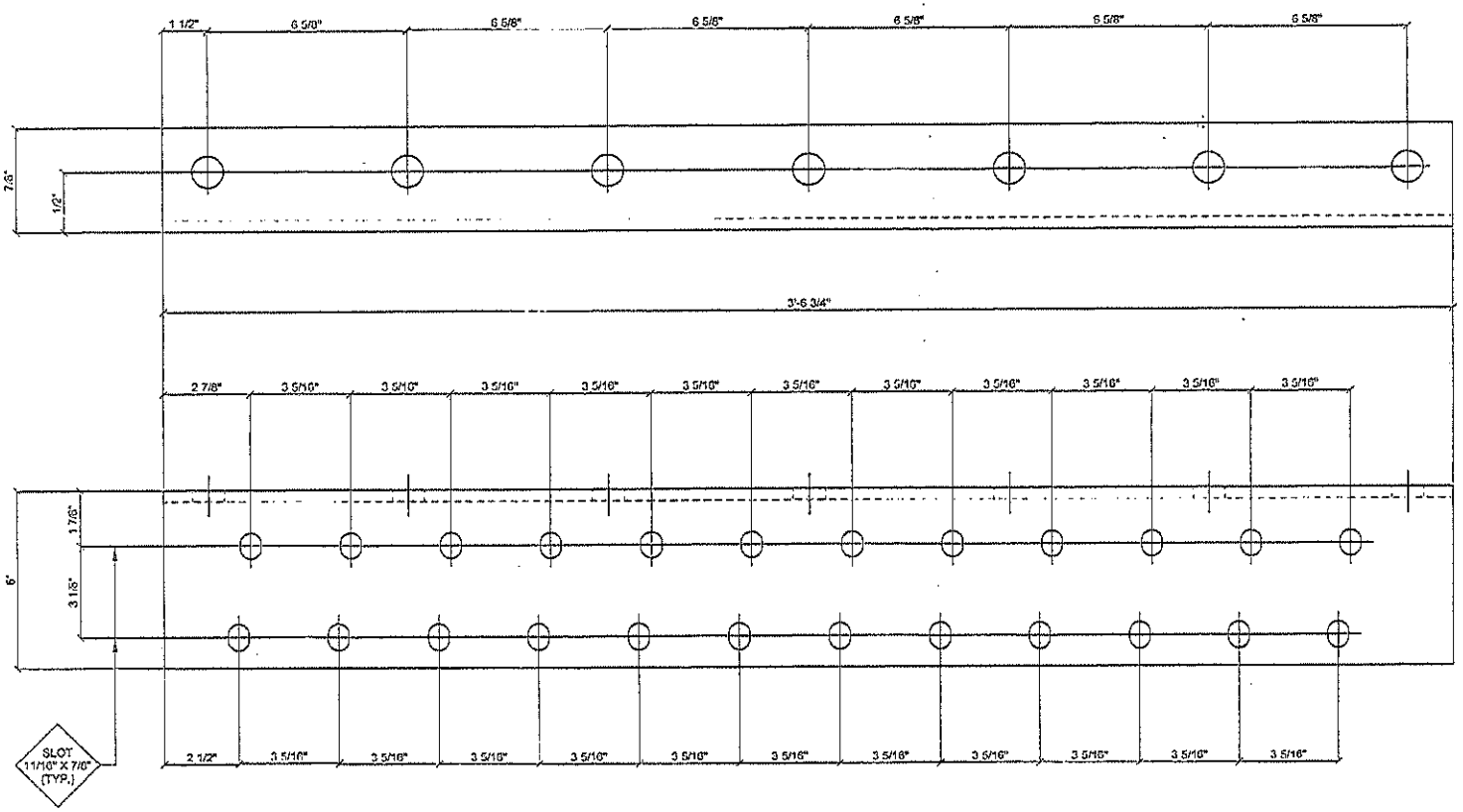
SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098

STATE OF CONNECTICUT
WILLIAM J. GARRETT
No. 23235
LICENSED
PROFESSIONAL ENGINEER
10/15/12

DRAWN BY:	DMB
APPROVED BY:	WJG
DATE DRAWN:	10/15/12
ATC JOB NO:	50492033

SHEET TITLE:
#20 BAR
TERMINATION BRACKET
[CONCENTRIC 12 U-BOLT]

SHEET NUMBER:	REV. #
TB-20C-12	0



TB-20E-12
#20 BAR TERMINATION BRACKET
[ECCENTRIC 12 U-BOLT]

PART NO.	DESCRIPTION	LENGTH	NOTES	BLK WT	GALV WT
TB-20E-12	L 6" X 3 1/2" X 3/8"	3'-6 3/4"		41.7#	43.8#
MATERIAL: A36	FINISH: GALVANIZED	HOLES: 1 1/16"Ø U.N.O.			

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NYSE: AMT

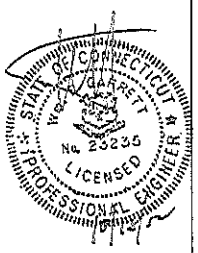
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3

CONNECTICUT

SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098



DRAWN BY:	DMB
APPROVED BY:	WMS
DATE DRAWN:	10/15/12
ATC JOB NO:	00402933

SHEET TITLE:
#20 BAR
TERMINATION BRACKET
[ECCENTRIC 12 U-BOLT]

SHEET NUMBER:	REV. #
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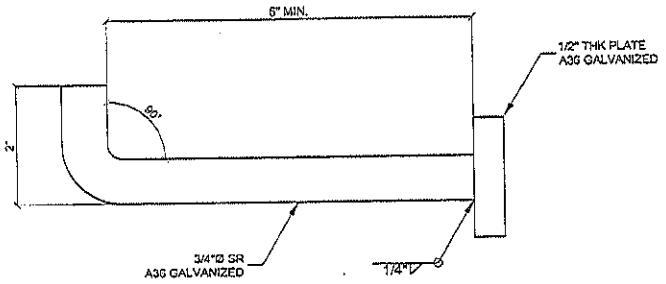

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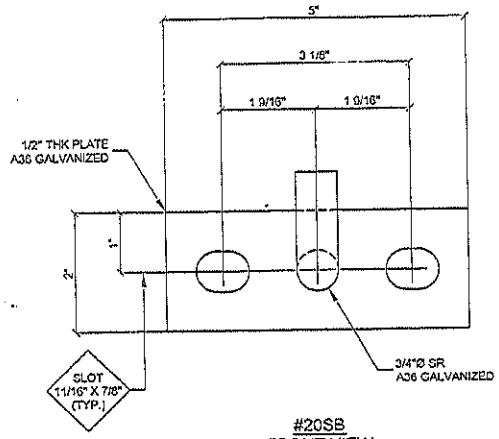
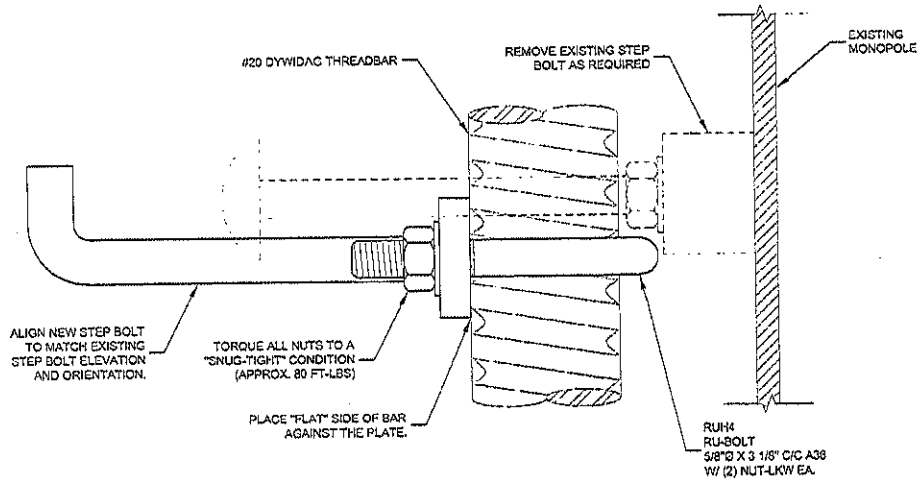
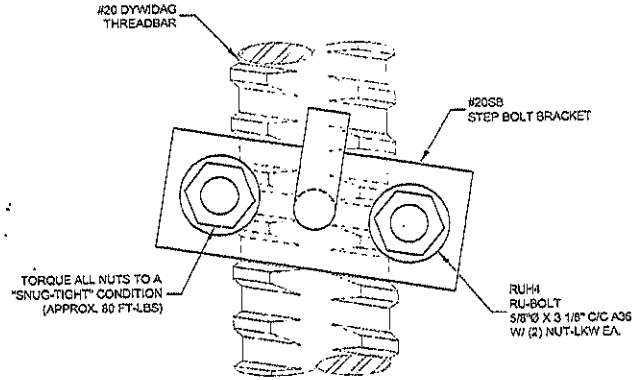


#20SB
FRONT VIEW



#20SB INSTALLATION DETAILS
SIDE VIEW



#20SB INSTALLATION DETAILS
FRONT VIEW

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ATC TOWER SERVICES, INC.
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CARY, NC 27518
PHONE: (919) 468-0112
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NYSE AMT

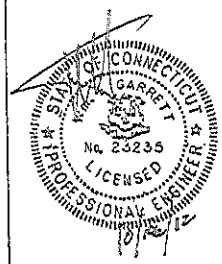
REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	DMB	10/15/12

ATC SITE NUMBER:
302506

ATC SITE NAME:
WINCHESTER CT 3

CONNECTICUT

SITE ADDRESS:
HOLABIRD AVENUE (E. OF FLORENCE ST.)
WINSTED, CT 06098



DRAWN BY:	DMB
APPROVED BY:	[illegible]
DATE DRAWN:	10/15/12
ATC JOB NO:	50492933

SHEET TITLE:
#20 STEP BOLT BRACKET FABRICATION AND INSTALLATION DETAILS

SHEET NUMBER:	REV. #
#20SB	0

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	180 ft Monopole
ATC Site Name	:	Winchester CT 3, CT
ATC Site Number	:	302506
Engineering Number	:	50492921
Proposed Carrier	:	AT&T Mobility
Carrier Site Name	:	Winchester
Carrier Site Number	:	CT1071
Site Location	:	15 Oakdale Avenue Winsted, CT 06098-1862 41.921694,-73.049500
County	:	Litchfield
Date	:	September 12, 2012
Max Usage	:	117%
Result	:	Fail

Michael B. Davenport
Project Engineer

Michael B. Davenport

9/17/12

AMERICAN TOWER®
CORPORATION

Eng. Number 50492921
September 12, 2012

Table of Contents

AMERICAN TOWER®
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Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 180 ft monopole to reflect the change in loading by AT&T Mobility.

Supporting Documents

Tower Drawings	EEI Drawing No. GS52614, dated August 22, 2000
Foundation Drawing	SNET Drawing, dated August 23, 2000
Geotechnical Report	Study by Dr. Welti, dated February 8, 2000
Modifications	ATC Engineering No. 42523432, dated October 24, 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/EIA-222.

Basic Wind Speed:	80 mph (Fastest Mile)
Basic Wind Speed w/ Ice:	69 mph (Fastest Mile)w/ 1/2" radial ice concurrent
Code:	ANSI/TIA/EIA-222-F / 2003 IBC , Sec. 1609.1.1, Exception (4) & Sec. 3108.4 w/ 2005 CT Supplement & 2009 CT Amendment

Conclusion

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

- Reinforce pole shaft from 0 ft. to 100 ft.
- Remove empty low profile platform from 174 ft.

If you have any questions or require additional information, please contact me via email at michael.davenport@americantower.com or call 919-466-5147.

Existing and Reserved Equipment

Mount Elev.[1] (ft)	Qty.	Antenna	Mount Type	Coax (in)	Carrier
180.0	1	10' Omni	Low Profile Platform	(1) 7/8	USA Mobility
174.0	-	-	Empty Low Profile Platform	-	-
166.0	6	CCI DTMA-1819-DD-12	T-Arms	(18) 1 5/8	T-Mobile
	9	RFS APX16PV-16PVL-E-00			
150.0	1	Sinclair SD210C2-SF2P4SNM	Side Arm	(1) 1 5/8	Litchfield County Dispatch
140.0	2	Bird 432-83H-01-T	Side Arms	(6) 1 5/8 (2) 3/8 (1) 1/2 (1) 7/8	CT Police Dept.
	3	Decibel DB809K-XT			
	1	Sinclair SC432D-HF6LDF			
	1	Telewave ANT150D			
134.0	6	Andrew DB980H90E-M	Low Profile Platform	(6) 1 5/8 (3) 1 1/4 Hybriflex	Sprint Nextel
	3	RFS APXVSPP18-C-A20			
132.0	3	Alcatel-Lucent 1900MHz RRH	Flush	-	
	3	Alcatel-Lucent 800 MHz RRH w/ Notch			
125.0	1	Antel BXA-171063/12CF	Low Profile Platform	(12) 1 5/8	Verizon
	2	Antel BXA-171085-12CF-EDIN-X			
	3	Antel BXA-70063/6CF			
	2	Antel LPA-80063/6CF			
	4	Antel LPA-80080/6CF			
	6	RFS FD9R6004/2C-3L			
114.5	12	Decibel DB844H90E-XY	Low Profile Platform	(12) 1 1/4	Sprint Nextel
105.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8	Youghiogheny
95.0	1	Bird 429-83H-01-T	Side Arm	(2) 7/8 (1) 1/2	Connecticut Light & Power
	2	Decibel DB586-Y			
78.0	1	PCTEL GPS-TMG-HR-26N	Flush	(1) 1/2	Sprint Nextel
30.0	1	GPS	Flush	(1) 7/8	Verizon

Proposed Equipment

Elevation[1] (ft)		Qty.	Antenna	Mount Type	Coax (in)	Carrier
Mount	RAD					
180.0	184.0	1	Andrew ABT-DMDF-ADBH	Low Profile Platform	(2) 19.7 mm (12) 1 5/8 (1) 0.40 (1) 3" Conduit	AT&T Mobility
		6	Ericsson RRUS 11			
		3	KMW AM-X-CD-16-65-00T-RET			
		6	Powerwave 7770.00			
		6	Powerwave LGP21401			

[1]Mount 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	107%	Fail
Shaft	117%	Fail
Base Plate	24%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	4243.2
Axial (Kips)	62.5
Shear (Kips)	34.2

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) (°)
180.0	7.117	4.747

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

AMERICAN TOWER®
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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:

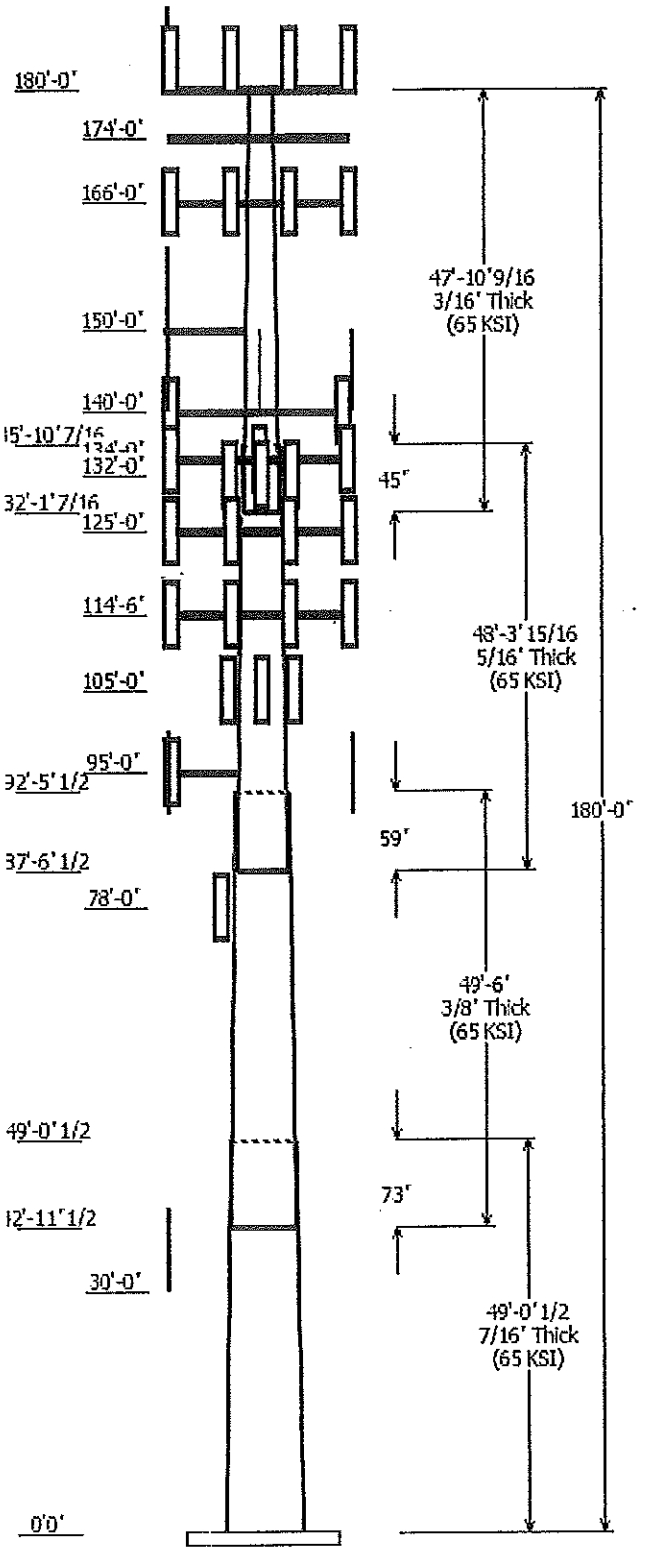
-- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.

-- 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.



Job Information

Pole :	302506	Code: TIA/EIA-222 Rev F
Description :	180 ft EEI Monopole	
Client :	AT&T Mobility	
Location :	Winchester CT 3, CT	
Shape :	18 Sides	
Height :	180.00 (ft)	
Base Elev (ft):	0.00	
Taper:	0.21944 (in/ft)	

Sections Properties

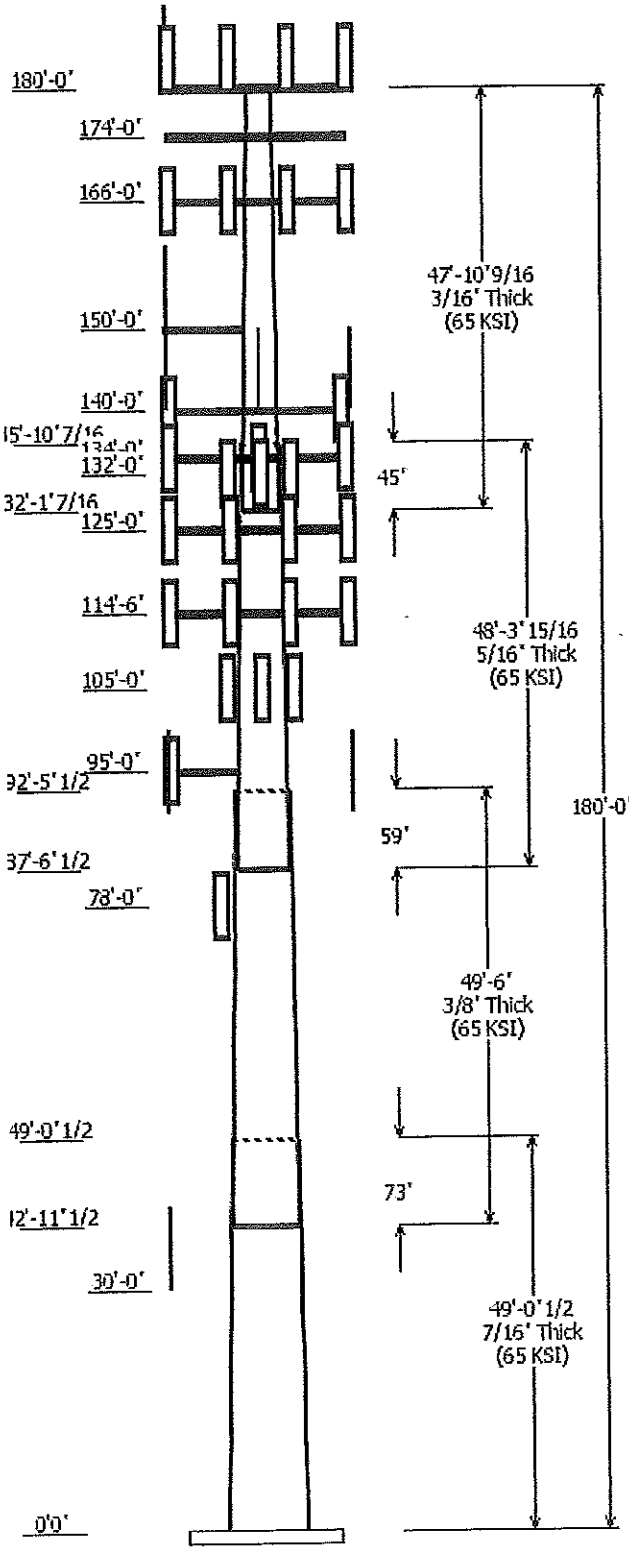
Shaft Section	Length (ft)	Diameter (in) Across Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
1	49.040	41.98	52.75	0.438		0.000	0.219444	65
2	49.500	33.21	44.07	0.375	Slip Joint	73.000	0.219444	65
3	48.330	24.30	34.91	0.313	Slip Joint	59.000	0.219444	65
4	47.880	15.00	25.50	0.188	Slip Joint	45.000	0.219444	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
180.000	189.000	1	10' Omni
180.000	184.000	3	KMW AM-X-CD-16-65-00T-RET
180.000	184.000	1	Andrew ABT-DMDF-ADBH
180.000	184.000	6	Ericsson RRUS 11
180.000	184.000	6	Powerwave 7770.00
180.000	184.000	6	Powerwave LGP21401
180.000	180.000	1	Flat Low Profile Platform
174.000	174.000	1	Flat Low Profile Platform
166.000	166.000	3	Round T-Arm
166.000	166.000	6	CCI DTMA-1819-DD-12
166.000	166.000	9	RFS APX16PV-16PVL-E-00
150.000	155.000	1	Sinclair SD210C2-SF2P4SNM
150.000	150.000	1	Flat Side Arm
140.000	140.000	2	Bird 432-83H-01-T
140.000	146.100	3	Decibel DB809K-XT
140.000	146.540	1	Sinclair SC432D-HF6LDF
140.000	145.000	1	Telewave ANT150D
140.000	140.000	3	Flat Side Arm
134.000	134.000	3	RFS APXVSPP18-C-A20
134.000	134.000	1	Flat Low Profile Platform
134.000	134.000	6	Andrew DB980H90E-M
132.000	132.000	3	Alcatel-Lucent 800 MHz RRH w/
132.000	132.000	3	Alcatel-Lucent 1900MHz RRH
125.000	125.000	6	RFS FD9R6004/2C-3L
125.000	125.000	1	Antel BXA-171063/12CF
125.000	125.000	2	Antel BXA-171085-12CF-EDIN-X
125.000	125.000	3	Antel BXA-70063/6CF
125.000	125.000	1	Round Low Profile Platform
125.000	125.000	2	Antel LPA-80063/6CF
125.000	125.000	4	Antel LPA-80080/6CF
114.500	114.500	1	Round Low Profile Platform
114.500	114.500	12	Decibel DB844H90E-XY
105.000	105.000	3	RFS APXV18-206517S-C
95.000	95.000	1	Bird 429-83H-01-T
95.000	95.000	2	Decibel DB586-Y
95.000	95.000	1	Flat Side Arm
78.000	78.000	1	PCTEL GPS-TMG-HR-26N
30.000	30.500	1	GPS

Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind



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0.000	95.000	1/2" Coax	No
0.000	95.000	7/8" Coax	No
0.000	105.0	1 5/8" Coax	Yes
0.000	114.5	1 1/4" Coax	Yes
0.000	125.0	1 5/8" Coax	Yes
0.000	134.0	1 1/4" Hybriflex	No
0.000	134.0	1 5/8" Coax	No
0.000	140.0	1 5/8" Coax	No
0.000	140.0	1/2" Coax	No
0.000	140.0	3/8" Coax	No
0.000	140.0	7/8" Coax	No
0.000	150.0	1 5/8" Coax	No
0.000	166.0	1 5/8" Coax	Yes
0.000	180.0	0.40" Fiber Cable	No
0.000	180.0	1 5/8" Coax	No
0.000	180.0	19.7 mm Cable	No
0.000	180.0	3" Conduit	No
0.000	180.0	7/8" Coax	No

Load Cases

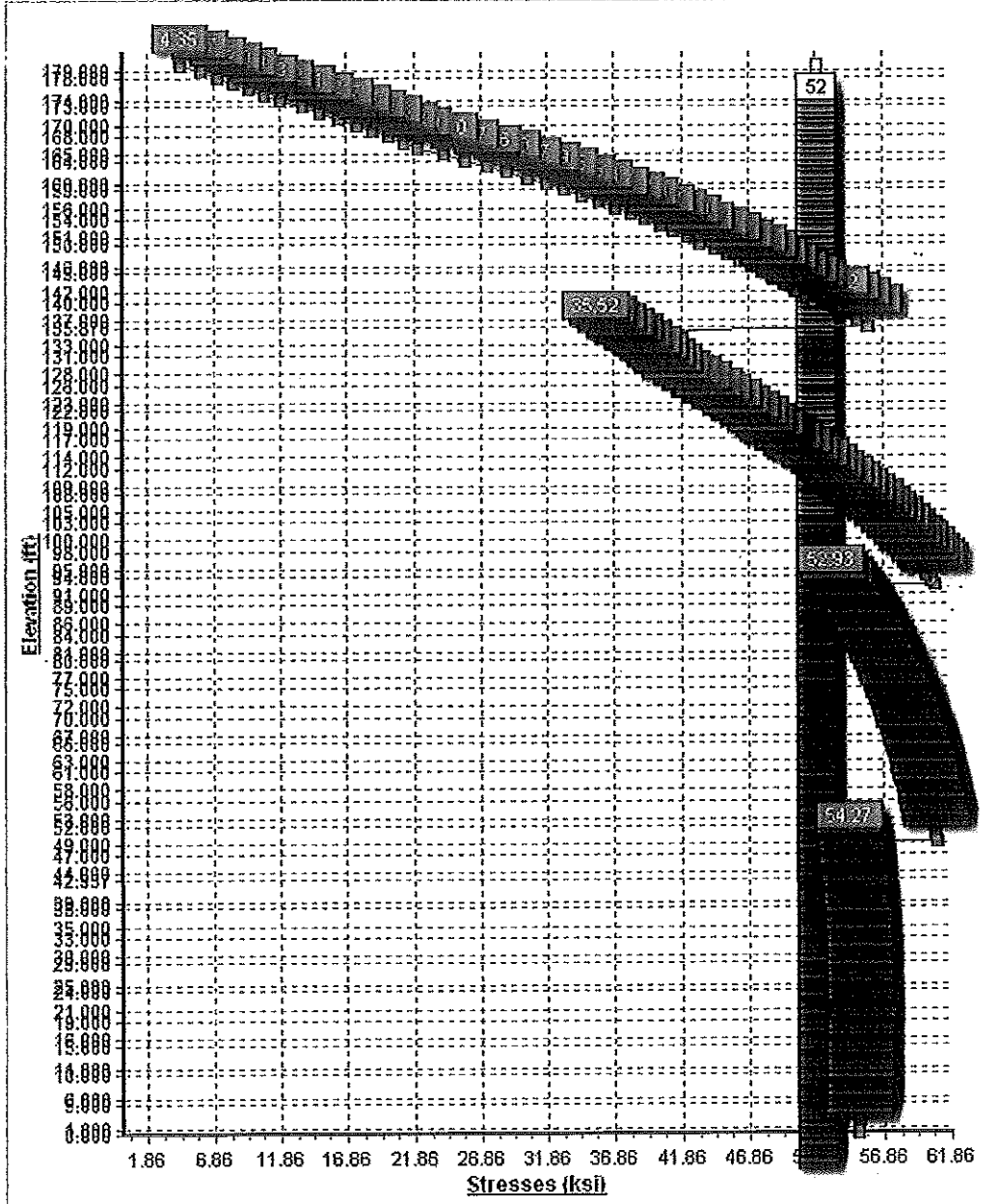
No Ice	80.00 mph Wind with No Ice
Ice	69.28 mph Wind with Ice
Twist/Sway	50.00 mph Wind with No Ice

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
No Ice	4243.21	34.18	47.55
Ice	3839.34	30.03	62.49
Twist/Sway	1663.69	13.35	47.56

Dish Deflections

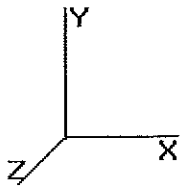
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
	0.00	0.000	0.000


52
Elevation (ft)
1.86
6.86
11.86
16.86
21.86
26.86
31.86
36.86
41.86
46.86
56.86
61.86
Stresses (ksi)

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Page: 1

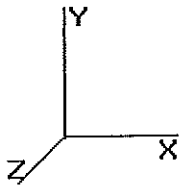
Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (sqin)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (sqin)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-18	49.040	0.4375	65		0.00	10,875	52.75	0.00	72.64	25115.3	19.85	120.57	41.98	49.04	57.70	12585.4	15.51	95.97	0.219444
2-18	49.500	0.3750	65	Slip	73.00	7,672	44.07	42.96	52.01	12548.0	19.31	117.53	33.21	92.46	39.08	5323.8	14.21	88.56	0.219444
3-18	48.330	0.3125	65	Slip	59.00	4,779	34.91	87.54	34.32	5191.7	18.29	111.73	24.30	135.87	23.80	1731.6	12.31	77.79	0.219444
4-18	47.880	0.1875	65	Slip	45.00	1,946	25.50	132.12	15.07	1220.4	22.58	136.04	15.00	180.00	8.81	244.4	12.70	80.00	0.219444
				Shaft Weight		25,271													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
180.00	10' Omni	1	10.00	3.000	1.00	25.00	4.000	1.00	0.000	9.000
180.00	Andrew ABT-DMDF-ADBH	1	1.10	0.050	1.00	1.80	0.110	1.00	0.000	4.000
180.00	Ericsson RRUS 11	6	50.00	2.990	0.67	69.90	3.340	0.67	0.000	4.000
180.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000
180.00	KMW AM-X-CD-16-65-00T-	3	48.50	8.260	0.66	95.00	9.080	0.66	0.000	4.000
180.00	Powerwave 7770.00	6	35.00	5.880	0.64	67.75	6.597	0.64	0.000	4.000
180.00	Powerwave LGP21401	6	14.10	1.290	0.33	21.26	1.530	0.33	0.000	4.000
174.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000
166.00	CCI DTMA-1819-DD-12	6	14.30	0.710	0.33	19.30	0.900	0.33	0.000	0.000
166.00	RFS APX16PV-16PVL-E-00	9	39.60	6.647	0.65	70.65	7.298	0.67	0.000	0.000
166.00	Round T-Arm	3	250.00	9.700	0.67	314.00	12.100	0.67	0.000	0.000
150.00	Flat Side Arm	1	150.00	6.300	1.00	230.00	7.000	1.00	0.000	0.000
150.00	Sinclair SD210C2-SF2P4SNM	1	16.00	1.370	1.00	39.80	4.400	1.00	0.000	5.000
140.00	Bird 432-83H-01-T	2	20.00	1.630	0.33	29.20	1.290	0.33	0.000	0.000
140.00	Decibel DB809K-XT	3	37.50	3.660	1.00	64.00	4.920	1.00	0.000	6.100
140.00	Flat Side Arm	3	150.00	6.300	0.67	230.00	7.000	0.67	0.000	0.000
140.00	Sinclair SC432D-HF6LDF	1	50.00	5.030	1.00	86.00	6.520	1.00	0.000	6.540
140.00	Telewave ANT150D	1	18.00	1.090	1.00	50.00	6.500	1.00	0.000	5.000
134.00	Andrew DB980H90E-M	6	8.50	3.900	0.67	29.47	4.470	0.67	0.000	0.000
134.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000
134.00	RFS APXVSPP18-C-A20	3	57.00	8.260	0.68	106.50	9.080	0.69	0.000	0.000
132.00	Alcatel-Lucent 1900MHz RRH	3	44.00	3.800	0.50	75.20	4.200	0.50	0.000	0.000
132.00	Alcatel-Lucent 800 MHz RRH	3	61.80	2.910	0.50	87.80	3.260	0.50	0.000	0.000
125.00	Antel BXA-171063/12CF	1	15.00	4.790	0.79	42.40	5.460	0.80	0.000	0.000
125.00	Antel BXA-171085-12CF-EDIN-	2	15.00	4.770	0.79	42.40	5.450	0.80	0.000	0.000
125.00	Antel BXA-70063/6CF	3	17.00	7.730	0.74	58.00	8.540	0.74	0.000	0.000
125.00	Antel LPA-80063/6CF	2	27.00	10.340	0.81	101.00	11.180	0.81	0.000	0.000
125.00	Antel LPA-80080/6CF	4	21.00	9.100	0.74	50.00	9.930	0.75	0.000	0.000
125.00	RFS FD9R6004/2C-3L	6	3.10	0.370	0.33	5.40	0.500	0.33	0.000	0.000
125.00	Round Low Profile Platform	1	1500.00	21.700	1.00	1,700.00	27.200	1.00	0.000	0.000
114.50	Decibel DB844H90E-XY	12	14.00	3.730	0.73	40.30	4.290	0.73	0.000	0.000
114.50	Round Low Profile Platform	1	1500.00	21.700	1.00	1,700.00	27.200	1.00	0.000	0.000
105.00	RFS APXV18-206517S-C	3	26.40	5.160	0.80	53.13	5.850	0.82	0.000	0.000
95.00	Bird 429-83H-01-T	1	20.00	1.050	0.33	29.20	1.290	0.33	0.000	0.000
95.00	Decibel DB586-Y	2	10.00	0.740	1.00	15.00	1.230	1.00	0.000	0.000
95.00	Flat Side Arm	1	150.00	6.300	1.00	230.00	7.000	1.00	0.000	0.000
78.00	PCTEL GPS-TMG-HR-26N	1	0.60	0.090	1.00	1.90	0.140	1.00	0.000	0.000
30.00	GPS	1	10.00	1.000	1.00	18.24	1.210	1.00	0.000	0.500
	Totals	112	11519.70			15,478.30			Number of Loadings :	38

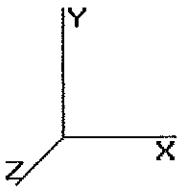
Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:39 PM
Location :	Winchester CT 3, CT		Page: 2
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Linear Appurtenance Properties

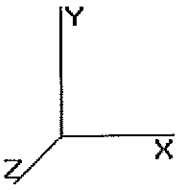
Elev From (ft)	Elev To (ft)	Description	No Ice Weight (lb/ft)	No Ice CaAa (sf/ft)	Ice Weight (lb/ft)	Ice CaAa (sf/ft)	Exposed To Wind
0.00	180.00	(1) 0.40" Fiber Cable	0.09	0.00	0.00	0.00	N
0.00	180.00	(12) 1 5/8" Coax	9.84	0.00	0.00	0.00	N
0.00	180.00	(2) 19.7 mm Cable	0.59	0.00	0.00	0.00	N
0.00	180.00	(1) 3" Conduit	7.58	0.00	0.00	0.00	N
0.00	180.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	N
0.00	166.00	(18) 1 5/8" Coax	14.76	0.40	42.03	0.60	Y
0.00	150.00	(1) 1 5/8" Coax	0.82	0.00	0.00	0.00	N
0.00	140.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	N
0.00	140.00	(1) 1/2" Coax	0.15	0.00	0.00	0.00	N
0.00	140.00	(2) 3/8" Coax	0.16	0.00	0.00	0.00	N
0.00	140.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	N
0.00	134.00	(3) 1 1/4" Hybriflex	3.00	0.00	0.00	0.00	N
0.00	134.00	(6) 1 5/8" Coax	7.38	0.00	0.00	0.00	N
0.00	125.00	(12) 1 5/8" Coax	9.84	0.40	42.03	0.60	Y
0.00	114.50	(12) 1 1/4" Coax	7.56	0.00	0.00	0.00	Y
0.00	105.00	(6) 1 5/8" Coax	4.92	0.00	0.00	0.00	Y
0.00	95.00	(1) 1/2" Coax	0.15	0.00	0.00	0.00	N
0.00	95.00	(2) 7/8" Coax	0.66	0.00	0.00	0.00	N
0.00	78.00	(1) 1/2" Coax	0.15	0.00	0.00	0.00	N
0.00	30.00	(1) 7/8" Coax	0.33	0.00	0.00	0.00	Y
		Total Weight	10,770.65 (lb)		12,230.73 (lb)		

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:39 PM
Location :	Winchester CT 3, CT		Page: 3
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Segment Properties (Max Len : 1 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)
0.00		0.4375	52.750	72.640	25,115.3	19.85	120.57	65	52	0.0
1.00		0.4375	52.531	72.335	24,800.6	19.76	120.07	65	52	246.7
2.00		0.4375	52.311	72.030	24,488.5	19.67	119.57	65	52	245.6
3.00		0.4375	52.092	71.726	24,179.0	19.58	119.07	65	52	244.6
4.00		0.4375	51.872	71.421	23,872.2	19.50	118.57	65	52	243.5
5.00		0.4375	51.653	71.116	23,567.9	19.41	118.06	65	52	242.5
6.00		0.4375	51.433	70.812	23,266.3	19.32	117.56	65	52	241.5
7.00		0.4375	51.214	70.507	22,967.2	19.23	117.06	65	52	240.4
8.00		0.4375	50.994	70.202	22,670.7	19.14	116.56	65	52	239.4
9.00		0.4375	50.775	69.897	22,376.8	19.05	116.06	65	52	238.4
10.00		0.4375	50.556	69.593	22,085.4	18.96	115.56	65	52	237.3
11.00		0.4375	50.336	69.288	21,796.6	18.88	115.05	65	52	236.3
12.00		0.4375	50.117	68.983	21,510.2	18.79	114.55	65	52	235.3
13.00		0.4375	49.897	68.679	21,226.5	18.70	114.05	65	52	234.2
14.00		0.4375	49.678	68.374	20,945.2	18.61	113.55	65	52	233.2
15.00		0.4375	49.458	68.069	20,666.4	18.52	113.05	65	52	232.1
16.00		0.4375	49.239	67.764	20,390.1	18.43	112.55	65	52	231.1
17.00		0.4375	49.019	67.460	20,116.3	18.35	112.04	65	52	230.1
18.00		0.4375	48.800	67.155	19,844.9	18.26	111.54	65	52	229.0
19.00		0.4375	48.581	66.850	19,576.0	18.17	111.04	65	52	228.0
20.00		0.4375	48.361	66.546	19,309.5	18.08	110.54	65	52	227.0
21.00		0.4375	48.142	66.241	19,045.5	17.99	110.04	65	52	225.9
22.00		0.4375	47.922	65.936	18,783.8	17.90	109.54	65	52	224.9
23.00		0.4375	47.703	65.631	18,524.6	17.82	109.03	65	52	223.8
24.00		0.4375	47.483	65.327	18,267.8	17.73	108.53	65	52	222.8
25.00		0.4375	47.264	65.022	18,013.3	17.64	108.03	65	52	221.8
26.00		0.4375	47.044	64.717	17,761.3	17.55	107.53	65	52	220.7
27.00		0.4375	46.825	64.413	17,511.6	17.46	107.03	65	52	219.7
28.00		0.4375	46.606	64.108	17,264.2	17.37	106.53	65	52	218.7
29.00		0.4375	46.386	63.803	17,019.2	17.28	106.03	65	52	217.6
30.00		0.4375	46.167	63.498	16,776.5	17.20	105.52	65	52	216.6
31.00		0.4375	45.947	63.194	16,536.2	17.11	105.02	65	52	215.6
32.00		0.4375	45.728	62.889	16,298.1	17.02	104.52	65	52	214.5
33.00		0.4375	45.508	62.584	16,062.4	16.93	104.02	65	52	213.5
34.00		0.4375	45.289	62.280	15,828.9	16.84	103.52	65	52	212.4
35.00		0.4375	45.069	61.975	15,597.7	16.75	103.02	65	52	211.4
36.00		0.4375	44.850	61.670	15,368.7	16.67	102.51	65	52	210.4
37.00		0.4375	44.631	61.365	15,142.0	16.58	102.01	65	52	209.3
38.00		0.4375	44.411	61.061	14,917.6	16.49	101.51	65	52	208.3
39.00		0.4375	44.192	60.756	14,695.4	16.40	101.01	65	52	207.3
40.00		0.4375	43.972	60.451	14,475.4	16.31	100.51	65	52	206.2
41.00		0.4375	43.753	60.147	14,257.6	16.22	100.01	65	52	205.2
42.00		0.4375	43.533	59.842	14,042.0	16.13	99.50	65	52	204.1
42.96	Bot - Section 2	0.4375	43.323	59.550	13,837.8	16.05	99.02	65	52	194.3
43.00		0.4375	43.314	59.537	13,828.6	16.05	99.00	65	52	16.5
44.00		0.4375	43.094	59.232	13,617.3	15.96	98.50	65	52	378.6
45.00		0.4375	42.875	58.928	13,408.2	15.87	98.00	65	52	376.6
46.00		0.4375	42.656	58.623	13,201.3	15.78	97.50	65	52	374.7
47.00		0.4375	42.436	58.318	12,996.5	15.69	97.00	65	52	372.8
48.00		0.4375	42.217	58.014	12,793.9	15.60	96.50	65	52	370.9
49.00		0.4375	41.997	57.709	12,593.3	15.52	95.99	65	52	368.9
49.04	Top - Section 1	0.3750	42.738	50.421	11,432.7	18.69	113.97	65	52	14.7
50.00		0.3750	42.528	50.171	11,263.0	18.59	113.41	65	52	164.3
51.00		0.3750	42.308	49.909	11,088.0	18.48	112.82	65	52	170.3
52.00		0.3750	42.089	49.648	10,914.8	18.38	112.24	65	52	169.4
53.00		0.3750	41.869	49.387	10,743.5	18.28	111.65	65	52	168.5
54.00		0.3750	41.650	49.126	10,573.9	18.17	111.07	65	52	167.6
55.00		0.3750	41.431	48.865	10,406.2	18.07	110.48	65	52	166.7

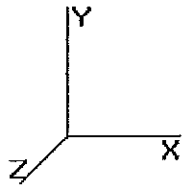


56.00		0.3750	41.211	48.603	10,240.2	17.97	109.90	65	52	165.8
57.00		0.3750	40.992	48.342	10,076.0	17.86	109.31	65	52	164.9
58.00		0.3750	40.772	48.081	9,913.6	17.76	108.73	65	52	164.1
59.00		0.3750	40.553	47.820	9,752.9	17.66	108.14	65	52	163.2
60.00		0.3750	40.333	47.559	9,594.0	17.55	107.56	65	52	162.3
61.00		0.3750	40.114	47.298	9,436.8	17.45	106.97	65	52	161.4
62.00		0.3750	39.894	47.036	9,281.3	17.35	106.39	65	52	160.5
63.00		0.3750	39.675	46.775	9,127.5	17.24	105.80	65	52	159.6
64.00		0.3750	39.456	46.514	8,975.5	17.14	105.21	65	52	158.7
65.00		0.3750	39.236	46.253	8,825.1	17.04	104.63	65	52	157.8
66.00		0.3750	39.017	45.992	8,676.5	16.94	104.04	65	52	156.9
67.00		0.3750	38.797	45.730	8,529.5	16.83	103.46	65	52	156.1
68.00		0.3750	38.578	45.469	8,384.2	16.73	102.87	65	52	155.2
69.00		0.3750	38.358	45.208	8,240.5	16.63	102.29	65	52	154.3
70.00		0.3750	38.139	44.947	8,098.5	16.52	101.70	65	52	153.4
71.00		0.3750	37.919	44.686	7,958.2	16.42	101.12	65	52	152.5
72.00		0.3750	37.700	44.424	7,819.4	16.32	100.53	65	52	151.6
73.00		0.3750	37.481	44.163	7,682.3	16.21	99.95	65	52	150.7
74.00		0.3750	37.261	43.902	7,546.8	16.11	99.36	65	52	149.8
75.00		0.3750	37.042	43.641	7,412.9	16.01	98.78	65	52	148.9
76.00		0.3750	36.822	43.380	7,280.6	15.90	98.19	65	52	148.1
77.00		0.3750	36.603	43.119	7,149.9	15.80	97.61	65	52	147.2
78.00		0.3750	36.383	42.857	7,020.8	15.70	97.02	65	52	146.3
79.00		0.3750	36.164	42.596	6,893.2	15.59	96.44	65	52	145.4
80.00		0.3750	35.944	42.335	6,767.2	15.49	95.85	65	52	144.5
81.00		0.3750	35.725	42.074	6,642.7	15.39	95.27	65	52	143.6
82.00		0.3750	35.506	41.813	6,519.7	15.28	94.68	65	52	142.7
83.00		0.3750	35.286	41.551	6,398.3	15.18	94.10	65	52	141.8
84.00		0.3750	35.067	41.290	6,278.4	15.08	93.51	65	52	140.9
85.00		0.3750	34.847	41.029	6,160.0	14.97	92.93	65	52	140.1
86.00		0.3750	34.628	40.768	6,043.1	14.87	92.34	65	52	139.2
87.00		0.3750	34.408	40.507	5,927.7	14.77	91.76	65	52	138.3
87.54	Bot - Section 3	0.3750	34.290	40.366	5,866.0	14.71	91.44	65	52	74.3
88.00		0.3750	34.189	40.246	5,813.8	14.67	91.17	65	52	116.8
89.00		0.3750	33.969	39.984	5,701.4	14.56	90.59	65	52	252.6
90.00		0.3750	33.750	39.723	5,590.4	14.46	90.00	65	52	250.9
91.00		0.3750	33.531	39.462	5,480.8	14.36	89.41	65	52	249.3
92.00		0.3750	33.311	39.201	5,372.7	14.25	88.83	65	52	247.7
92.46	Top - Section 2	0.3125	33.836	33.250	4,721.1	17.68	108.27	65	52	112.5
93.00		0.3125	33.717	33.132	4,670.9	17.61	107.89	65	52	61.4
94.00		0.3125	33.497	32.914	4,579.4	17.49	107.19	65	52	112.4
95.00		0.3125	33.278	32.696	4,489.2	17.37	106.49	65	52	111.6
96.00		0.3125	33.058	32.479	4,400.1	17.24	105.79	65	52	110.9
97.00		0.3125	32.839	32.261	4,312.2	17.12	105.08	65	52	110.1
98.00		0.3125	32.619	32.043	4,225.5	16.99	104.38	65	52	109.4
99.00		0.3125	32.400	31.826	4,140.0	16.87	103.68	65	52	108.7
100.0		0.3125	32.181	31.608	4,055.7	16.75	102.98	65	52	107.9
101.0		0.3125	31.961	31.390	3,972.4	16.62	102.28	65	52	107.2
102.0		0.3125	31.742	31.173	3,890.4	16.50	101.57	65	52	106.4
103.0		0.3125	31.522	30.955	3,809.5	16.38	100.87	65	52	105.7
104.0		0.3125	31.303	30.737	3,729.7	16.25	100.17	65	52	105.0
105.0		0.3125	31.083	30.520	3,651.0	16.13	99.47	65	52	104.2
106.0		0.3125	30.864	30.302	3,573.4	16.00	98.76	65	52	103.5
107.0		0.3125	30.644	30.084	3,497.0	15.88	98.06	65	52	102.7
108.0		0.3125	30.425	29.867	3,421.6	15.76	97.36	65	52	102.0
109.0		0.3125	30.206	29.649	3,347.4	15.63	96.66	65	52	101.3
110.0		0.3125	29.986	29.431	3,274.2	15.51	95.96	65	52	100.5
111.0		0.3125	29.767	29.214	3,202.1	15.39	95.25	65	52	99.8
112.0		0.3125	29.547	28.996	3,131.1	15.26	94.55	65	52	99.0
113.0		0.3125	29.328	28.778	3,061.1	15.14	93.85	65	52	98.3
114.0		0.3125	29.108	28.561	2,992.2	15.01	93.15	65	52	97.6
114.5		0.3125	28.999	28.452	2,958.1	14.95	92.80	65	52	48.5
115.0		0.3125	28.889	28.343	2,924.3	14.89	92.44	65	52	48.3
116.0		0.3125	28.669	28.126	2,857.4	14.77	91.74	65	52	96.1

