

Transcend Wireless
48 Spruce Street
Oakland, NJ 07436
Phone: (845) 401-0965
Gina Rappa
Real Estate Consultant

02/06/2014

Hand Delivered

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

RE: T-Mobile Northeast LLC notice of intent to modify an existing telecommunications facility located at, (108) 15 Oakdale Ave, Winchester, CT, Known to T-Mobile Northeast LLC as site CTNH403A.

Dear Ms. Roberts:

In order to accommodate technological changes, implement Global System for Mobile Communications Access (“GSM”) and/or Long Term Evolution (“LTE”) capabilities, and enhance system performance in the state of Connecticut, T-Mobile Northeast LLC plans to modify the equipment configurations at many of its existing cell sites. Please accept this letter and attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes an exempt modification pursuant to R.C.S.A. Section 16-50j-72(b)(2). In compliance with R.C.S.A. Section 16-50j-73, a copy of this letter and its attachments is being sent to the chief elected official of the municipality in which affected cell site is located.

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

As part of the project the new multi-mode 800/1900 antenna will replace existing antennas. These antennas will provide more flexibility for optimization by allowing fast and easy electrical tilt adjustment from remote location and will enable the transmission of multiple technologies from a single antenna. As T-Mobile Northeast LLC network evolves to meet the demands of its customers, it is essential for T-Mobile Northeast LLC to install modern equipment and antennas in order to provide reliable wireless voice and data services. The proposed equipment will include multi-mode radios that will allow T-Mobile Northeast LLC to transmit at different frequencies using different technologies, including LTE technology. Likewise, the proposed antennas are quad-pole multi-band

high gain antennas that will allow T-Mobile Northeast LLC to operate using its multiple frequency bands and technologies, including LTE technology. The proposed equipment and antennas will improve the reliability, coverage and capacity of T-Mobile Northeast LLC voice and data networks across T-Mobile Northeast LLC various FCC licensed frequency bands and significantly increase the data speeds of T-Mobile Northeast LLC 's network by utilizing the latest LTE technology. Without the proposed modifications T-Mobile Northeast LLC will be unable to provide reliable wireless voice and data service using the latest technologies.

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

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

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

For the foregoing reasons T-Mobile Northeast LLC respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (845) 401-0965 or email grappa@transcendwireless.com with questions concerning this matter. Thank you for your consideration.

Sincerely,

Gina Rappa
(845) 401-0965

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

T-Mobile Existing Facility

Site ID: CTNH403A

Litchfield ATC
15 Oakdale Avenue
Winchester, CT 06098

February 24, 2014

February 24, 2014

T-Mobile USA
Attn: Jason Overbey, RF Manager
35 Griffin Road South
Bloomfield, CT 06002

Re: Emissions Values for Site: **CTNH403A - Litchfield ATC**

EBI Consulting was directed to analyze the proposed T-Mobile facility located at 15 Oakdale Avenue, Winchester, CT, for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

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

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

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

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

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

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at 15 Oakdale Avenue, Winchester, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, the actual antenna pattern gain value in the direction of the sample area was used. For this report the sample point is a 6 foot person standing at the base of the tower

For all calculations, all equipment was calculated using the following assumptions:

- 1) 2 GSM channels (1935.000 MHz—to 1945.000 MHz / 1980.000 MHz—to 1985.000 MHz) were considered for each sector of the proposed installation.
- 2) 2 UMTS channels (2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
- 3) 2 LTE channels (2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
- 4) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 5) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The actual gain in this direction was used per the manufactures supplied specifications.
- 6) The antenna used in this modeling is the Ericsson AIR21 for LTE, UMTS and GSM. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.6 dBd gain value at its main lobe. Actual antenna gain values were used for all calculations as per the manufacturers specifications

- 7) The antenna mounting height centerline of the proposed antennas is **166 feet** above ground level (AGL)
- 8) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

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

Site ID	CTNH403A - Litchfield ATC
Site Address	15 Oakdale Avenue, Winchester, CT 06098
Site Type	Monopole

Sector 1

Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBD)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	166	160	None	0	0	48.326044	0.678652	0.067877%
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-			0	-3.95	166	160	None	0	0	0	0	0.000000%
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	166	160	1-5/8"	0	0	24.163022	0.339326	0.033933%
2B	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	166	160	1-5/8"	0	0	24.163022	0.339326	0.033933%

Sector total Power Density Value: 0.136%

Sector 2

Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBD)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	166	160	None	0	0	48.326044	0.678652	0.067877%
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-			0	-3.95	166	160	None	0	0	0	0	0.000000%
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	166	160	1-5/8"	0	0	24.163022	0.339326	0.033933%
2B	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	166	160	1-5/8"	0	0	24.163022	0.339326	0.033933%

Sector total Power Density Value: 0.136%

Sector 3

Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBD)	Antenna Height (ft)	analysis height	Cable Size	Cable Loss (dB)	Additional Loss	ERP	Power Density Value	Power Density Percentage
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	166	160	None	0	0	48.326044	0.678652	0.067877%
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-			0	-3.95	166	160	None	0	0	0	0	0.000000%
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	166	160	1-5/8"	0	0	24.163022	0.339326	0.033933%
2B	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	166	160	1-5/8"	0	0	24.163022	0.339326	0.033933%

Sector total Power Density Value: 0.136%

Site Composite MPE %

Carrier	MPE %
T-Mobile	0.407%
AT&T	14.880%
MetroPCS	6.170%
CTPD	5.250%
Sprint	8.140%
Verizon Wireless	19.360%
Nextel	4.310%
Northeast Utilities	1.660%
Total Site MPE %	60.177%

Summary

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

The anticipated Maximum Composite contributions from the T-Mobile facility are **0.407% (0.136% from each sector)** of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **60.177%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

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



Scott Heffernan
RF Engineering Director

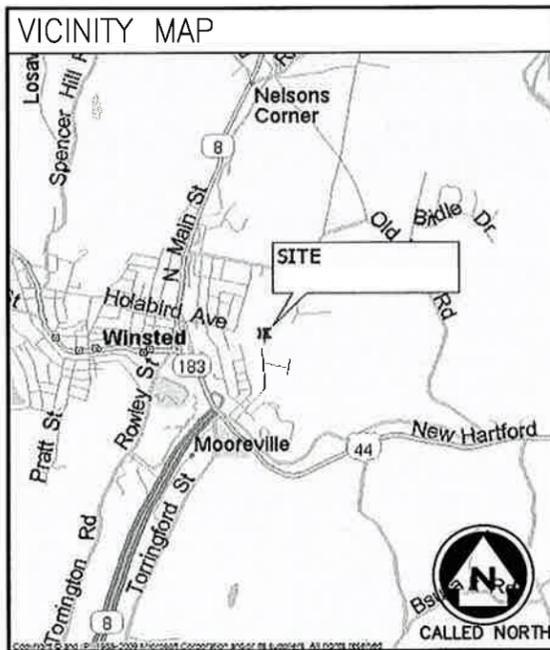
EBI Consulting
21 B Street
Burlington, MA 01803

T-MOBILE NORTHEAST LLC

CTNH403A LITCHFIELD ATC

15 OAKDALE AVE.
WINCHESTER, CT 06098

(2C CONFIGURATION)



DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ARCHITECT IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



CALL:

'CALL BEFORE YOU DIG'
WWW.CBYD.COM
CALL 811, OR 1-800-822-4455

CALL THREE WORKING DAYS PRIOR TO DIGGING
SAFETY PRECAUTIONS SHALL BE IMPLEMENTED BY CONTRACTORS AT ALL TRENCHING IN ACCORDANCE WITH CURRENT OSHA STANDARDS.

COLOR CODE FOR UTILITY LOCATIONS

ELECTRIC - RED	SEWER - GREEN
GAS/OIL - YELLOW	SURVEY - PINK
TEL/CATV - ORANGE	PROPOSED EXCAVATION - WHITE
WATER - BLUE	RECLAIMED WATER - PURPLE

GENERAL NOTES

- THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES.
- THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONSTRUCT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.
- THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE T-MOBILE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES, THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXPENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.
- THE SCOPE OF WORK SHALL INCLUDE FURNISHING OF ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.
- THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS/CONTRACT DOCUMENTS.
- THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S/VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUM OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.
- THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER CONTRACT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY PERMITS AND INSPECTIONS WHICH ARE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY, OR LOCAL GOVERNMENT AUTHORITY.
- THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC., DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.
- THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.
- THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS, AS WELL AS THE LATEST EDITIONS OF ANY PERTINENT STATE SAFETY REGULATIONS.
- THE CONTRACTOR SHALL NOTIFY THE T-MOBILE REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE T-MOBILE REPRESENTATIVE.
- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC., ON THE JOB.
- THE CONTRACTOR SHALL RETURN ALL DISTURBED AREAS TO THEIR ORIGINAL CONDITION AT THE COMPLETION OF WORK.

PROJECT SUMMARY

SITE NUMBER:	CTNH403A	APPLICANT:	T-MOBILE NORTHEAST LLC
SITE NAME:	LITCHFIELD ATC		400 STREET RD
SITE ADDRESS:	15 OAKDALE AVE.		BENSALEM, PA 19020
	WINCHESTER, CT 06098		
PROPERTY OWNER:	TBD	PROJECT MANAGER:	AMERICAN TOWER CORPORATION
			10 PRESIDENTIAL WAY
			WOBURN, MA 01801
PARCEL:	TBD	CONTACT:	TARA RUSSO
CURRENT ZONING:	TBD		717-695-2942
JURISDICTION:	TBD	ARCHITECT/ENGINEER:	INFINIGY ENGINEERING
ATC SITE NUMBER:	302506		1033 WATERLIET SHAKER ROAD
LAT./LONG.:	N 41.92169° / W 73.04950°		ALBANY, NY 12205
CONSTRUCTION TYPE:	-	CONTACT:	AJ DESANTIS
USE GROUP:	-		518-690-0790

PROJECT DESCRIPTION

- | | | |
|---|---|---|
| <input checked="" type="checkbox"/> EXISTING MONOPOLE | <input checked="" type="checkbox"/> EXISTING CABINET(S) | <input type="checkbox"/> OUTDOOR |
| <input type="checkbox"/> EXISTING LATTICE TOWER | <input type="checkbox"/> EXISTING RBS 2106 | <input type="checkbox"/> INDOOR |
| <input type="checkbox"/> EXISTING TRANSMISSION TOWER | <input type="checkbox"/> EXISTING RBS 3106 | <input checked="" type="checkbox"/> EXISTING CONCRETE PAD |
| <input type="checkbox"/> EXISTING WATER TANK | <input type="checkbox"/> PROPOSED RBS 6102 | <input type="checkbox"/> EXISTING STEEL PLATFORM |
| <input type="checkbox"/> EXISTING BUILDING | <input type="checkbox"/> SITE SUPPORT KIT | <input checked="" type="checkbox"/> EXISTING PPC |
| <input type="checkbox"/> EXISTING FLAGPOLE | <input type="checkbox"/> SITE SUPPORT CABINET | <input type="checkbox"/> EXISTING PANELBOARD |
| <input type="checkbox"/> EXISTING FORT WORTH | <input checked="" type="checkbox"/> GPS | |

T-MOBILE NORTHEAST LLC PROPOSES THE MODIFICATION OF AN UNMANNED WIRELESS BROADBAND FACILITY. REPLACEMENT OF EXISTING PANEL ANTENNAS & TMA'S WITH PROPOSED AIR21 PANEL ANTENNAS AND ASSOCIATED CABLING. REUSE EXISTING GPS ANTENNA AND EXISTING EQUIPMENT CABINETS.