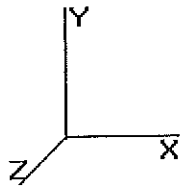
Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

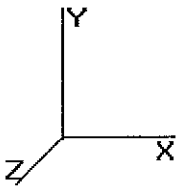


117.0		0.3125	28.450	27.908	2,791.6	14.64	91.04	65	52	95.3
118.0		0.3125	28.231	27.690	2,726.8	14.52	90.34	65	52	94.6
119.0		0.3125	28.011	27.473	2,663.0	14.39	89.64	65	52	93.9
120.0		0.3125	27.792	27.255	2,600.2	14.27	88.93	65	52	93.1
121.0		0.3125	27.572	27.037	2,538.4	14.15	88.23	65	52	92.4
122.0		0.3125	27.353	26.820	2,477.6	14.02	87.53	65	52	91.6
123.0		0.3125	27.133	26.602	2,417.7	13.90	86.83	65	52	90.9
124.0		0.3125	26.914	26.384	2,358.9	13.78	86.12	65	52	90.2
125.0		0.3125	26.694	26.167	2,301.0	13.65	85.42	65	52	89.4
126.0		0.3125	26.475	25.949	2,244.0	13.53	84.72	65	52	88.7
127.0		0.3125	26.256	25.731	2,188.1	13.40	84.02	65	52	87.9
128.0		0.3125	26.036	25.514	2,133.0	13.28	83.32	65	52	87.2
129.0		0.3125	25.817	25.296	2,078.9	13.16	82.61	65	52	86.4
130.0		0.3125	25.597	25.078	2,025.7	13.03	81.91	65	52	85.7
131.0		0.3125	25.378	24.861	1,973.4	12.91	81.21	65	52	85.0
132.0		0.3125	25.158	24.643	1,922.0	12.78	80.51	65	52	84.2
132.1	Bot - Section 4	0.3125	25.132	24.617	1,915.9	12.77	80.42	65	52	10.0
133.0		0.3125	24.939	24.425	1,871.5	12.66	79.80	65	52	118.4
134.0		0.3125	24.719	24.208	1,821.9	12.54	79.10	65	52	133.4
135.0		0.3125	24.500	23.990	1,773.2	12.41	78.40	65	52	132.2
135.8	Top - Section 3	0.1875	24.684	14.578	1,105.3	21.80	131.65	65	52	114.0
136.0		0.1875	24.656	14.561	1,101.4	21.78	131.50	65	52	6.5
137.0		0.1875	24.436	14.430	1,072.0	21.57	130.33	65	52	49.3
138.0		0.1875	24.217	14.300	1,043.2	21.36	129.16	65	52	48.9
139.0		0.1875	23.997	14.169	1,014.9	21.16	127.99	65	52	48.4
140.0		0.1875	23.778	14.039	987.1	20.95	126.81	65	52	48.0
141.0		0.1875	23.558	13.908	959.8	20.74	125.64	65	52	47.5
142.0		0.1875	23.339	13.777	933.0	20.54	124.47	65	52	47.1
143.0		0.1875	23.119	13.647	906.7	20.33	123.30	65	52	46.7
144.0		0.1875	22.900	13.516	880.9	20.12	122.13	65	52	46.2
145.0		0.1875	22.681	13.386	855.6	19.92	120.96	65	52	45.8
146.0		0.1875	22.461	13.255	830.8	19.71	119.79	65	52	45.3
147.0		0.1875	22.242	13.125	806.5	19.51	118.62	65	52	44.9
148.0		0.1875	22.022	12.994	782.7	19.30	117.45	65	52	44.4
149.0		0.1875	21.803	12.863	759.3	19.09	116.28	65	52	44.0
150.0		0.1875	21.583	12.733	736.4	18.89	115.11	65	52	43.5
151.0		0.1875	21.364	12.602	714.0	18.68	113.94	65	52	43.1
152.0		0.1875	21.144	12.472	692.0	18.47	112.77	65	52	42.7
153.0		0.1875	20.925	12.341	670.5	18.27	111.60	65	52	42.2
154.0		0.1875	20.706	12.210	649.5	18.06	110.43	65	52	41.8
155.0		0.1875	20.486	12.080	628.8	17.85	109.26	65	52	41.3
156.0		0.1875	20.267	11.949	608.7	17.65	108.09	65	52	40.9
157.0		0.1875	20.047	11.819	588.9	17.44	106.92	65	52	40.4
158.0		0.1875	19.828	11.688	569.6	17.24	105.75	65	52	40.0
159.0		0.1875	19.608	11.557	550.7	17.03	104.58	65	52	39.5
160.0		0.1875	19.389	11.427	532.3	16.82	103.41	65	52	39.1
161.0		0.1875	19.169	11.296	514.2	16.62	102.24	65	52	38.7
162.0		0.1875	18.950	11.166	496.6	16.41	101.07	65	52	38.2
163.0		0.1875	18.731	11.035	479.4	16.20	99.90	65	52	37.8
164.0		0.1875	18.511	10.904	462.6	16.00	98.73	65	52	37.3
165.0		0.1875	18.292	10.774	446.2	15.79	97.56	65	52	36.9
166.0		0.1875	18.072	10.643	430.1	15.58	96.39	65	52	36.4
167.0		0.1875	17.853	10.513	414.5	15.38	95.21	65	52	36.0
168.0		0.1875	17.633	10.382	399.2	15.17	94.04	65	52	35.6
169.0		0.1875	17.414	10.251	384.4	14.97	92.87	65	52	35.1
170.0		0.1875	17.194	10.121	369.8	14.76	91.70	65	52	34.7
171.0		0.1875	16.975	9.990	355.7	14.55	90.53	65	52	34.2
172.0		0.1875	16.756	9.860	341.9	14.35	89.36	65	52	33.8
173.0		0.1875	16.536	9.729	328.5	14.14	88.19	65	52	33.3
174.0		0.1875	16.317	9.599	315.5	13.93	87.02	65	52	32.9
175.0		0.1875	16.097	9.468	302.8	13.73	85.85	65	52	32.4
176.0		0.1875	15.878	9.337	290.4	13.52	84.68	65	52	32.0
177.0		0.1875	15.658	9.207	278.4	13.31	83.51	65	52	31.6
178.0		0.1875	15.439	9.076	266.7	13.11	82.34	65	52	31.1



179.0		0.1875	15.219	8.946	255.4	12.90	81.17	65	52	30.7
180.0		0.1875	15.000	8.815	244.4	12.70	80.00	65	52	30.2
										25,271.1

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:39 PM
Location :	Winchester CT 3, CT		Page: 7
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

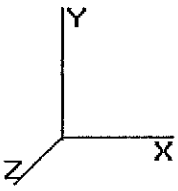
Shaft Segment Forces

Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		0.00	1.00 16.384	27.68	351.66	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00 16.384	27.68	350.20	0.650	0.000	1.00	4.387	2.85	79.0	0.0	246.7
2.00		0.00	1.00 16.384	27.68	348.74	0.650	0.000	1.00	4.368	2.84	78.6	0.0	245.6
3.00		0.00	1.00 16.384	27.68	347.27	0.650	0.000	1.00	4.350	2.83	78.3	0.0	244.6
4.00		0.00	1.00 16.384	27.68	345.81	0.650	0.000	1.00	4.332	2.82	78.0	0.0	243.5
5.00		0.00	1.00 16.384	27.68	344.35	0.650	0.000	1.00	4.314	2.80	77.6	0.0	242.5
6.00		0.00	1.00 16.384	27.68	342.88	0.650	0.000	1.00	4.295	2.79	77.3	0.0	241.5
7.00		0.00	1.00 16.384	27.68	341.42	0.650	0.000	1.00	4.277	2.78	77.0	0.0	240.4
8.00		0.00	1.00 16.384	27.68	339.96	0.650	0.000	1.00	4.259	2.77	76.6	0.0	239.4
9.00		0.00	1.00 16.384	27.68	338.50	0.650	0.000	1.00	4.240	2.76	76.3	0.0	238.4
10.00		0.00	1.00 16.384	27.68	337.03	0.650	0.000	1.00	4.222	2.74	76.0	0.0	237.3
11.00		0.00	1.00 16.384	27.68	335.57	0.650	0.000	1.00	4.204	2.73	75.7	0.0	236.3
12.00		0.00	1.00 16.384	27.68	334.11	0.650	0.000	1.00	4.186	2.72	75.3	0.0	235.3
13.00		0.00	1.00 16.384	27.68	332.64	0.650	0.000	1.00	4.167	2.71	75.0	0.0	234.2
14.00		0.00	1.00 16.384	27.68	331.18	0.650	0.000	1.00	4.149	2.70	74.7	0.0	233.2
15.00		0.00	1.00 16.384	27.68	329.72	0.650	0.000	1.00	4.131	2.68	74.3	0.0	232.1
16.00		0.00	1.00 16.384	27.68	328.25	0.650	0.000	1.00	4.112	2.67	74.0	0.0	231.1
17.00		0.00	1.00 16.384	27.68	326.79	0.650	0.000	1.00	4.094	2.66	73.7	0.0	230.1
18.00		0.00	1.00 16.384	27.68	325.33	0.650	0.000	1.00	4.076	2.65	73.4	0.0	229.0
19.00		0.00	1.00 16.384	27.68	323.87	0.650	0.000	1.00	4.058	2.64	73.0	0.0	228.0
20.00		0.00	1.00 16.384	27.68	322.40	0.650	0.000	1.00	4.039	2.63	72.7	0.0	227.0
21.00		0.00	1.00 16.384	27.68	320.94	0.650	0.000	1.00	4.021	2.61	72.4	0.0	225.9
22.00		0.00	1.00 16.384	27.68	319.48	0.650	0.000	1.00	4.003	2.60	72.0	0.0	224.9
23.00		0.00	1.00 16.384	27.68	318.01	0.650	0.000	1.00	3.984	2.59	71.7	0.0	223.8
24.00		0.00	1.00 16.384	27.68	316.55	0.650	0.000	1.00	3.966	2.58	71.4	0.0	222.8
25.00		0.00	1.00 16.384	27.68	315.09	0.650	0.000	1.00	3.948	2.57	71.1	0.0	221.8
26.00		0.00	1.00 16.384	27.68	313.63	0.650	0.000	1.00	3.930	2.55	70.7	0.0	220.7
27.00		0.00	1.00 16.384	27.68	312.16	0.650	0.000	1.00	3.911	2.54	70.4	0.0	219.7
28.00		0.00	1.00 16.384	27.68	310.70	0.650	0.000	1.00	3.893	2.53	70.1	0.0	218.7
29.00		0.00	1.00 16.384	27.68	309.24	0.650	0.000	1.00	3.875	2.52	69.7	0.0	217.6
30.00	Appertunance(s)	0.00	1.00 16.384	27.68	307.77	0.650	0.000	1.00	3.856	2.51	69.4	0.0	216.6
31.00		0.00	1.00 16.384	27.68	306.31	0.650	0.000	1.00	3.838	2.49	69.1	0.0	215.6
32.00		0.00	1.00 16.384	27.68	304.85	0.650	0.000	1.00	3.820	2.48	68.7	0.0	214.5
33.00		0.00	1.00 16.384	27.68	303.38	0.650	0.000	1.00	3.802	2.47	68.4	0.0	213.5
34.00		0.00	1.00 16.524	27.92	303.21	0.650	0.000	1.00	3.783	2.46	68.7	0.0	212.4
35.00		0.00	1.01 16.662	28.15	302.99	0.650	0.000	1.00	3.765	2.45	68.9	0.0	211.4
36.00		0.00	1.02 16.796	28.38	302.74	0.650	0.000	1.00	3.747	2.44	69.1	0.0	210.4
37.00		0.00	1.03 16.928	28.60	302.44	0.650	0.000	1.00	3.728	2.42	69.3	0.0	209.3
38.00		0.00	1.04 17.058	28.82	302.10	0.650	0.000	1.00	3.710	2.41	69.5	0.0	208.3
39.00		0.00	1.04 17.185	29.04	301.72	0.650	0.000	1.00	3.692	2.40	69.7	0.0	207.3
40.00		0.00	1.05 17.310	29.25	301.31	0.650	0.000	1.00	3.673	2.39	69.9	0.0	206.2
41.00		0.00	1.06 17.432	29.46	300.87	0.650	0.000	1.00	3.655	2.38	70.0	0.0	205.2
42.00		0.00	1.07 17.553	29.66	300.39	0.650	0.000	1.00	3.637	2.36	70.1	0.0	204.1
42.96	Bot - Section 2	0.00	1.07 17.666	29.85	299.91	0.650	0.000	0.96	3.462	2.25	67.2	0.0	194.3
43.00		0.00	1.07 17.671	29.86	299.88	0.650	0.000	0.04	0.160	0.10	3.1	0.0	16.5
44.00		0.00	1.08 17.788	30.06	299.34	0.650	0.000	1.00	3.663	2.38	71.6	0.0	378.6
45.00		0.00	1.09 17.902	30.25	298.78	0.650	0.000	1.00	3.645	2.37	71.7	0.0	376.6
46.00		0.00	1.10 18.015	30.44	298.18	0.650	0.000	1.00	3.626	2.36	71.8	0.0	374.7
47.00		0.00	1.10 18.126	30.63	297.56	0.650	0.000	1.00	3.608	2.35	71.8	0.0	372.8
48.00		0.00	1.11 18.235	30.81	296.92	0.650	0.000	1.00	3.590	2.33	71.9	0.0	370.9
49.00		0.00	1.12 18.343	31.00	296.24	0.650	0.000	1.00	3.571	2.32	72.0	0.0	368.9

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

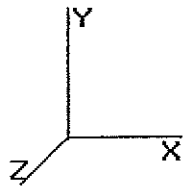
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.04	Top - Section 1	0.00	1.12	18.347	31.00	296.22	0.650	0.000	0.04	0.142	0.09	2.9	0.0	14.7
50.00		0.00	1.12	18.449	31.17	300.85	0.650	0.000	0.96	3.411	2.22	69.1	0.0	164.3
51.00		0.00	1.13	18.554	31.35	300.15	0.650	0.000	1.00	3.535	2.30	72.0	0.0	170.3
52.00		0.00	1.13	18.657	31.53	299.42	0.650	0.000	1.00	3.517	2.29	72.1	0.0	169.4
53.00		0.00	1.14	18.759	31.70	298.67	0.650	0.000	1.00	3.498	2.27	72.1	0.0	168.5
54.00		0.00	1.15	18.859	31.87	297.90	0.650	0.000	1.00	3.480	2.26	72.1	0.0	167.6
55.00		0.00	1.15	18.959	32.04	297.11	0.650	0.000	1.00	3.462	2.25	72.1	0.0	166.7
56.00		0.00	1.16	19.056	32.20	296.30	0.650	0.000	1.00	3.443	2.24	72.1	0.0	165.8
57.00		0.00	1.16	19.153	32.36	295.47	0.650	0.000	1.00	3.425	2.23	72.1	0.0	164.9
58.00		0.00	1.17	19.248	32.53	294.61	0.650	0.000	1.00	3.407	2.21	72.0	0.0	164.1
59.00		0.00	1.18	19.343	32.68	293.75	0.650	0.000	1.00	3.389	2.20	72.0	0.0	163.2
60.00		0.00	1.18	19.436	32.84	292.86	0.650	0.000	1.00	3.370	2.19	72.0	0.0	162.3
61.00		0.00	1.19	19.528	33.00	291.95	0.650	0.000	1.00	3.352	2.18	71.9	0.0	161.4
62.00		0.00	1.19	19.619	33.15	291.03	0.650	0.000	1.00	3.334	2.17	71.8	0.0	160.5
63.00		0.00	1.20	19.709	33.30	290.09	0.650	0.000	1.00	3.315	2.16	71.8	0.0	159.6
64.00		0.00	1.20	19.797	33.45	289.14	0.650	0.000	1.00	3.297	2.14	71.7	0.0	158.7
65.00		0.00	1.21	19.885	33.60	288.17	0.650	0.000	1.00	3.279	2.13	71.6	0.0	157.8
66.00		0.00	1.21	19.972	33.75	287.18	0.650	0.000	1.00	3.261	2.12	71.5	0.0	156.9
67.00		0.00	1.22	20.058	33.89	286.18	0.650	0.000	1.00	3.242	2.11	71.4	0.0	156.1
68.00		0.00	1.22	20.143	34.04	285.16	0.650	0.000	1.00	3.224	2.10	71.3	0.0	155.2
69.00		0.00	1.23	20.228	34.18	284.13	0.650	0.000	1.00	3.206	2.08	71.2	0.0	154.3
70.00		0.00	1.24	20.311	34.32	283.09	0.650	0.000	1.00	3.187	2.07	71.1	0.0	153.4
71.00		0.00	1.24	20.393	34.46	282.03	0.650	0.000	1.00	3.169	2.06	71.0	0.0	152.5
72.00		0.00	1.25	20.475	34.60	280.96	0.650	0.000	1.00	3.151	2.05	70.9	0.0	151.6
73.00		0.00	1.25	20.556	34.73	279.88	0.650	0.000	1.00	3.133	2.04	70.7	0.0	150.7
74.00		0.00	1.26	20.636	34.87	278.78	0.650	0.000	1.00	3.114	2.02	70.6	0.0	149.8
75.00		0.00	1.26	20.715	35.00	277.67	0.650	0.000	1.00	3.096	2.01	70.5	0.0	148.9
76.00		0.00	1.26	20.794	35.14	276.55	0.650	0.000	1.00	3.078	2.00	70.3	0.0	148.1
77.00		0.00	1.27	20.872	35.27	275.41	0.650	0.000	1.00	3.059	1.99	70.1	0.0	147.2
78.00	Appertunance(s)	0.00	1.27	20.949	35.40	274.27	0.650	0.000	1.00	3.041	1.98	70.0	0.0	146.3
79.00		0.00	1.28	21.025	35.53	273.11	0.650	0.000	1.00	3.023	1.96	69.8	0.0	145.4
80.00		0.00	1.28	21.101	35.66	271.94	0.650	0.000	1.00	3.005	1.95	69.6	0.0	144.5
81.00		0.00	1.29	21.176	35.78	270.76	0.650	0.000	1.00	2.986	1.94	69.5	0.0	143.6
82.00		0.00	1.29	21.250	35.91	269.57	0.650	0.000	1.00	2.968	1.93	69.3	0.0	142.7
83.00		0.00	1.30	21.324	36.03	268.37	0.650	0.000	1.00	2.950	1.92	69.1	0.0	141.8
84.00		0.00	1.30	21.397	36.16	267.15	0.650	0.000	1.00	2.931	1.91	68.9	0.0	140.9
85.00		0.00	1.31	21.469	36.28	265.93	0.650	0.000	1.00	2.913	1.89	68.7	0.0	140.1
86.00		0.00	1.31	21.541	36.40	264.70	0.650	0.000	1.00	2.895	1.88	68.5	0.0	139.2
87.00		0.00	1.31	21.613	36.52	263.46	0.650	0.000	1.00	2.877	1.87	68.3	0.0	138.3
87.54	Bot - Section 3	0.00	1.32	21.651	36.59	262.78	0.650	0.000	0.54	1.545	1.00	36.8	0.0	74.3
88.00		0.00	1.32	21.683	36.64	262.20	0.650	0.000	0.46	1.337	0.87	31.8	0.0	116.8
89.00		0.00	1.32	21.753	36.76	260.94	0.650	0.000	1.00	2.892	1.88	69.1	0.0	252.6
90.00		0.00	1.33	21.823	36.88	259.67	0.650	0.000	1.00	2.874	1.87	68.9	0.0	250.9
91.00		0.00	1.33	21.892	36.99	258.39	0.650	0.000	1.00	2.855	1.86	68.7	0.0	249.3
92.00		0.00	1.34	21.960	37.11	257.10	0.650	0.000	1.00	2.837	1.84	68.4	0.0	247.7
92.46	Top - Section 2	0.00	1.34	21.992	37.16	256.51	0.650	0.000	0.46	1.289	0.84	31.1	0.0	112.5
93.00		0.00	1.34	22.028	37.22	260.63	0.650	0.000	0.54	1.530	0.99	37.0	0.0	61.4
94.00		0.00	1.34	22.096	37.34	259.33	0.650	0.000	1.00	2.801	1.82	68.0	0.0	112.4
95.00	Appertunance(s)	0.00	1.35	22.163	37.45	258.02	0.650	0.000	1.00	2.782	1.81	67.7	0.0	111.6
96.00		0.00	1.35	22.229	37.56	256.70	0.650	0.000	1.00	2.764	1.80	67.5	0.0	110.9
97.00		0.00	1.36	22.295	37.67	255.38	0.650	0.000	1.00	2.746	1.78	67.2	0.0	110.1
98.00		0.00	1.36	22.360	37.78	254.04	0.650	0.000	1.00	2.727	1.77	67.0	0.0	109.4
99.00		0.00	1.36	22.425	37.89	252.70	0.650	0.000	1.00	2.709	1.76	66.7	0.0	108.7
100.0		0.00	1.37	22.490	38.00	251.35	0.650	0.000	1.00	2.691	1.75	66.5	0.0	107.9
101.0		0.00	1.37	22.554	38.11	249.99	0.650	0.000	1.00	2.673	1.74	66.2	0.0	107.2
102.0		0.00	1.38	22.617	38.22	248.62	0.650	0.000	1.00	2.654	1.73	65.9	0.0	106.4
103.0		0.00	1.38	22.681	38.33	247.25	0.650	0.000	1.00	2.636	1.71	65.7	0.0	105.7

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

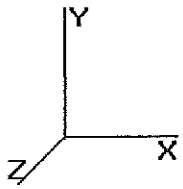
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

104.0		0.00	1.38	22.743	38.43	245.87	0.650	0.000	1.00	2.618	1.70	65.4	0.0	105.0
105.0	Appertunance(s)	0.00	1.39	22.806	38.54	244.48	0.650	0.000	1.00	2.599	1.69	65.1	0.0	104.2
106.0		0.00	1.39	22.867	38.64	243.08	0.650	0.000	1.00	2.581	1.68	64.8	0.0	103.5
107.0		0.00	1.39	22.929	38.75	241.68	0.650	0.000	1.00	2.563	1.67	64.6	0.0	102.7
108.0		0.00	1.40	22.990	38.85	240.26	0.650	0.000	1.00	2.545	1.65	64.3	0.0	102.0
109.0		0.00	1.40	23.051	38.95	238.85	0.650	0.000	1.00	2.526	1.64	64.0	0.0	101.3
110.0		0.00	1.41	23.111	39.05	237.42	0.650	0.000	1.00	2.508	1.63	63.7	0.0	100.5
111.0		0.00	1.41	23.171	39.15	235.99	0.650	0.000	1.00	2.490	1.62	63.4	0.0	99.8
112.0		0.00	1.41	23.230	39.25	234.55	0.650	0.000	1.00	2.471	1.61	63.1	0.0	99.0
113.0		0.00	1.42	23.289	39.35	233.10	0.650	0.000	1.00	2.453	1.59	62.8	0.0	98.3
114.0		0.00	1.42	23.348	39.45	231.65	0.650	0.000	1.00	2.435	1.58	62.4	0.0	97.6
114.5	Appertunance(s)	0.00	1.42	23.377	39.50	230.92	0.650	0.000	0.50	1.211	0.79	31.1	0.0	48.5
115.0		0.00	1.42	23.406	39.55	230.19	0.650	0.000	0.50	1.206	0.78	31.0	0.0	48.3
116.0		0.00	1.43	23.464	39.65	228.72	0.650	0.000	1.00	2.398	1.56	61.8	0.0	96.1
117.0		0.00	1.43	23.522	39.75	227.25	0.650	0.000	1.00	2.380	1.55	61.5	0.0	95.3
118.0		0.00	1.43	23.579	39.84	225.77	0.650	0.000	1.00	2.362	1.54	61.2	0.0	94.6
119.0		0.00	1.44	23.636	39.94	224.29	0.650	0.000	1.00	2.343	1.52	60.8	0.0	93.9
120.0		0.00	1.44	23.692	40.04	222.80	0.650	0.000	1.00	2.325	1.51	60.5	0.0	93.1
121.0		0.00	1.45	23.749	40.13	221.30	0.650	0.000	1.00	2.307	1.50	60.2	0.0	92.4
122.0		0.00	1.45	23.805	40.23	219.80	0.650	0.000	1.00	2.289	1.49	59.8	0.0	91.6
123.0		0.00	1.45	23.860	40.32	218.29	0.650	0.000	1.00	2.270	1.48	59.5	0.0	90.9
124.0		0.00	1.46	23.915	40.41	216.77	0.650	0.000	1.00	2.252	1.46	59.2	0.0	90.2
125.0	Appertunance(s)	0.00	1.46	23.970	40.51	215.25	0.650	0.000	1.00	2.234	1.45	58.8	0.0	89.4
126.0		0.00	1.46	24.025	40.60	213.73	0.650	0.000	1.00	2.215	1.44	58.5	0.0	88.7
127.0		0.00	1.47	24.079	40.69	212.19	0.650	0.000	1.00	2.197	1.43	58.1	0.0	87.9
128.0		0.00	1.47	24.133	40.78	210.66	0.650	0.000	1.00	2.179	1.42	57.8	0.0	87.2
129.0		0.00	1.47	24.187	40.87	209.11	0.650	0.000	1.00	2.161	1.40	57.4	0.0	86.4
130.0		0.00	1.48	24.241	40.96	207.56	0.650	0.000	1.00	2.142	1.39	57.0	0.0	85.7
131.0		0.00	1.48	24.294	41.05	206.01	0.650	0.000	1.00	2.124	1.38	56.7	0.0	85.0
132.0	Appertunance(s)	0.00	1.48	24.347	41.14	204.45	0.650	0.000	1.00	2.106	1.37	56.3	0.0	84.2
132.1	Bot - Section 4	0.00	1.48	24.353	41.15	204.26	0.650	0.000	0.12	0.251	0.16	6.7	0.0	10.0
133.0		0.00	1.48	24.399	41.23	202.89	0.650	0.000	0.88	1.864	1.21	50.0	0.0	118.4
134.0	Appertunance(s)	0.00	1.49	24.451	41.32	201.32	0.650	0.000	1.00	2.100	1.37	56.4	0.0	133.4
135.0		0.00	1.49	24.503	41.41	199.74	0.650	0.000	1.00	2.082	1.35	56.0	0.0	132.2
135.8	Top - Section 3	0.00	1.49	24.548	41.48	198.37	0.650	0.000	0.87	1.796	1.17	48.4	0.0	114.0
136.0		0.00	1.49	24.555	41.49	201.22	0.650	0.000	0.13	0.268	0.17	7.2	0.0	6.5
137.0		0.00	1.50	24.607	41.58	199.64	0.650	0.000	1.00	2.045	1.33	55.3	0.0	49.3
138.0		0.00	1.50	24.658	41.67	198.05	0.650	0.000	1.00	2.027	1.32	54.9	0.0	48.9
139.0		0.00	1.50	24.709	41.75	196.46	0.650	0.000	1.00	2.009	1.31	54.5	0.0	48.4
140.0	Appertunance(s)	0.00	1.51	24.759	41.84	194.86	0.650	0.000	1.00	1.991	1.29	54.1	0.0	48.0
141.0		0.00	1.51	24.810	41.92	193.26	0.650	0.000	1.00	1.972	1.28	53.8	0.0	47.5
142.0		0.00	1.51	24.860	42.01	191.65	0.650	0.000	1.00	1.954	1.27	53.4	0.0	47.1
143.0		0.00	1.52	24.910	42.09	190.04	0.650	0.000	1.00	1.936	1.26	53.0	0.0	46.7
144.0		0.00	1.52	24.959	42.18	188.43	0.650	0.000	1.00	1.917	1.25	52.6	0.0	46.2
145.0		0.00	1.52	25.009	42.26	186.80	0.650	0.000	1.00	1.899	1.23	52.2	0.0	45.8
146.0		0.00	1.52	25.058	42.34	185.18	0.650	0.000	1.00	1.881	1.22	51.8	0.0	45.3
147.0		0.00	1.53	25.107	42.43	183.55	0.650	0.000	1.00	1.863	1.21	51.4	0.0	44.9
148.0		0.00	1.53	25.156	42.51	181.91	0.650	0.000	1.00	1.844	1.20	51.0	0.0	44.4
149.0		0.00	1.53	25.204	42.59	180.27	0.650	0.000	1.00	1.826	1.19	50.6	0.0	44.0
150.0	Appertunance(s)	0.00	1.54	25.252	42.67	178.63	0.650	0.000	1.00	1.808	1.18	50.1	0.0	43.5
151.0		0.00	1.54	25.300	42.75	176.98	0.650	0.000	1.00	1.789	1.16	49.7	0.0	43.1
152.0		0.00	1.54	25.348	42.83	175.33	0.650	0.000	1.00	1.771	1.15	49.3	0.0	42.7
153.0		0.00	1.55	25.395	42.91	173.67	0.650	0.000	1.00	1.753	1.14	48.9	0.0	42.2
154.0		0.00	1.55	25.443	42.99	172.01	0.650	0.000	1.00	1.735	1.13	48.5	0.0	41.8
155.0		0.00	1.55	25.490	43.07	170.35	0.650	0.000	1.00	1.716	1.12	48.1	0.0	41.3
156.0		0.00	1.55	25.537	43.15	168.68	0.650	0.000	1.00	1.698	1.10	47.6	0.0	40.9
157.0		0.00	1.56	25.583	43.23	167.00	0.650	0.000	1.00	1.680	1.09	47.2	0.0	40.4

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

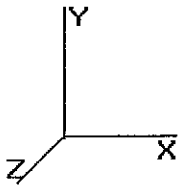
Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

158.0		0.00	1.56	25.630	43.31	165.32	0.650	0.000	1.00	1.661	1.08	46.8	0.0	40.0
159.0		0.00	1.56	25.676	43.39	163.64	0.650	0.000	1.00	1.643	1.07	46.3	0.0	39.5
160.0		0.00	1.57	25.722	43.47	161.95	0.650	0.000	1.00	1.625	1.06	45.9	0.0	39.1
161.0		0.00	1.57	25.768	43.54	160.26	0.650	0.000	1.00	1.607	1.04	45.5	0.0	38.7
162.0		0.00	1.57	25.814	43.62	158.57	0.650	0.000	1.00	1.588	1.03	45.0	0.0	38.2
163.0		0.00	1.57	25.859	43.70	156.87	0.650	0.000	1.00	1.570	1.02	44.6	0.0	37.8
164.0		0.00	1.58	25.904	43.77	155.17	0.650	0.000	1.00	1.552	1.01	44.2	0.0	37.3
165.0		0.00	1.58	25.949	43.85	153.46	0.650	0.000	1.00	1.533	1.00	43.7	0.0	36.9
166.0	Appertunance(s)	0.00	1.58	25.994	43.93	151.75	0.650	0.000	1.00	1.515	0.98	43.3	0.0	36.4
167.0		0.00	1.58	26.039	44.00	150.04	0.650	0.000	1.00	1.497	0.97	42.8	0.0	36.0
168.0		0.00	1.59	26.083	44.08	148.32	0.650	0.000	1.00	1.479	0.96	42.4	0.0	35.6
169.0		0.00	1.59	26.128	44.15	146.60	0.650	0.000	1.00	1.460	0.95	41.9	0.0	35.1
170.0		0.00	1.59	26.172	44.23	144.87	0.650	0.000	1.00	1.442	0.94	41.5	0.0	34.7
171.0		0.00	1.60	26.215	44.30	143.14	0.650	0.000	1.00	1.424	0.93	41.0	0.0	34.2
172.0		0.00	1.60	26.259	44.37	141.41	0.650	0.000	1.00	1.405	0.91	40.5	0.0	33.8
173.0		0.00	1.60	26.303	44.45	139.67	0.650	0.000	1.00	1.387	0.90	40.1	0.0	33.3
174.0	Appertunance(s)	0.00	1.60	26.346	44.52	137.93	0.650	0.000	1.00	1.369	0.89	39.6	0.0	32.9
175.0		0.00	1.61	26.389	44.59	136.19	0.650	0.000	1.00	1.351	0.88	39.2	0.0	32.4
176.0		0.00	1.61	26.432	44.67	134.44	0.650	0.000	1.00	1.332	0.87	38.7	0.0	32.0
177.0		0.00	1.61	26.475	44.74	132.69	0.650	0.000	1.00	1.314	0.85	38.2	0.0	31.6
178.0		0.00	1.61	26.518	44.81	130.94	0.650	0.000	1.00	1.296	0.84	37.7	0.0	31.1
179.0		0.00	1.62	26.560	44.88	129.18	0.650	0.000	1.00	1.277	0.83	37.3	0.0	30.7
180.0	Appertunance(s)	0.00	1.62	26.602	44.95	127.42	0.650	0.000	1.00	1.259	0.82	36.8	0.0	30.2
							Totals:		180.00			11,368.2	0.0	25,271.1



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

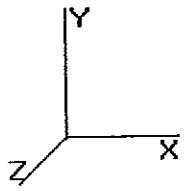
Discrete Appurtenance Segment Forces

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	16.384	27.689	1.00	1.00	0.000	0.500	27.69	0.00	13.84	10.00
78.00	PCTEL GPS-TMG-HR-	1	20.949	35.403	1.00	0.09	0.000	0.000	3.19	0.00	0.00	0.60
95.00	Bird 429-83H-01-T	1	22.163	37.455	0.33	0.35	0.000	0.000	12.98	0.00	0.00	20.00
95.00	Decibel DB586-Y	2	22.163	37.455	1.00	1.48	0.000	0.000	55.43	0.00	0.00	20.00
95.00	Flat Side Arm	1	22.163	37.455	1.00	6.30	0.000	0.000	235.97	0.00	0.00	150.00
105.0	RFS APXV18-206517S-	3	22.806	38.541	0.80	12.38	0.000	0.000	477.30	0.00	0.00	79.20
114.5	Decibel DB844H90E-	12	23.377	39.507	0.73	32.67	0.000	0.000	1,290.89	0.00	0.00	168.00
114.5	Round Low Profile Pl	1	23.377	39.507	1.00	21.70	0.000	0.000	857.30	0.00	0.00	1,500.00
125.0	Antel BXA-171063/12C	1	23.970	40.510	0.79	3.78	0.000	0.000	153.29	0.00	0.00	15.00
125.0	Antel BXA-171085-12C	2	23.970	40.510	0.79	7.54	0.000	0.000	305.31	0.00	0.00	30.00
125.0	Antel BXA-70063/6CF	3	23.970	40.510	0.74	17.16	0.000	0.000	695.18	0.00	0.00	51.00
125.0	Antel LPA-80063/6CF	2	23.970	40.510	0.81	16.75	0.000	0.000	678.58	0.00	0.00	54.00
125.0	Antel LPA-80080/6CF	4	23.970	40.510	0.74	26.94	0.000	0.000	1,091.18	0.00	0.00	84.00
125.0	RFS FD9R6004/2C-3L	6	23.970	40.510	0.33	0.73	0.000	0.000	29.68	0.00	0.00	18.60
125.0	Round Low Profile Pl	1	23.970	40.510	1.00	21.70	0.000	0.000	879.06	0.00	0.00	1,500.00
132.0	Alcatel-Lucent 1900M	3	24.347	41.146	0.50	5.70	0.000	0.000	234.53	0.00	0.00	132.00
132.0	Alcatel-Lucent 800 M	3	24.347	41.146	0.50	4.37	0.000	0.000	179.60	0.00	0.00	185.40
134.0	Andrew DB980H90E-M	6	24.451	41.323	0.67	15.68	0.000	0.000	647.86	0.00	0.00	51.00
134.0	Flat Low Profile Pla	1	24.451	41.323	1.00	26.10	0.000	0.000	1,078.53	0.00	0.00	1,500.00
134.0	RFS APXVSPP18-C-	3	24.451	41.323	0.68	16.85	0.000	0.000	696.31	0.00	0.00	171.00
140.0	Bird 432-83H-01-T	2	24.759	41.843	0.33	1.08	0.000	0.000	45.01	0.00	0.00	40.00
140.0	Decibel DB809K-XT	3	25.063	42.356	1.00	10.98	0.000	6.100	465.07	0.00	2,836.89	112.50
140.0	Flat Side Arm	3	24.759	41.843	0.67	12.66	0.000	0.000	529.86	0.00	0.00	450.00
140.0	Sinclair SC432D-HF6L	1	25.084	42.393	1.00	5.03	0.000	6.540	213.23	0.00	1,394.56	50.00
140.0	Telewave ANT150D	1	25.009	42.265	1.00	1.09	0.000	5.000	46.07	0.00	230.34	18.00
150.0	Flat Side Arm	1	25.252	42.676	1.00	6.30	0.000	0.000	268.86	0.00	0.00	150.00
150.0	Sinclair SD210C2-SF2	1	25.490	43.078	1.00	1.37	0.000	5.000	59.02	0.00	295.08	16.00
166.0	CCI DTMA-1819-DD-12	6	25.994	43.930	0.33	1.41	0.000	0.000	61.76	0.00	0.00	85.80
166.0	RFS APX16PV-16PVL-	9	25.994	43.930	0.65	38.88	0.000	0.000	1,708.22	0.00	0.00	356.40
166.0	Round T-Arm	3	25.994	43.930	0.67	19.50	0.000	0.000	856.50	0.00	0.00	750.00
174.0	Flat Low Profile Pla	1	26.346	44.525	1.00	26.10	0.000	0.000	1,162.10	0.00	0.00	1,500.00
180.0	10' Omni	1	26.976	45.589	1.00	3.00	0.000	9.000	136.77	0.00	1,230.91	10.00
180.0	Andrew ABT-DMDF-	1	26.770	45.241	1.00	0.05	0.000	4.000	2.26	0.00	9.05	1.10
180.0	Ericsson RRUS 11	6	26.770	45.241	0.67	12.02	0.000	4.000	543.79	0.00	2,175.17	300.00
180.0	Flat Low Profile Pla	1	26.602	44.958	1.00	26.10	0.000	0.000	1,173.41	0.00	0.00	1,500.00
180.0	KMW AM-X-CD-16-65-	3	26.770	45.241	0.66	16.35	0.000	4.000	739.91	0.00	2,959.66	145.50
180.0	Powerwave 7770.00	6	26.770	45.241	0.64	22.58	0.000	4.000	1,021.52	0.00	4,086.06	210.00
180.0	Powerwave LGP21401	6	26.770	45.241	0.33	2.55	0.000	4.000	115.56	0.00	462.22	84.60
									18,778.75			11,519.70

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

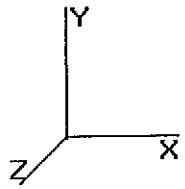
Linear Appurtenance Segment Forces

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
1.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
1.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
1.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
1.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
2.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
2.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
2.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
2.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
2.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
3.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
3.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
3.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
3.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
3.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
4.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
4.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
4.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
4.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
4.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
5.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
5.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
5.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
5.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
5.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
6.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
6.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
6.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
6.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
7.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
7.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
7.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
7.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
8.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
8.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
8.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
9.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
9.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
9.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
9.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
9.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
10.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
10.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
10.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
10.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
10.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
11.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

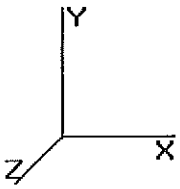
Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

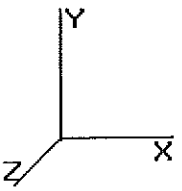
11.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
11.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
11.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
11.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
12.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
12.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
12.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
12.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
12.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
13.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
13.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
13.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
13.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
13.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
14.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
14.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
14.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
14.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
14.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
15.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
15.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
15.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
15.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
15.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
16.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
16.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
16.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
17.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
17.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
17.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
17.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
17.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
18.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
18.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
18.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
18.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
18.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
19.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
19.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
19.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
19.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
19.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
20.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
20.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
20.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
20.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
20.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
21.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
21.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
21.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
21.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
21.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
22.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
22.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
22.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

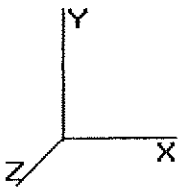
22.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
22.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
23.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
23.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
23.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
23.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
23.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
24.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
24.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
24.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
25.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
25.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
25.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
25.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
25.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
26.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
26.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
26.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
26.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
26.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
27.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
27.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
27.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
27.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
27.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
28.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
28.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
28.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
28.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
29.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
29.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
29.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
29.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
30.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
30.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
30.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
30.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
31.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
31.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
31.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
32.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
32.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
32.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
33.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.384	11.08	14.76
33.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.384	11.08	9.84
33.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
34.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.524	11.17	14.76
34.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.524	11.17	9.84
34.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.524	0.00	7.56



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

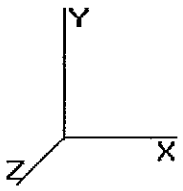
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.524	0.00	4.92
35.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.662	11.26	14.76
35.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.662	11.26	9.84
35.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.662	0.00	7.56
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.662	0.00	4.92
36.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.796	11.35	14.76
36.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.796	11.35	9.84
36.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.796	0.00	7.56
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.796	0.00	4.92
37.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	16.928	11.44	14.76
37.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	16.928	11.44	9.84
37.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.928	0.00	7.56
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.928	0.00	4.92
38.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.058	11.53	14.76
38.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.058	11.53	9.84
38.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.058	0.00	7.56
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.058	0.00	4.92
39.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.185	11.62	14.76
39.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.185	11.62	9.84
39.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.185	0.00	7.56
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.185	0.00	4.92
40.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.310	11.70	14.76
40.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.310	11.70	9.84
40.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.310	0.00	7.56
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.310	0.00	4.92
41.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.432	11.78	14.76
41.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.432	11.78	9.84
41.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.432	0.00	7.56
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.432	0.00	4.92
42.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.553	11.87	14.76
42.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.553	11.87	9.84
42.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.553	0.00	7.56
42.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.553	0.00	4.92
42.96	(18) 1 5/8" Coax	Yes	0.96	14.76	0.40	17.666	11.42	14.12
42.96	(12) 1 5/8" Coax	Yes	0.96	9.84	0.40	17.666	11.42	9.41
42.96	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	17.666	0.00	7.23
42.96	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	17.666	0.00	4.71
43.00	(18) 1 5/8" Coax	Yes	0.04	14.76	0.40	17.671	0.52	0.64
43.00	(12) 1 5/8" Coax	Yes	0.04	9.84	0.40	17.671	0.52	0.43
43.00	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	17.671	0.00	0.33
43.00	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	17.671	0.00	0.21
44.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.788	12.02	14.76
44.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.788	12.02	9.84
44.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.788	0.00	7.56
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.788	0.00	4.92
45.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	17.902	12.10	14.76
45.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	17.902	12.10	9.84
45.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.902	0.00	7.56
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.902	0.00	4.92
46.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.015	12.18	14.76
46.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.015	12.18	9.84
46.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.015	0.00	7.56
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.015	0.00	4.92
47.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.126	12.25	14.76
47.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.126	12.25	9.84
47.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.126	0.00	7.56
47.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.126	0.00	4.92



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

48.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.235	12.33	14.76
48.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.235	12.33	9.84
48.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.235	0.00	7.56
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.235	0.00	4.92
49.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.343	12.40	14.76
49.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.343	12.40	9.84
49.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.343	0.00	7.56
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.343	0.00	4.92
49.04	(18) 1 5/8" Coax	Yes	0.04	14.76	0.40	18.347	0.49	0.59
49.04	(12) 1 5/8" Coax	Yes	0.04	9.84	0.40	18.347	0.49	0.39
49.04	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	18.347	0.00	0.30
49.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	18.347	0.00	0.20
50.00	(18) 1 5/8" Coax	Yes	0.96	14.76	0.40	18.449	11.97	14.17
50.00	(12) 1 5/8" Coax	Yes	0.96	9.84	0.40	18.449	11.97	9.45
50.00	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	18.449	0.00	7.26
50.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	18.449	0.00	4.72
51.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.554	12.54	14.76
51.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.554	12.54	9.84
51.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.554	0.00	7.56
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.554	0.00	4.92
52.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.657	12.61	14.76
52.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.657	12.61	9.84
52.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.657	0.00	7.56
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.657	0.00	4.92
53.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.759	12.68	14.76
53.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.759	12.68	9.84
53.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.759	0.00	7.56
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.759	0.00	4.92
54.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.859	12.75	14.76
54.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.859	12.75	9.84
54.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.859	0.00	7.56
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.859	0.00	4.92
55.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	18.959	12.82	14.76
55.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	18.959	12.82	9.84
55.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.959	0.00	7.56
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.959	0.00	4.92
56.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.056	12.88	14.76
56.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.056	12.88	9.84
56.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.056	0.00	7.56
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.056	0.00	4.92
57.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.153	12.95	14.76
57.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.153	12.95	9.84
57.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.153	0.00	7.56
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.153	0.00	4.92
58.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.248	13.01	14.76
58.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.248	13.01	9.84
58.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.248	0.00	7.56
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.248	0.00	4.92
59.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.343	13.08	14.76
59.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.343	13.08	9.84
59.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.343	0.00	7.56
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.343	0.00	4.92
60.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.436	13.14	14.76
60.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.436	13.14	9.84
60.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.436	0.00	7.56
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.436	0.00	4.92
61.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.528	13.20	14.76



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

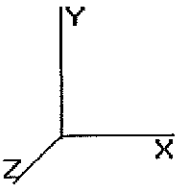
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

61.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.528	13.20	9.84
61.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.528	0.00	7.56
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.528	0.00	4.92
62.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.619	13.26	14.76
62.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.619	13.26	9.84
62.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.619	0.00	7.56
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.619	0.00	4.92
63.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.709	13.32	14.76
63.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.709	13.32	9.84
63.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.709	0.00	7.56
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.709	0.00	4.92
64.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.797	13.38	14.76
64.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.797	13.38	9.84
64.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.797	0.00	7.56
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.797	0.00	4.92
65.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.885	13.44	14.76
65.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.885	13.44	9.84
65.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.885	0.00	7.56
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.885	0.00	4.92
66.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	19.972	13.50	14.76
66.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	19.972	13.50	9.84
66.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.972	0.00	7.56
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.972	0.00	4.92
67.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.058	13.56	14.76
67.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.058	13.56	9.84
67.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.058	0.00	7.56
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.058	0.00	4.92
68.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.143	13.62	14.76
68.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.143	13.62	9.84
68.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.143	0.00	7.56
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.143	0.00	4.92
69.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.228	13.67	14.76
69.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.228	13.67	9.84
69.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.228	0.00	7.56
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.228	0.00	4.92
70.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.311	13.73	14.76
70.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.311	13.73	9.84
70.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.311	0.00	7.56
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.311	0.00	4.92
71.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.393	13.79	14.76
71.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.393	13.79	9.84
71.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.393	0.00	7.56
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.393	0.00	4.92
72.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.475	13.84	14.76
72.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.475	13.84	9.84
72.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.475	0.00	7.56
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.475	0.00	4.92
73.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.556	13.90	14.76
73.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.556	13.90	9.84
73.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.556	0.00	7.56
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.556	0.00	4.92
74.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.636	13.95	14.76
74.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.636	13.95	9.84
74.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.636	0.00	7.56
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.636	0.00	4.92
75.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.715	14.00	14.76
75.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.715	14.00	9.84

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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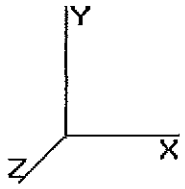
Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

75.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.715	0.00	7.56
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.715	0.00	4.92
76.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.794	14.06	14.76
76.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.794	14.06	9.84
76.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.794	0.00	7.56
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.794	0.00	4.92
77.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.872	14.11	14.76
77.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.872	14.11	9.84
77.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.872	0.00	7.56
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.872	0.00	4.92
78.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	20.949	14.16	14.76
78.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	20.949	14.16	9.84
78.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.949	0.00	7.56
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.949	0.00	4.92
79.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.025	14.21	14.76
79.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.025	14.21	9.84
79.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.025	0.00	7.56
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.025	0.00	4.92
80.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.101	14.26	14.76
80.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.101	14.26	9.84
80.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.101	0.00	7.56
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.101	0.00	4.92
81.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.176	14.31	14.76
81.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.176	14.31	9.84
81.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.176	0.00	7.56
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.176	0.00	4.92
82.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.250	14.37	14.76
82.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.250	14.37	9.84
82.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.250	0.00	7.56
82.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.250	0.00	4.92
83.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.324	14.41	14.76
83.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.324	14.41	9.84
83.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.324	0.00	7.56
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.324	0.00	4.92
84.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.397	14.46	14.76
84.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.397	14.46	9.84
84.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.397	0.00	7.56
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.397	0.00	4.92
85.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.469	14.51	14.76
85.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.469	14.51	9.84
85.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.469	0.00	7.56
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.469	0.00	4.92
86.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.541	14.56	14.76
86.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.541	14.56	9.84
86.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.541	0.00	7.56
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.541	0.00	4.92
87.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.613	14.61	14.76
87.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.613	14.61	9.84
87.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.613	0.00	7.56
87.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.613	0.00	4.92
87.54	(18) 1 5/8" Coax	Yes	0.54	14.76	0.40	21.651	7.90	7.97
87.54	(12) 1 5/8" Coax	Yes	0.54	9.84	0.40	21.651	7.90	5.31
87.54	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	21.651	0.00	4.08
87.54	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	21.651	0.00	2.66
88.00	(18) 1 5/8" Coax	Yes	0.46	14.76	0.40	21.683	6.74	6.79
88.00	(12) 1 5/8" Coax	Yes	0.46	9.84	0.40	21.683	6.74	4.53
88.00	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	21.683	0.00	3.48

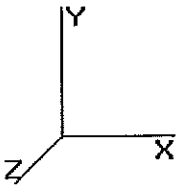


Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

88.00	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	21.683	0.00	2.26
89.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.753	14.71	14.76
89.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.753	14.71	9.84
89.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.753	0.00	7.56
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.753	0.00	4.92
90.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.823	14.75	14.76
90.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.823	14.75	9.84
90.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.823	0.00	7.56
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.823	0.00	4.92
91.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.892	14.80	14.76
91.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.892	14.80	9.84
91.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.892	0.00	7.56
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.892	0.00	4.92
92.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	21.960	14.85	14.76
92.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	21.960	14.85	9.84
92.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.960	0.00	7.56
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.960	0.00	4.92
92.46	(18) 1 5/8" Coax	Yes	0.46	14.76	0.40	21.992	6.79	6.74
92.46	(12) 1 5/8" Coax	Yes	0.46	9.84	0.40	21.992	6.79	4.49
92.46	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	21.992	0.00	3.45
92.46	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	21.992	0.00	2.25
93.00	(18) 1 5/8" Coax	Yes	0.54	14.76	0.40	22.028	8.09	8.02
93.00	(12) 1 5/8" Coax	Yes	0.54	9.84	0.40	22.028	8.09	5.35
93.00	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	22.028	0.00	4.11
93.00	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	22.028	0.00	2.67
94.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.096	14.94	14.76
94.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.096	14.94	9.84
94.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.096	0.00	7.56
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.096	0.00	4.92
95.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.163	14.98	14.76
95.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.163	14.98	9.84
95.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.163	0.00	7.56
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.163	0.00	4.92
96.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.229	15.03	14.76
96.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.229	15.03	9.84
96.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.229	0.00	7.56
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.229	0.00	4.92
97.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.295	15.07	14.76
97.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.295	15.07	9.84
97.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.295	0.00	7.56
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.295	0.00	4.92
98.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.360	15.12	14.76
98.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.360	15.12	9.84
98.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.360	0.00	7.56
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.360	0.00	4.92
99.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.425	15.16	14.76
99.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.425	15.16	9.84
99.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.425	0.00	7.56
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.425	0.00	4.92
100.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.490	15.20	14.76
100.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.490	15.20	9.84
100.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.490	0.00	7.56
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.490	0.00	4.92
101.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.554	15.25	14.76
101.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.554	15.25	9.84
101.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.554	0.00	7.56
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.554	0.00	4.92

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:41 PM
Location :	Winchester CT 3, CT		Page: 20
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

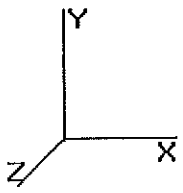
102.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.617	15.29	14.76
102.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.617	15.29	9.84
102.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.617	0.00	7.56
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.617	0.00	4.92
103.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.681	15.33	14.76
103.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.681	15.33	9.84
103.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.681	0.00	7.56
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.681	0.00	4.92
104.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.743	15.37	14.76
104.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.743	15.37	9.84
104.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.743	0.00	7.56
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.743	0.00	4.92
105.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.806	15.42	14.76
105.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.806	15.42	9.84
105.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.806	0.00	7.56
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.806	0.00	4.92
106.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.867	15.46	14.76
106.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.867	15.46	9.84
106.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.867	0.00	7.56
107.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.929	15.50	14.76
107.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.929	15.50	9.84
107.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.929	0.00	7.56
108.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	22.990	15.54	14.76
108.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	22.990	15.54	9.84
108.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.990	0.00	7.56
109.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.051	15.58	14.76
109.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.051	15.58	9.84
109.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.051	0.00	7.56
110.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.111	15.62	14.76
110.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.111	15.62	9.84
110.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.111	0.00	7.56
111.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.171	15.66	14.76
111.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.171	15.66	9.84
111.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.171	0.00	7.56
112.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.230	15.70	14.76
112.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.230	15.70	9.84
112.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.230	0.00	7.56
113.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.289	15.74	14.76
113.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.289	15.74	9.84
113.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.289	0.00	7.56
114.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.348	15.78	14.76
114.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.348	15.78	9.84
114.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.348	0.00	7.56
114.5	(18) 1 5/8" Coax	Yes	0.50	14.76	0.40	23.377	7.90	7.38
114.5	(12) 1 5/8" Coax	Yes	0.50	9.84	0.40	23.377	7.90	4.92
114.5	(12) 1 1/4" Coax	Yes	0.50	7.56	0.00	23.377	0.00	3.78
115.0	(18) 1 5/8" Coax	Yes	0.50	14.76	0.40	23.406	7.91	7.38
115.0	(12) 1 5/8" Coax	Yes	0.50	9.84	0.40	23.406	7.91	4.92
116.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.464	15.86	14.76
116.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.464	15.86	9.84
117.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.522	15.90	14.76
117.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.522	15.90	9.84
118.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.579	15.94	14.76
118.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.579	15.94	9.84
119.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.636	15.98	14.76
119.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.636	15.98	9.84
120.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.692	16.02	14.76

Pole :	302506	Code: TIA/EIA-222 Rev F			9/14/2012 4:06:42 PM
Location :	Winchester CT 3, CT				Page: 21
Height :	180.0 (ft)				
Base Dia :	52.75 (in)				
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	18 Sides				
Taper :	0.219444 (in/ft)				

Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

120.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.692	16.02	9.84
121.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.749	16.05	14.76
121.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.749	16.05	9.84
122.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.805	16.09	14.76
122.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.805	16.09	9.84
123.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.860	16.13	14.76
123.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.860	16.13	9.84
124.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.915	16.17	14.76
124.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.915	16.17	9.84
125.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	23.970	16.20	14.76
125.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	23.970	16.20	9.84
126.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.025	16.24	14.76
127.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.079	16.28	14.76
128.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.133	16.31	14.76
129.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.187	16.35	14.76
130.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.241	16.39	14.76
131.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.294	16.42	14.76
132.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.347	16.46	14.76
132.1	(18) 1 5/8" Coax	Yes	0.12	14.76	0.40	24.353	1.97	1.77
133.0	(18) 1 5/8" Coax	Yes	0.88	14.76	0.40	24.399	14.52	12.99
134.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.451	16.53	14.76
135.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.503	16.56	14.76
135.8	(18) 1 5/8" Coax	Yes	0.87	14.76	0.40	24.548	14.43	12.84
136.0	(18) 1 5/8" Coax	Yes	0.13	14.76	0.40	24.555	2.16	1.92
137.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.607	16.63	14.76
138.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.658	16.67	14.76
139.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.709	16.70	14.76
140.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.759	16.74	14.76
141.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.810	16.77	14.76
142.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.860	16.81	14.76
143.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.910	16.84	14.76
144.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	24.959	16.87	14.76
145.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.009	16.91	14.76
146.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.058	16.94	14.76
147.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.107	16.97	14.76
148.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.156	17.01	14.76
149.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.204	17.04	14.76
150.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.252	17.07	14.76
151.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.300	17.10	14.76
152.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.348	17.14	14.76
153.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.395	17.17	14.76
154.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.443	17.20	14.76
155.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.490	17.23	14.76
156.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.537	17.26	14.76
157.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.583	17.29	14.76
158.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.630	17.33	14.76
159.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.676	17.36	14.76
160.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.722	17.39	14.76
161.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.768	17.42	14.76
162.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.814	17.45	14.76
163.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.859	17.48	14.76
164.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.904	17.51	14.76
165.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.949	17.54	14.76
166.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	25.994	17.57	14.76
						Totals:	4,012.29	5,072.28

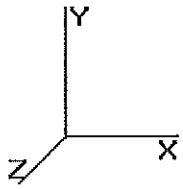


Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	101.10	320.22	0.00	0.00
2.00	100.77	319.18	0.00	0.00
3.00	100.44	318.14	0.00	0.00
4.00	100.11	317.11	0.00	0.00
5.00	99.79	316.07	0.00	0.00
6.00	99.46	315.03	0.00	0.00
7.00	99.13	314.00	0.00	0.00
8.00	98.80	312.96	0.00	0.00
9.00	98.47	311.92	0.00	0.00
10.00	98.14	310.89	0.00	0.00
11.00	97.81	309.85	0.00	0.00
12.00	97.48	308.81	0.00	0.00
13.00	97.15	307.78	0.00	0.00
14.00	96.82	306.74	0.00	0.00
15.00	96.49	305.70	0.00	0.00
16.00	96.17	304.67	0.00	0.00
17.00	95.84	303.63	0.00	0.00
18.00	95.51	302.59	0.00	0.00
19.00	95.18	301.55	0.00	0.00
20.00	94.85	300.52	0.00	0.00
21.00	94.52	299.48	0.00	0.00
22.00	94.19	298.44	0.00	0.00
23.00	93.86	297.41	0.00	0.00
24.00	93.53	296.37	0.00	0.00
25.00	93.20	295.33	0.00	0.00
26.00	92.87	294.30	0.00	0.00
27.00	92.54	293.26	0.00	0.00
28.00	92.22	292.22	0.00	0.00
29.00	91.89	291.19	0.00	0.00
30.00	119.25	300.15	0.00	13.84
31.00	91.23	288.78	0.00	0.00
32.00	90.90	287.75	0.00	0.00
33.00	90.57	286.71	0.00	0.00
34.00	91.01	285.67	0.00	0.00
35.00	91.44	284.63	0.00	0.00
36.00	91.84	283.60	0.00	0.00
37.00	92.22	282.56	0.00	0.00
38.00	92.58	281.52	0.00	0.00
39.00	92.93	280.49	0.00	0.00
40.00	93.25	279.45	0.00	0.00
41.00	93.56	278.41	0.00	0.00
42.00	93.86	277.38	0.00	0.00
42.96	90.03	264.36	0.00	0.00
43.00	4.13	19.67	0.00	0.00
44.00	95.62	451.80	0.00	0.00
45.00	95.88	449.87	0.00	0.00
46.00	96.12	447.95	0.00	0.00
47.00	96.35	446.02	0.00	0.00
48.00	96.56	444.10	0.00	0.00

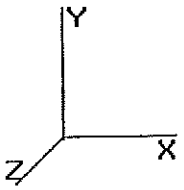


Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

49.00	96.76	442.17	0.00	0.00
49.04	3.85	17.60	0.00	0.00
50.00	93.08	234.62	0.00	0.00
51.00	97.13	243.50	0.00	0.00
52.00	97.30	242.62	0.00	0.00
53.00	97.45	241.73	0.00	0.00
54.00	97.59	240.84	0.00	0.00
55.00	97.73	239.95	0.00	0.00
56.00	97.85	239.06	0.00	0.00
57.00	97.96	238.17	0.00	0.00
58.00	98.06	237.28	0.00	0.00
59.00	98.15	236.39	0.00	0.00
60.00	98.23	235.51	0.00	0.00
61.00	98.31	234.62	0.00	0.00
62.00	98.37	233.73	0.00	0.00
63.00	98.42	232.84	0.00	0.00
64.00	98.47	231.95	0.00	0.00
65.00	98.51	231.06	0.00	0.00
66.00	98.54	230.17	0.00	0.00
67.00	98.56	229.28	0.00	0.00
68.00	98.57	228.40	0.00	0.00
69.00	98.58	227.51	0.00	0.00
70.00	98.58	226.62	0.00	0.00
71.00	98.57	225.73	0.00	0.00
72.00	98.55	224.84	0.00	0.00
73.00	98.53	223.95	0.00	0.00
74.00	98.50	223.06	0.00	0.00
75.00	98.46	222.17	0.00	0.00
76.00	98.41	221.29	0.00	0.00
77.00	98.36	220.40	0.00	0.00
78.00	101.49	220.11	0.00	0.00
79.00	98.24	218.47	0.00	0.00
80.00	98.17	217.58	0.00	0.00
81.00	98.09	216.69	0.00	0.00
82.00	98.01	215.80	0.00	0.00
83.00	97.92	214.91	0.00	0.00
84.00	97.83	214.03	0.00	0.00
85.00	97.73	213.14	0.00	0.00
86.00	97.62	212.25	0.00	0.00
87.00	97.51	211.36	0.00	0.00
87.54	52.56	113.74	0.00	0.00
88.00	45.33	150.38	0.00	0.00
89.00	98.52	325.65	0.00	0.00
90.00	98.40	324.03	0.00	0.00
91.00	98.27	322.40	0.00	0.00
92.00	98.13	320.77	0.00	0.00
92.46	44.72	145.91	0.00	0.00
93.00	53.20	101.09	0.00	0.00
94.00	97.85	185.45	0.00	0.00
95.00	402.08	374.71	0.00	0.00
96.00	97.55	183.16	0.00	0.00
97.00	97.39	182.42	0.00	0.00
98.00	97.23	181.68	0.00	0.00
99.00	97.06	180.94	0.00	0.00
100.0	96.88	180.20	0.00	0.00
101.0	96.71	179.45	0.00	0.00
102.0	96.53	178.71	0.00	0.00

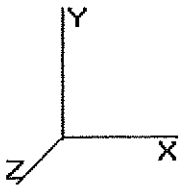
Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:42 PM
Location :	Winchester CT 3, CT		Page: 24
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

103.0	96.34	177.97	0.00	0.00
104.0	96.15	177.23	0.00	0.00
105.0	573.25	255.69	0.00	0.00
106.0	95.75	170.83	0.00	0.00
107.0	95.55	170.09	0.00	0.00
108.0	95.34	169.35	0.00	0.00
109.0	95.13	168.61	0.00	0.00
110.0	94.92	167.87	0.00	0.00
111.0	94.70	167.13	0.00	0.00
112.0	94.47	166.39	0.00	0.00
113.0	94.25	165.65	0.00	0.00
114.0	94.01	164.91	0.00	0.00
114.5	2,195.08	1,750.18	0.00	0.00
115.0	46.83	78.21	0.00	0.00
116.0	93.54	155.87	0.00	0.00
117.0	93.30	155.12	0.00	0.00
118.0	93.05	154.38	0.00	0.00
119.0	92.80	153.64	0.00	0.00
120.0	92.55	152.90	0.00	0.00
121.0	92.29	152.16	0.00	0.00
122.0	92.03	151.42	0.00	0.00
123.0	91.76	150.68	0.00	0.00
124.0	91.50	149.94	0.00	0.00
125.0	3,923.50	1,901.80	0.00	0.00
126.0	74.71	138.62	0.00	0.00
127.0	74.39	137.88	0.00	0.00
128.0	74.08	137.14	0.00	0.00
129.0	73.75	136.40	0.00	0.00
130.0	73.43	135.66	0.00	0.00
131.0	73.10	134.92	0.00	0.00
132.0	486.90	451.57	0.00	0.00
132.1	8.69	16.02	0.00	0.00
133.0	64.47	162.37	0.00	0.00
134.0	2,495.63	1,905.35	0.00	0.00
135.0	72.61	171.79	0.00	0.00
135.8	62.87	148.46	0.00	0.00
136.0	9.38	11.61	0.00	0.00
137.0	71.92	88.90	0.00	0.00
138.0	71.58	88.45	0.00	0.00
139.0	71.23	88.01	0.00	0.00
140.0	1,370.13	758.06	0.00	4,461.79
141.0	70.52	81.56	0.00	0.00
142.0	70.17	81.11	0.00	0.00
143.0	69.81	80.67	0.00	0.00
144.0	69.45	80.23	0.00	0.00
145.0	69.08	79.78	0.00	0.00
146.0	68.71	79.34	0.00	0.00
147.0	68.34	78.89	0.00	0.00
148.0	67.97	78.45	0.00	0.00
149.0	67.59	78.00	0.00	0.00
150.0	395.09	243.56	0.00	295.08
151.0	66.84	76.29	0.00	0.00
152.0	66.45	75.85	0.00	0.00
153.0	66.07	75.41	0.00	0.00
154.0	65.68	74.96	0.00	0.00
155.0	65.29	74.52	0.00	0.00
156.0	64.90	74.07	0.00	0.00



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

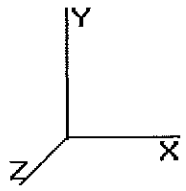
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

157.0		64.50	73.63	0.00	0.00
158.0		64.10	73.18	0.00	0.00
159.0		63.70	72.74	0.00	0.00
160.0		63.30	72.30	0.00	0.00
161.0		62.90	71.85	0.00	0.00
162.0		62.49	71.41	0.00	0.00
163.0		62.08	70.96	0.00	0.00
164.0		61.67	70.52	0.00	0.00
165.0		61.25	70.07	0.00	0.00
166.0		2,687.31	1,261.83	0.00	0.00
167.0		42.82	54.42	0.00	0.00
168.0		42.37	53.98	0.00	0.00
169.0		41.91	53.54	0.00	0.00
170.0		41.46	53.09	0.00	0.00
171.0		41.00	52.65	0.00	0.00
172.0		40.54	52.20	0.00	0.00
173.0		40.08	51.76	0.00	0.00
174.0		1,201.72	1,551.31	0.00	0.00
175.0		39.15	50.87	0.00	0.00
176.0		38.68	50.43	0.00	0.00
177.0		38.22	49.98	0.00	0.00
178.0		37.74	49.54	0.00	0.00
179.0		37.27	49.09	0.00	0.00
180.0		3,770.01	2,299.85	0.00	10,923.07
	Totals:	34,159.26	47,561.43	0.00	15,693.79

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

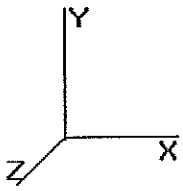
Calculated Shaft Forces and Deflections

Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-34.178	-47.546	0.000	0.000	0.000	-4,243.209	0.000	0.000	0.000	0.000
1.00	-34.117	-47.197	0.000	0.000	0.000	-4,209.031	-0.005	0.000	0.005	-0.048
2.00	-34.055	-46.849	0.000	0.000	0.000	-4,174.916	-0.021	0.000	0.021	-0.096
3.00	-33.993	-46.503	0.000	0.000	0.000	-4,140.861	-0.046	0.000	0.046	-0.144
4.00	-33.931	-46.157	0.000	0.000	0.000	-4,106.869	-0.082	0.000	0.082	-0.193
5.00	-33.869	-45.813	0.000	0.000	0.000	-4,072.938	-0.128	0.000	0.128	-0.242
6.00	-33.807	-45.469	0.000	0.000	0.000	-4,039.070	-0.184	0.000	0.184	-0.290
7.00	-33.745	-45.127	0.000	0.000	0.000	-4,005.263	-0.251	0.000	0.251	-0.340
8.00	-33.683	-44.785	0.000	0.000	0.000	-3,971.519	-0.327	0.000	0.327	-0.389
9.00	-33.621	-44.445	0.000	0.000	0.000	-3,937.836	-0.414	0.000	0.414	-0.439
10.00	-33.559	-44.106	0.000	0.000	0.000	-3,904.216	-0.512	0.000	0.512	-0.489
11.00	-33.497	-43.767	0.000	0.000	0.000	-3,870.658	-0.620	0.000	0.620	-0.539
12.00	-33.434	-43.430	0.000	0.000	0.000	-3,837.162	-0.738	0.000	0.738	-0.589
13.00	-33.372	-43.094	0.000	0.000	0.000	-3,803.728	-0.867	0.000	0.867	-0.639
14.00	-33.310	-42.759	0.000	0.000	0.000	-3,770.356	-1.007	0.000	1.007	-0.690
15.00	-33.247	-42.425	0.000	0.000	0.000	-3,737.047	-1.157	0.000	1.157	-0.741
16.00	-33.185	-42.091	0.000	0.000	0.000	-3,703.801	-1.318	0.000	1.318	-0.792
17.00	-33.122	-41.759	0.000	0.000	0.000	-3,670.617	-1.490	0.000	1.490	-0.844
18.00	-33.060	-41.428	0.000	0.000	0.000	-3,637.496	-1.673	0.000	1.673	-0.896
19.00	-32.997	-41.099	0.000	0.000	0.000	-3,604.437	-1.866	0.000	1.866	-0.947
20.00	-32.934	-40.770	0.000	0.000	0.000	-3,571.441	-2.070	0.000	2.070	-1.000
21.00	-32.871	-40.442	0.000	0.000	0.000	-3,538.507	-2.286	0.000	2.286	-1.052
22.00	-32.808	-40.115	0.000	0.000	0.000	-3,505.637	-2.512	0.000	2.512	-1.105
23.00	-32.746	-39.789	0.000	0.000	0.000	-3,472.829	-2.749	0.000	2.749	-1.157
24.00	-32.683	-39.465	0.000	0.000	0.000	-3,440.084	-2.997	0.000	2.997	-1.211
25.00	-32.619	-39.141	0.000	0.000	0.000	-3,407.402	-3.257	0.000	3.257	-1.264
26.00	-32.556	-38.818	0.000	0.000	0.000	-3,374.784	-3.528	0.000	3.528	-1.317
27.00	-32.493	-38.497	0.000	0.000	0.000	-3,342.228	-3.810	0.000	3.810	-1.371
28.00	-32.430	-38.176	0.000	0.000	0.000	-3,309.735	-4.103	0.000	4.103	-1.425
29.00	-32.367	-37.857	0.000	0.000	0.000	-3,277.306	-4.407	0.000	4.407	-1.480
30.00	-32.275	-37.529	0.000	0.000	0.000	-3,244.926	-4.723	0.000	4.723	-1.534
31.00	-32.212	-37.212	0.000	0.000	0.000	-3,212.652	-5.051	0.000	5.051	-1.589
32.00	-32.149	-36.896	0.000	0.000	0.000	-3,180.440	-5.390	0.000	5.390	-1.644
33.00	-32.085	-36.581	0.000	0.000	0.000	-3,148.292	-5.740	0.000	5.740	-1.699
34.00	-32.021	-36.267	0.000	0.000	0.000	-3,116.208	-6.102	0.000	6.102	-1.755
35.00	-31.955	-35.955	0.000	0.000	0.000	-3,084.188	-6.476	0.000	6.476	-1.810
36.00	-31.889	-35.643	0.000	0.000	0.000	-3,052.234	-6.861	0.000	6.861	-1.866
37.00	-31.823	-35.332	0.000	0.000	0.000	-3,020.345	-7.258	0.000	7.258	-1.922
38.00	-31.755	-35.023	0.000	0.000	0.000	-2,988.523	-7.667	0.000	7.667	-1.979
39.00	-31.687	-34.714	0.000	0.000	0.000	-2,956.768	-8.088	0.000	8.088	-2.036
40.00	-31.618	-34.407	0.000	0.000	0.000	-2,925.082	-8.521	0.000	8.521	-2.092
41.00	-31.548	-34.101	0.000	0.000	0.000	-2,893.465	-8.965	0.000	8.965	-2.150
42.00	-31.477	-33.796	0.000	0.000	0.000	-2,861.917	-9.422	0.000	9.422	-2.207
42.96	-31.394	-33.520	0.000	0.000	0.000	-2,831.808	-9.870	0.000	9.870	-2.262
43.00	-31.406	-33.484	0.000	0.000	0.000	-2,830.445	-9.890	0.000	9.890	-2.265
44.00	-31.326	-33.004	0.000	0.000	0.000	-2,799.039	-10.371	0.000	10.371	-2.323
45.00	-31.245	-32.527	0.000	0.000	0.000	-2,767.713	-10.864	0.000	10.864	-2.381
46.00	-31.163	-32.052	0.000	0.000	0.000	-2,736.469	-11.369	0.000	11.369	-2.439
47.00	-31.080	-31.578	0.000	0.000	0.000	-2,705.306	-11.886	0.000	11.886	-2.498
48.00	-30.996	-31.107	0.000	0.000	0.000	-2,674.227	-12.416	0.000	12.416	-2.557
49.00	-30.896	-30.653	0.000	0.000	0.000	-2,643.232	-12.958	0.000	12.958	-2.616

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

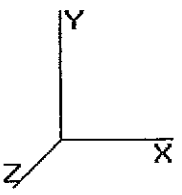
Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

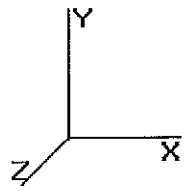
49.04	-30.907	-30.620	0.000	0.000	0.000	-2,641.999	-12.980	0.000	12.980	-2.618
50.00	-30.836	-30.356	0.000	0.000	0.000	-2,612.326	-13.512	0.000	13.512	-2.675
51.00	-30.762	-30.083	0.000	0.000	0.000	-2,581.491	-14.080	0.000	14.080	-2.741
52.00	-30.687	-29.810	0.000	0.000	0.000	-2,550.730	-14.661	0.000	14.661	-2.807
53.00	-30.612	-29.538	0.000	0.000	0.000	-2,520.043	-15.256	0.000	15.256	-2.873
54.00	-30.536	-29.267	0.000	0.000	0.000	-2,489.432	-15.865	0.000	15.865	-2.939
55.00	-30.460	-28.997	0.000	0.000	0.000	-2,458.896	-16.488	0.000	16.488	-3.006
56.00	-30.383	-28.728	0.000	0.000	0.000	-2,428.437	-17.124	0.000	17.124	-3.073
57.00	-30.306	-28.460	0.000	0.000	0.000	-2,398.054	-17.775	0.000	17.775	-3.140
58.00	-30.228	-28.193	0.000	0.000	0.000	-2,367.749	-18.440	0.000	18.440	-3.207
59.00	-30.150	-27.927	0.000	0.000	0.000	-2,337.522	-19.119	0.000	19.119	-3.274
60.00	-30.071	-27.662	0.000	0.000	0.000	-2,307.373	-19.812	0.000	19.812	-3.342
61.00	-29.991	-27.397	0.000	0.000	0.000	-2,277.303	-20.519	0.000	20.519	-3.410
62.00	-29.912	-27.134	0.000	0.000	0.000	-2,247.312	-21.240	0.000	21.240	-3.478
63.00	-29.831	-26.872	0.000	0.000	0.000	-2,217.401	-21.976	0.000	21.976	-3.547
64.00	-29.750	-26.611	0.000	0.000	0.000	-2,187.570	-22.726	0.000	22.726	-3.615
65.00	-29.669	-26.351	0.000	0.000	0.000	-2,157.821	-23.491	0.000	23.491	-3.684
66.00	-29.587	-26.092	0.000	0.000	0.000	-2,128.152	-24.269	0.000	24.269	-3.753
67.00	-29.505	-25.834	0.000	0.000	0.000	-2,098.566	-25.063	0.000	25.063	-3.823
68.00	-29.423	-25.577	0.000	0.000	0.000	-2,069.061	-25.871	0.000	25.871	-3.892
69.00	-29.340	-25.321	0.000	0.000	0.000	-2,039.639	-26.693	0.000	26.693	-3.962
70.00	-29.256	-25.067	0.000	0.000	0.000	-2,010.300	-27.530	0.000	27.530	-4.032
71.00	-29.172	-24.813	0.000	0.000	0.000	-1,981.045	-28.381	0.000	28.381	-4.102
72.00	-29.088	-24.560	0.000	0.000	0.000	-1,951.873	-29.248	0.000	29.248	-4.172
73.00	-29.003	-24.308	0.000	0.000	0.000	-1,922.786	-30.129	0.000	30.129	-4.243
74.00	-28.918	-24.057	0.000	0.000	0.000	-1,893.783	-31.024	0.000	31.024	-4.313
75.00	-28.832	-23.807	0.000	0.000	0.000	-1,864.866	-31.935	0.000	31.935	-4.384
76.00	-28.747	-23.559	0.000	0.000	0.000	-1,836.034	-32.860	0.000	32.860	-4.455
77.00	-28.660	-23.311	0.000	0.000	0.000	-1,807.288	-33.800	0.000	33.800	-4.526
78.00	-28.570	-23.064	0.000	0.000	0.000	-1,778.629	-34.755	0.000	34.755	-4.598
79.00	-28.483	-22.819	0.000	0.000	0.000	-1,750.059	-35.725	0.000	35.725	-4.669
80.00	-28.396	-22.574	0.000	0.000	0.000	-1,721.576	-36.710	0.000	36.710	-4.741
81.00	-28.308	-22.331	0.000	0.000	0.000	-1,693.181	-37.710	0.000	37.710	-4.813
82.00	-28.220	-22.089	0.000	0.000	0.000	-1,664.873	-38.725	0.000	38.725	-4.885
83.00	-28.132	-21.848	0.000	0.000	0.000	-1,636.654	-39.755	0.000	39.755	-4.957
84.00	-28.043	-21.608	0.000	0.000	0.000	-1,608.523	-40.800	0.000	40.800	-5.029
85.00	-27.954	-21.369	0.000	0.000	0.000	-1,580.481	-41.859	0.000	41.859	-5.101
86.00	-27.864	-21.131	0.000	0.000	0.000	-1,552.528	-42.935	0.000	42.935	-5.173
87.00	-27.768	-20.902	0.000	0.000	0.000	-1,524.665	-44.025	0.000	44.025	-5.246
87.54	-27.719	-20.776	0.000	0.000	0.000	-1,509.673	-44.620	0.000	44.620	-5.285
88.00	-27.679	-20.605	0.000	0.000	0.000	-1,496.920	-45.130	0.000	45.130	-5.319
89.00	-27.576	-20.255	0.000	0.000	0.000	-1,469.242	-46.250	0.000	46.250	-5.391
90.00	-27.472	-19.907	0.000	0.000	0.000	-1,441.667	-47.386	0.000	47.386	-5.464
91.00	-27.369	-19.561	0.000	0.000	0.000	-1,414.195	-48.537	0.000	48.537	-5.537
92.00	-27.258	-19.226	0.000	0.000	0.000	-1,386.827	-49.703	0.000	49.703	-5.609
92.46	-27.211	-19.068	0.000	0.000	0.000	-1,374.382	-50.240	0.000	50.240	-5.643
93.00	-27.168	-18.943	0.000	0.000	0.000	-1,359.595	-50.884	0.000	50.884	-5.682
94.00	-27.079	-18.730	0.000	0.000	0.000	-1,332.428	-52.081	0.000	52.081	-5.764
95.00	-26.668	-18.360	0.000	0.000	0.000	-1,305.349	-53.296	0.000	53.296	-5.846
96.00	-26.578	-18.150	0.000	0.000	0.000	-1,278.682	-54.527	0.000	54.527	-5.928
97.00	-26.488	-17.941	0.000	0.000	0.000	-1,252.105	-55.776	0.000	55.776	-6.010
98.00	-26.397	-17.733	0.000	0.000	0.000	-1,225.618	-57.041	0.000	57.041	-6.092
99.00	-26.306	-17.526	0.000	0.000	0.000	-1,199.221	-58.324	0.000	58.324	-6.173
100.0	-26.215	-17.320	0.000	0.000	0.000	-1,172.916	-59.624	0.000	59.624	-6.255
101.0	-26.124	-17.115	0.000	0.000	0.000	-1,146.701	-60.940	0.000	60.940	-6.336
102.0	-26.032	-16.911	0.000	0.000	0.000	-1,120.578	-62.274	0.000	62.274	-6.417
103.0	-25.940	-16.709	0.000	0.000	0.000	-1,094.547	-63.624	0.000	63.624	-6.498



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

104.0	-25.847	-16.507	0.000	0.000	0.000	-1,068.608	-64.991	0.000	64.991	-6.579
105.0	-25.271	-16.284	0.000	0.000	0.000	-1,042.762	-66.375	0.000	66.375	-6.660
106.0	-25.179	-16.090	0.000	0.000	0.000	-1,017.491	-67.776	0.000	67.776	-6.740
107.0	-25.086	-15.898	0.000	0.000	0.000	-992.313	-69.193	0.000	69.193	-6.820
108.0	-24.993	-15.706	0.000	0.000	0.000	-967.228	-70.627	0.000	70.627	-6.900
109.0	-24.899	-15.516	0.000	0.000	0.000	-942.236	-72.078	0.000	72.078	-6.979
110.0	-24.806	-15.327	0.000	0.000	0.000	-917.337	-73.545	0.000	73.545	-7.058
111.0	-24.712	-15.139	0.000	0.000	0.000	-892.531	-75.028	0.000	75.028	-7.137
112.0	-24.618	-14.952	0.000	0.000	0.000	-867.820	-76.528	0.000	76.528	-7.215
113.0	-24.523	-14.766	0.000	0.000	0.000	-843.203	-78.044	0.000	78.044	-7.293
114.0	-24.424	-14.590	0.000	0.000	0.000	-818.680	-79.576	0.000	79.576	-7.370
114.5	-22.031	-13.122	0.000	0.000	0.000	-806.468	-80.348	0.000	80.348	-7.408
115.0	-21.987	-13.029	0.000	0.000	0.000	-795.453	-81.124	0.000	81.124	-7.447
116.0	-21.891	-12.857	0.000	0.000	0.000	-773.466	-82.687	0.000	82.687	-7.523
117.0	-21.795	-12.687	0.000	0.000	0.000	-751.575	-84.267	0.000	84.267	-7.599
118.0	-21.699	-12.518	0.000	0.000	0.000	-729.781	-85.863	0.000	85.863	-7.675
119.0	-21.602	-12.350	0.000	0.000	0.000	-708.082	-87.474	0.000	87.474	-7.750
120.0	-21.506	-12.183	0.000	0.000	0.000	-686.480	-89.100	0.000	89.100	-7.824
121.0	-21.409	-12.017	0.000	0.000	0.000	-664.975	-90.742	0.000	90.742	-7.898
122.0	-21.312	-11.853	0.000	0.000	0.000	-643.566	-92.399	0.000	92.399	-7.972
123.0	-21.215	-11.690	0.000	0.000	0.000	-622.254	-94.072	0.000	94.072	-8.044
124.0	-21.118	-11.528	0.000	0.000	0.000	-601.040	-95.759	0.000	95.759	-8.116
125.0	-16.977	-10.181	0.000	0.000	0.000	-579.922	-97.461	0.000	97.461	-8.187
126.0	-16.895	-10.034	0.000	0.000	0.000	-562.946	-99.178	0.000	99.178	-8.258
127.0	-16.814	-9.887	0.000	0.000	0.000	-546.051	-100.909	0.000	100.909	-8.328
128.0	-16.733	-9.742	0.000	0.000	0.000	-529.237	-102.655	0.000	102.655	-8.398
129.0	-16.651	-9.598	0.000	0.000	0.000	-512.505	-104.416	0.000	104.416	-8.468
130.0	-16.570	-9.455	0.000	0.000	0.000	-495.854	-106.190	0.000	106.190	-8.537
131.0	-16.489	-9.313	0.000	0.000	0.000	-479.284	-107.979	0.000	107.979	-8.605
132.0	-15.945	-8.929	0.000	0.000	0.000	-462.795	-109.783	0.000	109.783	-8.673
132.1	-15.940	-8.905	0.000	0.000	0.000	-460.885	-109.999	0.000	109.999	-8.681
133.0	-15.861	-8.737	0.000	0.000	0.000	-446.855	-111.600	0.000	111.600	-8.741
134.0	-13.112	-7.219	0.000	0.000	0.000	-430.995	-113.431	0.000	113.431	-8.807
135.0	-13.022	-7.047	0.000	0.000	0.000	-417.883	-115.275	0.000	115.275	-8.874
135.8	-12.941	-6.902	0.000	0.000	0.000	-406.557	-116.891	0.000	116.891	-8.931
136.0	-12.936	-6.879	0.000	0.000	0.000	-404.872	-117.134	0.000	117.134	-8.940
137.0	-12.864	-6.780	0.000	0.000	0.000	-391.935	-119.010	0.000	119.010	-9.043
138.0	-12.791	-6.681	0.000	0.000	0.000	-379.072	-120.907	0.000	120.907	-9.145
139.0	-12.718	-6.583	0.000	0.000	0.000	-366.281	-122.826	0.000	122.826	-9.247
140.0	-11.254	-6.037	0.000	0.000	0.000	-349.102	-124.765	0.000	124.765	-9.348
141.0	-11.182	-5.949	0.000	0.000	0.000	-337.848	-126.725	0.000	126.725	-9.447
142.0	-11.109	-5.861	0.000	0.000	0.000	-326.666	-128.705	0.000	128.705	-9.545
143.0	-11.037	-5.774	0.000	0.000	0.000	-315.557	-130.706	0.000	130.706	-9.643
144.0	-10.964	-5.688	0.000	0.000	0.000	-304.521	-132.727	0.000	132.727	-9.740
145.0	-10.892	-5.603	0.000	0.000	0.000	-293.557	-134.768	0.000	134.768	-9.837
146.0	-10.820	-5.519	0.000	0.000	0.000	-282.665	-136.829	0.000	136.829	-9.933
147.0	-10.748	-5.435	0.000	0.000	0.000	-271.845	-138.909	0.000	138.909	-10.028
148.0	-10.676	-5.353	0.000	0.000	0.000	-261.097	-141.009	0.000	141.009	-10.122
149.0	-10.604	-5.271	0.000	0.000	0.000	-250.421	-143.128	0.000	143.128	-10.215
150.0	-10.180	-5.085	0.000	0.000	0.000	-239.522	-145.266	0.000	145.266	-10.306
151.0	-10.109	-5.006	0.000	0.000	0.000	-229.342	-147.423	0.000	147.423	-10.397
152.0	-10.037	-4.928	0.000	0.000	0.000	-219.233	-149.599	0.000	149.599	-10.486
153.0	-9.966	-4.851	0.000	0.000	0.000	-209.196	-151.792	0.000	151.792	-10.574
154.0	-9.895	-4.775	0.000	0.000	0.000	-199.230	-154.004	0.000	154.004	-10.661
155.0	-9.824	-4.699	0.000	0.000	0.000	-189.335	-156.234	0.000	156.234	-10.746
156.0	-9.753	-4.624	0.000	0.000	0.000	-179.512	-158.480	0.000	158.480	-10.830
157.0	-9.682	-4.551	0.000	0.000	0.000	-169.759	-160.744	0.000	160.744	-10.911



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

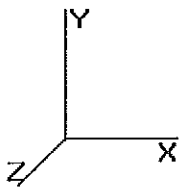
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

158.0	-9.612	-4.478	0.000	0.000	0.000	-160.077	-163.024	0.000	163.024	-10.991
159.0	-9.541	-4.406	0.000	0.000	0.000	-150.465	-165.321	0.000	165.321	-11.068
160.0	-9.471	-4.335	0.000	0.000	0.000	-140.925	-167.633	0.000	167.633	-11.144
161.0	-9.400	-4.265	0.000	0.000	0.000	-131.454	-169.961	0.000	169.961	-11.216
162.0	-9.330	-4.196	0.000	0.000	0.000	-122.054	-172.303	0.000	172.303	-11.287
163.0	-9.260	-4.128	0.000	0.000	0.000	-112.724	-174.659	0.000	174.659	-11.354
164.0	-9.190	-4.061	0.000	0.000	0.000	-103.464	-177.029	0.000	177.029	-11.418
165.0	-9.120	-3.995	0.000	0.000	0.000	-94.274	-179.411	0.000	179.411	-11.479
166.0	-6.239	-3.289	0.000	0.000	0.000	-85.154	-181.806	0.000	181.806	-11.536
167.0	-6.189	-3.238	0.000	0.000	0.000	-78.915	-184.212	0.000	184.212	-11.590
168.0	-6.139	-3.188	0.000	0.000	0.000	-72.727	-186.629	0.000	186.629	-11.642
169.0	-6.090	-3.139	0.000	0.000	0.000	-66.588	-189.056	0.000	189.056	-11.692
170.0	-6.041	-3.091	0.000	0.000	0.000	-60.498	-191.493	0.000	191.493	-11.739
171.0	-5.993	-3.043	0.000	0.000	0.000	-54.457	-193.940	0.000	193.940	-11.783
172.0	-5.944	-2.996	0.000	0.000	0.000	-48.464	-196.395	0.000	196.395	-11.824
173.0	-5.896	-2.950	0.000	0.000	0.000	-42.520	-198.858	0.000	198.858	-11.862
174.0	-4.402	-1.677	0.000	0.000	0.000	-36.624	-201.329	0.000	201.329	-11.896
175.0	-4.354	-1.633	0.000	0.000	0.000	-32.222	-203.806	0.000	203.806	-11.928
176.0	-4.306	-1.590	0.000	0.000	0.000	-27.868	-206.290	0.000	206.290	-11.956
177.0	-4.259	-1.547	0.000	0.000	0.000	-23.562	-208.779	0.000	208.779	-11.981
178.0	-4.213	-1.505	0.000	0.000	0.000	-19.302	-211.272	0.000	211.272	-12.003
179.0	-4.167	-1.464	0.000	0.000	0.000	-15.090	-213.770	0.000	213.770	-12.021
180.0	-3.770	0.000	0.000	0.000	0.000	-10.923	-216.271	0.000	216.271	-12.036

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



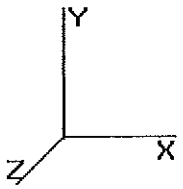
Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

Calculated Stresses

Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)		Stress Ratio
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.65	0.95	0.00	0.00	0.00	54.30	54.98	52.0	0.0	1.058
1.00	0.65	0.95	0.00	0.00	0.00	54.32	54.99	52.0	0.0	1.058
2.00	0.65	0.95	0.00	0.00	0.00	54.33	55.01	52.0	0.0	1.058
3.00	0.65	0.96	0.00	0.00	0.00	54.35	55.03	52.0	0.0	1.059
4.00	0.65	0.96	0.00	0.00	0.00	54.37	55.04	52.0	0.0	1.059
5.00	0.64	0.96	0.00	0.00	0.00	54.39	55.05	52.0	0.0	1.059
6.00	0.64	0.96	0.00	0.00	0.00	54.40	55.07	52.0	0.0	1.059
7.00	0.64	0.96	0.00	0.00	0.00	54.41	55.08	52.0	0.0	1.060
8.00	0.64	0.97	0.00	0.00	0.00	54.43	55.09	52.0	0.0	1.060
9.00	0.64	0.97	0.00	0.00	0.00	54.44	55.10	52.0	0.0	1.060
10.00	0.63	0.97	0.00	0.00	0.00	54.45	55.11	52.0	0.0	1.060
11.00	0.63	0.97	0.00	0.00	0.00	54.46	55.12	52.0	0.0	1.060
12.00	0.63	0.98	0.00	0.00	0.00	54.47	55.12	52.0	0.0	1.061
13.00	0.63	0.98	0.00	0.00	0.00	54.48	55.13	52.0	0.0	1.061
14.00	0.63	0.98	0.00	0.00	0.00	54.48	55.13	52.0	0.0	1.061
15.00	0.62	0.98	0.00	0.00	0.00	54.49	55.14	52.0	0.0	1.061
16.00	0.62	0.99	0.00	0.00	0.00	54.49	55.14	52.0	0.0	1.061
17.00	0.62	0.99	0.00	0.00	0.00	54.50	55.14	52.0	0.0	1.061
18.00	0.62	0.99	0.00	0.00	0.00	54.50	55.14	52.0	0.0	1.061
19.00	0.61	0.99	0.00	0.00	0.00	54.50	55.14	52.0	0.0	1.061
20.00	0.61	1.00	0.00	0.00	0.00	54.50	55.14	52.0	0.0	1.061
21.00	0.61	1.00	0.00	0.00	0.00	54.49	55.13	52.0	0.0	1.061
22.00	0.61	1.00	0.00	0.00	0.00	54.49	55.13	52.0	0.0	1.061
23.00	0.61	1.01	0.00	0.00	0.00	54.49	55.12	52.0	0.0	1.060
24.00	0.60	1.01	0.00	0.00	0.00	54.48	55.11	52.0	0.0	1.060
25.00	0.60	1.01	0.00	0.00	0.00	54.47	55.10	52.0	0.0	1.060
26.00	0.60	1.01	0.00	0.00	0.00	54.46	55.09	52.0	0.0	1.060
27.00	0.60	1.02	0.00	0.00	0.00	54.45	55.07	52.0	0.0	1.060
28.00	0.60	1.02	0.00	0.00	0.00	54.44	55.06	52.0	0.0	1.059
29.00	0.59	1.02	0.00	0.00	0.00	54.42	55.04	52.0	0.0	1.059
30.00	0.59	1.02	0.00	0.00	0.00	54.40	55.02	52.0	0.0	1.059
31.00	0.59	1.03	0.00	0.00	0.00	54.39	55.00	52.0	0.0	1.058
32.00	0.59	1.03	0.00	0.00	0.00	54.37	54.98	52.0	0.0	1.058
33.00	0.58	1.03	0.00	0.00	0.00	54.34	54.96	52.0	0.0	1.057
34.00	0.58	1.04	0.00	0.00	0.00	54.32	54.93	52.0	0.0	1.057
35.00	0.58	1.04	0.00	0.00	0.00	54.30	54.91	52.0	0.0	1.056
36.00	0.58	1.04	0.00	0.00	0.00	54.27	54.88	52.0	0.0	1.056
37.00	0.58	1.05	0.00	0.00	0.00	54.24	54.84	52.0	0.0	1.055
38.00	0.57	1.05	0.00	0.00	0.00	54.21	54.81	52.0	0.0	1.055
39.00	0.57	1.05	0.00	0.00	0.00	54.17	54.77	52.0	0.0	1.054
40.00	0.57	1.05	0.00	0.00	0.00	54.14	54.74	52.0	0.0	1.053
41.00	0.57	1.06	0.00	0.00	0.00	54.10	54.70	52.0	0.0	1.052
42.00	0.56	1.06	0.00	0.00	0.00	54.06	54.65	52.0	0.0	1.051
42.96	0.56	1.06	0.00	0.00	0.00	54.02	54.61	52.0	0.0	1.051
43.00	0.56	1.06	0.00	0.00	0.00	54.01	54.61	52.0	0.0	1.051
44.00	0.56	1.07	0.00	0.00	0.00	53.97	54.56	52.0	0.0	1.050
45.00	0.55	1.07	0.00	0.00	0.00	53.92	54.50	52.0	0.0	1.049
46.00	0.55	1.07	0.00	0.00	0.00	53.87	54.45	52.0	0.0	1.048
47.00	0.54	1.07	0.00	0.00	0.00	53.82	54.39	52.0	0.0	1.046
48.00	0.54	1.08	0.00	0.00	0.00	53.76	54.33	52.0	0.0	1.045
49.00	0.53	1.08	0.00	0.00	0.00	53.71	54.27	52.0	0.0	1.044