SHEET INDEX

SHEET	DESCRIPTION	REVISION
T-1	TITLE SHEET	0
C-1	SITE PLAN	0
C-2	COMPOUND PLAN & ELEVATION	0
C-3	ANTENNA DETAIL & RF SCHEDULE	0
S-1	EQUIPMENT SPECIFICATIONS	0
E-1	GROUNDING AND POWER DIAGRAMS	0
E-2	COAX/FIBER PLUMBING DIAGRAM	0
N-1	GENERAL AND ELECTRICAL NOTES	0



T-MOBILE NORTHEAST LLC
400 STREET ROAD
BENSALEM, PA 19020

Design:
Build:
Deliver:
INFINIGY

1033 WATERLIET SHAKER ROAD
ALBANY, NY 12205
OFFICE: (518) 690-0790
FAX: (518) 690-0783

SUBMITTALS

DATE	DESCRIPTION	REVISION
12/10/13	REVIEW	A
12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1091
DRAWN BY: JLM
CHECKED BY: AJD



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NOTE: IF DRAWINGS ARE 22"x34", USE GRAPHICAL SCALE AND/OR 1/2 TIMES OF THE NOTED SCALE.

SITE NAME

CTNH403A
LITCHFIELD ATC
15 OAKDALE AVE.
WINCHESTER, CT 06098

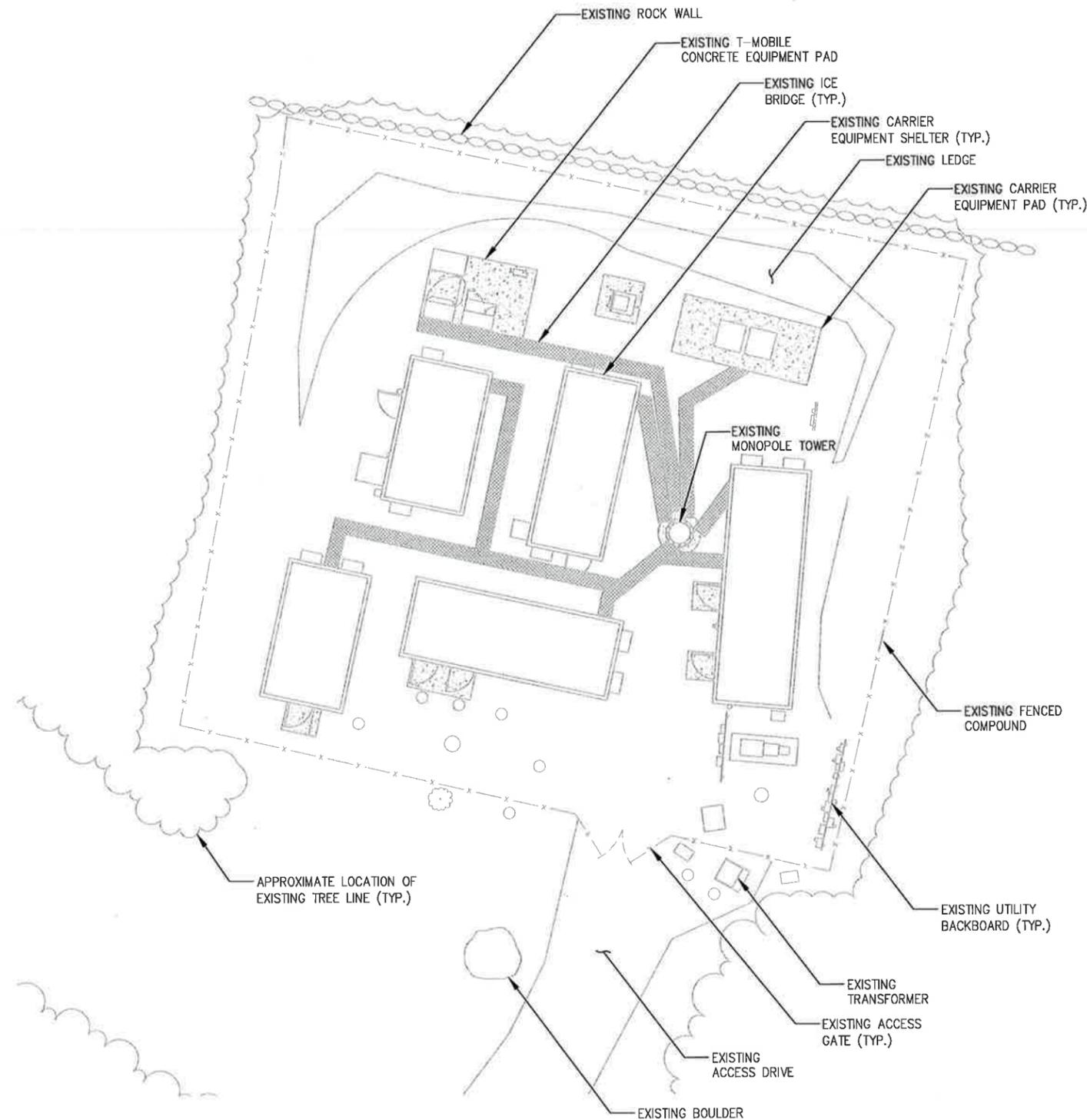
SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

SHEET 1 OF 8 SHEETS



GENERAL SITE NOTES:

1. A COMPLETE BOUNDARY SURVEY OF THE HOST PARCEL HAS NOT BEEN PERFORMED BY INFINGY ENGINEERING. BOUNDARY INFORMATION WAS OBTAINED FROM INFORMATION PROVIDED BY OTHERS. PROPERTY IS SUBJECT TO ALL EASEMENTS AND RESTRICTIONS OF RECORD.
2. BASEMAPPING INFORMATION BASED ON PROVIDED INFORMATION.
3. CONTRACTOR TO FIELD VERIFY DIMENSIONS AS NECESSARY BEFORE CONSTRUCTION.
4. THE PROPOSED DEVELOPMENT DOES NOT INCLUDE SIGNS OF ADVERTISING.
5. THE PROPOSED DEVELOPMENT IS UNMANNED AND THEREFORE DOES NOT REQUIRE A MEANS OF WATER SUPPLY OR SEWAGE DISPOSAL.
6. NO LANDSCAPING WORK IS PROPOSED IN CONJUNCTION WITH THIS DEVELOPMENT OTHER THAN THAT WHICH IS SHOWN.
7. THE PROPOSED DEVELOPMENT DOES NOT INCLUDE OUTDOOR STORAGE OR ANY SOLID WASTE RECEPTACLES.
8. UTILITIES SHOWN ON PLAN ARE TAKEN FROM OWNERS RECORDS AND FIELD LOCATION OF VISIBLE SURFACE FEATURES. THE EXISTENCE, EXTENT AND EXACT HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES HAS NOT BEEN VERIFIED. ANY CONTRACTOR PERFORMING WORK ON THIS SITE MUST CONTACT MISS UTILITY AT LEAST 48 HOURS PRIOR TO COMMENCING WORK.
9. ALL OBSOLETE OR UNUSED FACILITIES SHALL BE REMOVED WITHIN 12 MONTHS OF CESSATION OF OPERATIONS.

SITE LEGEND

- SITE PROPERTY LINE
- STREET OR ROAD
- - - CHAIN LINK FENCE
- OPAQUE WOODEN FENCE
- BOARD ON BOARD FENCE
- ⊗ DECIDUOUS TREES/SHRUBS
- ⊙ EVERGREEN TREES/SHRUBS
- ~ TREE LINE
- ⊗ UTILITY POLE
- (E) EXISTING
- (N) NEW
- (P) PROPOSED
- (F) FUTURE
- ◐ PROP. GSM ANTENNA
- ◑ PROP. UMTS ANTENNA
- ◒ EX. GSM ANTENNA
- ◓ EX. UMTS ANTENNA



T-MOBILE NORTHEAST LLC
400 STREET ROAD
BENSALEM, PA 19020

Design:
Build:
Deliver:
INFINGY8
1033 WATERLETT SHAKER ROAD
ALBANY, NY 12205
OFFICE: (518) 680-0790
FAX: (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
12/10/13	REVIEW	A
12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AD.			

PROJECT NO: 317-1091
DRAWN BY: JLM
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SHEET TITLE

SITE PLAN

SHEET NUMBER

C-1

SHEET 2 OF 8 SHEETS



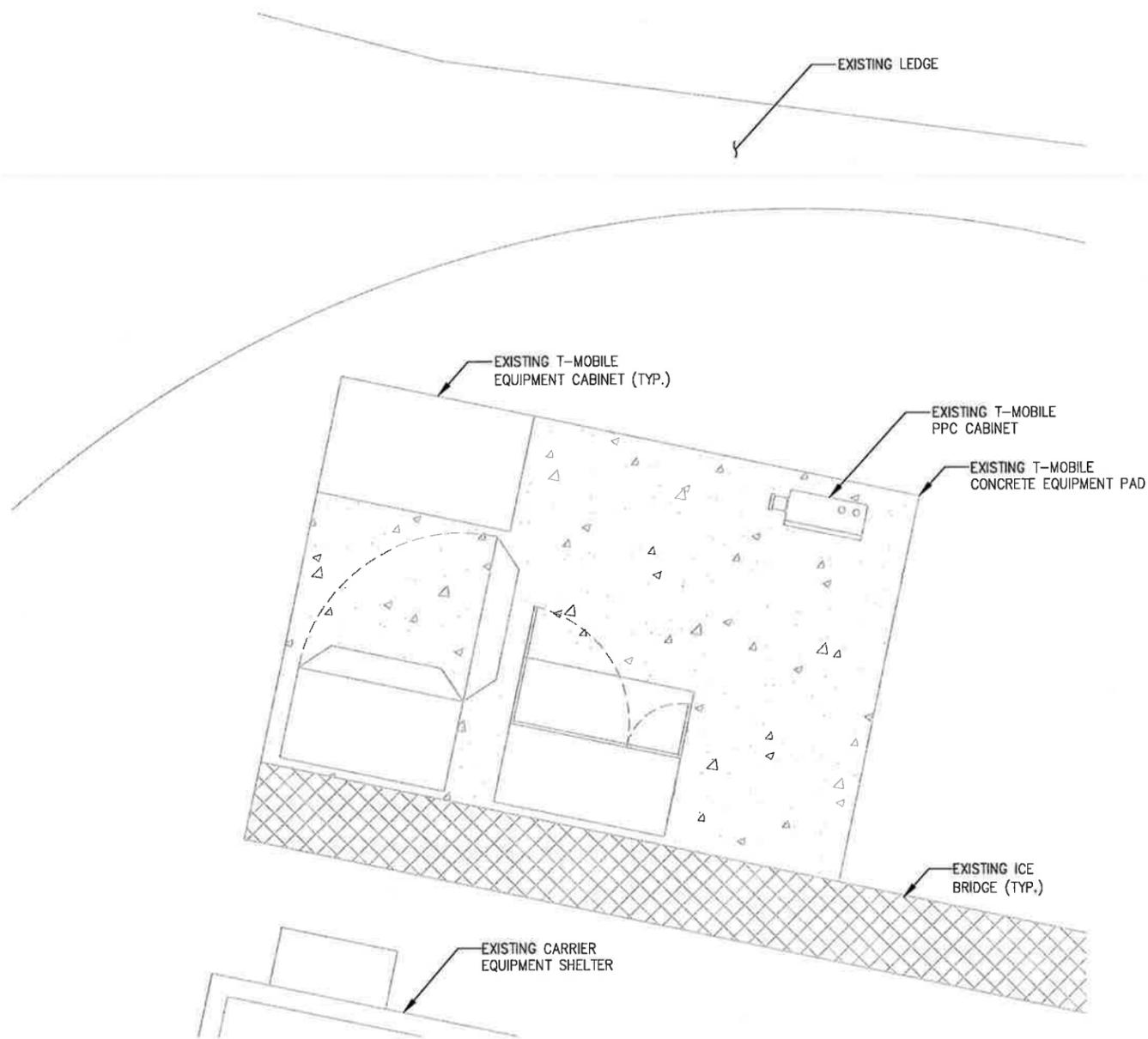
CALLLED NORTH

1 SITE PLAN
SCALE: AS NOTED

GRAPHIC SCALE

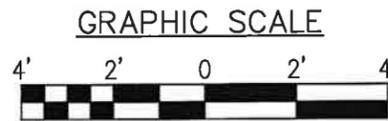


SCALE (11x17): 1" = 20'-0"
SCALE (22x34): 1" = 10'-0"