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:42 PM
Location :	Winchester CT 3, CT		Page: 31
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

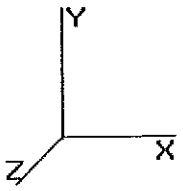
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.04	0.61	1.24	0.00	0.00	0.00	60.17	60.82	52.0	0.0	1.170
50.00	0.61	1.24	0.00	0.00	0.00	60.10	60.74	52.0	0.0	1.169
51.00	0.60	1.24	0.00	0.00	0.00	60.01	60.65	52.0	0.0	1.167
52.00	0.60	1.25	0.00	0.00	0.00	59.93	60.56	52.0	0.0	1.165
53.00	0.60	1.25	0.00	0.00	0.00	59.84	60.47	52.0	0.0	1.163
54.00	0.60	1.25	0.00	0.00	0.00	59.74	60.38	52.0	0.0	1.162
55.00	0.59	1.26	0.00	0.00	0.00	59.64	60.28	52.0	0.0	1.160
56.00	0.59	1.26	0.00	0.00	0.00	59.54	60.17	52.0	0.0	1.158
57.00	0.59	1.26	0.00	0.00	0.00	59.44	60.07	52.0	0.0	1.156
58.00	0.59	1.27	0.00	0.00	0.00	59.33	59.96	52.0	0.0	1.154
59.00	0.58	1.27	0.00	0.00	0.00	59.22	59.84	52.0	0.0	1.151
60.00	0.58	1.27	0.00	0.00	0.00	59.10	59.72	52.0	0.0	1.149
61.00	0.58	1.28	0.00	0.00	0.00	58.98	59.60	52.0	0.0	1.147
62.00	0.58	1.28	0.00	0.00	0.00	58.85	59.47	52.0	0.0	1.144
63.00	0.57	1.29	0.00	0.00	0.00	58.72	59.34	52.0	0.0	1.142
64.00	0.57	1.29	0.00	0.00	0.00	58.59	59.20	52.0	0.0	1.139
65.00	0.57	1.29	0.00	0.00	0.00	58.45	59.06	52.0	0.0	1.136
66.00	0.57	1.30	0.00	0.00	0.00	58.31	58.92	52.0	0.0	1.134
67.00	0.56	1.30	0.00	0.00	0.00	58.16	58.76	52.0	0.0	1.131
68.00	0.56	1.30	0.00	0.00	0.00	58.00	58.61	52.0	0.0	1.128
69.00	0.56	1.31	0.00	0.00	0.00	57.84	58.45	52.0	0.0	1.125
70.00	0.56	1.31	0.00	0.00	0.00	57.68	58.28	52.0	0.0	1.121
71.00	0.56	1.32	0.00	0.00	0.00	57.51	58.11	52.0	0.0	1.118
72.00	0.55	1.32	0.00	0.00	0.00	57.33	57.93	52.0	0.0	1.115
73.00	0.55	1.32	0.00	0.00	0.00	57.15	57.75	52.0	0.0	1.111
74.00	0.55	1.33	0.00	0.00	0.00	56.97	57.56	52.0	0.0	1.107
75.00	0.55	1.33	0.00	0.00	0.00	56.77	57.37	52.0	0.0	1.104
76.00	0.54	1.34	0.00	0.00	0.00	56.57	57.16	52.0	0.0	1.100
77.00	0.54	1.34	0.00	0.00	0.00	56.37	56.96	52.0	0.0	1.096
78.00	0.54	1.34	0.00	0.00	0.00	56.16	56.74	52.0	0.0	1.092
79.00	0.54	1.35	0.00	0.00	0.00	55.94	56.52	52.0	0.0	1.087
80.00	0.53	1.35	0.00	0.00	0.00	55.71	56.29	52.0	0.0	1.083
81.00	0.53	1.36	0.00	0.00	0.00	55.48	56.06	52.0	0.0	1.079
82.00	0.53	1.36	0.00	0.00	0.00	55.24	55.82	52.0	0.0	1.074
83.00	0.53	1.36	0.00	0.00	0.00	54.99	55.57	52.0	0.0	1.069
84.00	0.52	1.37	0.00	0.00	0.00	54.74	55.31	52.0	0.0	1.064
85.00	0.52	1.37	0.00	0.00	0.00	54.47	55.04	52.0	0.0	1.059
86.00	0.52	1.38	0.00	0.00	0.00	54.20	54.77	52.0	0.0	1.054
87.00	0.52	1.38	0.00	0.00	0.00	53.92	54.49	52.0	0.0	1.048
87.54	0.51	1.38	0.00	0.00	0.00	53.77	54.33	52.0	0.0	1.045
88.00	0.51	1.39	0.00	0.00	0.00	53.63	54.20	52.0	0.0	1.043
89.00	0.51	1.39	0.00	0.00	0.00	53.33	53.89	52.0	0.0	1.037
90.00	0.50	1.39	0.00	0.00	0.00	53.03	53.58	52.0	0.0	1.031
91.00	0.50	1.40	0.00	0.00	0.00	52.71	53.26	52.0	0.0	1.025
92.00	0.49	1.40	0.00	0.00	0.00	52.39	52.93	52.0	0.0	1.018
92.46	0.57	1.65	0.00	0.00	0.00	60.01	60.65	52.0	0.0	1.167
93.00	0.57	1.65	0.00	0.00	0.00	59.79	60.43	52.0	0.0	1.163
94.00	0.57	1.66	0.00	0.00	0.00	59.38	60.02	52.0	0.0	1.155
95.00	0.56	1.64	0.00	0.00	0.00	58.95	59.58	52.0	0.0	1.146
96.00	0.56	1.65	0.00	0.00	0.00	58.53	59.16	52.0	0.0	1.138
97.00	0.56	1.65	0.00	0.00	0.00	58.09	58.72	52.0	0.0	1.130
98.00	0.55	1.66	0.00	0.00	0.00	57.64	58.27	52.0	0.0	1.121
99.00	0.55	1.67	0.00	0.00	0.00	57.18	57.80	52.0	0.0	1.112
100.00	0.55	1.67	0.00	0.00	0.00	56.70	57.32	52.0	0.0	1.103
101.00	0.55	1.68	0.00	0.00	0.00	56.21	56.83	52.0	0.0	1.093
102.00	0.54	1.68	0.00	0.00	0.00	55.70	56.32	52.0	0.0	1.084
103.00	0.54	1.69	0.00	0.00	0.00	55.18	55.80	52.0	0.0	1.074

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

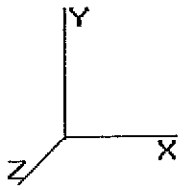
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

104.00	0.54	1.69	0.00	0.00	0.00	54.64	55.26	52.0	0.0	1.063
105.00	0.53	1.67	0.00	0.00	0.00	54.09	54.70	52.0	0.0	1.052
106.00	0.53	1.67	0.00	0.00	0.00	53.54	54.15	52.0	0.0	1.042
107.00	0.53	1.68	0.00	0.00	0.00	52.98	53.59	52.0	0.0	1.031
108.00	0.53	1.69	0.00	0.00	0.00	52.40	53.01	52.0	0.0	1.020
109.00	0.52	1.69	0.00	0.00	0.00	51.80	52.41	52.0	0.0	1.008
110.00	0.52	1.70	0.00	0.00	0.00	51.19	51.79	52.0	0.0	0.996
111.00	0.52	1.70	0.00	0.00	0.00	50.55	51.15	52.0	0.0	0.984
112.00	0.52	1.71	0.00	0.00	0.00	49.89	50.50	52.0	0.0	0.972
113.00	0.51	1.72	0.00	0.00	0.00	49.22	49.82	52.0	0.0	0.959
114.00	0.51	1.72	0.00	0.00	0.00	48.52	49.12	52.0	0.0	0.945
114.50	0.46	1.56	0.00	0.00	0.00	48.17	48.70	52.0	0.0	0.937
115.00	0.46	1.56	0.00	0.00	0.00	47.88	48.41	52.0	0.0	0.931
116.00	0.46	1.57	0.00	0.00	0.00	47.28	47.82	52.0	0.0	0.920
117.00	0.45	1.57	0.00	0.00	0.00	46.67	47.20	52.0	0.0	0.908
118.00	0.45	1.58	0.00	0.00	0.00	46.03	46.56	52.0	0.0	0.896
119.00	0.45	1.58	0.00	0.00	0.00	45.38	45.91	52.0	0.0	0.883
120.00	0.45	1.59	0.00	0.00	0.00	44.70	45.23	52.0	0.0	0.870
121.00	0.44	1.60	0.00	0.00	0.00	44.01	44.54	52.0	0.0	0.857
122.00	0.44	1.60	0.00	0.00	0.00	43.29	43.82	52.0	0.0	0.843
123.00	0.44	1.61	0.00	0.00	0.00	42.55	43.08	52.0	0.0	0.829
124.00	0.44	1.61	0.00	0.00	0.00	41.78	42.31	52.0	0.0	0.814
125.00	0.39	1.31	0.00	0.00	0.00	40.99	41.44	52.0	0.0	0.797
126.00	0.39	1.31	0.00	0.00	0.00	40.46	40.91	52.0	0.0	0.787
127.00	0.38	1.32	0.00	0.00	0.00	39.92	40.37	52.0	0.0	0.777
128.00	0.38	1.32	0.00	0.00	0.00	39.36	39.81	52.0	0.0	0.766
129.00	0.38	1.33	0.00	0.00	0.00	38.78	39.22	52.0	0.0	0.755
130.00	0.38	1.33	0.00	0.00	0.00	38.17	38.62	52.0	0.0	0.743
131.00	0.37	1.34	0.00	0.00	0.00	37.55	38.00	52.0	0.0	0.731
132.00	0.36	1.30	0.00	0.00	0.00	36.91	37.34	52.0	0.0	0.718
132.12	0.36	1.30	0.00	0.00	0.00	36.83	37.26	52.0	0.0	0.717
133.00	0.36	1.31	0.00	0.00	0.00	36.28	36.71	52.0	0.0	0.706
134.00	0.30	1.09	0.00	0.00	0.00	35.63	35.97	52.0	0.0	0.692
135.00	0.29	1.09	0.00	0.00	0.00	35.18	35.52	52.0	0.0	0.683
135.87	0.47	1.79	0.00	0.00	0.00	55.32	55.88	52.0	0.0	1.075
136.00	0.47	1.79	0.00	0.00	0.00	55.22	55.78	52.0	0.0	1.073
137.00	0.47	1.80	0.00	0.00	0.00	54.43	54.99	52.0	0.0	1.058
138.00	0.47	1.80	0.00	0.00	0.00	53.61	54.17	52.0	0.0	1.042
139.00	0.46	1.81	0.00	0.00	0.00	52.77	53.32	52.0	0.0	1.026
140.00	0.43	1.62	0.00	0.00	0.00	51.24	51.74	52.0	0.0	0.995
141.00	0.43	1.62	0.00	0.00	0.00	50.52	51.03	52.0	0.0	0.982
142.00	0.43	1.63	0.00	0.00	0.00	49.79	50.29	52.0	0.0	0.968
143.00	0.42	1.63	0.00	0.00	0.00	49.02	49.53	52.0	0.0	0.953
144.00	0.42	1.63	0.00	0.00	0.00	48.23	48.73	52.0	0.0	0.938
145.00	0.42	1.64	0.00	0.00	0.00	47.41	47.91	52.0	0.0	0.922
146.00	0.42	1.65	0.00	0.00	0.00	46.56	47.06	52.0	0.0	0.905
147.00	0.41	1.65	0.00	0.00	0.00	45.67	46.18	52.0	0.0	0.888
148.00	0.41	1.66	0.00	0.00	0.00	44.76	45.26	52.0	0.0	0.871
149.00	0.41	1.66	0.00	0.00	0.00	43.81	44.31	52.0	0.0	0.853
150.00	0.40	1.61	0.00	0.00	0.00	42.77	43.26	52.0	0.0	0.832
151.00	0.40	1.62	0.00	0.00	0.00	41.81	42.30	52.0	0.0	0.814
152.00	0.40	1.62	0.00	0.00	0.00	40.81	41.30	52.0	0.0	0.795
153.00	0.39	1.63	0.00	0.00	0.00	39.77	40.27	52.0	0.0	0.775
154.00	0.39	1.63	0.00	0.00	0.00	38.70	39.19	52.0	0.0	0.754
155.00	0.39	1.64	0.00	0.00	0.00	37.58	38.07	52.0	0.0	0.733
156.00	0.39	1.64	0.00	0.00	0.00	36.42	36.91	52.0	0.0	0.710
157.00	0.39	1.65	0.00	0.00	0.00	35.21	35.71	52.0	0.0	0.687

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: No Ice — 80.00 mph Wind with No Ice — 38 Iterations

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

158.00	0.38	1.66	0.00	0.00	0.00	33.95	34.45	52.0	0.0	0.663
159.00	0.38	1.66	0.00	0.00	0.00	32.64	33.15	52.0	0.0	0.638
160.00	0.38	1.67	0.00	0.00	0.00	31.27	31.79	52.0	0.0	0.612
161.00	0.38	1.68	0.00	0.00	0.00	29.85	30.37	52.0	0.0	0.584
162.00	0.38	1.68	0.00	0.00	0.00	28.38	28.90	52.0	0.0	0.556
163.00	0.37	1.69	0.00	0.00	0.00	26.83	27.36	52.0	0.0	0.526
164.00	0.37	1.70	0.00	0.00	0.00	25.23	25.77	52.0	0.0	0.496
165.00	0.37	1.71	0.00	0.00	0.00	23.55	24.10	52.0	0.0	0.464
166.00	0.31	1.18	0.00	0.00	0.00	21.80	22.20	52.0	0.0	0.427
167.00	0.31	1.19	0.00	0.00	0.00	20.71	21.12	52.0	0.0	0.406
168.00	0.31	1.19	0.00	0.00	0.00	19.57	19.98	52.0	0.0	0.384
169.00	0.31	1.20	0.00	0.00	0.00	18.38	18.80	52.0	0.0	0.362
170.00	0.31	1.20	0.00	0.00	0.00	17.14	17.57	52.0	0.0	0.338
171.00	0.30	1.21	0.00	0.00	0.00	15.83	16.27	52.0	0.0	0.313
172.00	0.30	1.22	0.00	0.00	0.00	14.47	14.92	52.0	0.0	0.287
173.00	0.30	1.22	0.00	0.00	0.00	13.04	13.51	52.0	0.0	0.260
174.00	0.17	0.92	0.00	0.00	0.00	11.54	11.82	52.0	0.0	0.227
175.00	0.17	0.93	0.00	0.00	0.00	10.44	10.73	52.0	0.0	0.206
176.00	0.17	0.93	0.00	0.00	0.00	9.28	9.59	52.0	0.0	0.184
177.00	0.17	0.93	0.00	0.00	0.00	8.07	8.40	52.0	0.0	0.162
178.00	0.17	0.94	0.00	0.00	0.00	6.81	7.16	52.0	0.0	0.138
179.00	0.16	0.94	0.00	0.00	0.00	5.48	5.87	52.0	0.0	0.113
180.00	0.00	0.86	0.00	0.00	0.00	4.09	4.35	52.0	0.0	0.084

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
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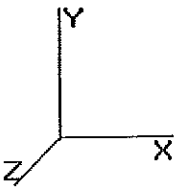
Base Elev : 0.000 (ft)



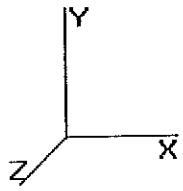
Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

Shaft Segment Forces

Seg Top Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		0.00	1.00 12.287	20.76	304.54	0.650	0.500	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00 12.287	20.76	303.27	0.650	0.500	1.00	4.470	2.91	60.3	32.7	279.4
2.00		0.00	1.00 12.287	20.76	302.00	0.650	0.500	1.00	4.452	2.89	60.1	32.6	278.2
3.00		0.00	1.00 12.287	20.76	300.74	0.650	0.500	1.00	4.433	2.88	59.8	32.5	277.0
4.00		0.00	1.00 12.287	20.76	299.47	0.650	0.500	1.00	4.415	2.87	59.6	32.3	275.9
5.00		0.00	1.00 12.287	20.76	298.20	0.650	0.500	1.00	4.397	2.86	59.3	32.2	274.7
6.00		0.00	1.00 12.287	20.76	296.94	0.650	0.500	1.00	4.379	2.85	59.1	32.1	273.5
7.00		0.00	1.00 12.287	20.76	295.67	0.650	0.500	1.00	4.360	2.83	58.9	31.9	272.4
8.00		0.00	1.00 12.287	20.76	294.40	0.650	0.500	1.00	4.342	2.82	58.6	31.8	271.2
9.00		0.00	1.00 12.287	20.76	293.14	0.650	0.500	1.00	4.324	2.81	58.4	31.6	270.0
10.00		0.00	1.00 12.287	20.76	291.87	0.650	0.500	1.00	4.305	2.80	58.1	31.5	268.8
11.00		0.00	1.00 12.287	20.76	290.60	0.650	0.500	1.00	4.287	2.79	57.9	31.4	267.7
12.00		0.00	1.00 12.287	20.76	289.34	0.650	0.500	1.00	4.269	2.77	57.6	31.2	266.5
13.00		0.00	1.00 12.287	20.76	288.07	0.650	0.500	1.00	4.251	2.76	57.4	31.1	265.3
14.00		0.00	1.00 12.287	20.76	286.80	0.650	0.500	1.00	4.232	2.75	57.1	31.0	264.1
15.00		0.00	1.00 12.287	20.76	285.53	0.650	0.500	1.00	4.214	2.74	56.9	30.8	263.0
16.00		0.00	1.00 12.287	20.76	284.27	0.650	0.500	1.00	4.196	2.73	56.6	30.7	261.8
17.00		0.00	1.00 12.287	20.76	283.00	0.650	0.500	1.00	4.177	2.72	56.4	30.6	260.6
18.00		0.00	1.00 12.287	20.76	281.73	0.650	0.500	1.00	4.159	2.70	56.1	30.4	259.5
19.00		0.00	1.00 12.287	20.76	280.47	0.650	0.500	1.00	4.141	2.69	55.9	30.3	258.3
20.00		0.00	1.00 12.287	20.76	279.20	0.650	0.500	1.00	4.123	2.68	55.6	30.2	257.1
21.00		0.00	1.00 12.287	20.76	277.93	0.650	0.500	1.00	4.104	2.67	55.4	30.0	255.9
22.00		0.00	1.00 12.287	20.76	276.67	0.650	0.500	1.00	4.086	2.66	55.2	29.9	254.8
23.00		0.00	1.00 12.287	20.76	275.40	0.650	0.500	1.00	4.068	2.64	54.9	29.7	253.6
24.00		0.00	1.00 12.287	20.76	274.13	0.650	0.500	1.00	4.049	2.63	54.7	29.6	252.4
25.00		0.00	1.00 12.287	20.76	272.87	0.650	0.500	1.00	4.031	2.62	54.4	29.5	251.3
26.00		0.00	1.00 12.287	20.76	271.60	0.650	0.500	1.00	4.013	2.61	54.2	29.3	250.1
27.00		0.00	1.00 12.287	20.76	270.33	0.650	0.500	1.00	3.995	2.60	53.9	29.2	248.9
28.00		0.00	1.00 12.287	20.76	269.06	0.650	0.500	1.00	3.976	2.58	53.7	29.1	247.7
29.00		0.00	1.00 12.287	20.76	267.80	0.650	0.500	1.00	3.958	2.57	53.4	28.9	246.6
30.00	Appertunance(s)	0.00	1.00 12.287	20.76	266.53	0.650	0.500	1.00	3.940	2.56	53.2	28.8	245.4
31.00		0.00	1.00 12.287	20.76	265.26	0.650	0.500	1.00	3.921	2.55	52.9	28.7	244.2
32.00		0.00	1.00 12.287	20.76	264.00	0.650	0.500	1.00	3.903	2.54	52.7	28.5	243.0
33.00		0.00	1.00 12.287	20.76	262.73	0.650	0.500	1.00	3.885	2.53	52.4	28.4	241.9
34.00		0.00	1.00 12.393	20.94	262.58	0.650	0.500	1.00	3.867	2.51	52.6	28.3	240.7
35.00		0.00	1.01 12.496	21.11	262.39	0.650	0.500	1.00	3.848	2.50	52.8	28.1	239.5
36.00		0.00	1.02 12.597	21.28	262.17	0.650	0.500	1.00	3.830	2.49	53.0	28.0	238.4
37.00		0.00	1.03 12.696	21.45	261.91	0.650	0.500	1.00	3.812	2.48	53.2	27.9	237.2
38.00		0.00	1.04 12.793	21.62	261.62	0.650	0.500	1.00	3.793	2.47	53.3	27.7	236.0
39.00		0.00	1.04 12.888	21.78	261.29	0.650	0.500	1.00	3.775	2.45	53.4	27.6	234.8
40.00		0.00	1.05 12.982	21.93	260.94	0.650	0.500	1.00	3.757	2.44	53.6	27.4	233.7
41.00		0.00	1.06 13.073	22.09	260.55	0.650	0.500	1.00	3.739	2.43	53.7	27.3	232.5
42.00		0.00	1.07 13.164	22.24	260.14	0.650	0.500	1.00	3.720	2.42	53.8	27.2	231.3
42.96	Bot - Section 2	0.00	1.07 13.249	22.39	259.72	0.650	0.500	0.96	3.542	2.30	51.5	25.9	220.2
43.00		0.00	1.07 13.253	22.39	259.70	0.650	0.500	0.04	0.163	0.11	2.4	1.2	17.7
44.00		0.00	1.08 13.340	22.54	259.23	0.650	0.500	1.00	3.746	2.44	54.9	27.4	405.9
45.00		0.00	1.09 13.426	22.69	258.74	0.650	0.500	1.00	3.728	2.42	55.0	27.2	403.9
46.00		0.00	1.10 13.510	22.83	258.23	0.650	0.500	1.00	3.710	2.41	55.1	27.1	401.8
47.00		0.00	1.10 13.594	22.97	257.69	0.650	0.500	1.00	3.691	2.40	55.1	27.0	399.8
48.00		0.00	1.11 13.676	23.11	257.13	0.650	0.500	1.00	3.673	2.39	55.2	26.8	397.7
49.00		0.00	1.12 13.756	23.24	256.55	0.650	0.500	1.00	3.655	2.38	55.2	26.7	395.6

Pole :	302506			Code: TIA/EIA-222 Rev F							9/14/2012 4:06:43 PM	
Location :	Winchester CT 3, CT										Page: 35	
Height :	180.0 (ft)											
Base Dia :	52.75 (in)											
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	18 Sides											
Taper :	0.219444 (in/ft)											



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

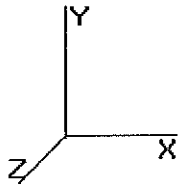
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.04	Top - Section 1	0.00	1.12	13.760	23.25	256.52	0.650	0.500	0.04	0.145	0.09	2.2	1.1	15.7
50.00		0.00	1.12	13.836	23.38	260.54	0.650	0.500	0.96	3.491	2.27	53.1	25.5	189.8
51.00		0.00	1.13	13.915	23.51	259.93	0.650	0.500	1.00	3.618	2.35	55.3	26.4	196.7
52.00		0.00	1.13	13.992	23.64	259.30	0.650	0.500	1.00	3.600	2.34	55.3	26.3	195.7
53.00		0.00	1.14	14.068	23.77	258.65	0.650	0.500	1.00	3.582	2.33	55.4	26.1	194.6
54.00		0.00	1.15	14.144	23.90	257.98	0.650	0.500	1.00	3.563	2.32	55.4	26.0	193.6
55.00		0.00	1.15	14.218	24.02	257.30	0.650	0.500	1.00	3.545	2.30	55.4	25.9	192.6
56.00		0.00	1.16	14.291	24.15	256.59	0.650	0.500	1.00	3.527	2.29	55.4	25.7	191.6
57.00		0.00	1.16	14.364	24.27	255.87	0.650	0.500	1.00	3.508	2.28	55.4	25.6	190.5
58.00		0.00	1.17	14.435	24.39	255.14	0.650	0.500	1.00	3.490	2.27	55.3	25.5	189.5
59.00		0.00	1.18	14.506	24.51	254.38	0.650	0.500	1.00	3.472	2.26	55.3	25.3	188.5
60.00		0.00	1.18	14.576	24.63	253.61	0.650	0.500	1.00	3.454	2.24	55.3	25.2	187.5
61.00		0.00	1.19	14.645	24.75	252.83	0.650	0.500	1.00	3.435	2.23	55.3	25.1	186.5
62.00		0.00	1.19	14.713	24.86	252.03	0.650	0.500	1.00	3.417	2.22	55.2	24.9	185.4
63.00		0.00	1.20	14.781	24.97	251.22	0.650	0.500	1.00	3.399	2.21	55.2	24.8	184.4
64.00		0.00	1.20	14.847	25.09	250.39	0.650	0.500	1.00	3.380	2.20	55.1	24.7	183.4
65.00		0.00	1.21	14.913	25.20	249.55	0.650	0.500	1.00	3.362	2.19	55.1	24.5	182.4
66.00		0.00	1.21	14.978	25.31	248.70	0.650	0.500	1.00	3.344	2.17	55.0	24.4	181.3
67.00		0.00	1.22	15.043	25.42	247.83	0.650	0.500	1.00	3.326	2.16	55.0	24.3	180.3
68.00		0.00	1.22	15.107	25.53	246.95	0.650	0.500	1.00	3.307	2.15	54.9	24.1	179.3
69.00		0.00	1.23	15.170	25.63	246.06	0.650	0.500	1.00	3.289	2.14	54.8	24.0	178.3
70.00		0.00	1.24	15.232	25.74	245.16	0.650	0.500	1.00	3.271	2.13	54.7	23.8	177.2
71.00		0.00	1.24	15.294	25.84	244.24	0.650	0.500	1.00	3.252	2.11	54.6	23.7	176.2
72.00		0.00	1.25	15.355	25.95	243.31	0.650	0.500	1.00	3.234	2.10	54.6	23.6	175.2
73.00		0.00	1.25	15.416	26.05	242.37	0.650	0.500	1.00	3.216	2.09	54.5	23.4	174.2
74.00		0.00	1.26	15.476	26.15	241.42	0.650	0.500	1.00	3.198	2.08	54.4	23.3	173.1
75.00		0.00	1.26	15.536	26.25	240.46	0.650	0.500	1.00	3.179	2.07	54.3	23.2	172.1
76.00		0.00	1.26	15.594	26.35	239.49	0.650	0.500	1.00	3.161	2.05	54.1	23.0	171.1
77.00		0.00	1.27	15.653	26.45	238.51	0.650	0.500	1.00	3.143	2.04	54.0	22.9	170.1
78.00	Appertunance(s)	0.00	1.27	15.711	26.55	237.51	0.650	0.500	1.00	3.124	2.03	53.9	22.8	169.0
79.00		0.00	1.28	15.768	26.64	236.51	0.650	0.500	1.00	3.106	2.02	53.8	22.6	168.0
80.00		0.00	1.28	15.825	26.74	235.50	0.650	0.500	1.00	3.088	2.01	53.7	22.5	167.0
81.00		0.00	1.29	15.881	26.83	234.48	0.650	0.500	1.00	3.070	2.00	53.5	22.4	166.0
82.00		0.00	1.29	15.937	26.93	233.45	0.650	0.500	1.00	3.051	1.98	53.4	22.2	164.9
83.00		0.00	1.30	15.992	27.02	232.41	0.650	0.500	1.00	3.033	1.97	53.3	22.1	163.9
84.00		0.00	1.30	16.047	27.11	231.36	0.650	0.500	1.00	3.015	1.96	53.1	21.9	162.9
85.00		0.00	1.31	16.101	27.21	230.30	0.650	0.500	1.00	2.996	1.95	53.0	21.8	161.9
86.00		0.00	1.31	16.155	27.30	229.23	0.650	0.500	1.00	2.978	1.94	52.9	21.7	160.8
87.00		0.00	1.31	16.209	27.39	228.15	0.650	0.500	1.00	2.960	1.92	52.7	21.5	159.8
87.54	Bot - Section 3	0.00	1.32	16.237	27.44	227.57	0.650	0.500	0.54	1.590	1.03	28.4	11.6	85.9
88.00		0.00	1.32	16.262	27.48	227.07	0.650	0.500	0.46	1.375	0.89	24.6	10.0	126.8
89.00		0.00	1.32	16.314	27.57	225.97	0.650	0.500	1.00	2.975	1.93	53.3	21.7	274.2
90.00		0.00	1.33	16.366	27.65	224.87	0.650	0.500	1.00	2.957	1.92	53.2	21.5	272.5
91.00		0.00	1.33	16.418	27.74	223.76	0.650	0.500	1.00	2.939	1.91	53.0	21.4	270.7
92.00		0.00	1.34	16.469	27.83	222.65	0.650	0.500	1.00	2.920	1.90	52.8	21.3	268.9
92.46	Top - Section 2	0.00	1.34	16.493	27.87	222.13	0.650	0.500	0.46	1.327	0.86	24.0	9.7	122.2
93.00		0.00	1.34	16.520	27.91	225.71	0.650	0.500	0.54	1.575	1.02	28.6	11.5	72.9
94.00		0.00	1.34	16.571	28.00	224.58	0.650	0.500	1.00	2.884	1.87	52.5	21.0	133.4
95.00	Appertunance(s)	0.00	1.35	16.621	28.09	223.45	0.650	0.500	1.00	2.866	1.86	52.3	20.8	132.5
96.00		0.00	1.35	16.671	28.17	222.31	0.650	0.500	1.00	2.847	1.85	52.1	20.7	131.6
97.00		0.00	1.36	16.720	28.25	221.16	0.650	0.500	1.00	2.829	1.84	52.0	20.6	130.7
98.00		0.00	1.36	16.769	28.34	220.00	0.650	0.500	1.00	2.811	1.83	51.8	20.4	129.8
99.00		0.00	1.36	16.818	28.42	218.84	0.650	0.500	1.00	2.792	1.82	51.6	20.3	129.0
100.0		0.00	1.37	16.866	28.50	217.67	0.650	0.500	1.00	2.774	1.80	51.4	20.2	128.1
101.0		0.00	1.37	16.914	28.58	216.49	0.650	0.500	1.00	2.756	1.79	51.2	20.0	127.2
102.0		0.00	1.38	16.962	28.66	215.31	0.650	0.500	1.00	2.738	1.78	51.0	19.9	126.3
103.0		0.00	1.38	17.009	28.74	214.12	0.650	0.500	1.00	2.719	1.77	50.8	19.8	125.5

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

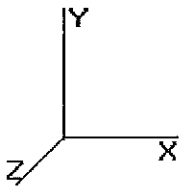
Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

104.0		0.00	1.38	17.056	28.82	212.92	0.650	0.500	1.00	2.701	1.76	50.6	19.6	124.6
105.0	Appertunance(s)	0.00	1.39	17.103	28.90	211.72	0.650	0.500	1.00	2.683	1.74	50.4	19.5	123.7
106.0		0.00	1.39	17.150	28.98	210.51	0.650	0.500	1.00	2.664	1.73	50.2	19.4	122.8
107.0		0.00	1.39	17.196	29.06	209.29	0.650	0.500	1.00	2.646	1.72	50.0	19.2	122.0
108.0		0.00	1.40	17.241	29.13	208.07	0.650	0.500	1.00	2.628	1.71	49.8	19.1	121.1
109.0		0.00	1.40	17.287	29.21	206.84	0.650	0.500	1.00	2.610	1.70	49.6	18.9	120.2
110.0		0.00	1.41	17.332	29.29	205.61	0.650	0.500	1.00	2.591	1.68	49.3	18.8	119.3
111.0		0.00	1.41	17.377	29.36	204.36	0.650	0.500	1.00	2.573	1.67	49.1	18.7	118.5
112.0		0.00	1.41	17.421	29.44	203.12	0.650	0.500	1.00	2.555	1.66	48.9	18.5	117.6
113.0		0.00	1.42	17.466	29.51	201.87	0.650	0.500	1.00	2.536	1.65	48.7	18.4	116.7
114.0		0.00	1.42	17.510	29.59	200.61	0.650	0.500	1.00	2.518	1.64	48.4	18.3	115.8
114.5	Appertunance(s)	0.00	1.42	17.532	29.62	199.98	0.650	0.500	0.50	1.252	0.81	24.1	9.1	57.6
115.0		0.00	1.42	17.554	29.66	199.34	0.650	0.500	0.50	1.248	0.81	24.1	9.1	57.4
116.0		0.00	1.43	17.597	29.73	198.07	0.650	0.500	1.00	2.482	1.61	48.0	18.0	114.1
117.0		0.00	1.43	17.640	29.81	196.80	0.650	0.500	1.00	2.463	1.60	47.7	17.9	113.2
118.0		0.00	1.43	17.683	29.88	195.52	0.650	0.500	1.00	2.445	1.59	47.5	17.7	112.3
119.0		0.00	1.44	17.726	29.95	194.23	0.650	0.500	1.00	2.427	1.58	47.3	17.6	111.4
120.0		0.00	1.44	17.768	30.02	192.94	0.650	0.500	1.00	2.408	1.57	47.0	17.5	110.6
121.0		0.00	1.45	17.811	30.10	191.65	0.650	0.500	1.00	2.390	1.55	46.8	17.3	109.7
122.0		0.00	1.45	17.852	30.17	190.34	0.650	0.500	1.00	2.372	1.54	46.5	17.2	108.8
123.0		0.00	1.45	17.894	30.24	189.04	0.650	0.500	1.00	2.354	1.53	46.3	17.1	107.9
124.0		0.00	1.46	17.936	30.31	187.73	0.650	0.500	1.00	2.335	1.52	46.0	16.9	107.1
125.0	Appertunance(s)	0.00	1.46	17.977	30.38	186.41	0.650	0.500	1.00	2.317	1.51	45.8	16.8	106.2
126.0		0.00	1.46	18.018	30.45	185.09	0.650	0.500	1.00	2.299	1.49	45.5	16.6	105.3
127.0		0.00	1.47	18.058	30.51	183.76	0.650	0.500	1.00	2.280	1.48	45.2	16.5	104.4
128.0		0.00	1.47	18.099	30.58	182.43	0.650	0.500	1.00	2.262	1.47	45.0	16.4	103.6
129.0		0.00	1.47	18.139	30.65	181.09	0.650	0.500	1.00	2.244	1.46	44.7	16.2	102.7
130.0		0.00	1.48	18.179	30.72	179.75	0.650	0.500	1.00	2.226	1.45	44.4	16.1	101.8
131.0		0.00	1.48	18.219	30.79	178.40	0.650	0.500	1.00	2.207	1.43	44.2	16.0	100.9
132.0	Appertunance(s)	0.00	1.48	18.259	30.85	177.05	0.650	0.500	1.00	2.189	1.42	43.9	15.8	100.1
132.1	Bot - Section 4	0.00	1.48	18.264	30.86	176.89	0.650	0.500	0.12	0.261	0.17	5.2	1.9	11.9
133.0		0.00	1.48	18.298	30.92	175.70	0.650	0.500	0.88	1.937	1.26	38.9	14.0	132.4
134.0	Appertunance(s)	0.00	1.49	18.337	30.99	174.34	0.650	0.500	1.00	2.184	1.42	44.0	15.8	149.2
135.0		0.00	1.49	18.376	31.05	172.98	0.650	0.500	1.00	2.165	1.41	43.7	15.7	147.9
135.8	Top - Section 3	0.00	1.49	18.410	31.11	171.79	0.650	0.500	0.87	1.869	1.21	37.8	13.5	127.6
136.0		0.00	1.49	18.415	31.12	174.26	0.650	0.500	0.13	0.279	0.18	5.6	2.0	8.5
137.0		0.00	1.50	18.454	31.18	172.89	0.650	0.500	1.00	2.129	1.38	43.2	15.4	64.7
138.0		0.00	1.50	18.492	31.25	171.51	0.650	0.500	1.00	2.111	1.37	42.9	15.3	64.1
139.0		0.00	1.50	18.530	31.31	170.13	0.650	0.500	1.00	2.092	1.36	42.6	15.1	63.6
140.0	Appertunance(s)	0.00	1.51	18.568	31.38	168.75	0.650	0.500	1.00	2.074	1.35	42.3	15.0	63.0
141.0		0.00	1.51	18.606	31.44	167.36	0.650	0.500	1.00	2.056	1.34	42.0	14.8	62.4
142.0		0.00	1.51	18.644	31.50	165.97	0.650	0.500	1.00	2.037	1.32	41.7	14.7	61.8
143.0		0.00	1.52	18.681	31.57	164.58	0.650	0.500	1.00	2.019	1.31	41.4	14.6	61.2
144.0		0.00	1.52	18.718	31.63	163.18	0.650	0.500	1.00	2.001	1.30	41.1	14.4	60.7
145.0		0.00	1.52	18.755	31.69	161.77	0.650	0.500	1.00	1.983	1.29	40.8	14.3	60.1
146.0		0.00	1.52	18.792	31.75	160.36	0.650	0.500	1.00	1.964	1.28	40.5	14.2	59.5
147.0		0.00	1.53	18.829	31.82	158.95	0.650	0.500	1.00	1.946	1.26	40.2	14.0	58.9
148.0		0.00	1.53	18.866	31.88	157.54	0.650	0.500	1.00	1.928	1.25	39.9	13.9	58.3
149.0		0.00	1.53	18.902	31.94	156.12	0.650	0.500	1.00	1.909	1.24	39.6	13.8	57.8
150.0	Appertunance(s)	0.00	1.54	18.938	32.00	154.69	0.650	0.500	1.00	1.891	1.23	39.3	13.6	57.2
151.0		0.00	1.54	18.974	32.06	153.27	0.650	0.500	1.00	1.873	1.22	39.0	13.5	56.6
152.0		0.00	1.54	19.010	32.12	151.83	0.650	0.500	1.00	1.855	1.21	38.7	13.4	56.0
153.0		0.00	1.55	19.045	32.18	150.40	0.650	0.500	1.00	1.836	1.19	38.4	13.2	55.4
154.0		0.00	1.55	19.081	32.24	148.96	0.650	0.500	1.00	1.818	1.18	38.1	13.1	54.9
155.0		0.00	1.55	19.116	32.30	147.52	0.650	0.500	1.00	1.800	1.17	37.8	13.0	54.3
156.0		0.00	1.55	19.151	32.36	146.07	0.650	0.500	1.00	1.781	1.16	37.5	12.8	53.7
157.0		0.00	1.56	19.186	32.42	144.62	0.650	0.500	1.00	1.763	1.15	37.2	12.7	53.1



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

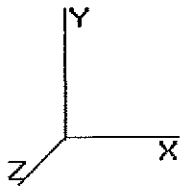
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

158.0		0.00	1.56	19.221	32.48	143.17	0.650	0.500	1.00	1.745	1.13	36.8	12.5	52.5
159.0		0.00	1.56	19.256	32.54	141.71	0.650	0.500	1.00	1.727	1.12	36.5	12.4	52.0
160.0		0.00	1.57	19.290	32.60	140.25	0.650	0.500	1.00	1.708	1.11	36.2	12.3	51.4
161.0		0.00	1.57	19.325	32.65	138.79	0.650	0.500	1.00	1.690	1.10	35.9	12.1	50.8
162.0		0.00	1.57	19.359	32.71	137.32	0.650	0.500	1.00	1.672	1.09	35.5	12.0	50.2
163.0		0.00	1.57	19.393	32.77	135.85	0.650	0.500	1.00	1.653	1.07	35.2	11.9	49.6
164.0		0.00	1.58	19.427	32.83	134.38	0.650	0.500	1.00	1.635	1.06	34.9	11.7	49.1
165.0		0.00	1.58	19.461	32.88	132.90	0.650	0.500	1.00	1.617	1.05	34.6	11.6	48.5
166.0	Appertunance(s)	0.00	1.58	19.494	32.94	131.42	0.650	0.500	1.00	1.598	1.04	34.2	11.5	47.9
167.0		0.00	1.58	19.528	33.00	129.93	0.650	0.500	1.00	1.580	1.03	33.9	11.3	47.3
168.0		0.00	1.59	19.561	33.05	128.44	0.650	0.500	1.00	1.562	1.02	33.6	11.2	46.7
169.0		0.00	1.59	19.594	33.11	126.95	0.650	0.500	1.00	1.544	1.00	33.2	11.1	46.2
170.0		0.00	1.59	19.628	33.17	125.46	0.650	0.500	1.00	1.525	0.99	32.9	10.9	45.6
171.0		0.00	1.60	19.660	33.22	123.96	0.650	0.500	1.00	1.507	0.98	32.5	10.8	45.0
172.0		0.00	1.60	19.693	33.28	122.46	0.650	0.500	1.00	1.489	0.97	32.2	10.6	44.4
173.0		0.00	1.60	19.726	33.33	120.96	0.650	0.500	1.00	1.470	0.96	31.9	10.5	43.8
174.0	Appertunance(s)	0.00	1.60	19.758	33.39	119.45	0.650	0.500	1.00	1.452	0.94	31.5	10.4	43.3
175.0		0.00	1.61	19.791	33.44	117.94	0.650	0.500	1.00	1.434	0.93	31.2	10.2	42.7
176.0		0.00	1.61	19.823	33.50	116.43	0.650	0.500	1.00	1.416	0.92	30.8	10.1	42.1
177.0		0.00	1.61	19.855	33.55	114.91	0.650	0.500	1.00	1.397	0.91	30.5	10.0	41.5
178.0		0.00	1.61	19.887	33.60	113.39	0.650	0.500	1.00	1.379	0.90	30.1	9.8	40.9
179.0		0.00	1.62	19.919	33.66	111.87	0.650	0.500	1.00	1.361	0.88	29.8	9.7	40.4
180.0	Appertunance(s)	0.00	1.62	19.951	33.71	110.34	0.650	0.500	1.00	1.342	0.87	29.4	9.6	39.8
							Totals:		180.00			8,789.9	3,819.5	29,090.6

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

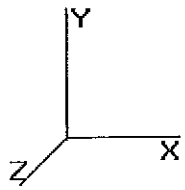
Discrete Appurtenance Segment Forces

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	12.287	20.766	1.00	1.21	0.000	0.500	25.13	0.00	12.56	18.24
78.00	PCTEL GPS-TMG-HR-	1	15.711	26.551	1.00	0.14	0.000	0.000	3.72	0.00	0.00	1.90
95.00	Bird 429-83H-01-T	1	16.621	28.090	0.33	0.43	0.000	0.000	11.96	0.00	0.00	29.20
95.00	Decibel DB586-Y	2	16.621	28.090	1.00	2.46	0.000	0.000	69.10	0.00	0.00	30.00
95.00	Flat Side Arm	1	16.621	28.090	1.00	7.00	0.000	0.000	196.63	0.00	0.00	230.00
105.0	RFS APXV18-206517S-	3	17.103	28.904	0.82	14.39	0.000	0.000	415.96	0.00	0.00	159.39
114.5	Decibel DB844H90E-	12	17.532	29.629	0.73	37.58	0.000	0.000	1,113.46	0.00	0.00	483.60
114.5	Round Low Profile Pl	1	17.532	29.629	1.00	27.20	0.000	0.000	805.90	0.00	0.00	1,700.00
125.0	Antel BXA-171063/12C	1	17.977	30.381	0.80	4.37	0.000	0.000	132.70	0.00	0.00	42.40
125.0	Antel BXA-171085-12C	2	17.977	30.381	0.80	8.72	0.000	0.000	264.92	0.00	0.00	84.80
125.0	Antel BXA-70063/6CF	3	17.977	30.381	0.74	18.96	0.000	0.000	575.98	0.00	0.00	174.00
125.0	Antel LPA-80063/6CF	2	17.977	30.381	0.81	18.11	0.000	0.000	550.24	0.00	0.00	202.00
125.0	Antel LPA-80080/6CF	4	17.977	30.381	0.75	29.79	0.000	0.000	905.04	0.00	0.00	200.00
125.0	RFS FD9R6004/2C-3L	6	17.977	30.381	0.33	0.99	0.000	0.000	30.08	0.00	0.00	32.40
125.0	Round Low Profile Pl	1	17.977	30.381	1.00	27.20	0.000	0.000	826.35	0.00	0.00	1,700.00
132.0	Alcatel-Lucent 1900M	3	18.259	30.857	0.50	6.30	0.000	0.000	194.40	0.00	0.00	225.60
132.0	Alcatel-Lucent 800 M	3	18.259	30.857	0.50	4.89	0.000	0.000	150.89	0.00	0.00	263.40
134.0	Andrew DB980H90E-M	6	18.337	30.990	0.67	17.97	0.000	0.000	556.88	0.00	0.00	176.82
134.0	Flat Low Profile Pla	1	18.337	30.990	1.00	31.60	0.000	0.000	979.29	0.00	0.00	1,700.00
134.0	RFS APXVSPP18-C-	3	18.337	30.990	0.69	18.80	0.000	0.000	582.48	0.00	0.00	319.50
140.0	Bird 432-83H-01-T	2	18.568	31.381	0.33	0.85	0.000	0.000	26.72	0.00	0.00	58.40
140.0	Decibel DB809K-XT	3	18.796	31.765	1.00	14.76	0.000	6.100	468.86	0.00	2,859.97	192.00
140.0	Flat Side Arm	3	18.568	31.381	0.67	14.07	0.000	0.000	441.52	0.00	0.00	690.00
140.0	Sinclair SC432D-HF6L	1	18.812	31.793	1.00	6.52	0.000	6.540	207.29	0.00	1,355.66	86.00
140.0	Telewave ANT150D	1	18.755	31.697	1.00	6.50	0.000	5.000	206.03	0.00	1,030.15	50.00
150.0	Flat Side Arm	1	18.938	32.005	1.00	7.00	0.000	0.000	224.04	0.00	0.00	230.00
150.0	Sinclair SD210C2-SF2	1	19.116	32.307	1.00	4.40	0.000	5.000	142.15	0.00	710.74	39.80
166.0	CCI DTMA-1819-DD-12	6	19.494	32.946	0.33	1.78	0.000	0.000	58.71	0.00	0.00	115.80
166.0	RFS APX16PV-16PVL-	9	19.494	32.946	0.67	44.01	0.000	0.000	1,449.84	0.00	0.00	635.81
166.0	Round T-Arm	3	19.494	32.946	0.67	24.32	0.000	0.000	801.27	0.00	0.00	942.00
174.0	Flat Low Profile Pla	1	19.758	33.392	1.00	31.60	0.000	0.000	1,055.18	0.00	0.00	1,700.00
180.0	10' Omni	1	20.231	34.190	1.00	4.00	0.000	9.000	136.76	0.00	1,230.84	25.00
180.0	Andrew ABT-DMDF-	1	20.076	33.929	1.00	0.11	0.000	4.000	3.73	0.00	14.93	1.80
180.0	Ericsson RRUS 11	6	20.076	33.929	0.67	13.43	0.000	4.000	455.56	0.00	1,822.24	419.40
180.0	Flat Low Profile Pla	1	19.951	33.717	1.00	31.60	0.000	0.000	1,065.45	0.00	0.00	1,700.00
180.0	KMW AM-X-CD-16-65-	3	20.076	33.929	0.66	17.98	0.000	4.000	609.99	0.00	2,439.96	285.00
180.0	Powerwave 7770.00	6	20.076	33.929	0.64	25.33	0.000	4.000	859.51	0.00	3,438.03	406.48
180.0	Powerwave LGP21401	6	20.076	33.929	0.33	3.03	0.000	4.000	102.78	0.00	411.14	127.56
									16,706.48			15,478.30