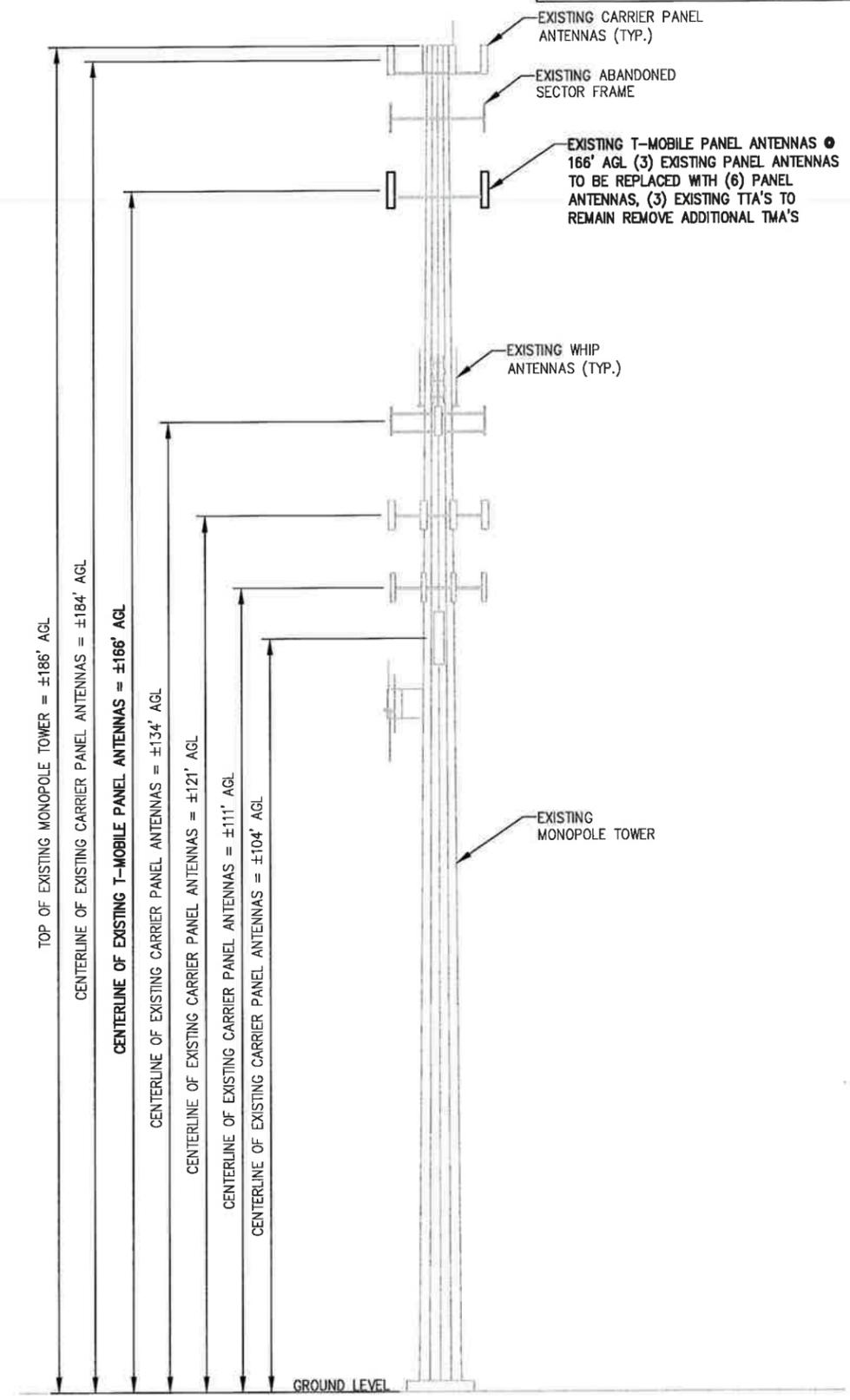
CALLED NORTH

1 COMPOUND PLAN
SCALE: AS NOTED



SCALE (11x17): 1" = 4'-0"
SCALE (22x34): 1" = 2'-0"

NOTE:
INFINIGY8 ENGINEERING HAS NOT EVALUATED THE TOWER OR LOADING FOR THIS SITE, AND ASSUMES NO RESPONSIBILITY FOR ITS STRUCTURAL INTEGRITY REGARDING ITS EXISTING OR PROPOSED LOADING. FINAL INSTALLATION TO COMPLY WITH RESULTS OF PASSING STRUCTURAL ANALYSIS.



TOP OF EXISTING MONOPOLE TOWER = ±186' AGL
 CENTERLINE OF EXISTING CARRIER PANEL ANTENNAS = ±184' AGL
 CENTERLINE OF EXISTING T-MOBILE PANEL ANTENNAS = ±166' AGL
 CENTERLINE OF EXISTING CARRIER PANEL ANTENNAS = ±134' AGL
 CENTERLINE OF EXISTING CARRIER PANEL ANTENNAS = ±121' AGL
 CENTERLINE OF EXISTING CARRIER PANEL ANTENNAS = ±111' AGL
 CENTERLINE OF EXISTING CARRIER PANEL ANTENNAS = ±104' AGL

2 TOWER ELEVATION
NOT TO SCALE



T-MOBILE NORTHEAST LLC
400 STREET ROAD
BENSALEM, PA 19020

INFINIGY8
Design, Build, Deliver.
1033 WATERLETT SHAKER ROAD
ALBANY, NY 12205
OFFICE: (518) 680-0790
FAX: (518) 680-0793

SUBMITTALS		
DATE	DESCRIPTION	REVISION
12/10/13	RENEW	A
12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1091
DRAWN BY: JLM
CHECKED BY: AJD



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SITE NAME
CTNH403A
LITCHFIELD ATC
15 OAKDALE AVE.
WINCHESTER, CT 06098

SHEET TITLE
COMPOUND PLAN & ELEVATION

SHEET NUMBER
C-2
SHEET 3 OF 8 SHEETS

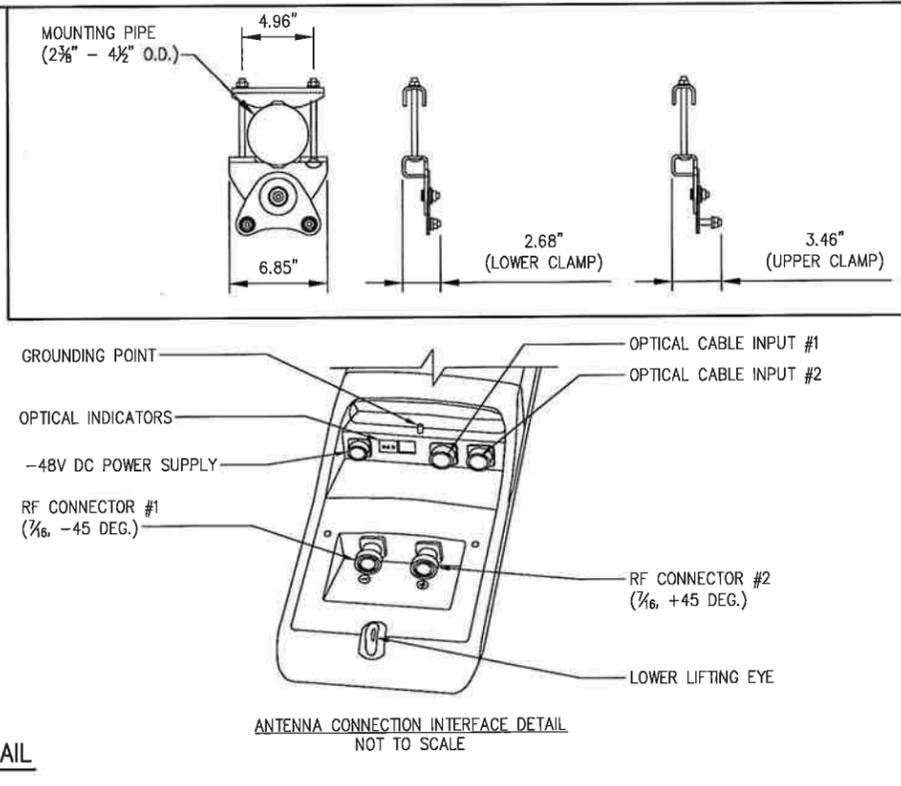
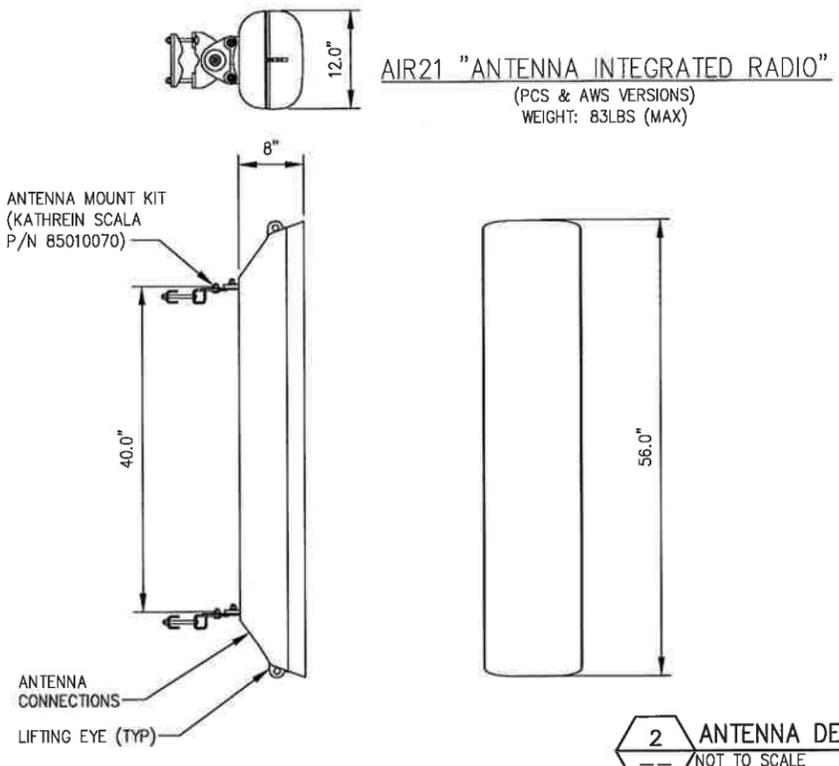
RF SYSTEM SCHEDULE (2C CONFIGURATION)

SECTOR	TECHNOLOGY	ANTENNA PORT	BAND	ANTENNA MODEL #	VENDOR	AZIMUTH	M-TILT	E-TILT	ANTENNA CENTERLINE	TMA MODEL #	VENDOR	CABLE LENGTH	CABLE DIAMETER	CABLE TYPE	CABLE MODEL #	VENDOR	CABLE TAGGING	COLOR CODING	JUMPER TYPE	JUMPER TAGGING	COLOR CODING											
A	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	20°	0°	2'	166'-0"	KRY 112 144/1	N/A	EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS A1	B	COAX	UMTS AWS A1	B											
		RF #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS A2	B	COAX	UMTS AWS A2	B											
	LMU	LMU #1	-									EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU A1	-	COAX	LMU A1	-											
		LMU #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU A2	-	COAX	LMU A2	-											
	GSM	OPTICAL #1	B2A									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	FIBER	GSM 1900 A1	R			
	UMTS	OPTICAL #2																									FIBER	UMTS 1900 A2	G			
LTE AWS	OPTICAL #1	B4A	-	-	-	-	-	-	-	-	-	200'±	-	HYBRID	MASTERLINE EXTREME HYBRID (3x6)	ERICSSON	FIBER 1	O	FIBER	LTE FIBER 1	Y											
B	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	190°	0°	2'	166'-0"	KRY 112 144/1	N/A	EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS B1	BB	COAX	UMTS AWS B1	BB											
		RF #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS B2	BB	COAX	UMTS AWS B2	BB											
	LMU	LMU #1	-									EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU B1	-	COAX	LMU B1	-											
		LMU #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU B2	-	COAX	LMU B2	-											
	GSM	OPTICAL #1	B2A									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	HYBRID	GSM 1900 B1	RR		
	UMTS	OPTICAL #2																										HYBRID	UMTS 1900 B2	GG		
LTE AWS	OPTICAL #1	B4A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	HYBRID	LTE FIBER 2	YY										
C	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	280°	0°	2'	166'-0"	KRY 112 144/1	N/A	EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS C1	BBB	COAX	UMTS AWS C1	BBB											
		RF #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS C2	BBB	COAX	UMTS AWS C2	BBB											
	LMU	LMU #1	-									EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU C1	-	COAX	LMU C1	-											
		LMU #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU C2	-	COAX	LMU C2	-											
	GSM	OPTICAL #1	B2A									-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	HYBRID	GSM 1900 C1	RRR
	UMTS	OPTICAL #2																												HYBRID	UMTS 1900 C2	GGG
LTE AWS	OPTICAL #1	B4A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	HYBRID	LTE FIBER 3	YYY									

1 RF SCHEDULE
NOT TO SCALE

KEY

EXISTING	R - RED - GSM
PROPOSED	C - GREEN - UMS 1900
FIBER CONNECTION	B - BLUE - UMS AWS
	Y - YELLOW - LTE
	O - ORANGE - FIBER CABLE



- METALLIC TAG NOTES:
- TWO METALLIC TAGS SHALL BE ATTACHED AT EACH END OF EVERY CABLE LONGER THAN (3) THREE FEET.
 - CABLES LESS THAN (3) THREE FEET WILL HAVE TWO METALLIC TAGS ATTACHED AT THE CENTER OF THE CABLE.
 - TAGS WILL BE FASTENED WITH STAINLESS STEEL ZIP TIES APPROPRIATE FOR CABLE DIAMETER.
 - STANDARDIZED METALLIC TAG KITS WILL BE ASSEMBLED WITH TAGS ALREADY ENGRAVED TO ACCOMMODATE ALL CONFIGURATIONS.

T-Mobile
T-MOBILE NORTHEAST LLC
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BENSALEM, PA 19020

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ALBANY, NY 12205
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FAX: (518) 680-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
12/10/13	REVIEW	A
12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	D

DEPT.	DATE	APP'D	REVISIONS
RF			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1081
DRAWN BY: JLM
CHECKED BY: AJD



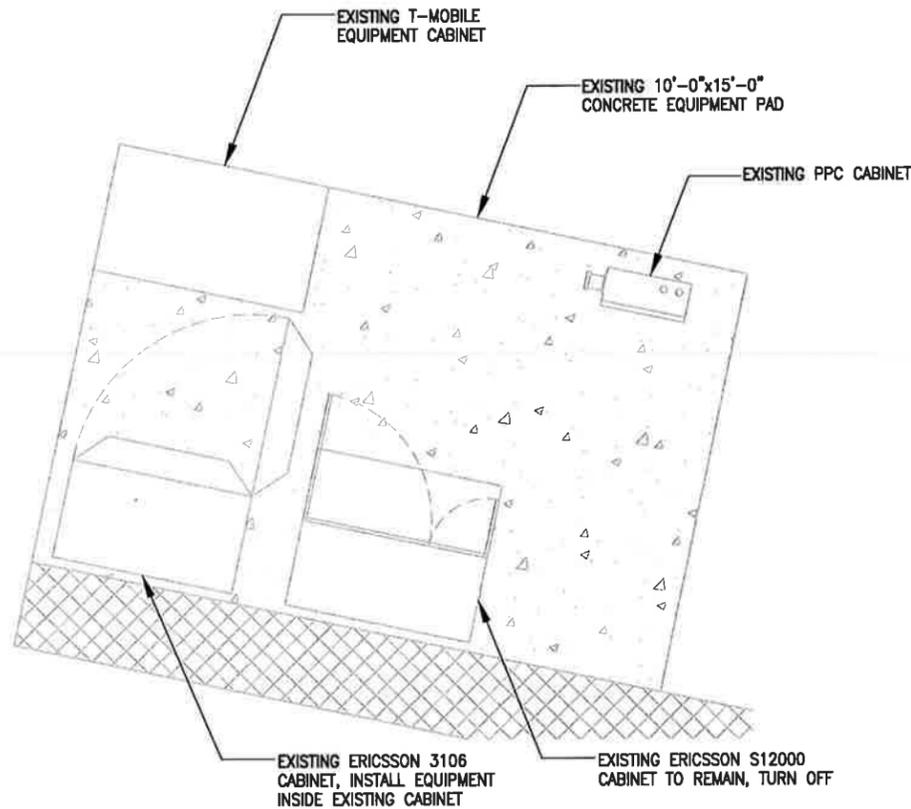
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SITE NAME
CTNH403A
LITCHFIELD ATC
15 OAKDALE AVE.
WINCHESTER, CT 06098

SHEET TITLE
ANTENNA DETAIL & RF SCHEDULE

SHEET NUMBER
C-3
SHEET 4 OF 8 SHEETS



CALLED NORTH

1 EQUIPMENT PAD LAYOUT PLAN
NOT TO SCALE

2 NOT USED
NOT TO SCALE

STRUCTURAL NOTES:

- SPECIFICATIONS / CODES:
 - CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE ACI CODE.
 - STEEL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AISC STEEL CONSTRUCTION MANUAL, 9TH EDITION.
 - WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.1-92 "STRUCTURAL WELDING" CODE-STEEL.
 - REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRS), "MANUAL OF STANDARD PRACTICE."
- MATERIALS:
 - CONCRETE: $f_c' = 3000$ psi. (MIN. U.N.O.)
 - REINFORCING STEEL: ASTM A615, GRADE 60.
 - WIRE MESH: ASTM A185.
 - STRUCTURAL STEEL: ASTM A36.
 - ELECTRODES FOR WELDING: E 70xx.
 - GALVANIZING: ASTM A153 (BOLTS) OR ASTM A123 (SHAPES, PLATES).
 - EXPANSION BOLTS: HILTI KWIK BOLT II, STAINLESS STEEL, 3/4" ϕ x 43/4" EMBEDMENT OR AN APPROVED EQUAL.



T-MOBILE NORTHEAST LLC
400 STREET ROAD
BENSALEM, PA 19020

Design:
Build:
Deliver:
INFINIGY8
1033 WATERLICK SHAKER ROAD
ALBANY, NY 12205
OFFICE: (518) 680-0790
FAX: (518) 680-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
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12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1091
DRAWN BY: JLM
CHECKED BY: AJD



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SITE NAME
CTNH403A
LITCHFIELD ATC
15 OAKDALE AVE.
WINCHESTER, CT 06098