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

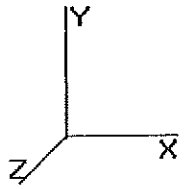
Linear Appurtenance Segment Forces

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
1.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
1.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
2.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
2.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
3.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
3.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
4.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
4.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
5.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
5.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
6.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
6.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
7.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
7.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
8.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
8.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
9.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
9.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
10.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
10.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

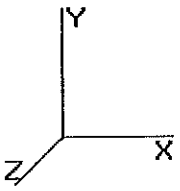
11.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
11.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
12.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
12.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
13.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
13.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
14.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
14.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
15.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
15.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
16.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
16.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
17.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
17.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
18.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
18.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
19.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
19.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
20.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
20.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
21.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
21.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
22.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
22.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00

Pole :	302506		Code: TIA/EIA-222 Rev F				9/14/2012 4:06:43 PM	
Location :	Winchester CT 3, CT						Page: 41	
Height :	180.0 (ft)							
Base Dia :	52.75 (in)							
Top Dia :	15.00 (in)		Base Elev : 0.000 (ft)					
Shape :	18 Sides							
Taper :	0.219444 (in/ft)							

Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

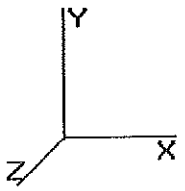
22.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
23.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
23.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
24.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
24.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
25.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
25.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
26.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
26.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
27.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
27.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
28.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
28.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
29.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
29.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
30.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
30.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
31.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
31.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
31.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
32.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
32.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
32.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
33.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
33.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
34.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.393	12.57	42.03
34.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.393	12.57	42.03
34.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.393	0.00	0.00



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

34.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.393	0.00	0.00
35.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.496	12.67	42.03
35.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.496	12.67	42.03
35.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.496	0.00	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.496	0.00	0.00
36.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.597	12.77	42.03
36.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.597	12.77	42.03
36.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.597	0.00	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.597	0.00	0.00
37.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.696	12.87	42.03
37.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.696	12.87	42.03
37.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.696	0.00	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.696	0.00	0.00
38.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.793	12.97	42.03
38.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.793	12.97	42.03
38.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.793	0.00	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.793	0.00	0.00
39.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.888	13.07	42.03
39.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.888	13.07	42.03
39.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.888	0.00	0.00
39.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.888	0.00	0.00
40.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.982	13.16	42.03
40.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.982	13.16	42.03
40.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.982	0.00	0.00
40.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.982	0.00	0.00
41.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.073	13.26	42.03
41.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.073	13.26	42.03
41.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.073	0.00	0.00
41.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.073	0.00	0.00
42.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.164	13.35	42.03
42.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.164	13.35	42.03
42.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.96	(18) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.249	12.85	40.20
42.96	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.249	12.85	40.20
42.96	(12) 1 1/4" Coax	Yes	0.96	0.00	0.00	13.249	0.00	0.00
42.96	(6) 1 5/8" Coax	Yes	0.96	0.00	0.00	13.249	0.00	0.00
43.00	(18) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.253	0.58	1.83
43.00	(12) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.253	0.58	1.83
43.00	(12) 1 1/4" Coax	Yes	0.04	0.00	0.00	13.253	0.00	0.00
43.00	(6) 1 5/8" Coax	Yes	0.04	0.00	0.00	13.253	0.00	0.00
44.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.340	13.53	42.03
44.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.340	13.53	42.03
44.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.340	0.00	0.00
44.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.340	0.00	0.00
45.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.426	13.61	42.03
45.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.426	13.61	42.03
45.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.426	0.00	0.00
45.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.426	0.00	0.00
46.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.510	13.70	42.03
46.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.510	13.70	42.03
46.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.510	0.00	0.00
46.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.510	0.00	0.00
47.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.594	13.78	42.03
47.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.594	13.78	42.03
47.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.594	0.00	0.00
47.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.594	0.00	0.00



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

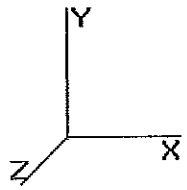
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

48.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.676	13.87	42.03
48.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.676	13.87	42.03
48.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.676	0.00	0.00
48.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.676	0.00	0.00
49.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.756	13.95	42.03
49.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.756	13.95	42.03
49.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.756	0.00	0.00
49.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.756	0.00	0.00
49.04	(18) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.760	0.56	1.68
49.04	(12) 1 5/8" Coax	Yes	0.04	42.03	0.60	13.760	0.56	1.68
49.04	(12) 1 1/4" Coax	Yes	0.04	0.00	0.00	13.760	0.00	0.00
49.04	(6) 1 5/8" Coax	Yes	0.04	0.00	0.00	13.760	0.00	0.00
50.00	(18) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.836	13.47	40.35
50.00	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.836	13.47	40.35
50.00	(12) 1 1/4" Coax	Yes	0.96	0.00	0.00	13.836	0.00	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	0.00	0.00	13.836	0.00	0.00
51.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.915	14.11	42.03
51.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.915	14.11	42.03
51.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.915	0.00	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.915	0.00	0.00
52.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.992	14.19	42.03
52.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	13.992	14.19	42.03
52.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.992	0.00	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.992	0.00	0.00
53.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.068	14.27	42.03
53.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.068	14.27	42.03
53.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.068	0.00	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.068	0.00	0.00
54.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.144	14.34	42.03
54.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.144	14.34	42.03
54.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.144	0.00	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.144	0.00	0.00
55.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.218	14.42	42.03
55.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.218	14.42	42.03
55.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.218	0.00	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.218	0.00	0.00
56.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.291	14.49	42.03
56.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.291	14.49	42.03
56.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.291	0.00	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.291	0.00	0.00
57.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.364	14.57	42.03
57.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.364	14.57	42.03
57.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.364	0.00	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.364	0.00	0.00
58.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.435	14.64	42.03
58.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.435	14.64	42.03
58.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.435	0.00	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.435	0.00	0.00
59.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.506	14.71	42.03
59.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.506	14.71	42.03
59.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.506	0.00	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.506	0.00	0.00
60.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.576	14.78	42.03
60.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.576	14.78	42.03
60.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.576	0.00	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.576	0.00	0.00
61.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.645	14.85	42.03

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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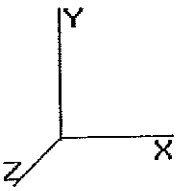
Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

61.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.645	14.85	42.03
61.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.645	0.00	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.645	0.00	0.00
62.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.713	14.92	42.03
62.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.713	14.92	42.03
62.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.713	0.00	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.713	0.00	0.00
63.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.781	14.99	42.03
63.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.781	14.99	42.03
63.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.781	0.00	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.781	0.00	0.00
64.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.847	15.06	42.03
64.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.847	15.06	42.03
64.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.847	0.00	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.847	0.00	0.00
65.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.913	15.12	42.03
65.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.913	15.12	42.03
65.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.913	0.00	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.913	0.00	0.00
66.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.978	15.19	42.03
66.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.978	15.19	42.03
66.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.978	0.00	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.978	0.00	0.00
67.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.043	15.25	42.03
67.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.043	15.25	42.03
67.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.043	0.00	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.043	0.00	0.00
68.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.107	15.32	42.03
68.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.107	15.32	42.03
68.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.107	0.00	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.107	0.00	0.00
69.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.170	15.38	42.03
69.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.170	15.38	42.03
69.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.170	0.00	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.170	0.00	0.00
70.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.232	15.45	42.03
70.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.232	15.45	42.03
70.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.232	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.232	0.00	0.00
71.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.294	15.51	42.03
71.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.294	15.51	42.03
71.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.294	0.00	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.294	0.00	0.00
72.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.355	15.57	42.03
72.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.355	15.57	42.03
72.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.355	0.00	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.355	0.00	0.00
73.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.416	15.63	42.03
73.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.416	15.63	42.03
73.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.416	0.00	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.416	0.00	0.00
74.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.476	15.69	42.03
74.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.476	15.69	42.03
74.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.476	0.00	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.476	0.00	0.00
75.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.536	15.75	42.03
75.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.536	15.75	42.03



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

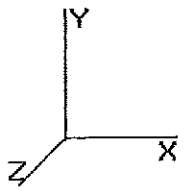
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

75.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.536	0.00	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.536	0.00	0.00
76.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.594	15.81	42.03
76.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.594	15.81	42.03
76.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.594	0.00	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.594	0.00	0.00
77.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.653	15.87	42.03
77.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.653	15.87	42.03
77.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.653	0.00	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.653	0.00	0.00
78.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.711	15.93	42.03
78.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.711	15.93	42.03
78.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.711	0.00	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.711	0.00	0.00
79.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.768	15.99	42.03
79.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.768	15.99	42.03
79.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.768	0.00	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.768	0.00	0.00
80.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.825	16.05	42.03
80.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.825	16.05	42.03
80.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.825	0.00	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.825	0.00	0.00
81.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.881	16.10	42.03
81.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.881	16.10	42.03
81.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.881	0.00	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.881	0.00	0.00
82.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.937	16.16	42.03
82.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.937	16.16	42.03
82.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.937	0.00	0.00
82.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.937	0.00	0.00
83.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.992	16.22	42.03
83.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.992	16.22	42.03
83.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.992	0.00	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.992	0.00	0.00
84.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.047	16.27	42.03
84.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.047	16.27	42.03
84.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.047	0.00	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.047	0.00	0.00
85.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.101	16.33	42.03
85.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.101	16.33	42.03
85.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.101	0.00	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.101	0.00	0.00
86.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.155	16.38	42.03
86.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.155	16.38	42.03
86.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.155	0.00	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.155	0.00	0.00
87.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.209	16.44	42.03
87.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.209	16.44	42.03
87.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.209	0.00	0.00
87.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.209	0.00	0.00
87.54	(18) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.237	8.89	22.69
87.54	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.237	8.89	22.69
87.54	(12) 1 1/4" Coax	Yes	0.54	0.00	0.00	16.237	0.00	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	0.00	0.00	16.237	0.00	0.00
88.00	(18) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.262	7.59	19.34
88.00	(12) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.262	7.59	19.34
88.00	(12) 1 1/4" Coax	Yes	0.46	0.00	0.00	16.262	0.00	0.00

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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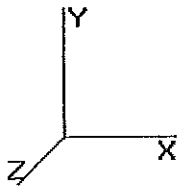
Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

88.00	(6) 1 5/8" Coax	Yes	0.46	0.00	0.00	16.262	0.00	0.00
89.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.314	16.54	42.03
89.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.314	16.54	42.03
89.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.314	0.00	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.314	0.00	0.00
90.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.366	16.60	42.03
90.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.366	16.60	42.03
90.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.366	0.00	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.366	0.00	0.00
91.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.418	16.65	42.03
91.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.418	16.65	42.03
91.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.418	0.00	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.418	0.00	0.00
92.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.469	16.70	42.03
92.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.469	16.70	42.03
92.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.469	0.00	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.469	0.00	0.00
92.46	(18) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.493	7.64	19.19
92.46	(12) 1 5/8" Coax	Yes	0.46	42.03	0.60	16.493	7.64	19.19
92.46	(12) 1 1/4" Coax	Yes	0.46	0.00	0.00	16.493	0.00	0.00
92.46	(6) 1 5/8" Coax	Yes	0.46	0.00	0.00	16.493	0.00	0.00
93.00	(18) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.520	9.10	22.84
93.00	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.520	9.10	22.84
93.00	(12) 1 1/4" Coax	Yes	0.54	0.00	0.00	16.520	0.00	0.00
93.00	(6) 1 5/8" Coax	Yes	0.54	0.00	0.00	16.520	0.00	0.00
94.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.571	16.80	42.03
94.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.571	16.80	42.03
94.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.571	0.00	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.571	0.00	0.00
95.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.621	16.85	42.03
95.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.621	16.85	42.03
95.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.621	0.00	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.621	0.00	0.00
96.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.671	16.90	42.03
96.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.671	16.90	42.03
96.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.671	0.00	0.00
96.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.671	0.00	0.00
97.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.720	16.95	42.03
97.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.720	16.95	42.03
97.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.720	0.00	0.00
97.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.720	0.00	0.00
98.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.769	17.00	42.03
98.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.769	17.00	42.03
98.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.769	0.00	0.00
98.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.769	0.00	0.00
99.00	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.818	17.05	42.03
99.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.818	17.05	42.03
99.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.818	0.00	0.00
99.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.818	0.00	0.00
100.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.866	17.10	42.03
100.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.866	17.10	42.03
100.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.866	0.00	0.00
100.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.866	0.00	0.00
101.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.914	17.15	42.03
101.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.914	17.15	42.03
101.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.914	0.00	0.00
101.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.914	0.00	0.00



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

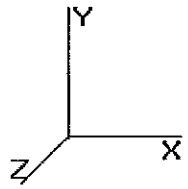
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

102.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.962	17.20	42.03
102.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.962	17.20	42.03
102.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.962	0.00	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.962	0.00	0.00
103.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.009	17.25	42.03
103.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.009	17.25	42.03
103.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.009	0.00	0.00
103.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.009	0.00	0.00
104.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.056	17.30	42.03
104.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.056	17.30	42.03
104.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.056	0.00	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.056	0.00	0.00
105.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.103	17.34	42.03
105.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.103	17.34	42.03
105.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.103	0.00	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.103	0.00	0.00
106.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.150	17.39	42.03
106.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.150	17.39	42.03
106.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.150	0.00	0.00
107.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.196	17.44	42.03
107.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.196	17.44	42.03
107.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.196	0.00	0.00
108.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.241	17.48	42.03
108.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.241	17.48	42.03
108.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.241	0.00	0.00
109.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.287	17.53	42.03
109.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.287	17.53	42.03
109.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.287	0.00	0.00
110.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.332	17.57	42.03
110.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.332	17.57	42.03
110.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.332	0.00	0.00
111.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.377	17.62	42.03
111.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.377	17.62	42.03
111.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.377	0.00	0.00
112.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.421	17.67	42.03
112.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.421	17.67	42.03
112.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.421	0.00	0.00
113.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.466	17.71	42.03
113.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.466	17.71	42.03
113.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.466	0.00	0.00
114.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.510	17.75	42.03
114.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.510	17.75	42.03
114.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.510	0.00	0.00
114.5	(18) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.532	8.89	21.01
114.5	(12) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.532	8.89	21.01
114.5	(12) 1 1/4" Coax	Yes	0.50	0.00	0.00	17.532	0.00	0.00
115.0	(18) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.554	8.90	21.01
115.0	(12) 1 5/8" Coax	Yes	0.50	42.03	0.60	17.554	8.90	21.01
116.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.597	17.84	42.03
116.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.597	17.84	42.03
117.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.640	17.89	42.03
117.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.640	17.89	42.03
118.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.683	17.93	42.03
118.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.683	17.93	42.03
119.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.726	17.97	42.03
119.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.726	17.97	42.03
120.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.769	18.02	42.03

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

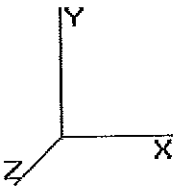
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

120.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.768		18.02	42.03
121.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.811		18.06	42.03
121.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.811		18.06	42.03
122.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.852		18.10	42.03
122.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.852		18.10	42.03
123.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.894		18.14	42.03
123.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.894		18.14	42.03
124.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.936		18.19	42.03
124.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.936		18.19	42.03
125.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.977		18.23	42.03
125.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.977		18.23	42.03
126.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.018		18.27	42.03
127.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.058		18.31	42.03
128.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.099		18.35	42.03
129.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.139		18.39	42.03
130.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.179		18.43	42.03
131.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.219		18.47	42.03
132.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.259		18.51	42.03
132.1	(18) 1 5/8" Coax	Yes	0.12	42.03	0.60	18.264		2.22	5.04
133.0	(18) 1 5/8" Coax	Yes	0.88	42.03	0.60	18.298		16.33	36.99
134.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.337		18.59	42.03
135.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.376		18.63	42.03
135.8	(18) 1 5/8" Coax	Yes	0.87	42.03	0.60	18.410		16.24	36.56
136.0	(18) 1 5/8" Coax	Yes	0.13	42.03	0.60	18.415		2.43	5.47
137.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.454		18.71	42.03
138.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.492		18.75	42.03
139.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.530		18.79	42.03
140.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.568		18.83	42.03
141.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.606		18.87	42.03
142.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.644		18.90	42.03
143.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.681		18.94	42.03
144.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.718		18.98	42.03
145.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.755		19.02	42.03
146.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.792		19.06	42.03
147.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.829		19.09	42.03
148.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.866		19.13	42.03
149.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.902		19.17	42.03
150.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.938		19.20	42.03
151.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.974		19.24	42.03
152.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.010		19.28	42.03
153.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.045		19.31	42.03
154.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.081		19.35	42.03
155.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.116		19.38	42.03
156.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.151		19.42	42.03
157.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.186		19.46	42.03
158.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.221		19.49	42.03
159.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.256		19.53	42.03
160.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.290		19.56	42.03
161.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.325		19.60	42.03
162.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.359		19.63	42.03
163.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.393		19.66	42.03
164.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.427		19.70	42.03
165.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.461		19.73	42.03
166.0	(18) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.494		19.77	42.03
							Totals:	4,513.57	12,230.73

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

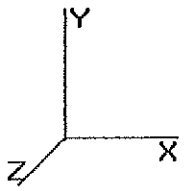
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	85.25	399.60	0.00	0.00
2.00	85.01	398.42	0.00	0.00
3.00	84.76	397.25	0.00	0.00
4.00	84.51	396.08	0.00	0.00
5.00	84.27	394.91	0.00	0.00
6.00	84.02	393.73	0.00	0.00
7.00	83.77	392.56	0.00	0.00
8.00	83.53	391.39	0.00	0.00
9.00	83.28	390.22	0.00	0.00
10.00	83.03	389.05	0.00	0.00
11.00	82.78	387.87	0.00	0.00
12.00	82.54	386.70	0.00	0.00
13.00	82.29	385.53	0.00	0.00
14.00	82.04	384.36	0.00	0.00
15.00	81.80	383.18	0.00	0.00
16.00	81.55	382.01	0.00	0.00
17.00	81.30	380.84	0.00	0.00
18.00	81.06	379.67	0.00	0.00
19.00	80.81	378.49	0.00	0.00
20.00	80.56	377.32	0.00	0.00
21.00	80.32	376.15	0.00	0.00
22.00	80.07	374.98	0.00	0.00
23.00	79.82	373.81	0.00	0.00
24.00	79.58	372.63	0.00	0.00
25.00	79.33	371.46	0.00	0.00
26.00	79.08	370.29	0.00	0.00
27.00	78.84	369.12	0.00	0.00
28.00	78.59	367.94	0.00	0.00
29.00	78.34	366.77	0.00	0.00
30.00	103.22	383.84	0.00	12.56
31.00	77.85	364.43	0.00	0.00
32.00	77.60	363.25	0.00	0.00
33.00	77.35	362.08	0.00	0.00
34.00	77.77	360.91	0.00	0.00
35.00	78.16	359.74	0.00	0.00
36.00	78.54	358.57	0.00	0.00
37.00	78.90	357.39	0.00	0.00
38.00	79.25	356.22	0.00	0.00
39.00	79.58	355.05	0.00	0.00
40.00	79.90	353.88	0.00	0.00
41.00	80.20	352.70	0.00	0.00
42.00	80.49	351.53	0.00	0.00
42.96	77.24	335.17	0.00	0.00
43.00	3.54	22.90	0.00	0.00
44.00	81.95	526.15	0.00	0.00
45.00	82.21	524.08	0.00	0.00
46.00	82.45	522.02	0.00	0.00
47.00	82.69	519.96	0.00	0.00
48.00	82.91	517.90	0.00	0.00

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

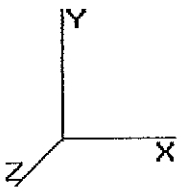
Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

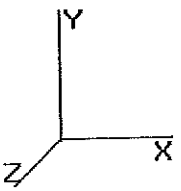
49.00	83.13	515.84	0.00	0.00
49.04	3.31	20.54	0.00	0.00
50.00	80.00	305.23	0.00	0.00
51.00	83.52	316.90	0.00	0.00
52.00	83.71	315.88	0.00	0.00
53.00	83.88	314.86	0.00	0.00
54.00	84.05	313.83	0.00	0.00
55.00	84.20	312.81	0.00	0.00
56.00	84.35	311.78	0.00	0.00
57.00	84.49	310.76	0.00	0.00
58.00	84.62	309.73	0.00	0.00
59.00	84.74	308.71	0.00	0.00
60.00	84.86	307.69	0.00	0.00
61.00	84.97	306.66	0.00	0.00
62.00	85.07	305.64	0.00	0.00
63.00	85.16	304.61	0.00	0.00
64.00	85.24	303.59	0.00	0.00
65.00	85.32	302.57	0.00	0.00
66.00	85.40	301.54	0.00	0.00
67.00	85.46	300.52	0.00	0.00
68.00	85.52	299.49	0.00	0.00
69.00	85.57	298.47	0.00	0.00
70.00	85.62	297.44	0.00	0.00
71.00	85.66	296.42	0.00	0.00
72.00	85.69	295.40	0.00	0.00
73.00	85.72	294.37	0.00	0.00
74.00	85.75	293.35	0.00	0.00
75.00	85.76	292.32	0.00	0.00
76.00	85.77	291.30	0.00	0.00
77.00	85.78	290.28	0.00	0.00
78.00	89.50	291.15	0.00	0.00
79.00	85.78	288.08	0.00	0.00
80.00	85.77	287.06	0.00	0.00
81.00	85.76	286.03	0.00	0.00
82.00	85.74	285.00	0.00	0.00
83.00	85.71	283.98	0.00	0.00
84.00	85.68	282.96	0.00	0.00
85.00	85.65	281.93	0.00	0.00
86.00	85.61	280.91	0.00	0.00
87.00	85.57	279.88	0.00	0.00
87.54	46.15	150.70	0.00	0.00
88.00	39.74	182.02	0.00	0.00
89.00	86.41	394.29	0.00	0.00
90.00	86.35	392.53	0.00	0.00
91.00	86.30	390.76	0.00	0.00
92.00	86.24	389.00	0.00	0.00
92.46	39.32	177.03	0.00	0.00
93.00	46.79	138.10	0.00	0.00
94.00	86.10	253.41	0.00	0.00
95.00	363.71	541.73	0.00	0.00
96.00	85.95	250.85	0.00	0.00
97.00	85.87	249.97	0.00	0.00
98.00	85.79	249.10	0.00	0.00
99.00	85.70	248.22	0.00	0.00
100.0	85.60	247.34	0.00	0.00
101.0	85.51	246.47	0.00	0.00
102.0	85.41	245.59	0.00	0.00



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

103.0	85.31	244.72	0.00	0.00
104.0	85.20	243.84	0.00	0.00
105.0	501.05	402.35	0.00	0.00
106.0	84.97	242.09	0.00	0.00
107.0	84.86	241.21	0.00	0.00
108.0	84.74	240.34	0.00	0.00
109.0	84.61	239.46	0.00	0.00
110.0	84.49	238.58	0.00	0.00
111.0	84.36	237.71	0.00	0.00
112.0	84.22	236.83	0.00	0.00
113.0	84.09	235.96	0.00	0.00
114.0	83.95	235.08	0.00	0.00
114.5	1,961.24	2,300.83	0.00	0.00
115.0	41.86	117.01	0.00	0.00
116.0	83.66	233.33	0.00	0.00
117.0	83.51	232.45	0.00	0.00
118.0	83.36	231.57	0.00	0.00
119.0	83.20	230.70	0.00	0.00
120.0	83.04	229.82	0.00	0.00
121.0	82.88	228.95	0.00	0.00
122.0	82.72	228.07	0.00	0.00
123.0	82.55	227.19	0.00	0.00
124.0	82.38	226.32	0.00	0.00
125.0	3,367.53	2,661.04	0.00	0.00
126.0	63.77	182.54	0.00	0.00
127.0	63.55	181.66	0.00	0.00
128.0	63.33	180.78	0.00	0.00
129.0	63.10	179.91	0.00	0.00
130.0	62.88	179.03	0.00	0.00
131.0	62.65	178.16	0.00	0.00
132.0	407.71	666.28	0.00	0.00
132.1	7.46	21.19	0.00	0.00
133.0	55.27	200.39	0.00	0.00
134.0	2,181.23	2,422.74	0.00	0.00
135.0	62.35	214.72	0.00	0.00
135.8	54.03	185.69	0.00	0.00
136.0	8.07	17.18	0.00	0.00
137.0	61.87	131.55	0.00	0.00
138.0	61.62	130.98	0.00	0.00
139.0	61.38	130.40	0.00	0.00
140.0	1,411.55	1,206.22	0.00	5,245.78
141.0	60.88	123.68	0.00	0.00
142.0	60.63	123.10	0.00	0.00
143.0	60.38	122.52	0.00	0.00
144.0	60.12	121.94	0.00	0.00
145.0	59.86	121.36	0.00	0.00
146.0	59.60	120.78	0.00	0.00
147.0	59.34	120.20	0.00	0.00
148.0	59.08	119.62	0.00	0.00
149.0	58.81	119.04	0.00	0.00
150.0	424.73	388.26	0.00	710.74
151.0	58.27	117.06	0.00	0.00
152.0	58.00	116.48	0.00	0.00
153.0	57.73	115.90	0.00	0.00
154.0	57.45	115.32	0.00	0.00
155.0	57.18	114.74	0.00	0.00
156.0	56.90	114.16	0.00	0.00



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

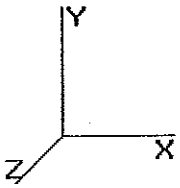
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

157.0		56.61	113.58	0.00	0.00
158.0		56.33	113.00	0.00	0.00
159.0		56.05	112.42	0.00	0.00
160.0		55.76	111.84	0.00	0.00
161.0		55.47	111.26	0.00	0.00
162.0		55.18	110.68	0.00	0.00
163.0		54.89	110.10	0.00	0.00
164.0		54.59	109.52	0.00	0.00
165.0		54.30	108.94	0.00	0.00
166.0		2,363.82	1,801.97	0.00	0.00
167.0		33.90	65.75	0.00	0.00
168.0		33.56	65.17	0.00	0.00
169.0		33.23	64.59	0.00	0.00
170.0		32.89	64.01	0.00	0.00
171.0		32.55	63.43	0.00	0.00
172.0		32.21	62.85	0.00	0.00
173.0		31.86	62.27	0.00	0.00
174.0		1,086.70	1,761.69	0.00	0.00
175.0		31.17	61.11	0.00	0.00
176.0		30.83	60.53	0.00	0.00
177.0		30.48	59.95	0.00	0.00
178.0		30.13	59.37	0.00	0.00
179.0		29.77	58.79	0.00	0.00
180.0		3,263.20	3,023.46	0.00	9,357.14
	Totals:	30,009.99	62,497.99	0.00	15,326.22

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

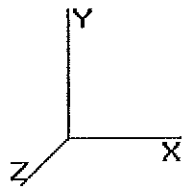
Calculated Shaft Forces and Deflections

Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-30.033	-62.486	0.000	0.000	0.000	-3,839.339	0.000	0.000	0.000	0.000
1.00	-29.994	-62.063	0.000	0.000	0.000	-3,809.307	-0.005	0.000	0.005	-0.043
2.00	-29.956	-61.642	0.000	0.000	0.000	-3,779.314	-0.019	0.000	0.019	-0.087
3.00	-29.917	-61.222	0.000	0.000	0.000	-3,749.359	-0.042	0.000	0.042	-0.131
4.00	-29.878	-60.803	0.000	0.000	0.000	-3,719.442	-0.074	0.000	0.074	-0.175
5.00	-29.839	-60.386	0.000	0.000	0.000	-3,689.565	-0.116	0.000	0.116	-0.219
6.00	-29.800	-59.969	0.000	0.000	0.000	-3,659.726	-0.167	0.000	0.167	-0.263
7.00	-29.761	-59.554	0.000	0.000	0.000	-3,629.927	-0.227	0.000	0.227	-0.308
8.00	-29.722	-59.140	0.000	0.000	0.000	-3,600.167	-0.296	0.000	0.296	-0.352
9.00	-29.682	-58.727	0.000	0.000	0.000	-3,570.446	-0.375	0.000	0.375	-0.397
10.00	-29.642	-58.315	0.000	0.000	0.000	-3,540.765	-0.463	0.000	0.463	-0.443
11.00	-29.602	-57.904	0.000	0.000	0.000	-3,511.123	-0.561	0.000	0.561	-0.488
12.00	-29.562	-57.495	0.000	0.000	0.000	-3,481.522	-0.669	0.000	0.669	-0.534
13.00	-29.522	-57.086	0.000	0.000	0.000	-3,451.961	-0.785	0.000	0.785	-0.579
14.00	-29.482	-56.679	0.000	0.000	0.000	-3,422.439	-0.912	0.000	0.912	-0.626
15.00	-29.441	-56.273	0.000	0.000	0.000	-3,392.959	-1.048	0.000	1.048	-0.672
16.00	-29.400	-55.868	0.000	0.000	0.000	-3,363.518	-1.194	0.000	1.194	-0.718
17.00	-29.359	-55.464	0.000	0.000	0.000	-3,334.119	-1.350	0.000	1.350	-0.765
18.00	-29.318	-55.062	0.000	0.000	0.000	-3,304.760	-1.515	0.000	1.515	-0.812
19.00	-29.277	-54.660	0.000	0.000	0.000	-3,275.443	-1.691	0.000	1.691	-0.859
20.00	-29.236	-54.260	0.000	0.000	0.000	-3,246.166	-1.876	0.000	1.876	-0.907
21.00	-29.194	-53.861	0.000	0.000	0.000	-3,216.931	-2.071	0.000	2.071	-0.954
22.00	-29.153	-53.463	0.000	0.000	0.000	-3,187.738	-2.276	0.000	2.276	-1.002
23.00	-29.111	-53.066	0.000	0.000	0.000	-3,158.586	-2.492	0.000	2.492	-1.050
24.00	-29.069	-52.671	0.000	0.000	0.000	-3,129.476	-2.717	0.000	2.717	-1.098
25.00	-29.026	-52.276	0.000	0.000	0.000	-3,100.409	-2.953	0.000	2.953	-1.147
26.00	-28.984	-51.883	0.000	0.000	0.000	-3,071.383	-3.198	0.000	3.198	-1.196
27.00	-28.942	-51.491	0.000	0.000	0.000	-3,042.400	-3.454	0.000	3.454	-1.245
28.00	-28.899	-51.100	0.000	0.000	0.000	-3,013.459	-3.720	0.000	3.720	-1.294
29.00	-28.856	-50.710	0.000	0.000	0.000	-2,984.561	-3.997	0.000	3.997	-1.343
30.00	-28.787	-50.304	0.000	0.000	0.000	-2,955.694	-4.284	0.000	4.284	-1.393
31.00	-28.744	-49.916	0.000	0.000	0.000	-2,926.907	-4.581	0.000	4.581	-1.443
32.00	-28.700	-49.530	0.000	0.000	0.000	-2,898.164	-4.889	0.000	4.889	-1.493
33.00	-28.657	-49.145	0.000	0.000	0.000	-2,869.465	-5.207	0.000	5.207	-1.543
34.00	-28.612	-48.761	0.000	0.000	0.000	-2,840.809	-5.536	0.000	5.536	-1.594
35.00	-28.567	-48.378	0.000	0.000	0.000	-2,812.197	-5.875	0.000	5.875	-1.645
36.00	-28.521	-47.997	0.000	0.000	0.000	-2,783.631	-6.225	0.000	6.225	-1.696
37.00	-28.474	-47.616	0.000	0.000	0.000	-2,755.111	-6.586	0.000	6.586	-1.747
38.00	-28.426	-47.237	0.000	0.000	0.000	-2,726.638	-6.958	0.000	6.958	-1.798
39.00	-28.378	-46.859	0.000	0.000	0.000	-2,698.212	-7.340	0.000	7.340	-1.850
40.00	-28.329	-46.482	0.000	0.000	0.000	-2,669.835	-7.733	0.000	7.733	-1.902
41.00	-28.279	-46.107	0.000	0.000	0.000	-2,641.507	-8.138	0.000	8.138	-1.954
42.00	-28.227	-45.733	0.000	0.000	0.000	-2,613.229	-8.553	0.000	8.553	-2.007
42.96	-28.159	-45.388	0.000	0.000	0.000	-2,586.228	-8.960	0.000	8.960	-2.057
43.00	-28.177	-45.352	0.000	0.000	0.000	-2,585.005	-8.979	0.000	8.979	-2.059
44.00	-28.117	-44.803	0.000	0.000	0.000	-2,556.830	-9.416	0.000	9.416	-2.112
45.00	-28.056	-44.256	0.000	0.000	0.000	-2,528.713	-9.864	0.000	9.864	-2.165
46.00	-27.995	-43.711	0.000	0.000	0.000	-2,500.658	-10.323	0.000	10.323	-2.219
47.00	-27.932	-43.169	0.000	0.000	0.000	-2,472.664	-10.794	0.000	10.794	-2.272
48.00	-27.869	-42.629	0.000	0.000	0.000	-2,444.732	-11.276	0.000	11.276	-2.326
49.00	-27.785	-42.103	0.000	0.000	0.000	-2,416.864	-11.769	0.000	11.769	-2.380

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

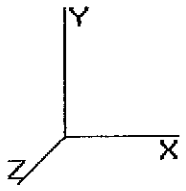
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.04	-27.801	-42.069	0.000	0.000	0.000	-2,415.756	-11.789	0.000	11.789	-2.382
50.00	-27.749	-41.741	0.000	0.000	0.000	-2,389.064	-12.273	0.000	12.273	-2.435
51.00	-27.696	-41.398	0.000	0.000	0.000	-2,361.316	-12.790	0.000	12.790	-2.495
52.00	-27.641	-41.057	0.000	0.000	0.000	-2,333.621	-13.319	0.000	13.319	-2.555
53.00	-27.587	-40.718	0.000	0.000	0.000	-2,305.981	-13.861	0.000	13.861	-2.615
54.00	-27.531	-40.379	0.000	0.000	0.000	-2,278.395	-14.415	0.000	14.415	-2.676
55.00	-27.475	-40.041	0.000	0.000	0.000	-2,250.865	-14.982	0.000	14.982	-2.737
56.00	-27.418	-39.704	0.000	0.000	0.000	-2,223.391	-15.562	0.000	15.562	-2.798
57.00	-27.361	-39.369	0.000	0.000	0.000	-2,195.974	-16.155	0.000	16.155	-2.859
58.00	-27.302	-39.034	0.000	0.000	0.000	-2,168.614	-16.760	0.000	16.760	-2.921
59.00	-27.244	-38.701	0.000	0.000	0.000	-2,141.313	-17.379	0.000	17.379	-2.983
60.00	-27.185	-38.369	0.000	0.000	0.000	-2,114.070	-18.010	0.000	18.010	-3.045
61.00	-27.125	-38.038	0.000	0.000	0.000	-2,086.886	-18.654	0.000	18.654	-3.107
62.00	-27.064	-37.707	0.000	0.000	0.000	-2,059.762	-19.312	0.000	19.312	-3.170
63.00	-27.003	-37.379	0.000	0.000	0.000	-2,032.699	-19.982	0.000	19.982	-3.232
64.00	-26.942	-37.051	0.000	0.000	0.000	-2,005.697	-20.666	0.000	20.666	-3.295
65.00	-26.879	-36.724	0.000	0.000	0.000	-1,978.756	-21.363	0.000	21.363	-3.359
66.00	-26.817	-36.398	0.000	0.000	0.000	-1,951.878	-22.073	0.000	22.073	-3.422
67.00	-26.753	-36.074	0.000	0.000	0.000	-1,925.062	-22.797	0.000	22.797	-3.485
68.00	-26.689	-35.750	0.000	0.000	0.000	-1,898.310	-23.533	0.000	23.533	-3.549
69.00	-26.625	-35.428	0.000	0.000	0.000	-1,871.621	-24.283	0.000	24.283	-3.613
70.00	-26.560	-35.107	0.000	0.000	0.000	-1,844.997	-25.047	0.000	25.047	-3.677
71.00	-26.495	-34.787	0.000	0.000	0.000	-1,818.438	-25.824	0.000	25.824	-3.742
72.00	-26.428	-34.468	0.000	0.000	0.000	-1,791.944	-26.614	0.000	26.614	-3.806
73.00	-26.362	-34.150	0.000	0.000	0.000	-1,765.516	-27.418	0.000	27.418	-3.871
74.00	-26.295	-33.834	0.000	0.000	0.000	-1,739.155	-28.235	0.000	28.235	-3.936
75.00	-26.227	-33.518	0.000	0.000	0.000	-1,712.861	-29.066	0.000	29.066	-4.001
76.00	-26.159	-33.204	0.000	0.000	0.000	-1,686.635	-29.911	0.000	29.911	-4.066
77.00	-26.090	-32.891	0.000	0.000	0.000	-1,660.477	-30.769	0.000	30.769	-4.132
78.00	-26.017	-32.577	0.000	0.000	0.000	-1,634.388	-31.641	0.000	31.641	-4.197
79.00	-25.947	-32.266	0.000	0.000	0.000	-1,608.371	-32.526	0.000	32.526	-4.263
80.00	-25.877	-31.957	0.000	0.000	0.000	-1,582.425	-33.426	0.000	33.426	-4.329
81.00	-25.806	-31.648	0.000	0.000	0.000	-1,556.548	-34.339	0.000	34.339	-4.395
82.00	-25.735	-31.341	0.000	0.000	0.000	-1,530.743	-35.266	0.000	35.266	-4.461
83.00	-25.663	-31.035	0.000	0.000	0.000	-1,505.008	-36.207	0.000	36.207	-4.527
84.00	-25.591	-30.730	0.000	0.000	0.000	-1,479.346	-37.161	0.000	37.161	-4.593
85.00	-25.518	-30.426	0.000	0.000	0.000	-1,453.755	-38.130	0.000	38.130	-4.660
86.00	-25.445	-30.124	0.000	0.000	0.000	-1,428.238	-39.112	0.000	39.112	-4.726
87.00	-25.363	-29.829	0.000	0.000	0.000	-1,402.794	-40.108	0.000	40.108	-4.793
87.54	-25.322	-29.668	0.000	0.000	0.000	-1,389.100	-40.652	0.000	40.652	-4.829
88.00	-25.292	-29.469	0.000	0.000	0.000	-1,377.450	-41.118	0.000	41.118	-4.860
89.00	-25.206	-29.054	0.000	0.000	0.000	-1,352.159	-42.142	0.000	42.142	-4.927
90.00	-25.120	-28.641	0.000	0.000	0.000	-1,326.953	-43.181	0.000	43.181	-4.994
91.00	-25.033	-28.230	0.000	0.000	0.000	-1,301.834	-44.233	0.000	44.233	-5.061
92.00	-24.936	-27.829	0.000	0.000	0.000	-1,276.802	-45.299	0.000	45.299	-5.127
92.46	-24.897	-27.641	0.000	0.000	0.000	-1,265.418	-45.790	0.000	45.790	-5.158
93.00	-24.865	-27.484	0.000	0.000	0.000	-1,251.888	-46.379	0.000	46.379	-5.195
94.00	-24.792	-27.207	0.000	0.000	0.000	-1,227.024	-47.474	0.000	47.474	-5.270
95.00	-24.415	-26.669	0.000	0.000	0.000	-1,202.233	-48.584	0.000	48.584	-5.346
96.00	-24.341	-26.395	0.000	0.000	0.000	-1,177.818	-49.711	0.000	49.711	-5.421
97.00	-24.266	-26.122	0.000	0.000	0.000	-1,153.478	-50.853	0.000	50.853	-5.497
98.00	-24.190	-25.851	0.000	0.000	0.000	-1,129.214	-52.011	0.000	52.011	-5.572
99.00	-24.114	-25.581	0.000	0.000	0.000	-1,105.024	-53.184	0.000	53.184	-5.647
100.0	-24.038	-25.312	0.000	0.000	0.000	-1,080.910	-54.374	0.000	54.374	-5.722
101.0	-23.961	-25.044	0.000	0.000	0.000	-1,056.873	-55.579	0.000	55.579	-5.797
102.0	-23.883	-24.777	0.000	0.000	0.000	-1,032.913	-56.799	0.000	56.799	-5.872
103.0	-23.805	-24.511	0.000	0.000	0.000	-1,009.031	-58.035	0.000	58.035	-5.947

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

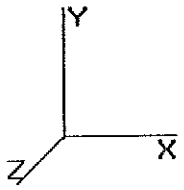
Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

104.0	-23.726	-24.247	0.000	0.000	0.000	-985.226	-59.287	0.000	59.287	-6.021
105.0	-23.217	-23.870	0.000	0.000	0.000	-961.501	-60.554	0.000	60.554	-6.095
106.0	-23.137	-23.608	0.000	0.000	0.000	-938.285	-61.836	0.000	61.836	-6.169
107.0	-23.056	-23.348	0.000	0.000	0.000	-915.149	-63.134	0.000	63.134	-6.243
108.0	-22.975	-23.089	0.000	0.000	0.000	-892.093	-64.448	0.000	64.448	-6.317
109.0	-22.894	-22.831	0.000	0.000	0.000	-869.119	-65.776	0.000	65.776	-6.390
110.0	-22.812	-22.575	0.000	0.000	0.000	-846.226	-67.120	0.000	67.120	-6.463
111.0	-22.729	-22.319	0.000	0.000	0.000	-823.414	-68.479	0.000	68.479	-6.535
112.0	-22.646	-22.065	0.000	0.000	0.000	-800.686	-69.853	0.000	69.853	-6.607
113.0	-22.563	-21.813	0.000	0.000	0.000	-778.040	-71.241	0.000	71.241	-6.679
114.0	-22.472	-21.568	0.000	0.000	0.000	-755.478	-72.645	0.000	72.645	-6.750
114.5	-20.265	-19.502	0.000	0.000	0.000	-744.242	-73.353	0.000	73.353	-6.786
115.0	-20.228	-19.372	0.000	0.000	0.000	-734.110	-74.064	0.000	74.064	-6.822
116.0	-20.140	-19.126	0.000	0.000	0.000	-713.883	-75.497	0.000	75.497	-6.892
117.0	-20.053	-18.880	0.000	0.000	0.000	-693.743	-76.945	0.000	76.945	-6.962
118.0	-19.964	-18.637	0.000	0.000	0.000	-673.691	-78.407	0.000	78.407	-7.032
119.0	-19.875	-18.394	0.000	0.000	0.000	-653.727	-79.884	0.000	79.884	-7.101
120.0	-19.786	-18.153	0.000	0.000	0.000	-633.852	-81.375	0.000	81.375	-7.170
121.0	-19.697	-17.912	0.000	0.000	0.000	-614.067	-82.881	0.000	82.881	-7.238
122.0	-19.606	-17.674	0.000	0.000	0.000	-594.371	-84.400	0.000	84.400	-7.306
123.0	-19.516	-17.436	0.000	0.000	0.000	-574.765	-85.934	0.000	85.934	-7.373
124.0	-19.425	-17.200	0.000	0.000	0.000	-555.250	-87.481	0.000	87.481	-7.439
125.0	-15.757	-14.982	0.000	0.000	0.000	-535.825	-89.043	0.000	89.043	-7.505
126.0	-15.686	-14.791	0.000	0.000	0.000	-520.069	-90.617	0.000	90.617	-7.571
127.0	-15.616	-14.602	0.000	0.000	0.000	-504.383	-92.205	0.000	92.205	-7.635
128.0	-15.545	-14.414	0.000	0.000	0.000	-488.767	-93.807	0.000	93.807	-7.700
129.0	-15.474	-14.227	0.000	0.000	0.000	-473.223	-95.422	0.000	95.422	-7.764
130.0	-15.403	-14.041	0.000	0.000	0.000	-457.748	-97.050	0.000	97.050	-7.828
131.0	-15.332	-13.856	0.000	0.000	0.000	-442.345	-98.692	0.000	98.692	-7.891
132.0	-14.845	-13.243	0.000	0.000	0.000	-427.014	-100.346	0.000	100.346	-7.954
132.1	-14.842	-13.215	0.000	0.000	0.000	-425.235	-100.545	0.000	100.545	-7.961
133.0	-14.772	-13.010	0.000	0.000	0.000	-412.172	-102.014	0.000	102.014	-8.016
134.0	-12.285	-10.903	0.000	0.000	0.000	-397.400	-103.694	0.000	103.694	-8.078
135.0	-12.204	-10.687	0.000	0.000	0.000	-385.116	-105.387	0.000	105.387	-8.139
135.8	-12.129	-10.505	0.000	0.000	0.000	-374.501	-106.870	0.000	106.870	-8.192
136.0	-12.129	-10.478	0.000	0.000	0.000	-372.922	-107.093	0.000	107.093	-8.200
137.0	-12.065	-10.336	0.000	0.000	0.000	-360.794	-108.815	0.000	108.815	-8.294
138.0	-12.002	-10.196	0.000	0.000	0.000	-348.729	-110.556	0.000	110.556	-8.389
139.0	-11.939	-10.057	0.000	0.000	0.000	-336.727	-112.317	0.000	112.317	-8.482
140.0	-10.378	-9.057	0.000	0.000	0.000	-319.543	-114.098	0.000	114.098	-8.575
141.0	-10.314	-8.927	0.000	0.000	0.000	-309.165	-115.897	0.000	115.897	-8.665
142.0	-10.249	-8.799	0.000	0.000	0.000	-298.851	-117.715	0.000	117.715	-8.756
143.0	-10.184	-8.671	0.000	0.000	0.000	-288.603	-119.551	0.000	119.551	-8.845
144.0	-10.119	-8.544	0.000	0.000	0.000	-278.419	-121.406	0.000	121.406	-8.934
145.0	-10.054	-8.418	0.000	0.000	0.000	-268.300	-123.280	0.000	123.280	-9.022
146.0	-9.989	-8.293	0.000	0.000	0.000	-258.246	-125.171	0.000	125.171	-9.110
147.0	-9.923	-8.169	0.000	0.000	0.000	-248.258	-127.081	0.000	127.081	-9.197
148.0	-9.858	-8.046	0.000	0.000	0.000	-238.335	-129.008	0.000	129.008	-9.282
149.0	-9.792	-7.923	0.000	0.000	0.000	-228.477	-130.953	0.000	130.953	-9.367
150.0	-9.321	-7.596	0.000	0.000	0.000	-217.974	-132.915	0.000	132.915	-9.451
151.0	-9.255	-7.477	0.000	0.000	0.000	-208.654	-134.895	0.000	134.895	-9.533
152.0	-9.189	-7.359	0.000	0.000	0.000	-199.399	-136.892	0.000	136.892	-9.615
153.0	-9.122	-7.242	0.000	0.000	0.000	-190.211	-138.905	0.000	138.905	-9.695
154.0	-9.056	-7.126	0.000	0.000	0.000	-181.089	-140.934	0.000	140.934	-9.774
155.0	-8.989	-7.010	0.000	0.000	0.000	-172.033	-142.980	0.000	142.980	-9.851
156.0	-8.923	-6.896	0.000	0.000	0.000	-163.044	-145.041	0.000	145.041	-9.927
157.0	-8.856	-6.783	0.000	0.000	0.000	-154.121	-147.118	0.000	147.118	-10.001



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

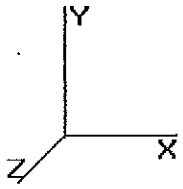
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

158.0	-8.789	-6.670	0.000	0.000	0.000	-145.266	-149.210	0.000	149.210	-10.073
159.0	-8.722	-6.559	0.000	0.000	0.000	-136.477	-151.317	0.000	151.317	-10.144
160.0	-8.655	-6.448	0.000	0.000	0.000	-127.754	-153.438	0.000	153.438	-10.212
161.0	-8.588	-6.339	0.000	0.000	0.000	-119.099	-155.573	0.000	155.573	-10.278
162.0	-8.521	-6.231	0.000	0.000	0.000	-110.511	-157.721	0.000	157.721	-10.341
163.0	-8.453	-6.124	0.000	0.000	0.000	-101.991	-159.882	0.000	159.882	-10.402
164.0	-8.386	-6.018	0.000	0.000	0.000	-93.538	-162.056	0.000	162.056	-10.460
165.0	-8.318	-5.913	0.000	0.000	0.000	-85.152	-164.241	0.000	164.241	-10.515
166.0	-8.668	-4.569	0.000	0.000	0.000	-76.834	-166.437	0.000	166.437	-10.567
167.0	-5.627	-4.506	0.000	0.000	0.000	-71.166	-168.643	0.000	168.643	-10.616
168.0	-5.585	-4.443	0.000	0.000	0.000	-65.539	-170.859	0.000	170.859	-10.663
169.0	-5.544	-4.382	0.000	0.000	0.000	-59.954	-173.084	0.000	173.084	-10.707
170.0	-5.503	-4.321	0.000	0.000	0.000	-54.410	-175.318	0.000	175.318	-10.750
171.0	-5.462	-4.261	0.000	0.000	0.000	-48.907	-177.561	0.000	177.561	-10.789
172.0	-5.421	-4.202	0.000	0.000	0.000	-43.445	-179.812	0.000	179.812	-10.826
173.0	-5.381	-4.144	0.000	0.000	0.000	-38.023	-182.070	0.000	182.070	-10.860
174.0	-3.982	-2.617	0.000	0.000	0.000	-32.643	-184.335	0.000	184.335	-10.891
175.0	-3.941	-2.561	0.000	0.000	0.000	-28.660	-186.605	0.000	186.605	-10.918
176.0	-3.901	-2.506	0.000	0.000	0.000	-24.719	-188.881	0.000	188.881	-10.944
177.0	-3.860	-2.451	0.000	0.000	0.000	-20.818	-191.162	0.000	191.162	-10.966
178.0	-3.820	-2.398	0.000	0.000	0.000	-16.958	-193.447	0.000	193.447	-10.985
179.0	-3.781	-2.345	0.000	0.000	0.000	-13.138	-195.735	0.000	195.735	-11.001
180.0	-3.263	0.000	0.000	0.000	0.000	-9.357	-198.027	0.000	198.027	-11.014

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

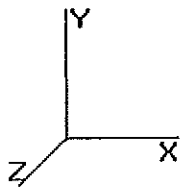
Calculated Stresses

Seg Elev (ft)	Applied Stresses Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)	Allowable Stress (Fb) (ksi)		Stress Ratio
0.00	0.86	0.83	0.00	0.00	0.00	49.13	50.01	52.0	0.0	0.962
1.00	0.86	0.84	0.00	0.00	0.00	49.16	50.04	52.0	0.0	0.963
2.00	0.86	0.84	0.00	0.00	0.00	49.19	50.06	52.0	0.0	0.963
3.00	0.85	0.84	0.00	0.00	0.00	49.21	50.09	52.0	0.0	0.964
4.00	0.85	0.84	0.00	0.00	0.00	49.24	50.11	52.0	0.0	0.964
5.00	0.85	0.85	0.00	0.00	0.00	49.27	50.14	52.0	0.0	0.965
6.00	0.85	0.85	0.00	0.00	0.00	49.29	50.16	52.0	0.0	0.965
7.00	0.84	0.85	0.00	0.00	0.00	49.31	50.18	52.0	0.0	0.965
8.00	0.84	0.85	0.00	0.00	0.00	49.34	50.20	52.0	0.0	0.966
9.00	0.84	0.86	0.00	0.00	0.00	49.36	50.22	52.0	0.0	0.966
10.00	0.84	0.86	0.00	0.00	0.00	49.38	50.24	52.0	0.0	0.967
11.00	0.84	0.86	0.00	0.00	0.00	49.40	50.26	52.0	0.0	0.967
12.00	0.83	0.86	0.00	0.00	0.00	49.42	50.28	52.0	0.0	0.967
13.00	0.83	0.87	0.00	0.00	0.00	49.44	50.29	52.0	0.0	0.968
14.00	0.83	0.87	0.00	0.00	0.00	49.46	50.31	52.0	0.0	0.968
15.00	0.83	0.87	0.00	0.00	0.00	49.47	50.32	52.0	0.0	0.968
16.00	0.82	0.87	0.00	0.00	0.00	49.49	50.33	52.0	0.0	0.968
17.00	0.82	0.88	0.00	0.00	0.00	49.50	50.34	52.0	0.0	0.969
18.00	0.82	0.88	0.00	0.00	0.00	49.51	50.36	52.0	0.0	0.969
19.00	0.82	0.88	0.00	0.00	0.00	49.52	50.36	52.0	0.0	0.969
20.00	0.82	0.89	0.00	0.00	0.00	49.53	50.37	52.0	0.0	0.969
21.00	0.81	0.89	0.00	0.00	0.00	49.54	50.38	52.0	0.0	0.969
22.00	0.81	0.89	0.00	0.00	0.00	49.55	50.38	52.0	0.0	0.969
23.00	0.81	0.89	0.00	0.00	0.00	49.55	50.39	52.0	0.0	0.969
24.00	0.81	0.90	0.00	0.00	0.00	49.56	50.39	52.0	0.0	0.969
25.00	0.80	0.90	0.00	0.00	0.00	49.56	50.39	52.0	0.0	0.969
26.00	0.80	0.90	0.00	0.00	0.00	49.56	50.39	52.0	0.0	0.969
27.00	0.80	0.91	0.00	0.00	0.00	49.56	50.39	52.0	0.0	0.969
28.00	0.80	0.91	0.00	0.00	0.00	49.56	50.38	52.0	0.0	0.969
29.00	0.79	0.91	0.00	0.00	0.00	49.56	50.38	52.0	0.0	0.969
30.00	0.79	0.91	0.00	0.00	0.00	49.55	50.37	52.0	0.0	0.969
31.00	0.79	0.92	0.00	0.00	0.00	49.55	50.36	52.0	0.0	0.969
32.00	0.79	0.92	0.00	0.00	0.00	49.54	50.35	52.0	0.0	0.969
33.00	0.79	0.92	0.00	0.00	0.00	49.53	50.34	52.0	0.0	0.969
34.00	0.78	0.93	0.00	0.00	0.00	49.52	50.33	52.0	0.0	0.968
35.00	0.78	0.93	0.00	0.00	0.00	49.51	50.31	52.0	0.0	0.968
36.00	0.78	0.93	0.00	0.00	0.00	49.49	50.30	52.0	0.0	0.968
37.00	0.78	0.94	0.00	0.00	0.00	49.48	50.28	52.0	0.0	0.967
38.00	0.77	0.94	0.00	0.00	0.00	49.46	50.26	52.0	0.0	0.967
39.00	0.77	0.94	0.00	0.00	0.00	49.44	50.23	52.0	0.0	0.966
40.00	0.77	0.94	0.00	0.00	0.00	49.41	50.21	52.0	0.0	0.966
41.00	0.77	0.95	0.00	0.00	0.00	49.39	50.18	52.0	0.0	0.965
42.00	0.76	0.95	0.00	0.00	0.00	49.36	50.15	52.0	0.0	0.965
42.96	0.76	0.95	0.00	0.00	0.00	49.33	50.12	52.0	0.0	0.964
43.00	0.76	0.95	0.00	0.00	0.00	49.33	50.12	52.0	0.0	0.964
44.00	0.76	0.96	0.00	0.00	0.00	49.30	50.08	52.0	0.0	0.964
45.00	0.75	0.96	0.00	0.00	0.00	49.26	50.04	52.0	0.0	0.963
46.00	0.75	0.96	0.00	0.00	0.00	49.23	50.00	52.0	0.0	0.962
47.00	0.74	0.97	0.00	0.00	0.00	49.19	49.96	52.0	0.0	0.961
48.00	0.73	0.97	0.00	0.00	0.00	49.15	49.91	52.0	0.0	0.960
49.00	0.73	0.97	0.00	0.00	0.00	49.11	49.86	52.0	0.0	0.959

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

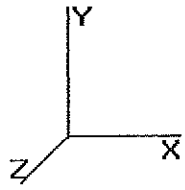
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.04	0.83	1.11	0.00	0.00	0.00	55.02	55.89	52.0	0.0	1.075
50.00	0.83	1.11	0.00	0.00	0.00	54.96	55.83	52.0	0.0	1.074
51.00	0.83	1.12	0.00	0.00	0.00	54.89	55.76	52.0	0.0	1.073
52.00	0.83	1.12	0.00	0.00	0.00	54.83	55.69	52.0	0.0	1.071
53.00	0.82	1.13	0.00	0.00	0.00	54.75	55.61	52.0	0.0	1.070
54.00	0.82	1.13	0.00	0.00	0.00	54.68	55.53	52.0	0.0	1.068
55.00	0.82	1.13	0.00	0.00	0.00	54.60	55.45	52.0	0.0	1.067
56.00	0.82	1.14	0.00	0.00	0.00	54.52	55.37	52.0	0.0	1.065
57.00	0.81	1.14	0.00	0.00	0.00	54.43	55.28	52.0	0.0	1.064
58.00	0.81	1.14	0.00	0.00	0.00	54.34	55.19	52.0	0.0	1.062
59.00	0.81	1.15	0.00	0.00	0.00	54.25	55.09	52.0	0.0	1.060
60.00	0.81	1.15	0.00	0.00	0.00	54.15	54.99	52.0	0.0	1.058
61.00	0.80	1.16	0.00	0.00	0.00	54.05	54.89	52.0	0.0	1.056
62.00	0.80	1.16	0.00	0.00	0.00	53.94	54.78	52.0	0.0	1.054
63.00	0.80	1.16	0.00	0.00	0.00	53.83	54.67	52.0	0.0	1.052
64.00	0.80	1.17	0.00	0.00	0.00	53.72	54.55	52.0	0.0	1.050
65.00	0.79	1.17	0.00	0.00	0.00	53.60	54.43	52.0	0.0	1.047
66.00	0.79	1.18	0.00	0.00	0.00	53.48	54.31	52.0	0.0	1.045
67.00	0.79	1.18	0.00	0.00	0.00	53.36	54.18	52.0	0.0	1.042
68.00	0.79	1.18	0.00	0.00	0.00	53.22	54.04	52.0	0.0	1.040
69.00	0.78	1.19	0.00	0.00	0.00	53.08	53.90	52.0	0.0	1.037
70.00	0.78	1.19	0.00	0.00	0.00	52.94	53.76	52.0	0.0	1.034
71.00	0.78	1.19	0.00	0.00	0.00	52.79	53.61	52.0	0.0	1.031
72.00	0.78	1.20	0.00	0.00	0.00	52.64	53.45	52.0	0.0	1.028
73.00	0.77	1.20	0.00	0.00	0.00	52.48	53.29	52.0	0.0	1.025
74.00	0.77	1.21	0.00	0.00	0.00	52.32	53.13	52.0	0.0	1.022
75.00	0.77	1.21	0.00	0.00	0.00	52.15	52.96	52.0	0.0	1.019
76.00	0.77	1.22	0.00	0.00	0.00	51.97	52.78	52.0	0.0	1.015
77.00	0.76	1.22	0.00	0.00	0.00	51.79	52.60	52.0	0.0	1.012
78.00	0.76	1.22	0.00	0.00	0.00	51.60	52.41	52.0	0.0	1.008
79.00	0.76	1.23	0.00	0.00	0.00	51.41	52.21	52.0	0.0	1.004
80.00	0.75	1.23	0.00	0.00	0.00	51.21	52.01	52.0	0.0	1.001
81.00	0.75	1.24	0.00	0.00	0.00	51.00	51.80	52.0	0.0	0.997
82.00	0.75	1.24	0.00	0.00	0.00	50.79	51.58	52.0	0.0	0.992
83.00	0.75	1.24	0.00	0.00	0.00	50.57	51.36	52.0	0.0	0.988
84.00	0.74	1.25	0.00	0.00	0.00	50.34	51.13	52.0	0.0	0.984
85.00	0.74	1.25	0.00	0.00	0.00	50.10	50.89	52.0	0.0	0.979
86.00	0.74	1.26	0.00	0.00	0.00	49.86	50.65	52.0	0.0	0.974
87.00	0.74	1.26	0.00	0.00	0.00	49.61	50.39	52.0	0.0	0.970
87.54	0.73	1.26	0.00	0.00	0.00	49.47	50.25	52.0	0.0	0.967
88.00	0.73	1.27	0.00	0.00	0.00	49.35	50.13	52.0	0.0	0.965
89.00	0.73	1.27	0.00	0.00	0.00	49.08	49.86	52.0	0.0	0.959
90.00	0.72	1.27	0.00	0.00	0.00	48.81	49.58	52.0	0.0	0.954
91.00	0.72	1.28	0.00	0.00	0.00	48.52	49.29	52.0	0.0	0.948
92.00	0.71	1.28	0.00	0.00	0.00	48.23	48.99	52.0	0.0	0.943
92.46	0.83	1.51	0.00	0.00	0.00	55.26	56.15	52.0	0.0	1.080
93.00	0.83	1.51	0.00	0.00	0.00	55.06	55.95	52.0	0.0	1.076
94.00	0.83	1.52	0.00	0.00	0.00	54.68	55.57	52.0	0.0	1.069
95.00	0.82	1.50	0.00	0.00	0.00	54.30	55.17	52.0	0.0	1.062
96.00	0.81	1.51	0.00	0.00	0.00	53.91	54.79	52.0	0.0	1.054
97.00	0.81	1.52	0.00	0.00	0.00	53.52	54.39	52.0	0.0	1.046
98.00	0.81	1.52	0.00	0.00	0.00	53.11	53.98	52.0	0.0	1.039
99.00	0.80	1.53	0.00	0.00	0.00	52.69	53.56	52.0	0.0	1.030
100.00	0.80	1.53	0.00	0.00	0.00	52.25	53.12	52.0	0.0	1.022
101.00	0.80	1.54	0.00	0.00	0.00	51.81	52.67	52.0	0.0	1.013
102.00	0.79	1.54	0.00	0.00	0.00	51.35	52.21	52.0	0.0	1.004
103.00	0.79	1.55	0.00	0.00	0.00	50.87	51.73	52.0	0.0	0.995

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

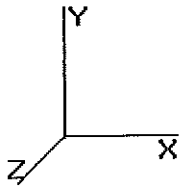
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

104.00	0.79	1.56	0.00	0.00	0.00	50.38	51.24	52.0	0.0	0.986
105.00	0.78	1.53	0.00	0.00	0.00	49.87	50.72	52.0	0.0	0.976
106.00	0.78	1.54	0.00	0.00	0.00	49.37	50.22	52.0	0.0	0.966
107.00	0.78	1.54	0.00	0.00	0.00	48.86	49.71	52.0	0.0	0.956
108.00	0.77	1.55	0.00	0.00	0.00	48.33	49.18	52.0	0.0	0.946
109.00	0.77	1.56	0.00	0.00	0.00	47.78	48.63	52.0	0.0	0.936
110.00	0.77	1.56	0.00	0.00	0.00	47.22	48.06	52.0	0.0	0.925
111.00	0.76	1.57	0.00	0.00	0.00	46.64	47.48	52.0	0.0	0.913
112.00	0.76	1.57	0.00	0.00	0.00	46.03	46.88	52.0	0.0	0.902
113.00	0.76	1.58	0.00	0.00	0.00	45.42	46.25	52.0	0.0	0.890
114.00	0.76	1.59	0.00	0.00	0.00	44.78	45.61	52.0	0.0	0.878
114.50	0.69	1.44	0.00	0.00	0.00	44.45	45.20	52.0	0.0	0.870
115.00	0.68	1.44	0.00	0.00	0.00	44.19	44.94	52.0	0.0	0.865
116.00	0.68	1.44	0.00	0.00	0.00	43.64	44.39	52.0	0.0	0.854
117.00	0.68	1.45	0.00	0.00	0.00	43.08	43.82	52.0	0.0	0.843
118.00	0.67	1.45	0.00	0.00	0.00	42.49	43.24	52.0	0.0	0.832
119.00	0.67	1.46	0.00	0.00	0.00	41.89	42.64	52.0	0.0	0.820
120.00	0.67	1.46	0.00	0.00	0.00	41.28	42.02	52.0	0.0	0.808
121.00	0.66	1.47	0.00	0.00	0.00	40.64	41.38	52.0	0.0	0.796
122.00	0.66	1.47	0.00	0.00	0.00	39.98	40.72	52.0	0.0	0.783
123.00	0.66	1.48	0.00	0.00	0.00	39.30	40.04	52.0	0.0	0.770
124.00	0.65	1.48	0.00	0.00	0.00	38.60	39.33	52.0	0.0	0.757
125.00	0.57	1.21	0.00	0.00	0.00	37.87	38.50	52.0	0.0	0.741
126.00	0.57	1.22	0.00	0.00	0.00	37.38	38.01	52.0	0.0	0.731
127.00	0.57	1.22	0.00	0.00	0.00	36.87	37.50	52.0	0.0	0.722
128.00	0.56	1.23	0.00	0.00	0.00	36.35	36.97	52.0	0.0	0.711
129.00	0.56	1.23	0.00	0.00	0.00	35.80	36.43	52.0	0.0	0.701
130.00	0.56	1.24	0.00	0.00	0.00	35.24	35.87	52.0	0.0	0.690
131.00	0.56	1.24	0.00	0.00	0.00	34.66	35.28	52.0	0.0	0.679
132.00	0.54	1.21	0.00	0.00	0.00	34.05	34.66	52.0	0.0	0.667
132.12	0.54	1.22	0.00	0.00	0.00	33.98	34.59	52.0	0.0	0.665
133.00	0.53	1.22	0.00	0.00	0.00	33.46	34.06	52.0	0.0	0.655
134.00	0.45	1.02	0.00	0.00	0.00	32.85	33.35	52.0	0.0	0.642
135.00	0.45	1.03	0.00	0.00	0.00	32.42	32.91	52.0	0.0	0.633
135.87	0.72	1.68	0.00	0.00	0.00	50.96	51.76	52.0	0.0	0.996
136.00	0.72	1.68	0.00	0.00	0.00	50.86	51.66	52.0	0.0	0.994
137.00	0.72	1.69	0.00	0.00	0.00	50.11	50.91	52.0	0.0	0.979
138.00	0.71	1.69	0.00	0.00	0.00	49.32	50.12	52.0	0.0	0.964
139.00	0.71	1.70	0.00	0.00	0.00	48.51	49.31	52.0	0.0	0.949
140.00	0.65	1.49	0.00	0.00	0.00	46.90	47.61	52.0	0.0	0.916
141.00	0.64	1.49	0.00	0.00	0.00	46.23	46.95	52.0	0.0	0.903
142.00	0.64	1.50	0.00	0.00	0.00	45.55	46.26	52.0	0.0	0.890
143.00	0.64	1.50	0.00	0.00	0.00	44.83	45.54	52.0	0.0	0.876
144.00	0.63	1.51	0.00	0.00	0.00	44.10	44.80	52.0	0.0	0.862
145.00	0.63	1.51	0.00	0.00	0.00	43.33	44.04	52.0	0.0	0.847
146.00	0.63	1.52	0.00	0.00	0.00	42.54	43.24	52.0	0.0	0.832
147.00	0.62	1.52	0.00	0.00	0.00	41.71	42.42	52.0	0.0	0.816
148.00	0.62	1.53	0.00	0.00	0.00	40.86	41.56	52.0	0.0	0.800
149.00	0.62	1.53	0.00	0.00	0.00	39.97	40.67	52.0	0.0	0.783
150.00	0.60	1.48	0.00	0.00	0.00	38.92	39.60	52.0	0.0	0.762
151.00	0.59	1.48	0.00	0.00	0.00	38.04	38.72	52.0	0.0	0.745
152.00	0.59	1.48	0.00	0.00	0.00	37.12	37.80	52.0	0.0	0.727
153.00	0.59	1.49	0.00	0.00	0.00	36.16	36.84	52.0	0.0	0.709
154.00	0.58	1.49	0.00	0.00	0.00	35.17	35.85	52.0	0.0	0.690
155.00	0.58	1.50	0.00	0.00	0.00	34.14	34.82	52.0	0.0	0.670
156.00	0.58	1.50	0.00	0.00	0.00	33.08	33.75	52.0	0.0	0.649
157.00	0.57	1.51	0.00	0.00	0.00	31.96	32.64	52.0	0.0	0.628

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Ice — 69.28 mph Wind with Ice — 38 Iterations

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

158.00	0.57	1.52	0.00	0.00	0.00	30.81	31.49	52.0	0.0	0.606
159.00	0.57	1.52	0.00	0.00	0.00	29.60	30.29	52.0	0.0	0.583
160.00	0.56	1.53	0.00	0.00	0.00	28.35	29.04	52.0	0.0	0.559
161.00	0.56	1.53	0.00	0.00	0.00	27.05	27.74	52.0	0.0	0.534
162.00	0.56	1.54	0.00	0.00	0.00	25.69	26.38	52.0	0.0	0.508
163.00	0.55	1.54	0.00	0.00	0.00	24.28	24.98	52.0	0.0	0.481
164.00	0.55	1.55	0.00	0.00	0.00	22.81	23.51	52.0	0.0	0.452
165.00	0.55	1.56	0.00	0.00	0.00	21.27	21.98	52.0	0.0	0.423
166.00	0.43	1.07	0.00	0.00	0.00	19.67	20.18	52.0	0.0	0.388
167.00	0.43	1.08	0.00	0.00	0.00	18.68	19.20	52.0	0.0	0.369
168.00	0.43	1.08	0.00	0.00	0.00	17.64	18.16	52.0	0.0	0.349
169.00	0.43	1.09	0.00	0.00	0.00	16.55	17.08	52.0	0.0	0.329
170.00	0.43	1.10	0.00	0.00	0.00	15.41	15.95	52.0	0.0	0.307
171.00	0.43	1.10	0.00	0.00	0.00	14.22	14.77	52.0	0.0	0.284
172.00	0.43	1.11	0.00	0.00	0.00	12.97	13.53	52.0	0.0	0.260
173.00	0.43	1.11	0.00	0.00	0.00	11.66	12.24	52.0	0.0	0.235
174.00	0.27	0.84	0.00	0.00	0.00	10.29	10.66	52.0	0.0	0.205
175.00	0.27	0.84	0.00	0.00	0.00	9.28	9.66	52.0	0.0	0.186
176.00	0.27	0.84	0.00	0.00	0.00	8.23	8.63	52.0	0.0	0.166
177.00	0.27	0.85	0.00	0.00	0.00	7.13	7.54	52.0	0.0	0.145
178.00	0.26	0.85	0.00	0.00	0.00	5.98	6.41	52.0	0.0	0.123
179.00	0.26	0.85	0.00	0.00	0.00	4.77	5.24	52.0	0.0	0.101
180.00	0.00	0.75	0.00	0.00	0.00	3.50	3.73	52.0	0.0	0.072

Pole : 302506
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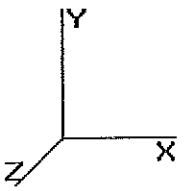
Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

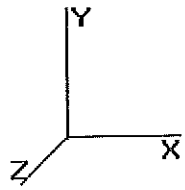
Shaft Segment Forces

Seg Top Elev (ft)	Description		Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		0.00	1.00	6.400	10.81	219.79	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00	6.400	10.81	218.87	0.650	0.000	1.00	4.387	2.85	30.8	0.0	246.7
2.00		0.00	1.00	6.400	10.81	217.96	0.650	0.000	1.00	4.368	2.84	30.7	0.0	245.6
3.00		0.00	1.00	6.400	10.81	217.04	0.650	0.000	1.00	4.350	2.83	30.6	0.0	244.6
4.00		0.00	1.00	6.400	10.81	216.13	0.650	0.000	1.00	4.332	2.82	30.5	0.0	243.5
5.00		0.00	1.00	6.400	10.81	215.22	0.650	0.000	1.00	4.314	2.80	30.3	0.0	242.5
6.00		0.00	1.00	6.400	10.81	214.30	0.650	0.000	1.00	4.295	2.79	30.2	0.0	241.5
7.00		0.00	1.00	6.400	10.81	213.39	0.650	0.000	1.00	4.277	2.78	30.1	0.0	240.4
8.00		0.00	1.00	6.400	10.81	212.47	0.650	0.000	1.00	4.259	2.77	29.9	0.0	239.4
9.00		0.00	1.00	6.400	10.81	211.56	0.650	0.000	1.00	4.240	2.76	29.8	0.0	238.4
10.00		0.00	1.00	6.400	10.81	210.64	0.650	0.000	1.00	4.222	2.74	29.7	0.0	237.3
11.00		0.00	1.00	6.400	10.81	209.73	0.650	0.000	1.00	4.204	2.73	29.6	0.0	236.3
12.00		0.00	1.00	6.400	10.81	208.81	0.650	0.000	1.00	4.186	2.72	29.4	0.0	235.3
13.00		0.00	1.00	6.400	10.81	207.90	0.650	0.000	1.00	4.167	2.71	29.3	0.0	234.2
14.00		0.00	1.00	6.400	10.81	206.99	0.650	0.000	1.00	4.149	2.70	29.2	0.0	233.2
15.00		0.00	1.00	6.400	10.81	206.07	0.650	0.000	1.00	4.131	2.68	29.0	0.0	232.1
16.00		0.00	1.00	6.400	10.81	205.16	0.650	0.000	1.00	4.112	2.67	28.9	0.0	231.1
17.00		0.00	1.00	6.400	10.81	204.24	0.650	0.000	1.00	4.094	2.66	28.8	0.0	230.1
18.00		0.00	1.00	6.400	10.81	203.33	0.650	0.000	1.00	4.076	2.65	28.7	0.0	229.0
19.00		0.00	1.00	6.400	10.81	202.41	0.650	0.000	1.00	4.058	2.64	28.5	0.0	228.0
20.00		0.00	1.00	6.400	10.81	201.50	0.650	0.000	1.00	4.039	2.63	28.4	0.0	227.0
21.00		0.00	1.00	6.400	10.81	200.59	0.650	0.000	1.00	4.021	2.61	28.3	0.0	225.9
22.00		0.00	1.00	6.400	10.81	199.67	0.650	0.000	1.00	4.003	2.60	28.1	0.0	224.9
23.00		0.00	1.00	6.400	10.81	198.76	0.650	0.000	1.00	3.984	2.59	28.0	0.0	223.8
24.00		0.00	1.00	6.400	10.81	197.84	0.650	0.000	1.00	3.966	2.58	27.9	0.0	222.8
25.00		0.00	1.00	6.400	10.81	196.93	0.650	0.000	1.00	3.948	2.57	27.8	0.0	221.8
26.00		0.00	1.00	6.400	10.81	196.01	0.650	0.000	1.00	3.930	2.55	27.6	0.0	220.7
27.00		0.00	1.00	6.400	10.81	195.10	0.650	0.000	1.00	3.911	2.54	27.5	0.0	219.7
28.00		0.00	1.00	6.400	10.81	194.19	0.650	0.000	1.00	3.893	2.53	27.4	0.0	218.7
29.00		0.00	1.00	6.400	10.81	193.27	0.650	0.000	1.00	3.875	2.52	27.2	0.0	217.6
30.00	Appertunance(s)	0.00	1.00	6.400	10.81	192.36	0.650	0.000	1.00	3.856	2.51	27.1	0.0	216.6
31.00		0.00	1.00	6.400	10.81	191.44	0.650	0.000	1.00	3.838	2.49	27.0	0.0	215.6
32.00		0.00	1.00	6.400	10.81	190.53	0.650	0.000	1.00	3.820	2.48	26.9	0.0	214.5
33.00		0.00	1.00	6.400	10.81	189.61	0.650	0.000	1.00	3.802	2.47	26.7	0.0	213.5
34.00		0.00	1.00	6.455	10.90	189.51	0.650	0.000	1.00	3.783	2.46	26.8	0.0	212.4
35.00		0.00	1.01	6.509	10.99	189.37	0.650	0.000	1.00	3.765	2.45	26.9	0.0	211.4
36.00		0.00	1.02	6.561	11.08	189.21	0.650	0.000	1.00	3.747	2.44	27.0	0.0	210.4
37.00		0.00	1.03	6.613	11.17	189.02	0.650	0.000	1.00	3.728	2.42	27.1	0.0	209.3
38.00		0.00	1.04	6.663	11.26	188.81	0.650	0.000	1.00	3.710	2.41	27.2	0.0	208.3
39.00		0.00	1.04	6.713	11.34	188.57	0.650	0.000	1.00	3.692	2.40	27.2	0.0	207.3
40.00		0.00	1.05	6.762	11.42	188.32	0.650	0.000	1.00	3.673	2.39	27.3	0.0	206.2
41.00		0.00	1.06	6.809	11.50	188.04	0.650	0.000	1.00	3.655	2.38	27.3	0.0	205.2
42.00		0.00	1.07	6.857	11.58	187.74	0.650	0.000	1.00	3.637	2.36	27.4	0.0	204.1
42.96	Bot - Section 2	0.00	1.07	6.901	11.66	187.44	0.650	0.000	0.96	3.462	2.25	26.2	0.0	194.3
43.00		0.00	1.07	6.903	11.66	187.43	0.650	0.000	0.04	0.160	0.10	1.2	0.0	16.5
44.00		0.00	1.08	6.948	11.74	187.09	0.650	0.000	1.00	3.663	2.38	28.0	0.0	378.6
45.00		0.00	1.09	6.993	11.81	186.73	0.650	0.000	1.00	3.645	2.37	28.0	0.0	376.6
46.00		0.00	1.10	7.037	11.89	186.36	0.650	0.000	1.00	3.626	2.36	28.0	0.0	374.7
47.00		0.00	1.10	7.080	11.96	185.97	0.650	0.000	1.00	3.608	2.35	28.1	0.0	372.8
48.00		0.00	1.11	7.123	12.03	185.57	0.650	0.000	1.00	3.590	2.33	28.1	0.0	370.9
49.00		0.00	1.12	7.165	12.10	185.15	0.650	0.000	1.00	3.571	2.32	28.1	0.0	368.9

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

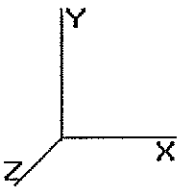
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.04	Top - Section 1	0.00	1.12	7.167	12.11	185.13	0.650	0.000	0.04	0.142	0.09	1.1	0.0	14.7
50.00		0.00	1.12	7.207	12.17	188.03	0.650	0.000	0.96	3.411	2.22	27.0	0.0	164.3
51.00		0.00	1.13	7.248	12.24	187.59	0.650	0.000	1.00	3.535	2.30	28.1	0.0	170.3
52.00		0.00	1.13	7.288	12.31	187.14	0.650	0.000	1.00	3.517	2.29	28.2	0.0	169.4
53.00		0.00	1.14	7.328	12.38	186.67	0.650	0.000	1.00	3.498	2.27	28.2	0.0	168.5
54.00		0.00	1.15	7.367	12.45	186.19	0.650	0.000	1.00	3.480	2.26	28.2	0.0	167.6
55.00		0.00	1.15	7.406	12.51	185.69	0.650	0.000	1.00	3.462	2.25	28.2	0.0	166.7
56.00		0.00	1.16	7.444	12.58	185.18	0.650	0.000	1.00	3.443	2.24	28.2	0.0	165.8
57.00		0.00	1.16	7.482	12.64	184.66	0.650	0.000	1.00	3.425	2.23	28.1	0.0	164.9
58.00		0.00	1.17	7.519	12.70	184.13	0.650	0.000	1.00	3.407	2.21	28.1	0.0	164.1
59.00		0.00	1.18	7.556	12.76	183.59	0.650	0.000	1.00	3.389	2.20	28.1	0.0	163.2
60.00		0.00	1.18	7.592	12.83	183.03	0.650	0.000	1.00	3.370	2.19	28.1	0.0	162.3
61.00		0.00	1.19	7.628	12.89	182.47	0.650	0.000	1.00	3.352	2.18	28.1	0.0	161.4
62.00		0.00	1.19	7.664	12.95	181.89	0.650	0.000	1.00	3.334	2.17	28.1	0.0	160.5
63.00		0.00	1.20	7.699	13.01	181.31	0.650	0.000	1.00	3.315	2.16	28.0	0.0	159.6
64.00		0.00	1.20	7.733	13.06	180.71	0.650	0.000	1.00	3.297	2.14	28.0	0.0	158.7
65.00		0.00	1.21	7.768	13.12	180.10	0.650	0.000	1.00	3.279	2.13	28.0	0.0	157.8
66.00		0.00	1.21	7.802	13.18	179.49	0.650	0.000	1.00	3.261	2.12	27.9	0.0	156.9
67.00		0.00	1.22	7.835	13.24	178.86	0.650	0.000	1.00	3.242	2.11	27.9	0.0	156.1
68.00		0.00	1.22	7.869	13.29	178.23	0.650	0.000	1.00	3.224	2.10	27.9	0.0	155.2
69.00		0.00	1.23	7.901	13.35	177.58	0.650	0.000	1.00	3.206	2.08	27.8	0.0	154.3
70.00		0.00	1.24	7.934	13.40	176.93	0.650	0.000	1.00	3.187	2.07	27.8	0.0	153.4
71.00		0.00	1.24	7.966	13.46	176.27	0.650	0.000	1.00	3.169	2.06	27.7	0.0	152.5
72.00		0.00	1.25	7.998	13.51	175.60	0.650	0.000	1.00	3.151	2.05	27.7	0.0	151.6
73.00		0.00	1.25	8.030	13.57	174.92	0.650	0.000	1.00	3.133	2.04	27.6	0.0	150.7
74.00		0.00	1.26	8.061	13.62	174.24	0.650	0.000	1.00	3.114	2.02	27.6	0.0	149.8
75.00		0.00	1.26	8.092	13.67	173.54	0.650	0.000	1.00	3.096	2.01	27.5	0.0	148.9
76.00		0.00	1.26	8.123	13.72	172.84	0.650	0.000	1.00	3.078	2.00	27.5	0.0	148.1
77.00		0.00	1.27	8.153	13.77	172.13	0.650	0.000	1.00	3.059	1.99	27.4	0.0	147.2
78.00	Appertunance(s)	0.00	1.27	8.183	13.82	171.41	0.650	0.000	1.00	3.041	1.98	27.3	0.0	146.3
79.00		0.00	1.28	8.213	13.88	170.69	0.650	0.000	1.00	3.023	1.96	27.3	0.0	145.4
80.00		0.00	1.28	8.242	13.93	169.96	0.650	0.000	1.00	3.005	1.95	27.2	0.0	144.5
81.00		0.00	1.29	8.272	13.97	169.22	0.650	0.000	1.00	2.986	1.94	27.1	0.0	143.6
82.00		0.00	1.29	8.301	14.02	168.48	0.650	0.000	1.00	2.968	1.93	27.1	0.0	142.7
83.00		0.00	1.30	8.330	14.07	167.73	0.650	0.000	1.00	2.950	1.92	27.0	0.0	141.8
84.00		0.00	1.30	8.358	14.12	166.97	0.650	0.000	1.00	2.931	1.91	26.9	0.0	140.9
85.00		0.00	1.31	8.387	14.17	166.21	0.650	0.000	1.00	2.913	1.89	26.8	0.0	140.1
86.00		0.00	1.31	8.415	14.22	165.44	0.650	0.000	1.00	2.895	1.88	26.8	0.0	139.2
87.00		0.00	1.31	8.442	14.26	164.66	0.650	0.000	1.00	2.877	1.87	26.7	0.0	138.3
87.54	Bot - Section 3	0.00	1.32	8.457	14.29	164.24	0.650	0.000	0.54	1.545	1.00	14.4	0.0	74.3
88.00		0.00	1.32	8.470	14.31	163.88	0.650	0.000	0.46	1.337	0.87	12.4	0.0	116.8
89.00		0.00	1.32	8.497	14.36	163.09	0.650	0.000	1.00	2.892	1.88	27.0	0.0	252.6
90.00		0.00	1.33	8.525	14.40	162.29	0.650	0.000	1.00	2.874	1.87	26.9	0.0	250.9
91.00		0.00	1.33	8.552	14.45	161.49	0.650	0.000	1.00	2.855	1.86	26.8	0.0	249.3
92.00		0.00	1.34	8.578	14.49	160.69	0.650	0.000	1.00	2.837	1.84	26.7	0.0	247.7
92.46	Top - Section 2	0.00	1.34	8.590	14.51	160.32	0.650	0.000	0.46	1.289	0.84	12.2	0.0	112.5
93.00		0.00	1.34	8.605	14.54	162.89	0.650	0.000	0.54	1.530	0.99	14.5	0.0	61.4
94.00		0.00	1.34	8.631	14.58	162.08	0.650	0.000	1.00	2.801	1.82	26.6	0.0	112.4
95.00	Appertunance(s)	0.00	1.35	8.657	14.63	161.26	0.650	0.000	1.00	2.782	1.81	26.5	0.0	111.6
96.00		0.00	1.35	8.683	14.67	160.44	0.650	0.000	1.00	2.764	1.80	26.4	0.0	110.9
97.00		0.00	1.36	8.709	14.71	159.61	0.650	0.000	1.00	2.746	1.78	26.3	0.0	110.1
98.00		0.00	1.36	8.735	14.76	158.78	0.650	0.000	1.00	2.727	1.77	26.2	0.0	109.4
99.00		0.00	1.36	8.760	14.80	157.94	0.650	0.000	1.00	2.709	1.76	26.1	0.0	108.7
100.0		0.00	1.37	8.785	14.84	157.09	0.650	0.000	1.00	2.691	1.75	26.0	0.0	107.9
101.0		0.00	1.37	8.810	14.88	156.24	0.650	0.000	1.00	2.673	1.74	25.9	0.0	107.2
102.0		0.00	1.38	8.835	14.93	155.39	0.650	0.000	1.00	2.654	1.73	25.8	0.0	106.4
103.0		0.00	1.38	8.860	14.97	154.53	0.650	0.000	1.00	2.636	1.71	25.7	0.0	105.7

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

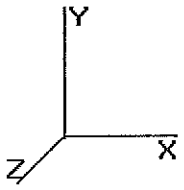
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

104.0		0.00	1.38	8.884	15.01	153.67	0.650	0.000	1.00	2.618	1.70	25.5	0.0	105.0
105.0	Appertunance(s)	0.00	1.39	8.908	15.05	152.80	0.650	0.000	1.00	2.599	1.69	25.4	0.0	104.2
106.0		0.00	1.39	8.933	15.09	151.92	0.650	0.000	1.00	2.581	1.68	25.3	0.0	103.5
107.0		0.00	1.39	8.957	15.13	151.05	0.650	0.000	1.00	2.563	1.67	25.2	0.0	102.7
108.0		0.00	1.40	8.980	15.17	150.16	0.650	0.000	1.00	2.545	1.65	25.1	0.0	102.0
109.0		0.00	1.40	9.004	15.21	149.28	0.650	0.000	1.00	2.526	1.64	25.0	0.0	101.3
110.0		0.00	1.41	9.028	15.25	148.39	0.650	0.000	1.00	2.508	1.63	24.9	0.0	100.5
111.0		0.00	1.41	9.051	15.29	147.49	0.650	0.000	1.00	2.490	1.62	24.8	0.0	99.8
112.0		0.00	1.41	9.074	15.33	146.59	0.650	0.000	1.00	2.471	1.61	24.6	0.0	99.0
113.0		0.00	1.42	9.097	15.37	145.69	0.650	0.000	1.00	2.453	1.59	24.5	0.0	98.3
114.0		0.00	1.42	9.120	15.41	144.78	0.650	0.000	1.00	2.435	1.58	24.4	0.0	97.6
114.5	Appertunance(s)	0.00	1.42	9.132	15.43	144.32	0.650	0.000	0.50	1.211	0.79	12.1	0.0	48.5
115.0		0.00	1.42	9.143	15.45	143.87	0.650	0.000	0.50	1.206	0.78	12.1	0.0	48.3
116.0		0.00	1.43	9.166	15.49	142.95	0.650	0.000	1.00	2.398	1.56	24.1	0.0	96.1
117.0		0.00	1.43	9.188	15.52	142.03	0.650	0.000	1.00	2.380	1.55	24.0	0.0	95.3
118.0		0.00	1.43	9.211	15.56	141.11	0.650	0.000	1.00	2.362	1.54	23.9	0.0	94.6
119.0		0.00	1.44	9.233	15.60	140.18	0.650	0.000	1.00	2.343	1.52	23.8	0.0	93.9
120.0		0.00	1.44	9.255	15.64	139.25	0.650	0.000	1.00	2.325	1.51	23.6	0.0	93.1
121.0		0.00	1.45	9.277	15.67	138.31	0.650	0.000	1.00	2.307	1.50	23.5	0.0	92.4
122.0		0.00	1.45	9.299	15.71	137.37	0.650	0.000	1.00	2.289	1.49	23.4	0.0	91.6
123.0		0.00	1.45	9.320	15.75	136.43	0.650	0.000	1.00	2.270	1.48	23.2	0.0	90.9
124.0		0.00	1.46	9.342	15.78	135.48	0.650	0.000	1.00	2.252	1.46	23.1	0.0	90.2
125.0	Appertunance(s)	0.00	1.46	9.363	15.82	134.53	0.650	0.000	1.00	2.234	1.45	23.0	0.0	89.4
126.0		0.00	1.46	9.385	15.86	133.58	0.650	0.000	1.00	2.215	1.44	22.8	0.0	88.7
127.0		0.00	1.47	9.406	15.89	132.62	0.650	0.000	1.00	2.197	1.43	22.7	0.0	87.9
128.0		0.00	1.47	9.427	15.93	131.66	0.650	0.000	1.00	2.179	1.42	22.6	0.0	87.2
129.0		0.00	1.47	9.448	15.96	130.69	0.650	0.000	1.00	2.161	1.40	22.4	0.0	86.4
130.0		0.00	1.48	9.469	16.00	129.73	0.650	0.000	1.00	2.142	1.39	22.3	0.0	85.7
131.0		0.00	1.48	9.490	16.03	128.75	0.650	0.000	1.00	2.124	1.38	22.1	0.0	85.0
132.0	Appertunance(s)	0.00	1.48	9.510	16.07	127.78	0.650	0.000	1.00	2.106	1.37	22.0	0.0	84.2
132.1	Bot - Section 4	0.00	1.48	9.513	16.07	127.66	0.650	0.000	0.12	0.251	0.16	2.6	0.0	10.0
133.0		0.00	1.48	9.531	16.10	126.80	0.650	0.000	0.88	1.864	1.21	19.5	0.0	118.4
134.0	Appertunance(s)	0.00	1.49	9.551	16.14	125.82	0.650	0.000	1.00	2.100	1.37	22.0	0.0	133.4
135.0		0.00	1.49	9.572	16.17	124.84	0.650	0.000	1.00	2.082	1.35	21.9	0.0	132.2
135.8	Top - Section 3	0.00	1.49	9.589	16.20	123.98	0.650	0.000	0.87	1.796	1.17	18.9	0.0	114.0
136.0		0.00	1.49	9.592	16.21	125.76	0.650	0.000	0.13	0.268	0.17	2.8	0.0	6.5
137.0		0.00	1.50	9.612	16.24	124.77	0.650	0.000	1.00	2.045	1.33	21.6	0.0	49.3
138.0		0.00	1.50	9.632	16.27	123.78	0.650	0.000	1.00	2.027	1.32	21.4	0.0	48.9
139.0		0.00	1.50	9.652	16.31	122.79	0.650	0.000	1.00	2.009	1.31	21.3	0.0	48.4
140.0	Appertunance(s)	0.00	1.51	9.672	16.34	121.79	0.650	0.000	1.00	1.991	1.29	21.1	0.0	48.0
141.0		0.00	1.51	9.691	16.37	120.79	0.650	0.000	1.00	1.972	1.28	21.0	0.0	47.5
142.0		0.00	1.51	9.711	16.41	119.78	0.650	0.000	1.00	1.954	1.27	20.8	0.0	47.1
143.0		0.00	1.52	9.730	16.44	118.77	0.650	0.000	1.00	1.936	1.26	20.7	0.0	46.7
144.0		0.00	1.52	9.750	16.47	117.76	0.650	0.000	1.00	1.917	1.25	20.5	0.0	46.2
145.0		0.00	1.52	9.769	16.51	116.75	0.650	0.000	1.00	1.899	1.23	20.4	0.0	45.8
146.0		0.00	1.52	9.788	16.54	115.74	0.650	0.000	1.00	1.881	1.22	20.2	0.0	45.3
147.0		0.00	1.53	9.807	16.57	114.72	0.650	0.000	1.00	1.863	1.21	20.1	0.0	44.9
148.0		0.00	1.53	9.826	16.60	113.69	0.650	0.000	1.00	1.844	1.20	19.9	0.0	44.4
149.0		0.00	1.53	9.845	16.63	112.67	0.650	0.000	1.00	1.826	1.19	19.7	0.0	44.0
150.0	Appertunance(s)	0.00	1.54	9.864	16.67	111.64	0.650	0.000	1.00	1.808	1.18	19.6	0.0	43.5
151.0		0.00	1.54	9.883	16.70	110.61	0.650	0.000	1.00	1.789	1.16	19.4	0.0	43.1
152.0		0.00	1.54	9.902	16.73	109.58	0.650	0.000	1.00	1.771	1.15	19.3	0.0	42.7
153.0		0.00	1.55	9.920	16.76	108.54	0.650	0.000	1.00	1.753	1.14	19.1	0.0	42.2
154.0		0.00	1.55	9.939	16.79	107.51	0.650	0.000	1.00	1.735	1.13	18.9	0.0	41.8
155.0		0.00	1.55	9.957	16.82	106.46	0.650	0.000	1.00	1.716	1.12	18.8	0.0	41.3
156.0		0.00	1.55	9.975	16.85	105.42	0.650	0.000	1.00	1.698	1.10	18.6	0.0	40.9
157.0		0.00	1.56	9.994	16.88	104.37	0.650	0.000	1.00	1.680	1.09	18.4	0.0	40.4