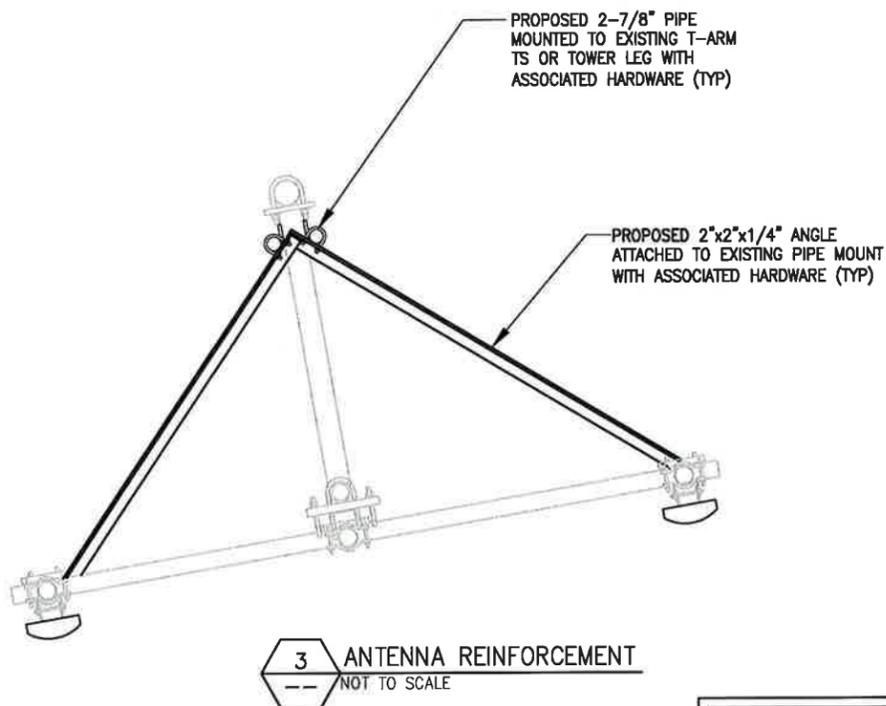
SHEET TITLE

EQUIPMENT SPECIFICATIONS

SHEET NUMBER

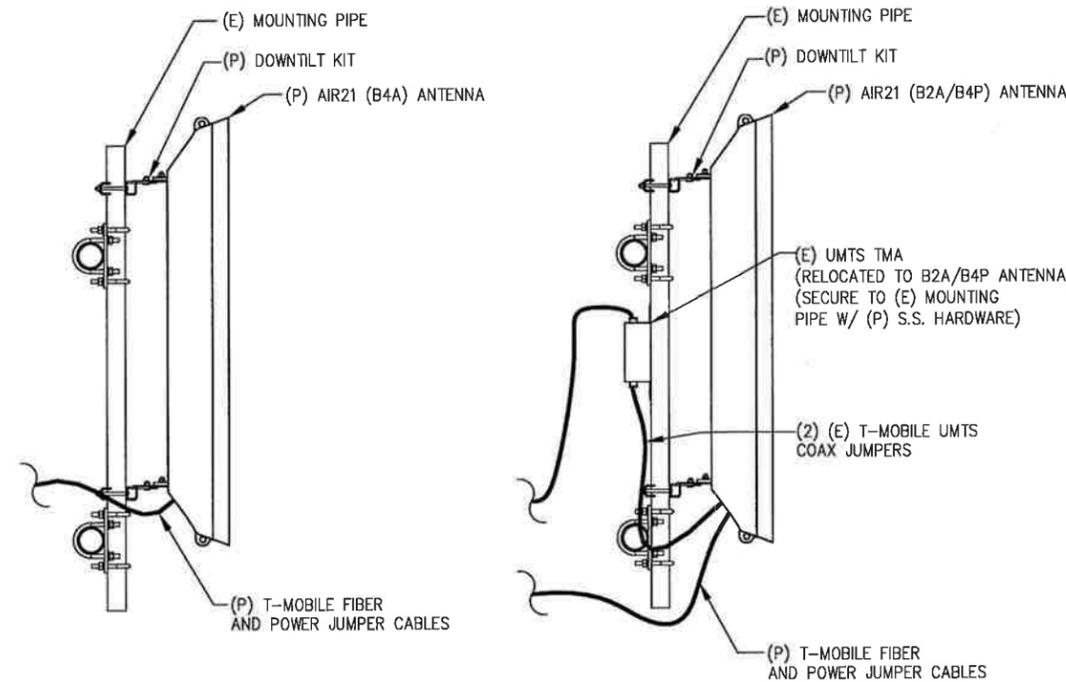
S-1

SHEET 5 OF 8 SHEETS

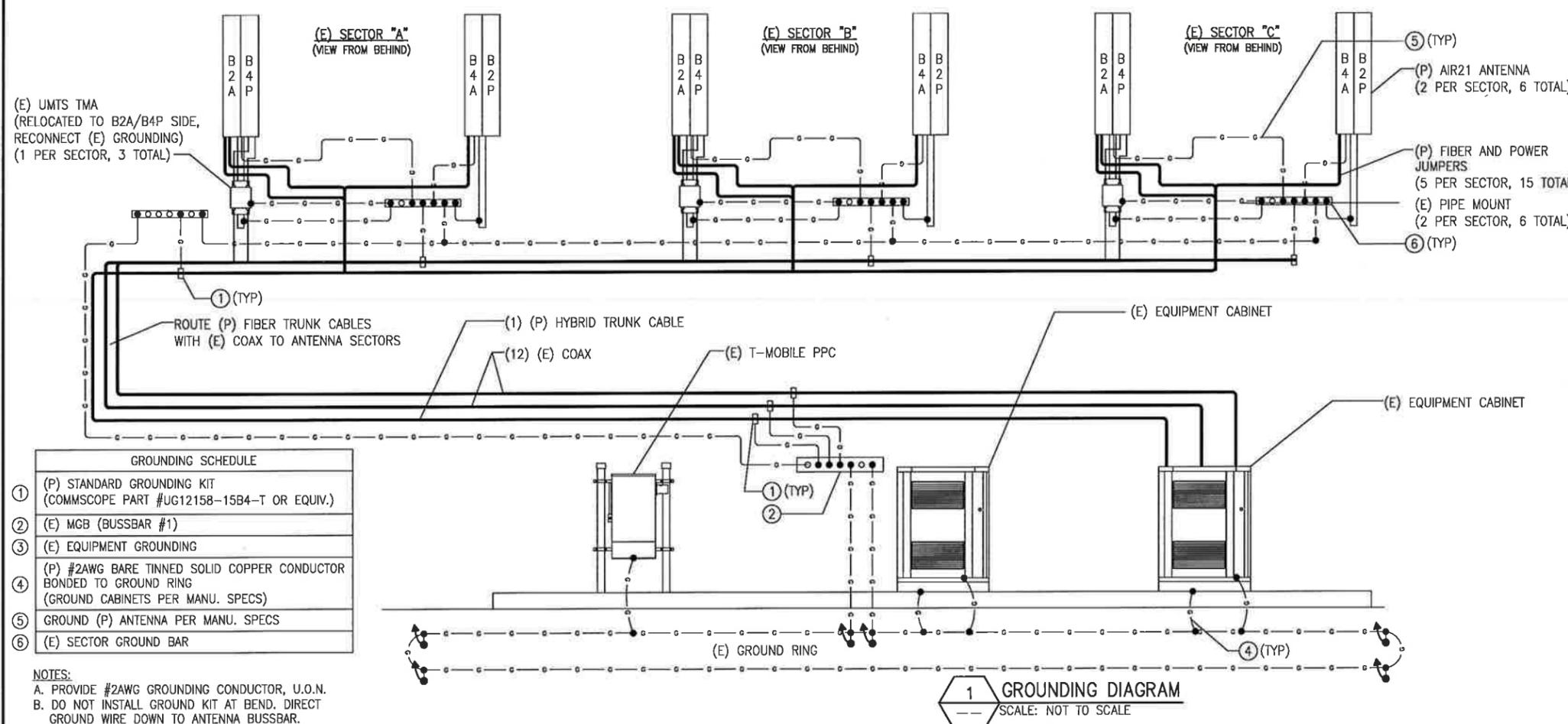


3 ANTENNA REINFORCEMENT
NOT TO SCALE

***USE WHEN EXISTING ANTENNA PIPE MOUNT HAS ONLY ONE POINT OF ATTACHMENT**



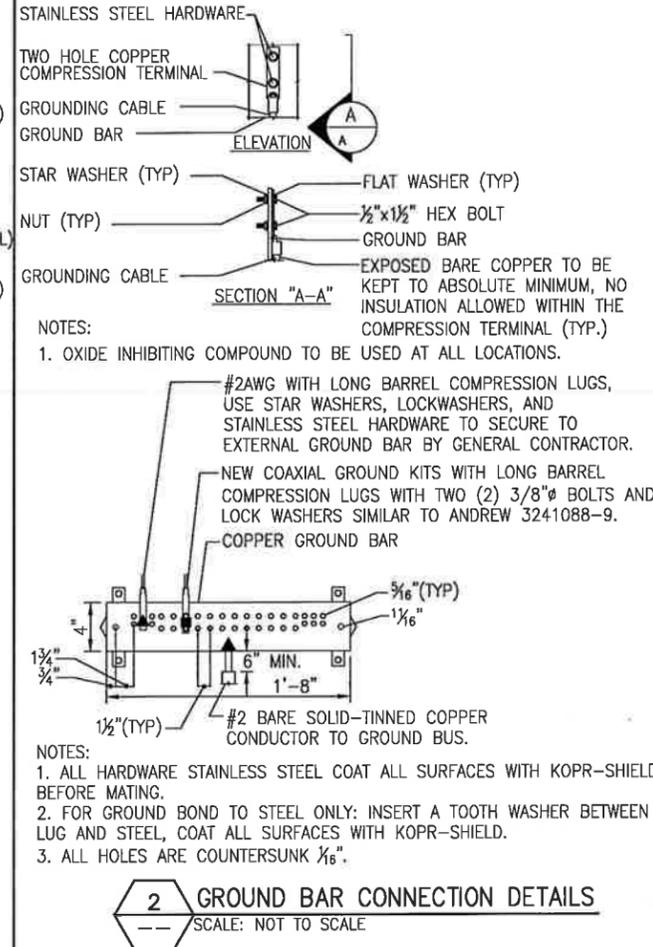
4 ANTENNA MOUNTING DETAIL
NOT TO SCALE



GROUNDING SCHEDULE

①	(P) STANDARD GROUNDING KIT (COMMSCOPE PART #UG12158-15B4-T OR EQUIV.)
②	(E) MGB (BUSSBAR #1)
③	(E) EQUIPMENT GROUNDING
④	(P) #2AWG BARE TINNED SOLID COPPER CONDUCTOR BONDED TO GROUND RING (GROUND CABINETS PER MANU. SPECS)
⑤	GROUND (P) ANTENNA PER MANU. SPECS
⑥	(E) SECTOR GROUND BAR

NOTES:
 A. PROVIDE #2AWG GROUNDING CONDUCTOR, U.O.N.
 B. DO NOT INSTALL GROUND KIT AT BEND. DIRECT GROUND WIRE DOWN TO ANTENNA BUSSBAR.

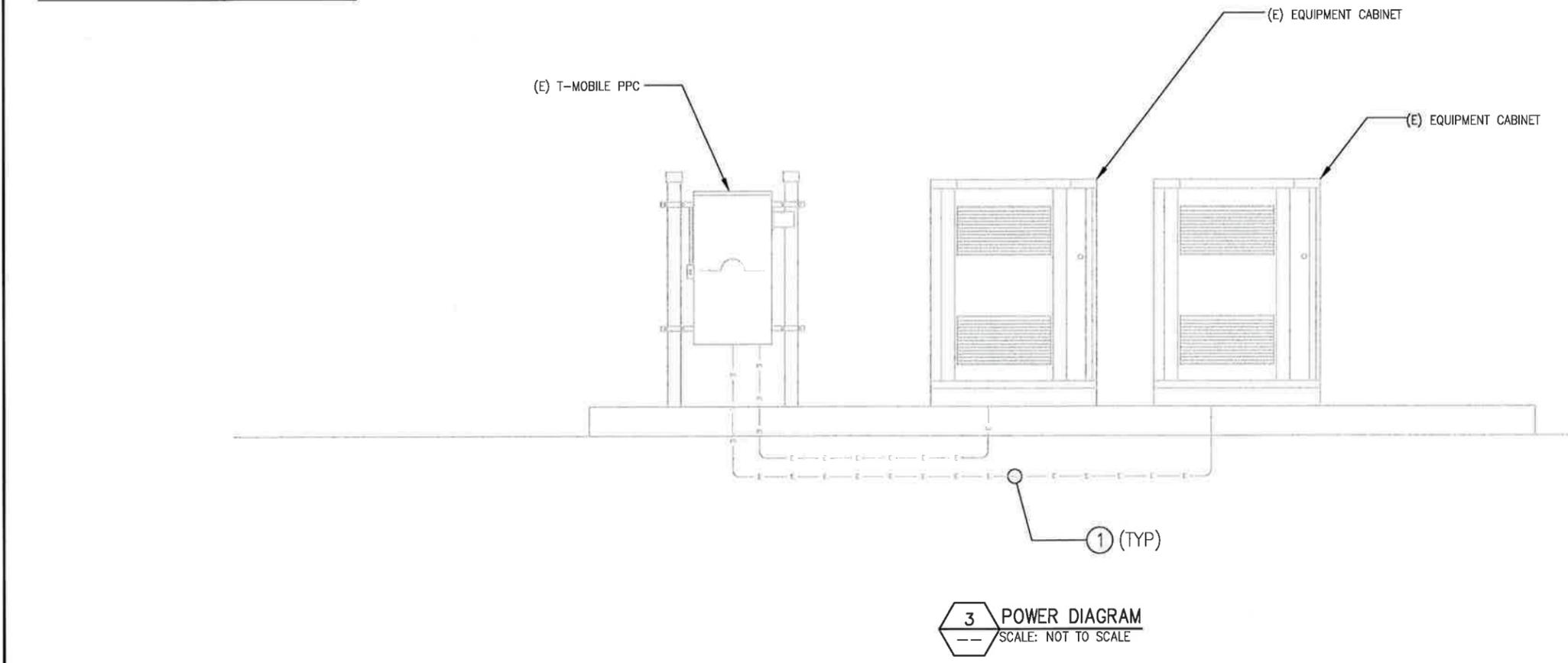


NOTES:
 1. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.
 2. EXPOSED BARE COPPER TO BE KEPT TO ABSOLUTE MINIMUM, NO INSULATION ALLOWED WITHIN THE COMPRESSION TERMINAL (TYP.)
 3. #2AWG WITH LONG BARREL COMPRESSION LUGS, USE STAR WASHERS, LOCKWASHERS, AND STAINLESS STEEL HARDWARE TO SECURE TO EXTERNAL GROUND BAR BY GENERAL CONTRACTOR.
 4. NEW COAXIAL GROUND KITS WITH LONG BARREL COMPRESSION LUGS WITH TWO (2) 3/8" Ø BOLTS AND LOCK WASHERS SIMILAR TO ANDREW 3241088-9.
 5. COPPER GROUND BAR
 6. #2 BARE SOLID-TINNED COPPER CONDUCTOR TO GROUND BUS.