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

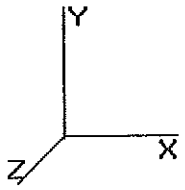
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

158.0		0.00	1.56	10.012	16.92	103.33	0.650	0.000	1.00	1.661	1.08	18.3	0.0	40.0
159.0		0.00	1.56	10.030	16.95	102.27	0.650	0.000	1.00	1.643	1.07	18.1	0.0	39.5
160.0		0.00	1.57	10.048	16.98	101.22	0.650	0.000	1.00	1.625	1.06	17.9	0.0	39.1
161.0		0.00	1.57	10.066	17.01	100.16	0.650	0.000	1.00	1.607	1.04	17.8	0.0	38.7
162.0		0.00	1.57	10.083	17.04	99.109	0.650	0.000	1.00	1.588	1.03	17.6	0.0	38.2
163.0		0.00	1.57	10.101	17.07	98.047	0.650	0.000	1.00	1.570	1.02	17.4	0.0	37.8
164.0		0.00	1.58	10.119	17.10	96.983	0.650	0.000	1.00	1.552	1.01	17.2	0.0	37.3
165.0		0.00	1.58	10.136	17.13	95.917	0.650	0.000	1.00	1.533	1.00	17.1	0.0	36.9
166.0	Appertunance(s)	0.00	1.58	10.154	17.16	94.848	0.650	0.000	1.00	1.515	0.98	16.9	0.0	36.4
167.0		0.00	1.58	10.171	17.19	93.777	0.650	0.000	1.00	1.497	0.97	16.7	0.0	36.0
168.0		0.00	1.59	10.189	17.21	92.703	0.650	0.000	1.00	1.479	0.96	16.5	0.0	35.6
169.0		0.00	1.59	10.206	17.24	91.627	0.650	0.000	1.00	1.460	0.95	16.4	0.0	35.1
170.0		0.00	1.59	10.223	17.27	90.549	0.650	0.000	1.00	1.442	0.94	16.2	0.0	34.7
171.0		0.00	1.60	10.240	17.30	89.468	0.650	0.000	1.00	1.424	0.93	16.0	0.0	34.2
172.0		0.00	1.60	10.257	17.33	88.385	0.650	0.000	1.00	1.405	0.91	15.8	0.0	33.8
173.0		0.00	1.60	10.274	17.36	87.300	0.650	0.000	1.00	1.387	0.90	15.7	0.0	33.3
174.0	Appertunance(s)	0.00	1.60	10.291	17.39	86.212	0.650	0.000	1.00	1.369	0.89	15.5	0.0	32.9
175.0		0.00	1.61	10.308	17.42	85.122	0.650	0.000	1.00	1.351	0.88	15.3	0.0	32.4
176.0		0.00	1.61	10.325	17.44	84.030	0.650	0.000	1.00	1.332	0.87	15.1	0.0	32.0
177.0		0.00	1.61	10.342	17.47	82.936	0.650	0.000	1.00	1.314	0.85	14.9	0.0	31.6
178.0		0.00	1.61	10.358	17.50	81.839	0.650	0.000	1.00	1.296	0.84	14.7	0.0	31.1
179.0		0.00	1.62	10.375	17.53	80.741	0.650	0.000	1.00	1.277	0.83	14.6	0.0	30.7
180.0	Appertunance(s)	0.00	1.62	10.392	17.56	79.640	0.650	0.000	1.00	1.259	0.82	14.4	0.0	30.2
							Totals:		180.00			4,440.7	0.0	25,271.1

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

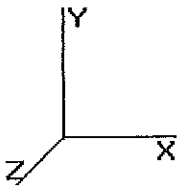


Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

Discrete Appurtenance Segment Forces

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	6.400	10.816	1.00	1.00	0.000	0.500	10.82	0.00	5.41	10.00
78.00	PCTEL GPS-TMG-HR-	1	8.183	13.829	1.00	0.09	0.000	0.000	1.24	0.00	0.00	0.60
95.00	Bird 429-83H-01-T	1	8.657	14.631	0.33	0.35	0.000	0.000	5.07	0.00	0.00	20.00
95.00	Decibel DB586-Y	2	8.657	14.631	1.00	1.48	0.000	0.000	21.65	0.00	0.00	20.00
95.00	Flat Side Arm	1	8.657	14.631	1.00	6.30	0.000	0.000	92.17	0.00	0.00	150.00
105.0	RFS APXV18-206517S-	3	8.908	15.055	0.80	12.38	0.000	0.000	186.44	0.00	0.00	79.20
114.5	Decibel DB844H90E-	12	9.132	15.432	0.73	32.67	0.000	0.000	504.25	0.00	0.00	168.00
114.5	Round Low Profile Pl	1	9.132	15.432	1.00	21.70	0.000	0.000	334.88	0.00	0.00	1,500.00
125.0	Antel BXA-171063/12C	1	9.363	15.824	0.79	3.78	0.000	0.000	59.88	0.00	0.00	15.00
125.0	Antel BXA-171085-12C	2	9.363	15.824	0.79	7.54	0.000	0.000	119.26	0.00	0.00	30.00
125.0	Antel BXA-70063/6CF	3	9.363	15.824	0.74	17.16	0.000	0.000	271.55	0.00	0.00	51.00
125.0	Antel LPA-80063/6CF	2	9.363	15.824	0.81	16.75	0.000	0.000	265.07	0.00	0.00	54.00
125.0	Antel LPA-80080/6CF	4	9.363	15.824	0.74	26.94	0.000	0.000	426.24	0.00	0.00	84.00
125.0	RFS FD9R6004/2C-3L	6	9.363	15.824	0.33	0.73	0.000	0.000	11.59	0.00	0.00	18.60
125.0	Round Low Profile Pl	1	9.363	15.824	1.00	21.70	0.000	0.000	343.38	0.00	0.00	1,500.00
132.0	Alcatel-Lucent 1900M	3	9.510	16.073	0.50	5.70	0.000	0.000	91.61	0.00	0.00	132.00
132.0	Alcatel-Lucent 800 M	3	9.510	16.073	0.50	4.37	0.000	0.000	70.16	0.00	0.00	185.40
134.0	Andrew DB980H90E-M	6	9.551	16.142	0.67	15.68	0.000	0.000	253.07	0.00	0.00	51.00
134.0	Flat Low Profile Pla	1	9.551	16.142	1.00	26.10	0.000	0.000	421.30	0.00	0.00	1,500.00
134.0	RFS APXVSPP18-C-	3	9.551	16.142	0.68	16.85	0.000	0.000	271.99	0.00	0.00	171.00
140.0	Bird 432-83H-01-T	2	9.672	16.345	0.33	1.08	0.000	0.000	17.58	0.00	0.00	40.00
140.0	Decibel DB809K-XT	3	9.790	16.545	1.00	10.98	0.000	6.100	181.67	0.00	1,108.16	112.50
140.0	Flat Side Arm	3	9.672	16.345	0.67	12.66	0.000	0.000	206.98	0.00	0.00	450.00
140.0	Sinclair SC432D-HF6L	1	9.799	16.560	1.00	5.03	0.000	6.540	83.29	0.00	544.75	50.00
140.0	Telewave ANT150D	1	9.769	16.510	1.00	1.09	0.000	5.000	18.00	0.00	89.98	18.00
150.0	Flat Side Arm	1	9.864	16.670	1.00	6.30	0.000	0.000	105.02	0.00	0.00	150.00
150.0	Sinclair SD210C2-SF2	1	9.957	16.827	1.00	1.37	0.000	5.000	23.05	0.00	115.27	16.00
166.0	CCI DTMA-1819-DD-12	6	10.154	17.160	0.33	1.41	0.000	0.000	24.12	0.00	0.00	85.80
166.0	RFS APX16PV-16PVL-	9	10.154	17.160	0.65	38.88	0.000	0.000	667.27	0.00	0.00	356.40
166.0	Round T-Arm	3	10.154	17.160	0.67	19.50	0.000	0.000	334.57	0.00	0.00	750.00
174.0	Flat Low Profile Pla	1	10.291	17.393	1.00	26.10	0.000	0.000	453.94	0.00	0.00	1,500.00
180.0	10' Omni	1	10.537	17.808	1.00	3.00	0.000	9.000	53.42	0.00	480.82	10.00
180.0	Andrew ABT-DMDF-	1	10.457	17.672	1.00	0.05	0.000	4.000	0.88	0.00	3.53	1.10
180.0	Ericsson RRUS 11	6	10.457	17.672	0.67	12.02	0.000	4.000	212.42	0.00	849.68	300.00
180.0	Flat Low Profile Pla	1	10.392	17.562	1.00	26.10	0.000	0.000	458.36	0.00	0.00	1,500.00
180.0	KMW AM-X-CD-16-65-	3	10.457	17.672	0.66	16.35	0.000	4.000	289.03	0.00	1,156.12	145.50
180.0	Powerwave 7770.00	6	10.457	17.672	0.64	22.58	0.000	4.000	399.03	0.00	1,596.12	210.00
180.0	Powerwave LGP21401	6	10.457	17.672	0.33	2.55	0.000	4.000	45.14	0.00	180.56	84.60
									7,335.45			11,519.70

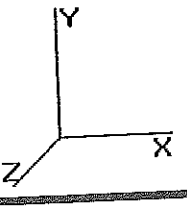


Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

Linear Appurtenance Segment Forces

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
1.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
1.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
1.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
1.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
2.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
2.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
2.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
2.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
2.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
3.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
3.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
3.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
3.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
3.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
4.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
4.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
4.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
4.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
4.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
5.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
5.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
5.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
5.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
5.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
6.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
6.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
6.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
6.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
6.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
7.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
7.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
7.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
7.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
7.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
8.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
8.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
8.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
9.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
9.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
9.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
9.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
9.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
10.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
10.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
10.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
10.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
10.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
11.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76

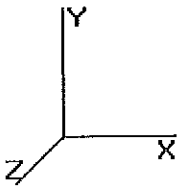


37 Iterations

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

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

11.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
11.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
11.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
11.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
12.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
12.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
12.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
12.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
12.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
13.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
13.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
13.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
13.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
13.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
14.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
14.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
14.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
14.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
14.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
15.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
15.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
15.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
15.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
15.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
16.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
16.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
16.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
17.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
17.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
17.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
17.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
17.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
18.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
18.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
18.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
18.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
18.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
19.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
19.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
19.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
19.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
19.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
20.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
20.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
20.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
20.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
20.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
21.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
21.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
21.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
21.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
21.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
22.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
22.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
22.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

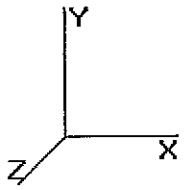
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

22.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
22.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
23.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
23.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
23.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
23.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
23.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
24.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
24.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
24.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
25.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
25.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
25.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
25.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
25.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
26.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
26.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
26.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
26.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
26.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
27.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
27.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
27.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
27.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
27.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
28.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
28.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
28.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
28.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
28.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
29.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
29.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
29.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
29.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
29.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
30.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
30.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
30.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
30.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
30.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
31.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
31.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
31.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
32.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
32.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
32.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
33.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.400	4.33	14.76
33.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.400	4.33	9.84
33.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
34.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.455	4.36	14.76
34.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.455	4.36	9.84
34.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.455	0.00	7.56

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

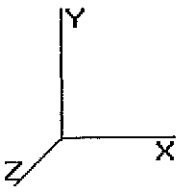
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.455	0.00	4.92
35.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.509	4.40	14.76
35.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.509	4.40	9.84
35.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.509	0.00	7.56
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.509	0.00	4.92
36.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.561	4.44	14.76
36.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.561	4.44	9.84
36.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.561	0.00	7.56
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.561	0.00	4.92
37.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.613	4.47	14.76
37.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.613	4.47	9.84
37.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.613	0.00	7.56
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.613	0.00	4.92
38.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.663	4.50	14.76
38.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.663	4.50	9.84
38.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.663	0.00	7.56
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.663	0.00	4.92
39.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.713	4.54	14.76
39.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.713	4.54	9.84
39.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.713	0.00	7.56
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.713	0.00	4.92
40.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.762	4.57	14.76
40.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.762	4.57	9.84
40.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.762	0.00	7.56
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.762	0.00	4.92
41.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.809	4.60	14.76
41.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.809	4.60	9.84
41.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.809	0.00	7.56
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.809	0.00	4.92
42.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.857	4.64	14.76
42.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.857	4.64	9.84
42.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.857	0.00	7.56
42.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.857	0.00	4.92
42.96	(18) 1 5/8" Coax	Yes	0.96	14.76	0.40	6.901	4.46	14.12
42.96	(12) 1 5/8" Coax	Yes	0.96	9.84	0.40	6.901	4.46	9.41
42.96	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	6.901	0.00	7.23
42.96	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	6.901	0.00	4.71
43.00	(18) 1 5/8" Coax	Yes	0.04	14.76	0.40	6.903	0.20	0.64
43.00	(12) 1 5/8" Coax	Yes	0.04	9.84	0.40	6.903	0.20	0.43
43.00	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	6.903	0.00	0.33
43.00	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	6.903	0.00	0.21
44.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.948	4.70	14.76
44.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.948	4.70	9.84
44.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.948	0.00	7.56
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.948	0.00	4.92
45.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	6.993	4.73	14.76
45.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	6.993	4.73	9.84
45.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.993	0.00	7.56
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.993	0.00	4.92
46.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.037	4.76	14.76
46.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.037	4.76	9.84
46.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.037	0.00	7.56
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.037	0.00	4.92
47.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.080	4.79	14.76
47.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.080	4.79	9.84
47.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.080	0.00	7.56
47.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.080	0.00	4.92

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

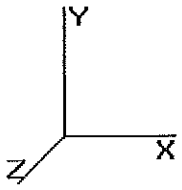
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

48.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.123	4.82	14.76
48.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.123	4.82	9.84
48.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.123	0.00	7.56
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.123	0.00	4.92
49.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.165	4.84	14.76
49.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.165	4.84	9.84
49.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.165	0.00	7.56
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.165	0.00	4.92
49.04	(18) 1 5/8" Coax	Yes	0.04	14.76	0.40	7.167	0.19	0.59
49.04	(12) 1 5/8" Coax	Yes	0.04	9.84	0.40	7.167	0.19	0.39
49.04	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	7.167	0.00	0.30
49.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	7.167	0.00	0.20
50.00	(18) 1 5/8" Coax	Yes	0.96	14.76	0.40	7.207	4.68	14.17
50.00	(12) 1 5/8" Coax	Yes	0.96	9.84	0.40	7.207	4.68	9.45
50.00	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	7.207	0.00	7.26
50.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	7.207	0.00	4.72
51.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.248	4.90	14.76
51.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.248	4.90	9.84
51.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.248	0.00	7.56
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.248	0.00	4.92
52.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.288	4.93	14.76
52.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.288	4.93	9.84
52.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.288	0.00	7.56
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.288	0.00	4.92
53.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.328	4.95	14.76
53.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.328	4.95	9.84
53.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.328	0.00	7.56
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.328	0.00	4.92
54.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.367	4.98	14.76
54.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.367	4.98	9.84
54.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.367	0.00	7.56
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.367	0.00	4.92
55.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.406	5.01	14.76
55.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.406	5.01	9.84
55.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.406	0.00	7.56
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.406	0.00	4.92
56.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.444	5.03	14.76
56.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.444	5.03	9.84
56.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.444	0.00	7.56
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.444	0.00	4.92
57.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.482	5.06	14.76
57.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.482	5.06	9.84
57.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.482	0.00	7.56
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.482	0.00	4.92
58.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.519	5.08	14.76
58.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.519	5.08	9.84
58.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.519	0.00	7.56
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.519	0.00	4.92
59.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.556	5.11	14.76
59.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.556	5.11	9.84
59.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.556	0.00	7.56
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.556	0.00	4.92
60.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.592	5.13	14.76
60.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.592	5.13	9.84
60.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.592	0.00	7.56
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.592	0.00	4.92
61.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.628	5.16	14.76

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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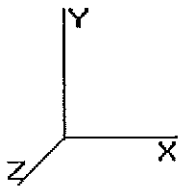
Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

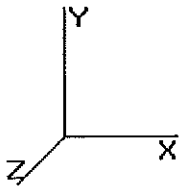
61.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.628	5.16	9.84
61.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.628	0.00	7.56
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.628	0.00	4.92
62.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.664	5.18	14.76
62.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.664	5.18	9.84
62.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.664	0.00	7.56
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.664	0.00	4.92
63.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.699	5.20	14.76
63.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.699	5.20	9.84
63.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.699	0.00	7.56
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.699	0.00	4.92
64.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.733	5.23	14.76
64.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.733	5.23	9.84
64.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.733	0.00	7.56
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.733	0.00	4.92
65.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.768	5.25	14.76
65.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.768	5.25	9.84
65.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.768	0.00	7.56
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.768	0.00	4.92
66.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.802	5.27	14.76
66.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.802	5.27	9.84
66.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.802	0.00	7.56
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.802	0.00	4.92
67.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.835	5.30	14.76
67.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.835	5.30	9.84
67.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.835	0.00	7.56
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.835	0.00	4.92
68.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.869	5.32	14.76
68.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.869	5.32	9.84
68.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.869	0.00	7.56
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.869	0.00	4.92
69.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.901	5.34	14.76
69.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.901	5.34	9.84
69.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.901	0.00	7.56
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.901	0.00	4.92
70.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.934	5.36	14.76
70.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.934	5.36	9.84
70.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.934	0.00	7.56
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.934	0.00	4.92
71.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.966	5.39	14.76
71.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.966	5.39	9.84
71.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.966	0.00	7.56
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.966	0.00	4.92
72.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	7.998	5.41	14.76
72.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	7.998	5.41	9.84
72.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.998	0.00	7.56
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.998	0.00	4.92
73.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.030	5.43	14.76
73.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.030	5.43	9.84
73.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.030	0.00	7.56
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.030	0.00	4.92
74.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.061	5.45	14.76
74.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.061	5.45	9.84
74.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.061	0.00	7.56
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.061	0.00	4.92
75.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.092	5.47	14.76
75.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.092	5.47	9.84



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

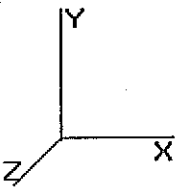
75.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.092	0.00	7.56
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.092	0.00	4.92
76.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.123	5.49	14.76
76.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.123	5.49	9.84
76.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.123	0.00	7.56
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.123	0.00	4.92
77.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.153	5.51	14.76
77.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.153	5.51	9.84
77.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.153	0.00	7.56
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.153	0.00	4.92
78.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.183	5.53	14.76
78.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.183	5.53	9.84
78.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.183	0.00	7.56
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.183	0.00	4.92
79.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.213	5.55	14.76
79.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.213	5.55	9.84
79.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.213	0.00	7.56
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.213	0.00	4.92
80.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.242	5.57	14.76
80.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.242	5.57	9.84
80.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.242	0.00	7.56
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.242	0.00	4.92
81.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.272	5.59	14.76
81.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.272	5.59	9.84
81.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.272	0.00	7.56
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.272	0.00	4.92
82.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.301	5.61	14.76
82.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.301	5.61	9.84
82.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.301	0.00	7.56
82.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.301	0.00	4.92
83.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.330	5.63	14.76
83.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.330	5.63	9.84
83.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.330	0.00	7.56
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.330	0.00	4.92
84.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.358	5.65	14.76
84.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.358	5.65	9.84
84.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.358	0.00	7.56
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.358	0.00	4.92
85.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.387	5.67	14.76
85.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.387	5.67	9.84
85.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.387	0.00	7.56
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.387	0.00	4.92
86.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.415	5.69	14.76
86.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.415	5.69	9.84
86.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.415	0.00	7.56
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.415	0.00	4.92
87.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.442	5.71	14.76
87.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.442	5.71	9.84
87.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.442	0.00	7.56
87.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.442	0.00	4.92
87.54	(18) 1 5/8" Coax	Yes	0.54	14.76	0.40	8.457	3.09	7.97
87.54	(12) 1 5/8" Coax	Yes	0.54	9.84	0.40	8.457	3.09	5.31
87.54	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	8.457	0.00	4.08
87.54	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	8.457	0.00	2.66
88.00	(18) 1 5/8" Coax	Yes	0.46	14.76	0.40	8.470	2.63	6.79
88.00	(12) 1 5/8" Coax	Yes	0.46	9.84	0.40	8.470	2.63	4.53
88.00	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	8.470	0.00	3.48



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

88.00	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	8.470	0.00	2.26
89.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.497	5.74	14.76
89.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.497	5.74	9.84
89.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.497	0.00	7.56
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.497	0.00	4.92
90.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.525	5.76	14.76
90.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.525	5.76	9.84
90.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.525	0.00	7.56
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.525	0.00	4.92
91.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.552	5.78	14.76
91.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.552	5.78	9.84
91.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.552	0.00	7.56
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.552	0.00	4.92
92.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.578	5.80	14.76
92.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.578	5.80	9.84
92.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.578	0.00	7.56
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.578	0.00	4.92
92.46	(18) 1 5/8" Coax	Yes	0.46	14.76	0.40	8.590	2.65	6.74
92.46	(12) 1 5/8" Coax	Yes	0.46	9.84	0.40	8.590	2.65	4.49
92.46	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	8.590	0.00	3.45
92.46	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	8.590	0.00	2.25
93.00	(18) 1 5/8" Coax	Yes	0.54	14.76	0.40	8.605	3.16	8.02
93.00	(12) 1 5/8" Coax	Yes	0.54	9.84	0.40	8.605	3.16	5.35
93.00	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	8.605	0.00	4.11
93.00	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	8.605	0.00	2.67
94.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.631	5.83	14.76
94.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.631	5.83	9.84
94.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.631	0.00	7.56
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.631	0.00	4.92
95.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.657	5.85	14.76
95.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.657	5.85	9.84
95.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.657	0.00	7.56
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.657	0.00	4.92
96.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.683	5.87	14.76
96.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.683	5.87	9.84
96.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.683	0.00	7.56
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.683	0.00	4.92
97.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.709	5.89	14.76
97.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.709	5.89	9.84
97.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.709	0.00	7.56
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.709	0.00	4.92
98.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.735	5.90	14.76
98.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.735	5.90	9.84
98.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.735	0.00	7.56
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.735	0.00	4.92
99.00	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.760	5.92	14.76
99.00	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.760	5.92	9.84
99.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.760	0.00	7.56
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.760	0.00	4.92
100.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.785	5.94	14.76
100.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.785	5.94	9.84
100.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.785	0.00	7.56
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.785	0.00	4.92
101.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.810	5.96	14.76
101.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.810	5.96	9.84
101.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.810	0.00	7.56
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.810	0.00	4.92

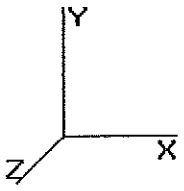


Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

102.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.835	5.97	14.76
102.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.835	5.97	9.84
102.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.835	0.00	7.56
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.835	0.00	4.92
103.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.860	5.99	14.76
103.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.860	5.99	9.84
103.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.860	0.00	7.56
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.860	0.00	4.92
104.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.884	6.01	14.76
104.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.884	6.01	9.84
104.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.884	0.00	7.56
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.884	0.00	4.92
105.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.908	6.02	14.76
105.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.908	6.02	9.84
105.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.908	0.00	7.56
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.908	0.00	4.92
106.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.933	6.04	14.76
106.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.933	6.04	9.84
106.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.933	0.00	7.56
107.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.957	6.05	14.76
107.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.957	6.05	9.84
107.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.957	0.00	7.56
108.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	8.980	6.07	14.76
108.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	8.980	6.07	9.84
108.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.980	0.00	7.56
109.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.004	6.09	14.76
109.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.004	6.09	9.84
109.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.004	0.00	7.56
110.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.028	6.10	14.76
110.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.028	6.10	9.84
110.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.028	0.00	7.56
111.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.051	6.12	14.76
111.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.051	6.12	9.84
111.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.051	0.00	7.56
112.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.074	6.13	14.76
112.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.074	6.13	9.84
112.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.074	0.00	7.56
113.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.097	6.15	14.76
113.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.097	6.15	9.84
113.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.097	0.00	7.56
114.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.120	6.17	14.76
114.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.120	6.17	9.84
114.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.120	0.00	7.56
114.5	(18) 1 5/8" Coax	Yes	0.50	14.76	0.40	9.132	3.09	7.38
114.5	(12) 1 5/8" Coax	Yes	0.50	9.84	0.40	9.132	3.09	4.92
114.5	(12) 1 1/4" Coax	Yes	0.50	7.56	0.00	9.132	0.00	3.78
115.0	(18) 1 5/8" Coax	Yes	0.50	14.76	0.40	9.143	3.09	7.38
115.0	(12) 1 5/8" Coax	Yes	0.50	9.84	0.40	9.143	3.09	4.92
116.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.166	6.20	14.76
116.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.166	6.20	9.84
117.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.188	6.21	14.76
117.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.188	6.21	9.84
118.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.211	6.23	14.76
118.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.211	6.23	9.84
119.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.233	6.24	14.76
119.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.233	6.24	9.84
120.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.255	6.26	14.76

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:47 PM
Location :	Winchester CT 3, CT		Page: 75
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		

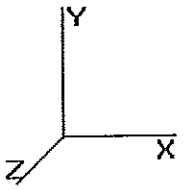


Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

120.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.255		6.26	9.84
121.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.277		6.27	14.76
121.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.277		6.27	9.84
122.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.299		6.29	14.76
122.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.299		6.29	9.84
123.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.320		6.30	14.76
123.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.320		6.30	9.84
124.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.342		6.32	14.76
124.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.342		6.32	9.84
125.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.363		6.33	14.76
125.0	(12) 1 5/8" Coax	Yes	1.00	9.84	0.40	9.363		6.33	9.84
126.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.385		6.34	14.76
127.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.406		6.36	14.76
128.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.427		6.37	14.76
129.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.448		6.39	14.76
130.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.469		6.40	14.76
131.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.490		6.42	14.76
132.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.510		6.43	14.76
132.1	(18) 1 5/8" Coax	Yes	0.12	14.76	0.40	9.513		0.77	1.77
133.0	(18) 1 5/8" Coax	Yes	0.88	14.76	0.40	9.531		5.67	12.99
134.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.551		6.46	14.76
135.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.572		6.47	14.76
135.8	(18) 1 5/8" Coax	Yes	0.87	14.76	0.40	9.589		5.64	12.84
136.0	(18) 1 5/8" Coax	Yes	0.13	14.76	0.40	9.592		0.84	1.92
137.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.612		6.50	14.76
138.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.632		6.51	14.76
139.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.652		6.52	14.76
140.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.672		6.54	14.76
141.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.691		6.55	14.76
142.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.711		6.56	14.76
143.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.730		6.58	14.76
144.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.750		6.59	14.76
145.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.769		6.60	14.76
146.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.788		6.62	14.76
147.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.807		6.63	14.76
148.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.826		6.64	14.76
149.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.845		6.66	14.76
150.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.864		6.67	14.76
151.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.883		6.68	14.76
152.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.902		6.69	14.76
153.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.920		6.71	14.76
154.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.939		6.72	14.76
155.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.957		6.73	14.76
156.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.975		6.74	14.76
157.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	9.994		6.76	14.76
158.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.012		6.77	14.76
159.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.030		6.78	14.76
160.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.048		6.79	14.76
161.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.066		6.80	14.76
162.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.083		6.82	14.76
163.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.101		6.83	14.76
164.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.119		6.84	14.76
165.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.136		6.85	14.76
166.0	(18) 1 5/8" Coax	Yes	1.00	14.76	0.40	10.154		6.86	14.76
							Totals:	1,567.30	5,072.28

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:47 PM
Location :	Winchester CT 3, CT		Page: 76
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

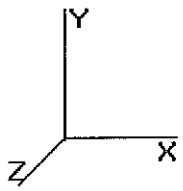
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	39.49	320.22	0.00	0.00
2.00	39.36	319.18	0.00	0.00
3.00	39.24	318.14	0.00	0.00
4.00	39.11	317.11	0.00	0.00
5.00	38.98	316.07	0.00	0.00
6.00	38.85	315.03	0.00	0.00
7.00	38.72	314.00	0.00	0.00
8.00	38.59	312.96	0.00	0.00
9.00	38.46	311.92	0.00	0.00
10.00	38.34	310.89	0.00	0.00
11.00	38.21	309.85	0.00	0.00
12.00	38.08	308.81	0.00	0.00
13.00	37.95	307.78	0.00	0.00
14.00	37.82	306.74	0.00	0.00
15.00	37.69	305.70	0.00	0.00
16.00	37.56	304.67	0.00	0.00
17.00	37.44	303.63	0.00	0.00
18.00	37.31	302.59	0.00	0.00
19.00	37.18	301.55	0.00	0.00
20.00	37.05	300.52	0.00	0.00
21.00	36.92	299.48	0.00	0.00
22.00	36.79	298.44	0.00	0.00
23.00	36.66	297.41	0.00	0.00
24.00	36.54	296.37	0.00	0.00
25.00	36.41	295.33	0.00	0.00
26.00	36.28	294.30	0.00	0.00
27.00	36.15	293.26	0.00	0.00
28.00	36.02	292.22	0.00	0.00
29.00	35.89	291.19	0.00	0.00
30.00	46.58	300.15	0.00	5.41
31.00	35.64	288.78	0.00	0.00
32.00	35.51	287.75	0.00	0.00
33.00	35.38	286.71	0.00	0.00
34.00	35.55	285.67	0.00	0.00
35.00	35.72	284.63	0.00	0.00
36.00	35.87	283.60	0.00	0.00
37.00	36.02	282.56	0.00	0.00
38.00	36.16	281.52	0.00	0.00
39.00	36.30	280.49	0.00	0.00
40.00	36.43	279.45	0.00	0.00
41.00	36.55	278.41	0.00	0.00
42.00	36.66	277.38	0.00	0.00
42.96	35.17	264.36	0.00	0.00
43.00	1.61	19.67	0.00	0.00
44.00	37.35	451.80	0.00	0.00
45.00	37.45	449.87	0.00	0.00
46.00	37.55	447.95	0.00	0.00
47.00	37.64	446.02	0.00	0.00
48.00	37.72	444.10	0.00	0.00

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

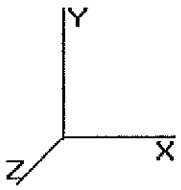
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

49.00	37.80	442.17	0.00	0.00
49.04	1.51	17.60	0.00	0.00
50.00	36.36	234.62	0.00	0.00
51.00	37.94	243.50	0.00	0.00
52.00	38.01	242.62	0.00	0.00
53.00	38.07	241.73	0.00	0.00
54.00	38.12	240.84	0.00	0.00
55.00	38.17	239.95	0.00	0.00
56.00	38.22	239.06	0.00	0.00
57.00	38.26	238.17	0.00	0.00
58.00	38.30	237.28	0.00	0.00
59.00	38.34	236.39	0.00	0.00
60.00	38.37	235.51	0.00	0.00
61.00	38.40	234.62	0.00	0.00
62.00	38.43	233.73	0.00	0.00
63.00	38.45	232.84	0.00	0.00
64.00	38.46	231.95	0.00	0.00
65.00	38.48	231.06	0.00	0.00
66.00	38.49	230.17	0.00	0.00
67.00	38.50	229.28	0.00	0.00
68.00	38.50	228.40	0.00	0.00
69.00	38.51	227.51	0.00	0.00
70.00	38.51	226.62	0.00	0.00
71.00	38.50	225.73	0.00	0.00
72.00	38.50	224.84	0.00	0.00
73.00	38.49	223.95	0.00	0.00
74.00	38.47	223.06	0.00	0.00
75.00	38.46	222.17	0.00	0.00
76.00	38.44	221.29	0.00	0.00
77.00	38.42	220.40	0.00	0.00
78.00	39.64	220.11	0.00	0.00
79.00	38.38	218.47	0.00	0.00
80.00	38.35	217.58	0.00	0.00
81.00	38.32	216.69	0.00	0.00
82.00	38.29	215.80	0.00	0.00
83.00	38.25	214.91	0.00	0.00
84.00	38.21	214.03	0.00	0.00
85.00	38.18	213.14	0.00	0.00
86.00	38.13	212.25	0.00	0.00
87.00	38.09	211.36	0.00	0.00
87.54	20.53	113.74	0.00	0.00
88.00	17.71	150.38	0.00	0.00
89.00	38.48	325.65	0.00	0.00
90.00	38.44	324.03	0.00	0.00
91.00	38.39	322.40	0.00	0.00
92.00	38.33	320.77	0.00	0.00
92.46	17.47	145.91	0.00	0.00
93.00	20.78	101.09	0.00	0.00
94.00	38.22	185.45	0.00	0.00
95.00	157.06	374.71	0.00	0.00
96.00	38.10	183.16	0.00	0.00
97.00	38.04	182.42	0.00	0.00
98.00	37.98	181.68	0.00	0.00
99.00	37.91	180.94	0.00	0.00
100.0	37.85	180.20	0.00	0.00
101.0	37.78	179.45	0.00	0.00
102.0	37.71	178.71	0.00	0.00

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

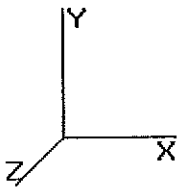
Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

103.0	37.63	177.97	0.00	0.00
104.0	37.56	177.23	0.00	0.00
105.0	223.93	255.69	0.00	0.00
106.0	37.40	170.83	0.00	0.00
107.0	37.32	170.09	0.00	0.00
108.0	37.24	169.35	0.00	0.00
109.0	37.16	168.61	0.00	0.00
110.0	37.08	167.87	0.00	0.00
111.0	36.99	167.13	0.00	0.00
112.0	36.90	166.39	0.00	0.00
113.0	36.81	165.65	0.00	0.00
114.0	36.72	164.91	0.00	0.00
114.5	857.45	1,750.18	0.00	0.00
115.0	18.29	78.21	0.00	0.00
116.0	36.54	155.87	0.00	0.00
117.0	36.44	155.12	0.00	0.00
118.0	36.35	154.38	0.00	0.00
119.0	36.25	153.64	0.00	0.00
120.0	36.15	152.90	0.00	0.00
121.0	36.05	152.16	0.00	0.00
122.0	35.95	151.42	0.00	0.00
123.0	35.85	150.68	0.00	0.00
124.0	35.74	149.94	0.00	0.00
125.0	1,532.62	1,901.80	0.00	0.00
126.0	29.18	138.62	0.00	0.00
127.0	29.06	137.88	0.00	0.00
128.0	28.94	137.14	0.00	0.00
129.0	28.81	136.40	0.00	0.00
130.0	28.68	135.66	0.00	0.00
131.0	28.56	134.92	0.00	0.00
132.0	190.20	451.57	0.00	0.00
132.1	3.39	16.02	0.00	0.00
133.0	25.19	162.37	0.00	0.00
134.0	974.86	1,905.35	0.00	0.00
135.0	28.36	171.79	0.00	0.00
135.8	24.56	148.46	0.00	0.00
136.0	3.66	11.61	0.00	0.00
137.0	28.10	88.90	0.00	0.00
138.0	27.96	88.45	0.00	0.00
139.0	27.82	88.01	0.00	0.00
140.0	535.21	758.06	0.00	1,742.89
141.0	27.55	81.56	0.00	0.00
142.0	27.41	81.11	0.00	0.00
143.0	27.27	80.67	0.00	0.00
144.0	27.13	80.23	0.00	0.00
145.0	26.98	79.78	0.00	0.00
146.0	26.84	79.34	0.00	0.00
147.0	26.70	78.89	0.00	0.00
148.0	26.55	78.45	0.00	0.00
149.0	26.40	78.00	0.00	0.00
150.0	154.33	243.56	0.00	115.27
151.0	26.11	76.29	0.00	0.00
152.0	25.96	75.85	0.00	0.00
153.0	25.81	75.41	0.00	0.00
154.0	25.66	74.96	0.00	0.00
155.0	25.50	74.52	0.00	0.00
156.0	25.35	74.07	0.00	0.00



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

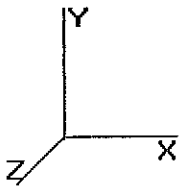
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

157.0		25.20	73.63	0.00	0.00
158.0		25.04	73.18	0.00	0.00
159.0		24.88	72.74	0.00	0.00
160.0		24.73	72.30	0.00	0.00
161.0		24.57	71.85	0.00	0.00
162.0		24.41	71.41	0.00	0.00
163.0		24.25	70.96	0.00	0.00
164.0		24.09	70.52	0.00	0.00
165.0		23.93	70.07	0.00	0.00
166.0		1,049.73	1,261.83	0.00	0.00
167.0		16.73	54.42	0.00	0.00
168.0		16.55	53.98	0.00	0.00
169.0		16.37	53.54	0.00	0.00
170.0		16.19	53.09	0.00	0.00
171.0		16.02	52.65	0.00	0.00
172.0		15.84	52.20	0.00	0.00
173.0		15.66	51.76	0.00	0.00
174.0		469.42	1,551.31	0.00	0.00
175.0		15.29	50.87	0.00	0.00
176.0		15.11	50.43	0.00	0.00
177.0		14.93	49.98	0.00	0.00
178.0		14.74	49.54	0.00	0.00
179.0		14.56	49.09	0.00	0.00
180.0		1,472.66	2,299.85	0.00	4,266.83
	Totals:	13,343.46	47,561.43	0.00	6,130.39

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

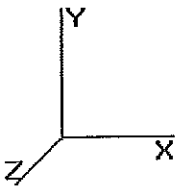
Calculated Shaft Forces and Deflections

Seg Elev (ft)	Lateral FX (-) (kips)	Axial FY (-) (kips)	Lateral FZ (kips)	Moment MX (ft-kips)	Torsion MY (ft-kips)	Moment MZ (ft-kips)	X Deflect (in)	Z Deflect (in)	Total Deflect (in)	Rotation (deg)
0.00	-13.350	-47.559	0.000	0.000	0.000	-1,663.689	0.000	0.000	0.000	0.000
1.00	-13.326	-47.234	0.000	0.000	0.000	-1,650.340	-0.002	0.000	0.002	-0.019
2.00	-13.302	-46.911	0.000	0.000	0.000	-1,637.014	-0.008	0.000	0.008	-0.038
3.00	-13.278	-46.588	0.000	0.000	0.000	-1,623.713	-0.018	0.000	0.018	-0.057
4.00	-13.254	-46.267	0.000	0.000	0.000	-1,610.436	-0.032	0.000	0.032	-0.076
5.00	-13.230	-45.946	0.000	0.000	0.000	-1,597.182	-0.050	0.000	0.050	-0.095
6.00	-13.205	-45.627	0.000	0.000	0.000	-1,583.953	-0.072	0.000	0.072	-0.114
7.00	-13.181	-45.309	0.000	0.000	0.000	-1,570.748	-0.098	0.000	0.098	-0.133
8.00	-13.157	-44.991	0.000	0.000	0.000	-1,557.567	-0.128	0.000	0.128	-0.153
9.00	-13.133	-44.675	0.000	0.000	0.000	-1,544.410	-0.162	0.000	0.162	-0.172
10.00	-13.109	-44.360	0.000	0.000	0.000	-1,531.277	-0.201	0.000	0.201	-0.192
11.00	-13.085	-44.046	0.000	0.000	0.000	-1,518.169	-0.243	0.000	0.243	-0.211
12.00	-13.061	-43.732	0.000	0.000	0.000	-1,505.084	-0.289	0.000	0.289	-0.231
13.00	-13.036	-43.420	0.000	0.000	0.000	-1,492.024	-0.340	0.000	0.340	-0.251
14.00	-13.012	-43.109	0.000	0.000	0.000	-1,478.988	-0.395	0.000	0.395	-0.271
15.00	-12.988	-42.799	0.000	0.000	0.000	-1,465.976	-0.454	0.000	0.454	-0.291
16.00	-12.964	-42.490	0.000	0.000	0.000	-1,452.988	-0.517	0.000	0.517	-0.311
17.00	-12.939	-42.182	0.000	0.000	0.000	-1,440.025	-0.584	0.000	0.584	-0.331
18.00	-12.915	-41.875	0.000	0.000	0.000	-1,427.086	-0.656	0.000	0.656	-0.351
19.00	-12.891	-41.569	0.000	0.000	0.000	-1,414.171	-0.732	0.000	0.732	-0.372
20.00	-12.867	-41.264	0.000	0.000	0.000	-1,401.281	-0.812	0.000	0.812	-0.392
21.00	-12.842	-40.961	0.000	0.000	0.000	-1,388.414	-0.896	0.000	0.896	-0.413
22.00	-12.818	-40.658	0.000	0.000	0.000	-1,375.572	-0.985	0.000	0.985	-0.433
23.00	-12.794	-40.356	0.000	0.000	0.000	-1,362.754	-1.078	0.000	1.078	-0.454
24.00	-12.769	-40.055	0.000	0.000	0.000	-1,349.961	-1.176	0.000	1.176	-0.475
25.00	-12.745	-39.756	0.000	0.000	0.000	-1,337.192	-1.277	0.000	1.277	-0.496
26.00	-12.721	-39.457	0.000	0.000	0.000	-1,324.447	-1.384	0.000	1.384	-0.517
27.00	-12.696	-39.159	0.000	0.000	0.000	-1,311.727	-1.494	0.000	1.494	-0.538
28.00	-12.672	-38.863	0.000	0.000	0.000	-1,299.031	-1.609	0.000	1.609	-0.559
29.00	-12.647	-38.567	0.000	0.000	0.000	-1,286.359	-1.729	0.000	1.729	-0.580
30.00	-12.612	-38.263	0.000	0.000	0.000	-1,273.707	-1.853	0.000	1.853	-0.602
31.00	-12.588	-37.970	0.000	0.000	0.000	-1,261.095	-1.981	0.000	1.981	-0.623
32.00	-12.563	-37.678	0.000	0.000	0.000	-1,248.507	-2.114	0.000	2.114	-0.645
33.00	-12.539	-37.387	0.000	0.000	0.000	-1,235.945	-2.252	0.000	2.252	-0.667
34.00	-12.514	-37.097	0.000	0.000	0.000	-1,223.406	-2.394	0.000	2.394	-0.688
35.00	-12.489	-36.808	0.000	0.000	0.000	-1,210.893	-2.540	0.000	2.540	-0.710
36.00	-12.463	-36.520	0.000	0.000	0.000	-1,198.404	-2.691	0.000	2.691	-0.732
37.00	-12.438	-36.233	0.000	0.000	0.000	-1,185.941	-2.847	0.000	2.847	-0.754
38.00	-12.412	-35.947	0.000	0.000	0.000	-1,173.504	-3.008	0.000	3.008	-0.776
39.00	-12.385	-35.662	0.000	0.000	0.000	-1,161.092	-3.173	0.000	3.173	-0.799
40.00	-12.359	-35.379	0.000	0.000	0.000	-1,148.707	-3.343	0.000	3.343	-0.821
41.00	-12.332	-35.096	0.000	0.000	0.000	-1,136.348	-3.517	0.000	3.517	-0.844
42.00	-12.305	-34.815	0.000	0.000	0.000	-1,124.016	-3.696	0.000	3.696	-0.866
42.96	-12.272	-34.548	0.000	0.000	0.000	-1,112.246	-3.872	0.000	3.872	-0.888
43.00	-12.278	-34.526	0.000	0.000	0.000	-1,111.713	-3.880	0.000	3.880	-0.889
44.00	-12.247	-34.070	0.000	0.000	0.000	-1,099.436	-4.069	0.000	4.069	-0.911
45.00	-12.215	-33.616	0.000	0.000	0.000	-1,087.190	-4.262	0.000	4.262	-0.934
46.00	-12.184	-33.164	0.000	0.000	0.000	-1,074.974	-4.461	0.000	4.461	-0.957
47.00	-12.152	-32.714	0.000	0.000	0.000	-1,062.791	-4.664	0.000	4.664	-0.980
48.00	-12.120	-32.265	0.000	0.000	0.000	-1,050.639	-4.872	0.000	4.872	-1.003
49.00	-12.081	-31.821	0.000	0.000	0.000	-1,038.520	-5.084	0.000	5.084	-1.027

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

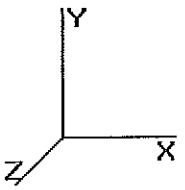
Base Elev : 0.000 (ft)