NOTES:
 1. ALL HARDWARE STAINLESS STEEL COAT ALL SURFACES WITH KOPR-SHIELD BEFORE MATING.
 2. FOR GROUND BOND TO STEEL ONLY: INSERT A TOOTH WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH KOPR-SHIELD.
 3. ALL HOLES ARE COUNTERSUNK 1/16".

CONDUIT SCHEDULE

①	(E) POWER CONDUIT
---	-------------------



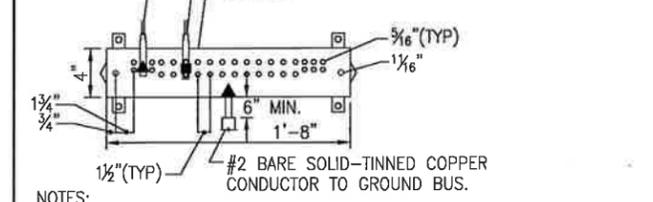
3 POWER DIAGRAM
 --- SCALE: NOT TO SCALE

STAINLESS STEEL HARDWARE
 TWO HOLE COPPER COMPRESSION TERMINAL
 GROUNDING CABLE
 GROUND BAR
 STAR WASHER (TYP)
 NUT (TYP)
 GROUNDING CABLE
 SECTION "A-A"

FLAT WASHER (TYP)
 1/2"x1 1/2" HEX BOLT
 GROUND BAR
 EXPOSED BARE COPPER TO BE KEPT TO ABSOLUTE MINIMUM, NO INSULATION ALLOWED WITHIN THE COMPRESSION TERMINAL (TYP.)

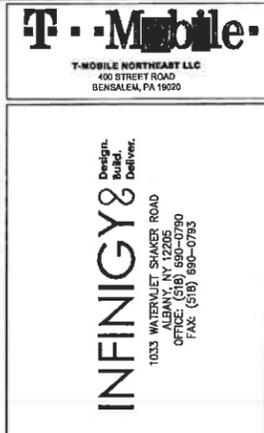
NOTES:
 1. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.

#2AWG WITH LONG BARREL COMPRESSION LUGS, USE STAR WASHERS, LOCKWASHERS, AND STAINLESS STEEL HARDWARE TO SECURE TO EXTERNAL GROUND BAR BY GENERAL CONTRACTOR.
 NEW COAXIAL GROUND KITS WITH LONG BARREL COMPRESSION LUGS WITH TWO (2) 3/8" Ø BOLTS AND LOCK WASHERS SIMILAR TO ANDREW 3241088-9.
 COPPER GROUND BAR



NOTES:
 1. ALL HARDWARE STAINLESS STEEL COAT ALL SURFACES WITH KOPR-SHIELD BEFORE MATING.
 2. FOR GROUND BOND TO STEEL ONLY: INSERT A TOOTH WASHER BETWEEN LUG AND STEEL, COAT ALL SURFACES WITH KOPR-SHIELD.
 3. ALL HOLES ARE COUNTERSUNK 1/16".

2 GROUND BAR CONNECTION DETAILS
 --- SCALE: NOT TO SCALE



SUBMITTALS

DATE	DESCRIPTION	REVISION
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12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	0

REVISIONS

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
GIS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1091
 DRAWN BY: JLM
 CHECKED BY: AJD



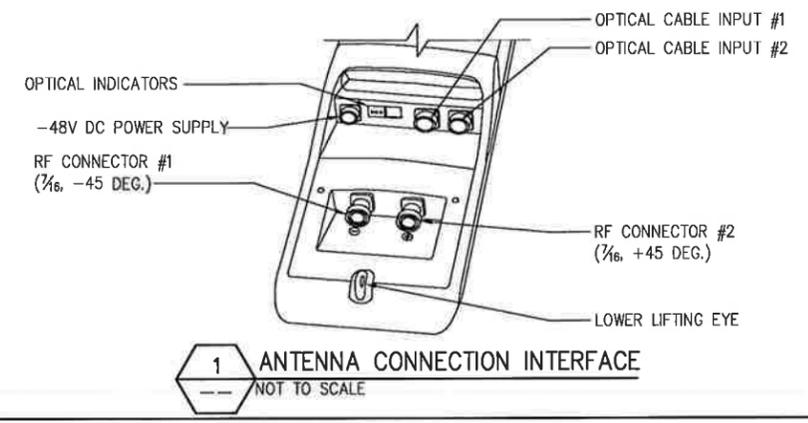
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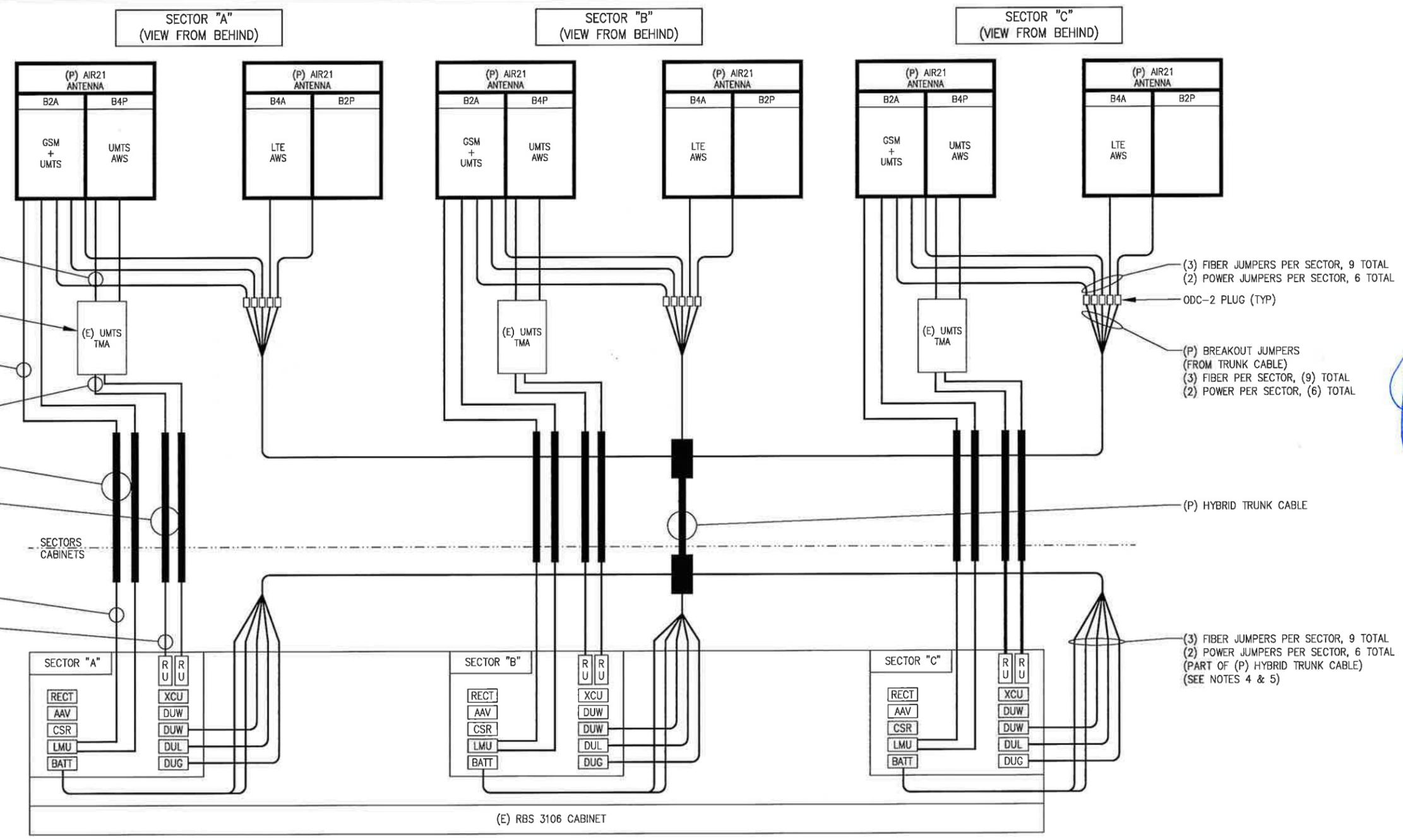
SITE NAME
CTNH403A
 LITCHFIELD ATC
 15 OAKDALE AVE.
 WINCHESTER, CT 06098

SHEET TITLE
GROUNDING & POWER DIAGRAMS

SHEET NUMBER
E-1
 SHEET 6 OF 8 SHEETS



- NOTES:**
1. TAG ALL EXISTING AND PROPOSED CABLES/JUMPERS PER T-MOBILE SPECIFICATIONS (SEE RF SCHEDULE/C-3)
 2. SEE RF SCHEDULE/C-3 FOR CABLE AND JUMPER LENGTHS.
 3. IF NEW GPS ADDED TO SITE, CAP AND WEATHERPROOF ANY UNUSED COAX FOR FUTURE USE.
 4. TRIM POWER JUMPERS PER MANU. SPECS TO CORRECT LENGTH FOR CONNECTION.
 5. COIL EXCESS FIBER IN CABINET BASE.