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

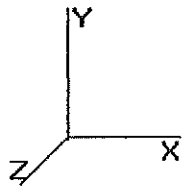
49.04	-12.085	-31.801	0.000	0.000	0.000	-1,038.038	-5.093	0.000	5.093	-1.028
50.00	-12.058	-31.562	0.000	0.000	0.000	-1,026.435	-5.302	0.000	5.302	-1.050
51.00	-12.030	-31.314	0.000	0.000	0.000	-1,014.378	-5.525	0.000	5.525	-1.076
52.00	-12.001	-31.067	0.000	0.000	0.000	-1,002.348	-5.753	0.000	5.753	-1.102
53.00	-11.972	-30.820	0.000	0.000	0.000	-990.348	-5.987	0.000	5.987	-1.128
54.00	-11.943	-30.575	0.000	0.000	0.000	-978.376	-6.226	0.000	6.226	-1.154
55.00	-11.914	-30.330	0.000	0.000	0.000	-966.433	-6.470	0.000	6.470	-1.180
56.00	-11.885	-30.087	0.000	0.000	0.000	-954.519	-6.720	0.000	6.720	-1.206
57.00	-11.855	-29.844	0.000	0.000	0.000	-942.634	-6.976	0.000	6.976	-1.232
58.00	-11.825	-29.602	0.000	0.000	0.000	-930.779	-7.237	0.000	7.237	-1.259
59.00	-11.796	-29.361	0.000	0.000	0.000	-918.954	-7.504	0.000	7.504	-1.285
60.00	-11.765	-29.121	0.000	0.000	0.000	-907.159	-7.776	0.000	7.776	-1.312
61.00	-11.735	-28.882	0.000	0.000	0.000	-895.394	-8.053	0.000	8.053	-1.339
62.00	-11.705	-28.644	0.000	0.000	0.000	-883.659	-8.337	0.000	8.337	-1.366
63.00	-11.674	-28.406	0.000	0.000	0.000	-871.955	-8.626	0.000	8.626	-1.393
64.00	-11.643	-28.170	0.000	0.000	0.000	-860.281	-8.921	0.000	8.921	-1.420
65.00	-11.612	-27.934	0.000	0.000	0.000	-848.639	-9.221	0.000	9.221	-1.447
66.00	-11.581	-27.700	0.000	0.000	0.000	-837.027	-9.527	0.000	9.527	-1.474
67.00	-11.550	-27.466	0.000	0.000	0.000	-825.446	-9.839	0.000	9.839	-1.501
68.00	-11.518	-27.233	0.000	0.000	0.000	-813.897	-10.156	0.000	10.156	-1.528
69.00	-11.486	-27.001	0.000	0.000	0.000	-802.379	-10.479	0.000	10.479	-1.556
70.00	-11.454	-26.771	0.000	0.000	0.000	-790.893	-10.808	0.000	10.808	-1.583
71.00	-11.423	-26.540	0.000	0.000	0.000	-779.439	-11.143	0.000	11.143	-1.611
72.00	-11.390	-26.311	0.000	0.000	0.000	-768.017	-11.483	0.000	11.483	-1.639
73.00	-11.358	-26.083	0.000	0.000	0.000	-756.627	-11.829	0.000	11.829	-1.666
74.00	-11.326	-25.856	0.000	0.000	0.000	-745.269	-12.181	0.000	12.181	-1.694
75.00	-11.293	-25.629	0.000	0.000	0.000	-733.944	-12.539	0.000	12.539	-1.722
76.00	-11.260	-25.404	0.000	0.000	0.000	-722.651	-12.903	0.000	12.903	-1.750
77.00	-11.228	-25.179	0.000	0.000	0.000	-711.391	-13.273	0.000	13.273	-1.778
78.00	-11.193	-24.955	0.000	0.000	0.000	-700.164	-13.648	0.000	13.648	-1.806
79.00	-11.160	-24.732	0.000	0.000	0.000	-688.971	-14.029	0.000	14.029	-1.834
80.00	-11.127	-24.511	0.000	0.000	0.000	-677.811	-14.417	0.000	14.417	-1.862
81.00	-11.093	-24.290	0.000	0.000	0.000	-666.684	-14.810	0.000	14.810	-1.891
82.00	-11.060	-24.070	0.000	0.000	0.000	-655.591	-15.209	0.000	15.209	-1.919
83.00	-11.026	-23.851	0.000	0.000	0.000	-644.531	-15.614	0.000	15.614	-1.947
84.00	-10.993	-23.633	0.000	0.000	0.000	-633.505	-16.025	0.000	16.025	-1.976
85.00	-10.959	-23.416	0.000	0.000	0.000	-622.513	-16.442	0.000	16.442	-2.004
86.00	-10.925	-23.200	0.000	0.000	0.000	-611.555	-16.865	0.000	16.865	-2.033
87.00	-10.888	-22.985	0.000	0.000	0.000	-600.631	-17.294	0.000	17.294	-2.061
87.54	-10.869	-22.870	0.000	0.000	0.000	-594.752	-17.528	0.000	17.528	-2.077
88.00	-10.854	-22.716	0.000	0.000	0.000	-589.752	-17.728	0.000	17.728	-2.090
89.00	-10.815	-22.387	0.000	0.000	0.000	-578.898	-18.169	0.000	18.169	-2.119
90.00	-10.775	-22.059	0.000	0.000	0.000	-568.084	-18.616	0.000	18.616	-2.147
91.00	-10.736	-21.733	0.000	0.000	0.000	-557.308	-19.069	0.000	19.069	-2.176
92.00	-10.693	-21.410	0.000	0.000	0.000	-546.573	-19.528	0.000	19.528	-2.204
92.46	-10.675	-21.262	0.000	0.000	0.000	-541.691	-19.739	0.000	19.739	-2.218
93.00	-10.659	-21.158	0.000	0.000	0.000	-535.890	-19.993	0.000	19.993	-2.233
94.00	-10.626	-20.968	0.000	0.000	0.000	-525.231	-20.464	0.000	20.464	-2.266
95.00	-10.466	-20.594	0.000	0.000	0.000	-514.605	-20.942	0.000	20.942	-2.298
96.00	-10.432	-20.406	0.000	0.000	0.000	-504.140	-21.427	0.000	21.427	-2.330
97.00	-10.398	-20.220	0.000	0.000	0.000	-493.709	-21.918	0.000	21.918	-2.362
98.00	-10.363	-20.034	0.000	0.000	0.000	-483.312	-22.416	0.000	22.416	-2.395
99.00	-10.329	-19.849	0.000	0.000	0.000	-472.949	-22.921	0.000	22.921	-2.427
100.0	-10.295	-19.665	0.000	0.000	0.000	-462.620	-23.433	0.000	23.433	-2.459
101.0	-10.260	-19.481	0.000	0.000	0.000	-452.326	-23.952	0.000	23.952	-2.491
102.0	-10.225	-19.299	0.000	0.000	0.000	-442.066	-24.477	0.000	24.477	-2.523
103.0	-10.190	-19.117	0.000	0.000	0.000	-431.841	-25.009	0.000	25.009	-2.555



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

104.0	-10.155	-18.936	0.000	0.000	0.000	-421.651	-25.547	0.000	25.547	-2.587
105.0	-9.931	-18.685	0.000	0.000	0.000	-411.496	-26.092	0.000	26.092	-2.619
106.0	-9.896	-18.511	0.000	0.000	0.000	-401.566	-26.644	0.000	26.644	-2.650
107.0	-9.860	-18.337	0.000	0.000	0.000	-391.670	-27.203	0.000	27.203	-2.682
108.0	-9.825	-18.165	0.000	0.000	0.000	-381.810	-27.768	0.000	27.768	-2.713
109.0	-9.790	-17.993	0.000	0.000	0.000	-371.985	-28.339	0.000	28.339	-2.745
110.0	-9.754	-17.821	0.000	0.000	0.000	-362.196	-28.918	0.000	28.918	-2.776
111.0	-9.719	-17.651	0.000	0.000	0.000	-352.442	-29.502	0.000	29.502	-2.807
112.0	-9.683	-17.481	0.000	0.000	0.000	-342.723	-30.094	0.000	30.094	-2.838
113.0	-9.648	-17.313	0.000	0.000	0.000	-333.040	-30.691	0.000	30.691	-2.869
114.0	-9.609	-17.146	0.000	0.000	0.000	-323.393	-31.295	0.000	31.295	-2.899
114.5	-8.668	-15.439	0.000	0.000	0.000	-318.588	-31.600	0.000	31.600	-2.914
115.0	-8.652	-15.359	0.000	0.000	0.000	-314.254	-31.905	0.000	31.905	-2.930
116.0	-8.616	-15.200	0.000	0.000	0.000	-305.602	-32.522	0.000	32.522	-2.960
117.0	-8.579	-15.043	0.000	0.000	0.000	-296.986	-33.145	0.000	33.145	-2.990
118.0	-8.542	-14.886	0.000	0.000	0.000	-288.408	-33.774	0.000	33.774	-3.020
119.0	-8.506	-14.730	0.000	0.000	0.000	-279.865	-34.410	0.000	34.410	-3.049
120.0	-8.469	-14.575	0.000	0.000	0.000	-271.360	-35.052	0.000	35.052	-3.079
121.0	-8.432	-14.421	0.000	0.000	0.000	-262.891	-35.699	0.000	35.699	-3.108
122.0	-8.395	-14.267	0.000	0.000	0.000	-254.459	-36.353	0.000	36.353	-3.137
123.0	-8.358	-14.115	0.000	0.000	0.000	-246.064	-37.013	0.000	37.013	-3.166
124.0	-8.321	-13.963	0.000	0.000	0.000	-237.706	-37.679	0.000	37.679	-3.194
125.0	-6.690	-12.147	0.000	0.000	0.000	-229.386	-38.351	0.000	38.351	-3.222
126.0	-6.659	-12.007	0.000	0.000	0.000	-222.696	-39.029	0.000	39.029	-3.250
127.0	-6.628	-11.867	0.000	0.000	0.000	-216.037	-39.712	0.000	39.712	-3.278
128.0	-6.597	-11.729	0.000	0.000	0.000	-209.409	-40.401	0.000	40.401	-3.306
129.0	-6.566	-11.591	0.000	0.000	0.000	-202.812	-41.096	0.000	41.096	-3.333
130.0	-6.535	-11.455	0.000	0.000	0.000	-196.246	-41.797	0.000	41.797	-3.360
131.0	-6.504	-11.318	0.000	0.000	0.000	-189.712	-42.504	0.000	42.504	-3.388
132.0	-6.290	-10.877	0.000	0.000	0.000	-183.208	-43.216	0.000	43.216	-3.414
132.1	-6.288	-10.860	0.000	0.000	0.000	-182.455	-43.301	0.000	43.301	-3.418
133.0	-6.258	-10.697	0.000	0.000	0.000	-176.920	-43.933	0.000	43.933	-3.441
134.0	-5.174	-8.851	0.000	0.000	0.000	-170.662	-44.657	0.000	44.657	-3.468
135.0	-5.139	-8.679	0.000	0.000	0.000	-165.488	-45.385	0.000	45.385	-3.494
135.8	-5.107	-8.531	0.000	0.000	0.000	-161.019	-46.024	0.000	46.024	-3.517
136.0	-5.106	-8.518	0.000	0.000	0.000	-160.354	-46.120	0.000	46.120	-3.520
137.0	-5.079	-8.427	0.000	0.000	0.000	-155.247	-46.861	0.000	46.861	-3.561
138.0	-5.051	-8.337	0.000	0.000	0.000	-150.169	-47.611	0.000	47.611	-3.601
139.0	-5.024	-8.248	0.000	0.000	0.000	-145.118	-48.369	0.000	48.369	-3.642
140.0	-4.446	-7.522	0.000	0.000	0.000	-138.351	-49.136	0.000	49.136	-3.682
141.0	-4.419	-7.440	0.000	0.000	0.000	-133.905	-49.911	0.000	49.911	-3.721
142.0	-4.391	-7.358	0.000	0.000	0.000	-129.486	-50.694	0.000	50.694	-3.760
143.0	-4.364	-7.276	0.000	0.000	0.000	-125.095	-51.485	0.000	51.485	-3.799
144.0	-4.336	-7.195	0.000	0.000	0.000	-120.732	-52.284	0.000	52.284	-3.837
145.0	-4.308	-7.114	0.000	0.000	0.000	-116.396	-53.092	0.000	53.092	-3.876
146.0	-4.281	-7.034	0.000	0.000	0.000	-112.087	-53.907	0.000	53.907	-3.914
147.0	-4.254	-6.954	0.000	0.000	0.000	-107.806	-54.730	0.000	54.730	-3.951
148.0	-4.226	-6.875	0.000	0.000	0.000	-103.553	-55.561	0.000	55.561	-3.988
149.0	-4.199	-6.797	0.000	0.000	0.000	-99.327	-56.400	0.000	56.400	-4.025
150.0	-4.032	-6.562	0.000	0.000	0.000	-95.013	-57.246	0.000	57.246	-4.062
151.0	-4.004	-6.485	0.000	0.000	0.000	-90.982	-58.100	0.000	58.100	-4.098
152.0	-3.977	-6.409	0.000	0.000	0.000	-86.978	-58.962	0.000	58.962	-4.133
153.0	-3.950	-6.333	0.000	0.000	0.000	-83.001	-59.831	0.000	59.831	-4.168
154.0	-3.922	-6.258	0.000	0.000	0.000	-79.051	-60.707	0.000	60.707	-4.202
155.0	-3.895	-6.183	0.000	0.000	0.000	-75.129	-61.590	0.000	61.590	-4.236
156.0	-3.868	-6.109	0.000	0.000	0.000	-71.234	-62.480	0.000	62.480	-4.269
157.0	-3.840	-6.035	0.000	0.000	0.000	-67.367	-63.377	0.000	63.377	-4.302



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

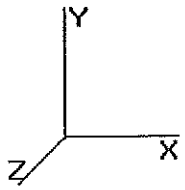
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

158.0	-3.813	-5.962	0.000	0.000	0.000	-63.527	-64.281	0.000	64.281	-4.333
159.0	-3.786	-5.890	0.000	0.000	0.000	-59.713	-65.191	0.000	65.191	-4.364
160.0	-3.759	-5.818	0.000	0.000	0.000	-55.927	-66.107	0.000	66.107	-4.394
161.0	-3.732	-5.746	0.000	0.000	0.000	-52.169	-67.030	0.000	67.030	-4.423
162.0	-3.705	-5.675	0.000	0.000	0.000	-48.437	-67.959	0.000	67.959	-4.451
163.0	-3.678	-5.604	0.000	0.000	0.000	-44.732	-68.893	0.000	68.893	-4.477
164.0	-3.650	-5.534	0.000	0.000	0.000	-41.055	-69.833	0.000	69.833	-4.503
165.0	-3.623	-5.465	0.000	0.000	0.000	-37.405	-70.778	0.000	70.778	-4.527
166.0	-2.479	-4.289	0.000	0.000	0.000	-33.782	-71.727	0.000	71.727	-4.550
167.0	-2.459	-4.235	0.000	0.000	0.000	-31.303	-72.682	0.000	72.682	-4.571
168.0	-2.440	-4.182	0.000	0.000	0.000	-28.844	-73.641	0.000	73.641	-4.592
169.0	-2.421	-4.129	0.000	0.000	0.000	-26.404	-74.603	0.000	74.603	-4.612
170.0	-2.402	-4.077	0.000	0.000	0.000	-23.984	-75.570	0.000	75.570	-4.630
171.0	-2.383	-4.025	0.000	0.000	0.000	-21.582	-76.541	0.000	76.541	-4.648
172.0	-2.364	-3.973	0.000	0.000	0.000	-19.200	-77.515	0.000	77.515	-4.664
173.0	-2.345	-3.923	0.000	0.000	0.000	-16.836	-78.493	0.000	78.493	-4.679
174.0	-1.751	-2.414	0.000	0.000	0.000	-14.491	-79.473	0.000	79.473	-4.693
175.0	-1.732	-2.365	0.000	0.000	0.000	-12.740	-80.457	0.000	80.457	-4.705
176.0	-1.713	-2.315	0.000	0.000	0.000	-11.008	-81.442	0.000	81.442	-4.716
177.0	-1.695	-2.266	0.000	0.000	0.000	-9.295	-82.430	0.000	82.430	-4.726
178.0	-1.676	-2.218	0.000	0.000	0.000	-7.601	-83.420	0.000	83.420	-4.735
179.0	-1.658	-2.170	0.000	0.000	0.000	-5.925	-84.411	0.000	84.411	-4.742
180.0	-1.473	0.000	0.000	0.000	0.000	-4.267	-85.404	0.000	85.404	-4.747

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

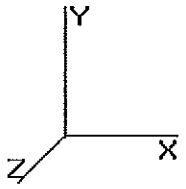


Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

Calculated Stresses

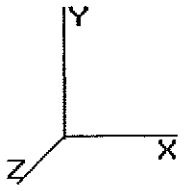
Seg Elev (ft)	Applied Stresses Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)	Allowable Stress (Fb) (ksi)		Stress Ratio
0.00	0.65	0.37	0.00	0.00	0.00	21.29	21.95	52.0	0.0	0.422
1.00	0.65	0.37	0.00	0.00	0.00	21.30	21.96	52.0	0.0	0.422
2.00	0.65	0.37	0.00	0.00	0.00	21.31	21.97	52.0	0.0	0.423
3.00	0.65	0.37	0.00	0.00	0.00	21.31	21.97	52.0	0.0	0.423
4.00	0.65	0.37	0.00	0.00	0.00	21.32	21.98	52.0	0.0	0.423
5.00	0.65	0.37	0.00	0.00	0.00	21.33	21.98	52.0	0.0	0.423
6.00	0.64	0.38	0.00	0.00	0.00	21.33	21.99	52.0	0.0	0.423
7.00	0.64	0.38	0.00	0.00	0.00	21.34	21.99	52.0	0.0	0.423
8.00	0.64	0.38	0.00	0.00	0.00	21.35	22.00	52.0	0.0	0.423
9.00	0.64	0.38	0.00	0.00	0.00	21.35	22.00	52.0	0.0	0.423
10.00	0.64	0.38	0.00	0.00	0.00	21.36	22.00	52.0	0.0	0.423
11.00	0.64	0.38	0.00	0.00	0.00	21.36	22.01	52.0	0.0	0.423
12.00	0.63	0.38	0.00	0.00	0.00	21.36	22.01	52.0	0.0	0.423
13.00	0.63	0.38	0.00	0.00	0.00	21.37	22.01	52.0	0.0	0.423
14.00	0.63	0.38	0.00	0.00	0.00	21.37	22.01	52.0	0.0	0.424
15.00	0.63	0.38	0.00	0.00	0.00	21.37	22.01	52.0	0.0	0.424
16.00	0.63	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.424
17.00	0.63	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.424
18.00	0.62	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.424
19.00	0.62	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.424
20.00	0.62	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.424
21.00	0.62	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.423
22.00	0.62	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.423
23.00	0.61	0.39	0.00	0.00	0.00	21.38	22.01	52.0	0.0	0.423
24.00	0.61	0.39	0.00	0.00	0.00	21.38	22.00	52.0	0.0	0.423
25.00	0.61	0.40	0.00	0.00	0.00	21.38	22.00	52.0	0.0	0.423
26.00	0.61	0.40	0.00	0.00	0.00	21.37	21.99	52.0	0.0	0.423
27.00	0.61	0.40	0.00	0.00	0.00	21.37	21.99	52.0	0.0	0.423
28.00	0.61	0.40	0.00	0.00	0.00	21.37	21.98	52.0	0.0	0.423
29.00	0.60	0.40	0.00	0.00	0.00	21.36	21.98	52.0	0.0	0.423
30.00	0.60	0.40	0.00	0.00	0.00	21.35	21.97	52.0	0.0	0.423
31.00	0.60	0.40	0.00	0.00	0.00	21.35	21.96	52.0	0.0	0.423
32.00	0.60	0.40	0.00	0.00	0.00	21.34	21.95	52.0	0.0	0.422
33.00	0.60	0.40	0.00	0.00	0.00	21.33	21.94	52.0	0.0	0.422
34.00	0.60	0.40	0.00	0.00	0.00	21.33	21.93	52.0	0.0	0.422
35.00	0.59	0.41	0.00	0.00	0.00	21.32	21.92	52.0	0.0	0.422
36.00	0.59	0.41	0.00	0.00	0.00	21.31	21.91	52.0	0.0	0.422
37.00	0.59	0.41	0.00	0.00	0.00	21.30	21.90	52.0	0.0	0.421
38.00	0.59	0.41	0.00	0.00	0.00	21.29	21.89	52.0	0.0	0.421
39.00	0.59	0.41	0.00	0.00	0.00	21.27	21.87	52.0	0.0	0.421
40.00	0.59	0.41	0.00	0.00	0.00	21.26	21.86	52.0	0.0	0.421
41.00	0.58	0.41	0.00	0.00	0.00	21.25	21.84	52.0	0.0	0.420
42.00	0.58	0.41	0.00	0.00	0.00	21.23	21.82	52.0	0.0	0.420
42.96	0.58	0.42	0.00	0.00	0.00	21.22	21.81	52.0	0.0	0.420
43.00	0.58	0.42	0.00	0.00	0.00	21.21	21.81	52.0	0.0	0.420
44.00	0.58	0.42	0.00	0.00	0.00	21.20	21.79	52.0	0.0	0.419
45.00	0.57	0.42	0.00	0.00	0.00	21.18	21.76	52.0	0.0	0.419
46.00	0.57	0.42	0.00	0.00	0.00	21.16	21.74	52.0	0.0	0.418
47.00	0.56	0.42	0.00	0.00	0.00	21.14	21.72	52.0	0.0	0.418
48.00	0.56	0.42	0.00	0.00	0.00	21.12	21.69	52.0	0.0	0.417
49.00	0.55	0.42	0.00	0.00	0.00	21.10	21.66	52.0	0.0	0.417



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

49.04	0.63	0.48	0.00	0.00	0.00	23.64	24.29	52.0	0.0	0.467
50.00	0.63	0.48	0.00	0.00	0.00	23.61	24.26	52.0	0.0	0.467
51.00	0.63	0.49	0.00	0.00	0.00	23.58	24.22	52.0	0.0	0.466
52.00	0.63	0.49	0.00	0.00	0.00	23.55	24.19	52.0	0.0	0.465
53.00	0.62	0.49	0.00	0.00	0.00	23.51	24.15	52.0	0.0	0.465
54.00	0.62	0.49	0.00	0.00	0.00	23.48	24.12	52.0	0.0	0.464
55.00	0.62	0.49	0.00	0.00	0.00	23.44	24.08	52.0	0.0	0.463
56.00	0.62	0.49	0.00	0.00	0.00	23.40	24.04	52.0	0.0	0.462
57.00	0.62	0.49	0.00	0.00	0.00	23.36	24.00	52.0	0.0	0.462
58.00	0.62	0.50	0.00	0.00	0.00	23.32	23.95	52.0	0.0	0.461
59.00	0.61	0.50	0.00	0.00	0.00	23.28	23.91	52.0	0.0	0.460
60.00	0.61	0.50	0.00	0.00	0.00	23.24	23.86	52.0	0.0	0.459
61.00	0.61	0.50	0.00	0.00	0.00	23.19	23.82	52.0	0.0	0.458
62.00	0.61	0.50	0.00	0.00	0.00	23.14	23.77	52.0	0.0	0.457
63.00	0.61	0.50	0.00	0.00	0.00	23.09	23.72	52.0	0.0	0.456
64.00	0.61	0.50	0.00	0.00	0.00	23.04	23.66	52.0	0.0	0.455
65.00	0.60	0.51	0.00	0.00	0.00	22.99	23.61	52.0	0.0	0.454
66.00	0.60	0.51	0.00	0.00	0.00	22.93	23.55	52.0	0.0	0.453
67.00	0.60	0.51	0.00	0.00	0.00	22.88	23.49	52.0	0.0	0.452
68.00	0.60	0.51	0.00	0.00	0.00	22.82	23.43	52.0	0.0	0.451
69.00	0.60	0.51	0.00	0.00	0.00	22.76	23.37	52.0	0.0	0.450
70.00	0.60	0.51	0.00	0.00	0.00	22.69	23.30	52.0	0.0	0.448
71.00	0.59	0.52	0.00	0.00	0.00	22.63	23.24	52.0	0.0	0.447
72.00	0.59	0.52	0.00	0.00	0.00	22.56	23.17	52.0	0.0	0.446
73.00	0.59	0.52	0.00	0.00	0.00	22.49	23.10	52.0	0.0	0.444
74.00	0.59	0.52	0.00	0.00	0.00	22.42	23.02	52.0	0.0	0.443
75.00	0.59	0.52	0.00	0.00	0.00	22.34	22.95	52.0	0.0	0.442
76.00	0.59	0.52	0.00	0.00	0.00	22.27	22.87	52.0	0.0	0.440
77.00	0.58	0.52	0.00	0.00	0.00	22.19	22.79	52.0	0.0	0.438
78.00	0.58	0.53	0.00	0.00	0.00	22.11	22.71	52.0	0.0	0.437
79.00	0.58	0.53	0.00	0.00	0.00	22.02	22.62	52.0	0.0	0.435
80.00	0.58	0.53	0.00	0.00	0.00	21.93	22.53	52.0	0.0	0.434
81.00	0.58	0.53	0.00	0.00	0.00	21.84	22.44	52.0	0.0	0.432
82.00	0.58	0.53	0.00	0.00	0.00	21.75	22.35	52.0	0.0	0.430
83.00	0.57	0.53	0.00	0.00	0.00	21.66	22.25	52.0	0.0	0.428
84.00	0.57	0.54	0.00	0.00	0.00	21.56	22.15	52.0	0.0	0.426
85.00	0.57	0.54	0.00	0.00	0.00	21.46	22.05	52.0	0.0	0.424
86.00	0.57	0.54	0.00	0.00	0.00	21.35	21.94	52.0	0.0	0.422
87.00	0.57	0.54	0.00	0.00	0.00	21.24	21.83	52.0	0.0	0.420
87.54	0.57	0.54	0.00	0.00	0.00	21.18	21.77	52.0	0.0	0.419
88.00	0.56	0.54	0.00	0.00	0.00	21.13	21.71	52.0	0.0	0.418
89.00	0.56	0.55	0.00	0.00	0.00	21.01	21.59	52.0	0.0	0.415
90.00	0.56	0.55	0.00	0.00	0.00	20.90	21.47	52.0	0.0	0.413
91.00	0.55	0.55	0.00	0.00	0.00	20.77	21.34	52.0	0.0	0.411
92.00	0.55	0.55	0.00	0.00	0.00	20.65	21.21	52.0	0.0	0.408
92.46	0.64	0.65	0.00	0.00	0.00	23.65	24.32	52.0	0.0	0.468
93.00	0.64	0.65	0.00	0.00	0.00	23.57	24.23	52.0	0.0	0.466
94.00	0.64	0.65	0.00	0.00	0.00	23.41	24.07	52.0	0.0	0.463
95.00	0.63	0.65	0.00	0.00	0.00	23.24	23.90	52.0	0.0	0.460
96.00	0.63	0.65	0.00	0.00	0.00	23.08	23.73	52.0	0.0	0.457
97.00	0.63	0.65	0.00	0.00	0.00	22.91	23.56	52.0	0.0	0.453
98.00	0.63	0.65	0.00	0.00	0.00	22.73	23.38	52.0	0.0	0.450
99.00	0.62	0.65	0.00	0.00	0.00	22.55	23.20	52.0	0.0	0.446
100.00	0.62	0.66	0.00	0.00	0.00	22.36	23.01	52.0	0.0	0.443
101.00	0.62	0.66	0.00	0.00	0.00	22.17	22.82	52.0	0.0	0.439
102.00	0.62	0.66	0.00	0.00	0.00	21.97	22.62	52.0	0.0	0.435
103.00	0.62	0.66	0.00	0.00	0.00	21.77	22.42	52.0	0.0	0.431



Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

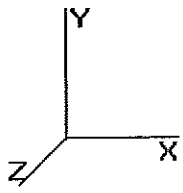
Gust Response Factor : 1.69
Dead Load Factor : 1.00
Wind Load Factor : 1.00

104.00	0.62	0.67	0.00	0.00	0.00	21.56	22.21	52.0	0.0	0.427
105.00	0.61	0.66	0.00	0.00	0.00	21.34	21.99	52.0	0.0	0.423
106.00	0.61	0.66	0.00	0.00	0.00	21.13	21.77	52.0	0.0	0.419
107.00	0.61	0.66	0.00	0.00	0.00	20.91	21.55	52.0	0.0	0.415
108.00	0.61	0.66	0.00	0.00	0.00	20.68	21.32	52.0	0.0	0.410
109.00	0.61	0.67	0.00	0.00	0.00	20.45	21.09	52.0	0.0	0.406
110.00	0.61	0.67	0.00	0.00	0.00	20.21	20.85	52.0	0.0	0.401
111.00	0.60	0.67	0.00	0.00	0.00	19.96	20.60	52.0	0.0	0.396
112.00	0.60	0.67	0.00	0.00	0.00	19.70	20.34	52.0	0.0	0.391
113.00	0.60	0.68	0.00	0.00	0.00	19.44	20.08	52.0	0.0	0.386
114.00	0.60	0.68	0.00	0.00	0.00	19.17	19.80	52.0	0.0	0.381
114.50	0.54	0.61	0.00	0.00	0.00	19.03	19.60	52.0	0.0	0.377
115.00	0.54	0.62	0.00	0.00	0.00	18.91	19.49	52.0	0.0	0.375
116.00	0.54	0.62	0.00	0.00	0.00	18.68	19.25	52.0	0.0	0.370
117.00	0.54	0.62	0.00	0.00	0.00	18.44	19.01	52.0	0.0	0.366
118.00	0.54	0.62	0.00	0.00	0.00	18.19	18.76	52.0	0.0	0.361
119.00	0.54	0.62	0.00	0.00	0.00	17.94	18.50	52.0	0.0	0.356
120.00	0.53	0.63	0.00	0.00	0.00	17.67	18.24	52.0	0.0	0.351
121.00	0.53	0.63	0.00	0.00	0.00	17.40	17.96	52.0	0.0	0.346
122.00	0.53	0.63	0.00	0.00	0.00	17.12	17.68	52.0	0.0	0.340
123.00	0.53	0.63	0.00	0.00	0.00	16.82	17.39	52.0	0.0	0.335
124.00	0.53	0.64	0.00	0.00	0.00	16.52	17.09	52.0	0.0	0.329
125.00	0.46	0.52	0.00	0.00	0.00	16.21	16.70	52.0	0.0	0.321
126.00	0.46	0.52	0.00	0.00	0.00	16.01	16.49	52.0	0.0	0.317
127.00	0.46	0.52	0.00	0.00	0.00	15.79	16.28	52.0	0.0	0.313
128.00	0.46	0.52	0.00	0.00	0.00	15.57	16.06	52.0	0.0	0.309
129.00	0.46	0.52	0.00	0.00	0.00	15.34	15.83	52.0	0.0	0.305
130.00	0.46	0.53	0.00	0.00	0.00	15.11	15.59	52.0	0.0	0.300
131.00	0.46	0.53	0.00	0.00	0.00	14.86	15.35	52.0	0.0	0.295
132.00	0.44	0.51	0.00	0.00	0.00	14.61	15.08	52.0	0.0	0.290
132.12	0.44	0.51	0.00	0.00	0.00	14.58	15.05	52.0	0.0	0.290
133.00	0.44	0.52	0.00	0.00	0.00	14.36	14.83	52.0	0.0	0.285
134.00	0.37	0.43	0.00	0.00	0.00	14.11	14.49	52.0	0.0	0.279
135.00	0.36	0.43	0.00	0.00	0.00	13.93	14.31	52.0	0.0	0.275
135.87	0.59	0.71	0.00	0.00	0.00	21.91	22.53	52.0	0.0	0.433
136.00	0.58	0.71	0.00	0.00	0.00	21.87	22.49	52.0	0.0	0.433
137.00	0.58	0.71	0.00	0.00	0.00	21.56	22.18	52.0	0.0	0.427
138.00	0.58	0.71	0.00	0.00	0.00	21.24	21.86	52.0	0.0	0.421
139.00	0.58	0.71	0.00	0.00	0.00	20.91	21.52	52.0	0.0	0.414
140.00	0.54	0.64	0.00	0.00	0.00	20.31	20.87	52.0	0.0	0.402
141.00	0.53	0.64	0.00	0.00	0.00	20.02	20.59	52.0	0.0	0.396
142.00	0.53	0.64	0.00	0.00	0.00	19.73	20.30	52.0	0.0	0.391
143.00	0.53	0.64	0.00	0.00	0.00	19.43	20.00	52.0	0.0	0.385
144.00	0.53	0.65	0.00	0.00	0.00	19.12	19.69	52.0	0.0	0.379
145.00	0.53	0.65	0.00	0.00	0.00	18.80	19.36	52.0	0.0	0.373
146.00	0.53	0.65	0.00	0.00	0.00	18.46	19.03	52.0	0.0	0.366
147.00	0.53	0.65	0.00	0.00	0.00	18.11	18.68	52.0	0.0	0.359
148.00	0.53	0.66	0.00	0.00	0.00	17.75	18.32	52.0	0.0	0.352
149.00	0.53	0.66	0.00	0.00	0.00	17.38	17.94	52.0	0.0	0.345
150.00	0.52	0.64	0.00	0.00	0.00	16.97	17.52	52.0	0.0	0.337
151.00	0.51	0.64	0.00	0.00	0.00	16.59	17.14	52.0	0.0	0.330
152.00	0.51	0.64	0.00	0.00	0.00	16.19	16.74	52.0	0.0	0.322
153.00	0.51	0.65	0.00	0.00	0.00	15.78	16.33	52.0	0.0	0.314
154.00	0.51	0.65	0.00	0.00	0.00	15.35	15.91	52.0	0.0	0.306
155.00	0.51	0.65	0.00	0.00	0.00	14.91	15.46	52.0	0.0	0.298
156.00	0.51	0.65	0.00	0.00	0.00	14.45	15.00	52.0	0.0	0.289
157.00	0.51	0.65	0.00	0.00	0.00	13.97	14.53	52.0	0.0	0.279

Pole : 302506
Location : Winchester CT 3, CT
Height : 180.0 (ft)
Base Dia : 52.75 (in)
Top Dia : 15.00 (in)
Shape : 18 Sides
Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

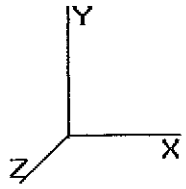


Load Case: Twist/Sway — 50.00 mph Wind with No Ice — 37 Iterations

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

158.00	0.51	0.66	0.00	0.00	0.00	13.47	14.03	52.0	0.0	0.270
159.00	0.51	0.66	0.00	0.00	0.00	12.95	13.51	52.0	0.0	0.260
160.00	0.51	0.66	0.00	0.00	0.00	12.41	12.97	52.0	0.0	0.250
161.00	0.51	0.67	0.00	0.00	0.00	11.85	12.41	52.0	0.0	0.239
162.00	0.51	0.67	0.00	0.00	0.00	11.26	11.83	52.0	0.0	0.228
163.00	0.51	0.67	0.00	0.00	0.00	10.65	11.22	52.0	0.0	0.216
164.00	0.51	0.67	0.00	0.00	0.00	10.01	10.58	52.0	0.0	0.204
165.00	0.51	0.68	0.00	0.00	0.00	9.34	9.92	52.0	0.0	0.191
166.00	0.40	0.47	0.00	0.00	0.00	8.65	9.09	52.0	0.0	0.175
167.00	0.40	0.47	0.00	0.00	0.00	8.21	8.66	52.0	0.0	0.167
168.00	0.40	0.47	0.00	0.00	0.00	7.76	8.21	52.0	0.0	0.158
169.00	0.40	0.48	0.00	0.00	0.00	7.29	7.74	52.0	0.0	0.149
170.00	0.40	0.48	0.00	0.00	0.00	6.79	7.24	52.0	0.0	0.139
171.00	0.40	0.48	0.00	0.00	0.00	6.27	6.73	52.0	0.0	0.129
172.00	0.40	0.48	0.00	0.00	0.00	5.73	6.19	52.0	0.0	0.119
173.00	0.40	0.49	0.00	0.00	0.00	5.16	5.63	52.0	0.0	0.108
174.00	0.25	0.37	0.00	0.00	0.00	4.57	4.86	52.0	0.0	0.093
175.00	0.25	0.37	0.00	0.00	0.00	4.13	4.42	52.0	0.0	0.085
176.00	0.25	0.37	0.00	0.00	0.00	3.67	3.97	52.0	0.0	0.076
177.00	0.25	0.37	0.00	0.00	0.00	3.19	3.49	52.0	0.0	0.067
178.00	0.24	0.37	0.00	0.00	0.00	2.68	2.99	52.0	0.0	0.058
179.00	0.24	0.37	0.00	0.00	0.00	2.15	2.48	52.0	0.0	0.048
180.00	0.00	0.34	0.00	0.00	0.00	1.60	1.70	52.0	0.0	0.033

Pole :	302506	Code: TIA/EIA-222 Rev F	9/14/2012 4:06:48 PM
Location :	Winchester CT 3, CT		Page: 88
Height :	180.0 (ft)		
Base Dia :	52.75 (in)		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	18 Sides		
Taper :	0.219444 (in/ft)		



Analysis Summary

	Reactions						Max Stresses			
Load Case	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Combined Stress (ksi)	Allowable Stress (ksi)	Elev (ft)	Stress Ratio
No Ice	34.2	0.00	47.55	0.00	0.00	4243.21	60.82	52.0	49.04	1.170
Ice	30.0	0.00	62.49	0.00	0.00	3839.34	56.15	52.0	92.46	1.080
Twist/Sway	13.3	0.00	47.56	0.00	0.00	1663.69	24.32	52.0	92.46	0.468

Base/Flange Plate	Plate Type	***Baseplate***	*@ 10.0 ft*
	Pole Diameter	52.75	in
	Pole Thickness		in
	Plate Diameter	68	in
	Plate Thickness	2	in
	Plate Fy	60	ksi
	Weld Length	0.3125	in
	Allowable	2741.88	k-in
	Applied	653.48	k-in
Stiffeners	#	***16***	***Show***
	Thickness	0.75	in
	Length	6	in
	Height	15	in
	Chamfer	0	in
	Offset Angle	0	°
	Fy	50	ksi

Bolts	#	***16***	
	Bolt Circle	62	in
	(R)adial / (S)quare	R	
	Diameter	2.25	in
	Hole Diameter	2.375	in
	Type	#18J	
	Fy	75	ksi
	Fu	100	ksi
	Allowable	194.86	k
	Applied	209.11	k
Reinforcement ◍	#	***0***	
	DYW. Circle	20	in
	Offset Angle	22.5	°
	Type	#20	
	Diameter	2.5	in
	Fu	100	ksi
	Allowable		k
	Applied		k
Extra Bolts O	#	***0***	
	Bolt Circle	54	in
	(R)adial / (S)quare	R	
	Bolt Gap	0	in
	Offset Angle	45	°
	Diameter	1.75	in
	Type	DYWIDAG	
	Fy	150	ksi
	Fu	170	ksi
	Allowable		k
	Applied		k

Code Rev.	*F*
A.S.I.	1.33
Moment	4243.2 k-ft
Axial	62.5 k

Date	9/12/2012
Engineer	BD
Site #	305206
Carrier	AT&T Mobility

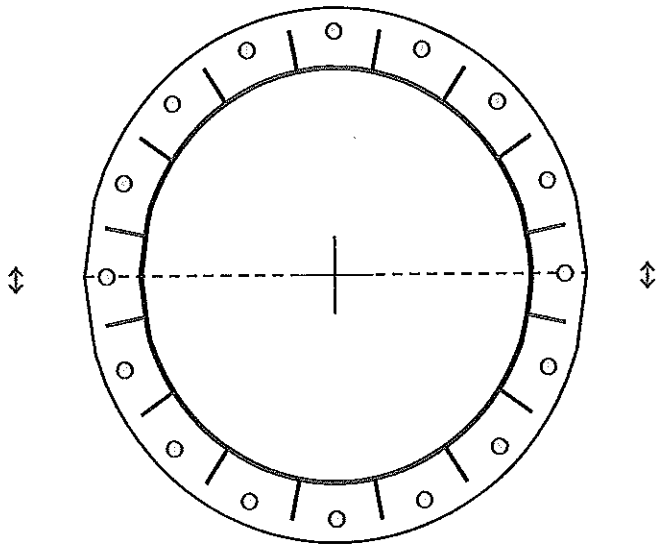
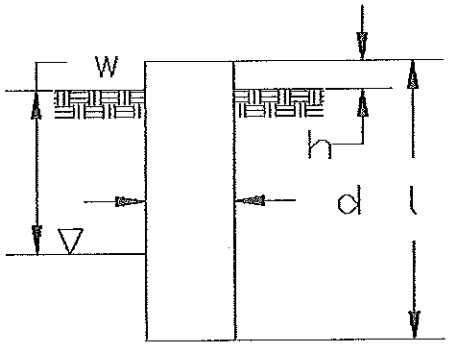


Plate Stress Ratio:
0.24 (Pass)

Bolt Stress Ratio:
1.07 (Fail)

Reinforcement Stress Ratio:

Site Name:	Winchester CT 3, CT	*Program Last*	*8/3/2011*
Site Number:	302506	*American Tower Corporation*	
Engineer:	M. Davenport		
Engineering Number:	50492921		
Date:	09/12/12		



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

Analyze or Design a Foundation?	Analyze
Foundation Mapped:	N
Moment (M):	4243.2 k-ft
Shear/Leg (V):	34.2 k
Axial Load (P):	62.5 k
Uplift/Leg (U):	0.0 k
Tower Type (GT / SST / MP):	MP
Diameter of Caisson (d):	7.0 ft
Caisson Embedment (L-h):	17.0 ft
Caisson Height Above Ground (h):	1.0 ft
Depth Below Ground Surface to Water Table (w):	99.0 ft
Unit Weight of Concrete:	150.0 pcf
Unit Weight of Water:	62.4 pcf
Tension Skin Friction/Compression Skin Friction:	1.00
Pullout Angle:	30.0 degrees

Soil Mechanical Properties

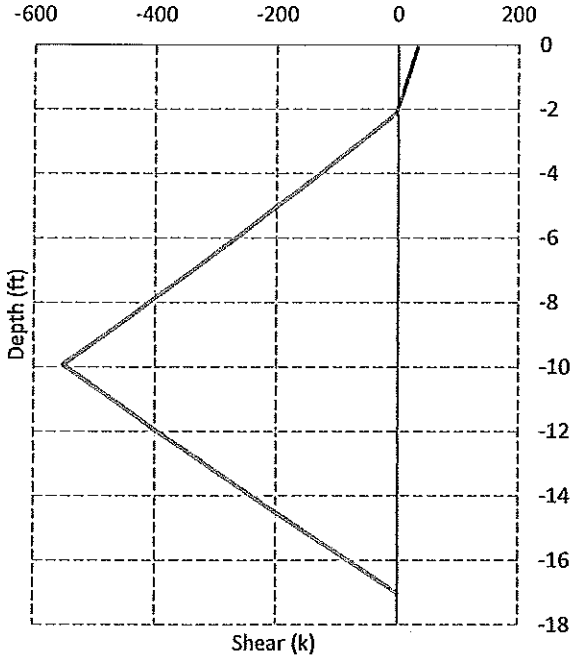
Depth (ft) Top	Depth (ft) Bottom	γ_{soil} (pcf)	Cohesion (psf)	ϕ (degree)	Allowable Skin Friction (psf)	Allowable Bearing Pressure (psf)
0.0	2.0	150	0	0		
2.0	18.0	150	3550	0		12000
	0.0					
	0.0					
	0.0					
	0.0					
	0.0					
	0.0					

Volume of Concrete:	692.7 ft^3 = 25.7 yd^3
Weight of Concrete (Buoyancy Effect Considered):	103.9 k
Average Soil Unit Weight:	150.0 pcf
Skin Friction Resistance:	0.0 k
Compressive Bearing Resistance:	461.8 k
Pullout Weight (Minus Concrete Weight):	532.4 k
Allowable Uplift Capacity (U_{Allow}):	69.3 k
Allowable Compressive Capacity (P_{Allow}):	461.8 k
Compressive Design Load (P):	62.5 k
U / U_{Allow}:	0.00 Result: OK
P / P_{Allow}:	0.14 Result: OK
Total Lateral Resistance:	2729.9 k
Inflection Point (Below Ground Surface):	9.9 ft
Design Overturning Moment At Inflection Point (M_D):	4616.7 k-ft
Nominal Moment Capacity (M_{Allow}):	10155.5 k-ft
M_{Allow} / M_D Factor of Safety:	2.20 Result: OK

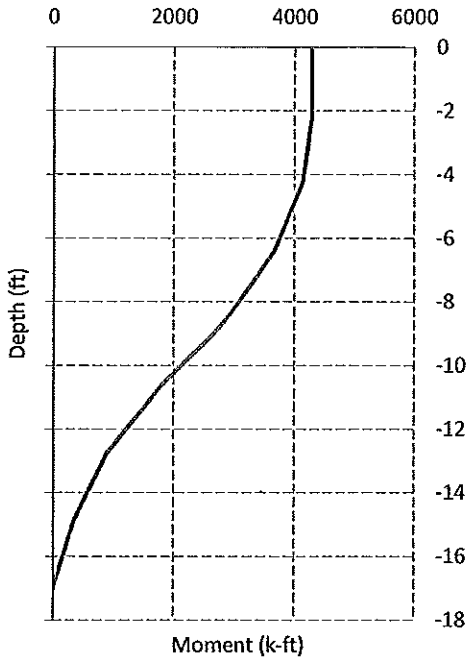
Caisson Strength Capacity

Concrete Compressive Strength (f'_c):	4000	psi
Vertical Steel Rebar Size #:	11	
Vertical Steel Rebar Area:	1.56	in^2
Design # of Vertical Steel Rebars:	42	
Vertical Steel Rebar Yield Strength (F_y):	60	ksi
Horizontal Tie / Stirrup Size #:	5	
Horizontal Tie / Stirrup Area:	0.31	in^2
Design Horizontal Tie / Stirrup Spacing:	12.0	in
Horizontal Tie / Stirrup Steel Yield Strength (F_y):	60	ksi
Rebar Cage Diameter:	76.0	in
Strength Bending/Tension Reduction Factor (ϕ_B):	0.90	ACI318-05 - 9.3.2.1
Strength Shear Reduction Factor (ϕ_V):	0.75	ACI318-05 - 9.3.2.3
Strength Compression Reduction Factor (ϕ_P):	0.65	ACI318-05 - 9.3.2.2
Wind Design Factor:	1.30	ACI318-05 - 9.2.1
Steel Elastic Modulus:	29000	ksi
Design Moment (M_u):	5576.6	k-ft
Nominal Moment Capacity ($\phi_B M_n$):	10956.3	k-ft - ACI318-005 - 10.2
$M_u/\phi_B M_n$:	0.51	Result: OK
Design Shear (V_u):	718.1	k
Nominal Shear Capacity ($\phi_V V_n$):	684.9	k - ACI318-05 - 11.3.1.1 or 11.5.7.2
$V_u/\phi_V V_n$:	1.05	Result: Acceptable Overst
Design Tension (T_u):	0.0	k
Nominal Tension Capacity ($\phi_T T_n$):	3538.1	k - ACI318-05 - 10.2
$T_u/\phi_T T_n$:	0.00	Result: OK
Design Compression (P_u):	81.3	k
Nominal Compression Capacity ($\phi_P P_n$):	9682.0	k - ACI318-05 - 10.3.6.2
$P_u/\phi_P P_n$:	0.01	Result: OK
$M_u/\phi_B M_n + T_u/\phi_T T_n$:	0.51	Result: OK
Bending Reinforcement Ratio:	0.012	ACI318 05 10.8.4 & 10.9.1

Design Unfactored Shear / Depth



Design Unfactored Moment / Depth



Nominal and Factored Moment Capacity and Factored Design Loads