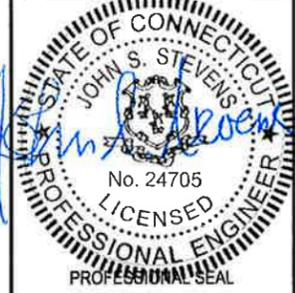
2 2C CONFIGURATION COAX/FIBER PLUMBING DIAGRAM
--- NOT TO SCALE

SUBMITTALS

DATE	DESCRIPTION	REVISION
12/10/13	REVIEW	A
12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	D

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1091
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LITCHFIELD ATC
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SHEET TITLE
COAX/FIBER PLUMBING DIAGRAM

SHEET NUMBER
E-2
SHEET 7 OF 8 SHEETS

ELECTRICAL NOTES:

WORK INCLUDED

1. INCLUDE ALL LABOR, MATERIALS, EQUIPMENT, PLANT SERVICES AND ADMINISTRATIVE TASKS REQUIRED TO COMPLETE AND MAKE OPERABLE THE ELECTRICAL WORK SHOWN ON THE DRAWINGS AND SPECIFIED HEREIN, INCLUDING BUT NOT LIMITED TO THE FOLLOWING:

- A. PREPARE AND SUBMIT SHOP DRAWINGS, DIAGRAMS AND ILLUSTRATIONS.
 - B. PROCURE ALL NECESSARY PERMITS AND APPROVALS AND PAY ALL REQUIRED FEES AND CHARGES IN CONNECTION WITH THE WORK OF THIS CONTRACT.
 - C. SUBMIT AS-BUILT DRAWINGS, OPERATING AND MAINTENANCE INSTRUCTIONS AND MANUALS.
 - D. EXECUTE ALL CUTTING, DRILLING, ROUGH AND FINISH PATCHING OF EXISTING OR NEWLY INSTALLED CONSTRUCTION REQUIRED FOR THE WORK OF THIS CONTRACT. FOR SLAB PENETRATIONS THROUGH POST TENSION SLABS, X-RAY EXACT AREA OF PENETRATION PRIOR TO PERFORMING WORK. COORDINATE ALL X-RAY WORK WITH BUILDING ENGINEER.
 - E. PROVIDE HANGERS, SUPPORTS, FOUNDATIONS, STRUCTURAL FRAMING SUPPORTS, AND BASES FOR CONDUIT AND EQUIPMENT PROVIDED OR INSTALLED UNDER THE WORK OF HIS CONTRACT. PROVIDE COUNTER FLASHING, SLEEVES AND SEALS FOR FLOOR AND WALL PENETRATIONS.
 - F. MAINTAIN ALL EXISTING ELECTRICAL SERVICES IN THE BUILDING AREAS NOT AFFECTED BY THE ALTERATION DURING THE PROGRESS OF THE WORK INCLUDING PROVIDING ALL TEMPORARY JUMPERS, CONDUITS, CAPS, PROTECTIVE DEVICES, CONNECTIONS AND EQUIPMENT REQUIRED. PROVIDE TEMPORARY LIGHT AND POWER FOR CONSTRUCTION PURPOSES.
2. IT IS THE INTENT OF THESE DRAWINGS AND SPECIFICATIONS TO CALL FOR AN INSTALLATION THAT IS COMPLETE IN EVERY RESPECT. IT IS NOT THE INTENT TO GIVE EVERY DETAIL ON THE DRAWINGS AND IN THE SPECIFICATIONS. IF AN ITEM OF WORK IS INDICATED IN THE DRAWINGS, IT IS CONSIDERED SUFFICIENT FOR INCLUSION IN THE CONTRACT. FURNISH AND INSTALL ALL MATERIAL AND EQUIPMENT USUALLY FURNISHED OR NEEDED TO MAKE A COMPLETE INSTALLATION WHETHER OR NOT SPECIFICALLY MENTIONED IN THE CONTRACT DOCUMENTS.

GENERAL REQUIREMENTS

1. PROVIDE ALL WORK IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE (NEC) AND LOCAL AND STATE ELECTRICAL CODES.
 2. THE ELECTRICAL PLANS ARE DIAGRAMMATIC ONLY. REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT DIMENSIONS OF THE BUILDING.
 3. LOAD CALCULATIONS ARE BASED ON EXISTING BUILDING INFORMATION/DRAWINGS PROVIDED TO ENGINEERING. CONTRACTOR IS TO VERIFY ALL EXISTING RATINGS AND LOADS PRIOR TO PURCHASING OF SPECIFIED EQUIPMENT FOR COMPLIANCE TO NEC. CONTRACTOR TO NOTIFY ENGINEER OF ANY DISCREPANCIES AND REQUEST FURTHER DIRECTION BY ENGINEER.
 4. EXISTING BUILDING EQUIPMENT IS NOTED ON THE DRAWINGS. NEW OR RELOCATED EQUIPMENT IS SHOWN WITH SOLID LINES. FUTURE EQUIPMENT (NOT IN THIS CONTRACT) IS DEPICTED WITH SHADED LINES. REQUEST CLARIFICATION OF DRAWINGS OR OF SPECIFICATIONS PRIOR TO PRICING OR INSTALLATION.
 5. GENERAL
 - A. AFTER CAREFULLY STUDYING THE DRAWINGS AND SPECIFICATIONS, AND BEFORE SUBMITTING THE PROPOSAL, MAKE A MANDATORY SITE VISIT TO ASCERTAIN CONDITIONS OF THE SITE, AND THE NATURE AND EXACT QUANTITY OF WORK TO BE PERFORMED. NO EXTRA COMPENSATION WILL BE ALLOWED FOR FAILURE TO NOTIFY THE OWNER, IN WRITING, OF ANY DISCREPANCIES THAT MAY HAVE BEEN NOTED BETWEEN THE EXISTING CONDITIONS AND THE DRAWINGS AND SPECIFICATIONS.
 - B. VERIFY ALL MEASUREMENTS AT THE SITE AND BE RESPONSIBLE FOR CORRECTNESS OF SAME.
 6. QUALITY, WORKMANSHIP, MATERIALS AND SAFETY
 - A. PROVIDE NEW MATERIALS AND EQUIPMENT OF A DOMESTIC MANUFACTURER BY THOSE REGULARLY ENGAGED IN THE PRODUCTION AND MANUFACTURE OF SPECIFIED MATERIALS AND EQUIPMENT. WHERE UL, OR OTHER AGENCY, HAS ESTABLISHED STANDARDS FOR MATERIALS, PROVIDE MATERIALS WHICH ARE LISTED AND LABELED ACCORDINGLY. THE COMMERCIAL STANDARD ITEMS OF EQUIPMENT AND THE SPECIFIC NAMES MENTIONED HEREIN ARE INTENDED FOR THE PROPER FUNCTIONING OF THE WORK.
 - B. WORK SHALL BE PERFORMED BY WORKMEN SKILLED IN THE TRADE REQUIRED FOR THE WORK. INSTALL MATERIALS AND EQUIPMENT TO PRESENT A NEAT APPEARANCE WHEN COMPLETED AND IN ACCORDANCE WITH THE APPROVED RECOMMENDATIONS OF THE MANUFACTURER AND IN ACCORDANCE WITH CONTRACT DOCUMENTS.
 - C. PROVIDE LABOR, MATERIALS, APPARATUS AND APPLIANCES ESSENTIAL TO THE FUNCTIONING OF THE SYSTEMS DESCRIBED OR INDICATED HEREIN, OR WHICH MAY BE REASONABLY IMPLIED AS ESSENTIAL WHENEVER MENTIONED IN THE CONTRACT DOCUMENT OR NOT.
 - D. MAKE WRITTEN REQUESTS FOR SUPPLEMENTARY INSTRUCTIONS TO ARCHITECT/ENGINEER IN CASE OF DOUBT AS TO WORK INTENDED OR IN EVENT OF NEED FOR EXPLANATION THEREOF.
 - E. PERFORMANCE AND MATERIAL REQUIREMENTS SCHEDULED OR SPECIFIED ARE MINIMUM STANDARD ACCEPTABLE. THE RIGHT TO JUDGE THE QUALITY OF EQUIPMENT THAT DEVIATES FROM THE CONTRACT DOCUMENT REMAINS SOLELY WITH ARCHITECT/ENGINEER. CONTRACT DOCUMENT OR NOT.
- GUARANTEE
1. GUARANTEE MATERIALS, PARTS AND LABOR FOR WORK FOR ONE YEAR FROM THE DATE OF ISSUANCE OF OCCUPANCY PERMIT. DURING THAT PERIOD, MAKE GOOD FAULTS OR IMPERFECTIONS THAT MAY ARISE DUE TO DEFECTS OR OMISSIONS IN MATERIALS OR WORKMANSHIP WITH NO ADDITIONAL COMPENSATION AND AS DIRECTED BY ARCHITECT.

CLEANING

1. REMOVE ALL CONSTRUCTION DEBRIS RESULTING FROM THE WORK.
2. CLEAN EQUIPMENT AND SYSTEMS FOLLOWING THE COMPLETION OF THE PROJECT TO THE SATISFACTION OF THE ENGINEER.

COORDINATION AND SUPERVISION

1. CAREFULLY LAY OUT ALL WORK IN ADVANCE TO AVOID UNNECESSARY CUTTING, CHANNELING, CHASING OR DRILLING OF FLOORS, WALLS, PARTITIONS, CEILING OR OTHER SURFACES. WHERE SUCH WORK IS NECESSARY, HOWEVER, PATCH AND REPAIR THE WORK IN AN APPROVED MANNER BY SKILLED MECHANICS AT NO ADDITIONAL COST TO THE OWNER. RENDER FULL COOPERATION TO OTHER TRADES WHERE WORK WILL BE INSTALLED IN CLOSE PROXIMITY TO WORK OF OTHER TRADES. ASSIST IN WORKING OUT SPACE CONDITIONS. IF WORK IS INSTALLED BEFORE COORDINATION WITH OTHER TRADES, OR CAUSES INTERFERENCE, MAKE CHANGES NECESSARY TO CORRECT CONDITIONS WITHOUT EXTRA CHARGE.

SUBMITTALS

1. AS-BUILT DRAWINGS:
 - A. UPON COMPLETION OF THE WORK, FURNISH TO THE OWNER "AS-BUILT" DRAWINGS.
2. SERVICE MANUALS:
 - A. UPON COMPLETION OF THE WORK, FULLY INSTRUCT T-MOBILE AS TO THE OPERATION AND MAINTENANCE OF ALL MATERIAL, EQUIPMENT AND SYSTEMS.
 - B. PROVIDE 3 COMPLETE BOUND SETS OF INSTRUCTIONS FOR OPERATING AND MAINTAINING ALL SYSTEMS AND EQUIPMENT.

CUTTING AND PATCHING

1. PROVIDE ALL CUTTING, DRILLING, ROUGH AND FINISH PATCHING REQUIRED TO COMPLETE THE WORK.
2. OBTAIN OWNER APPROVAL PRIOR TO CUTTING THROUGH FLOORS OR WALLS FOR PIPING OR CONDUIT.

TESTS, INSPECTION AND APPROVAL

1. BEFORE ENERGIZING ANY ELECTRICAL INSTALLATION, INSPECT EACH UNIT IN DETAIL. TIGHTEN ALL BOLTS AND CONNECTIONS (TORQUE-TIGHTEN WHERE REQUIRED) AND DETERMINE THAT ALL COMPONENTS ARE ALIGNED, AND THE EQUIPMENT IS IN SAFE, OPERATIONAL CONDITION.
2. PROVIDE THE COMPLETE ELECTRICAL SYSTEM FREE OF GROUND FAULTS AND SHORT CIRCUITS SUCH THAT THE SYSTEM WILL OPERATE SATISFACTORILY UNDER FULL LOAD CONDITIONS, WITHOUT EXCESSIVE HEATING AT ANY POINT IN THE SYSTEM.

SPECIAL REQUIREMENTS

1. DO NOT LEAVE ANY WORK INCOMPLETE NOR ANY HAZARDOUS SITUATIONS CREATED WHICH WILL AFFECT THE LIFE OR SAFETY OF THE PUBLIC AND/OR BUILDING OCCUPANTS. DO NOT INTERFERE WITH OR CUTOFF ANY OF THE EXISTING SERVICES WITHOUT THE OWNER'S WRITTEN PERMISSION.
2. WHEN NECESSARY TO TEMPORARILY DISCONNECT ANY EXISTING BUILDING UTILITIES AND SERVICE SYSTEMS, INCLUDING FEEDER OR BRANCH CIRCUITING SUPPLYING EXISTING FACILITIES, CONFER WITH THE OWNER AND ARRANGE THE PERIOD OF INTERRUPTION FOR A TIME MUTUALLY AGREED UPON.
SHUTDOWN NOTE: SCHEDULE AND NOTIFY OWNER 48 HOURS PRIOR TO SHUTDOWN. ALL SHUTDOWN WORK TO BE SCHEDULED AT A TIME CONVENIENT TO OWNER.

GROUNDING

1. ROUTE ALL GROUNDING CONDUCTORS AS SHOWN ON CONDUIT/GROUNDING RISER.
2. ROUTE 500 KCMIL CU. THIN CONDUCTOR FROM THE MGB LOCATION TO BUILDING STEEL. VERIFY BUILDING STEEL IS EFFECTIVELY GROUNDED PER NEC TO THE MAIN SERVICE GROUNDING ELECTRODE CONDUCTOR (GEC).
3. MAKE ALL GROUND CONNECTIONS FROM MGB TO ELECTRICAL EQUIPMENT WITH 2 HOLE, CRIMP TYPE, BURNDY COMPRESSION TERMINATIONS, SIZED AS REQUIRED.
4. USE 1 HOLE, CRIMP TYPE, BURNDY COMPRESSIONS TERMINATIONS, SIZED AS REQUIRED, AT EQUIPMENT GROUND CONNECTIONS.
5. HIRE AN INDEPENDENT LAB TO PERFORM THE SPECIFIED OHMS TESTING. PROVIDE 4 SETS OF THE CERTIFIED DOCUMENTS TO THE OWNER FOR VERIFICATION PRIOR TO THE PROJECT COMPLETION.

RACEWAYS

1. ALL WIRING TO BE INSTALLED IN CONDUIT SYSTEMS IN ACCORDANCE WITH THE FOLLOWING:
 - A. EXTERIOR FEEDERS AND CONTROL, WHERE UNDERGROUND, TO BE IN SCH 40 PVC.
 - B. EXTERIOR, ABOVE GROUND POWER CONDUITS TO BE GALVANIZED RIGID STEEL (RGS).
 - C. ALL TELECOMMUNICATION CONDUITS, INTERIOR/EXTERIOR, TO BE EMT.
 - D. INSTALL PULL ROPES IN ALL NEW EMPTY CONDUITS INSTALLED ON THIS PROJECT.
 - E. ALL TELECOM CONDUITS AND PULL BOXES INSTALLED ON THIS PROJECT TO BE LABELED "T-MOBILE". OWNER WILL PROVIDE LABELS FOR CONTRACTOR TO INSTALL.
 - F. INTERIOR FEEDERS TO BE INSTALLED IN E.M.T. WITH STEEL COMPRESSION FITTINGS.
 - G. MINIMUM SIZE CONDUIT TO BE 3/4" TRADE SIZE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 - H. FINAL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT TO BE INSTALLED IN LIQUID-TIGHT FLEXIBLE METAL CONDUIT.
 - I. CONDUIT TO BE RUN CONCEALED IN CEILINGS, FINISHED AREAS OR DRYWALL PARTITIONS, UNLESS OTHERWISE NOTED.
 - J. THE ROUTING OF CONDUITS INDICATED ON THE DRAWINGS IS DIAGRAMMATIC. BEFORE INSTALLING ANY WORK, EXAMINE THE WORKING LAYOUTS AND SHOP DRAWINGS OF THE OTHER TRADES TO DETERMINE THE EXACT LOCATIONS AND CLEARANCES.
 - K. ALL EXTERIOR MOUNTING HARDWARE TO BE GALVANIZED STEEL. COORDINATE WITH BUILDING ENGINEER PRIOR TO ATTACHING TO BUILDING STRUCTURE.

RACEWAYS CONT'D

- L. PENETRATIONS OF WALLS, FLOORS AND ROOFS, FOR THE PASSAGE OF ELECTRICAL RACEWAYS, TO BE PROPERLY SEALED AFTER INSTALLATION OF RACEWAYS SO AS TO MAINTAIN THE STRUCTURAL OR WATERPROOF INTEGRITY OF THE WALL, FLOOR OR ROOF SYSTEM TO BE PENETRATED. SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE OR SMOKE RATED WALLS, CEILING OR SMOKE TIGHT CORRIDOR PARTITIONS TO MAINTAIN PROPER RATING OF WALL OR CEILING.
- M. PROVIDE ALL CONDUIT ENDS WITH INSULATED METALLIC GROUNDING BUSHINGS.
- N. CONDUIT TO BE SUPPORTED AT MAXIMUM DISTANCE OF 8'-0", OR AS REQUIRED BY NEC, IN HORIZONTAL AND VERTICAL DIRECTIONS.
- O. PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR ALL JUNCTION BOXES AND/OR OUTLET BOXES NOT USED IN EXPOSED AREAS. PROVIDE ALL OTHER UNUSED BOXES WITH STANDARD STEEL COVER PLATES.
- P. WHERE APPLICABLE, PROVIDE ROOFTOP CONDUIT SUPPORT SYSTEM, CONFORMING TO ROOFTOP WARRANTY REQUIREMENTS, PER BUILDING.

WIRES AND CABLES

1. CONTRACTOR TO COORDINATE WITH EQUIPMENT SUPPLIER AND VENDOR FOR EXACT EQUIPMENT OVER-CURRENT PROTECTION VOLTAGE, WIRE SIZE AND PLUG CONFIGURATION, IF APPLICABLE, PRIOR TO BID.
2. ALL EQUIPMENT/DEVICES TO BE PROVIDED WITH INSULATED GROUND CONDUCTOR.
3. ALL WIRE AND CABLE TO BE 600VOLT, COPPER, WITH THWN/THHN INSULATION, EXCEPT AS NOTED.
4. WIRE FOR POWER AND LIGHTING WILL NOT BE LESS THAN NO. 12AWG. ALL WIRE NO. 8 AND LARGER TO BE STRANDED.
5. CONTROL WIRING IS NOT TO BE LESS THAN NO. 14AWG, FLEXIBLE IN SINGLE CONDUCTORS OR MULTI-CONDUCTOR CABLES. CONTROL WIRING WILL CONSIST OF MULTI-CONDUCTOR CABLES WHEREVER POSSIBLE. CABLES TO BE PROVIDED WITH AN OVERALL FLAME-RETARDANT, EXTRUDED JACKET AND RATED FOR PLENUM USE. ALL CONTROL WIRE TO BE 600VOLT RATED.
6. WIRE PREVIOUSLY PULLED INTO CONDUIT IS CONSIDERED USED AND IS NOT TO BE RE-PULLED.
7. HOME RUNS AND BRANCH CIRCUIT WIRING FOR 20A, 120V CIRCUITS:

LENGTH (FT.)	HOME RUN WIRE SIZE
0 TO 50	NO. 12
51 TO 100	NO. 10
101 TO 150	NO. 8
8. VOLTAGE DROP IS NOT TO EXCEED 3%.
9. MAKE ALL CONNECTIONS WITH UL APPROVED, SOLDERLESS, PRESSURE TYPED INSULATED CONNECTORS: SCOTCHLOK OR AN APPROVED EQUAL.

WIRING DEVICES

1. ALL RECEPTACLES INSTALLED IN THIS PROJECT TO BE GROUNDING TYPE, WITH GROUNDING PIN SLOT CONNECTED TO DEVICE GROUND SCREW FOR GROUND WIRE CONNECTION.

DISCONNECT SWITCHES AND FUSES

1. DISCONNECT SWITCHES TO BE VOLTAGE-RATED TO SUIT THE CHARACTERISTICS OF THE SYSTEM FROM WHICH THEY ARE SUPPLIED.
 2. PROVIDE HEAVY-DUTY, METAL-ENCLOSED, EXTERNALLY-OPERATED DISCONNECT SWITCHES, FUSED OR UNFUSED, OF SUCH TYPE AND SIZE AS REQUIRED TO PROPERLY PROTECT OR DISCONNECT THE LOAD FOR WHICH THEY ARE INTENDED.
 3. PROVIDE NEMA 1 DISCONNECT SWITCHES FOR INTERIOR INSTALLATION, NEMA 3R FOR EXTERIOR INSTALLATION.
 4. DISCONNECT SWITCHES TO BE MANUFACTURED BY:
 - A. GENERAL ELECTRIC COMPANY
 - B. SQUARE-D
 5. PROVIDE RK-1 TYPE FUSES, UNLESS NOTED OTHERWISE.
- INSTALLATION
1. INSTALL DISCONNECT SWITCHES WHERE INDICATED ON DRAWINGS.
 2. INSTALL FUSES IN FUSIBLE DISCONNECT SWITCHES. FUSES MUST MATCH IN TYPE AND RATING.
 3. FUSES TO BE MOUNTED SO THAT THE LABELS SHOWING THEIR RATINGS CAN BE READ WITHOUT REQUIRING FUSE REMOVAL.
 4. FURNISH AND DEPOSIT SPARE FUSES AT THE JOB SITE AS FOLLOWS:
 - A. THREE SPARES FOR EACH TYPE AND SIZE, IN EXCESS OF 60A, USED FOR INITIAL FUSING.
 - B. TEN PERCENT SPARES FOR EACH TYPE AND SIZE, UP TO AND INCLUDING 60A, USED FOR INITIAL FUSING. IN NO CASE WILL LESS THAN THREE FUSES OF ONE PARTICULAR TYPE AND SIZE BE FURNISHED.

GENERAL NOTES:

INTENT

1. THESE SPECIFICATIONS AND CONSTRUCTION DRAWINGS ACCOMPANYING THEM DESCRIBE THE WORK TO BE DONE AND THE MATERIALS TO BE FURNISHED FOR CONSTRUCTION.
2. THE DRAWINGS AND SPECIFICATIONS ARE INTENDED TO BE FULLY EXPLANATORY AND SUPPLEMENTARY. HOWEVER, SHOULD ANYTHING BE SHOWN, INDICATED, OR SPECIFIED ON ONE AND NOT THE OTHER, IT SHALL BE DONE THE SAME AS IF SHOWN, INDICATED OR SPECIFIED IN BOTH.
3. THE INTENTION OF THE DOCUMENTS IS TO INCLUDE ALL LABOR AND MATERIALS REASONABLY NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK AS STIPULATED IN THE CONTRACT.
4. THE PURPOSE OF THE SPECIFICATIONS IS TO INTERPRET THE INTENT OF THE DRAWINGS AND TO DESIGNATE THE METHOD OF THE PROCEDURE, TYPE AND QUALITY OF MATERIALS REQUIRED TO COMPLETE THE WORK.
5. MINOR DEVIATIONS FROM THE DESIGN LAYOUT ARE ANTICIPATED AND SHALL BE CONSIDERED AS PART OF THE WORK. NO CHANGES THAT ALTER THE CHARACTER OF THE WORK WILL BE MADE OR PERMITTED BY THE OWNER WITHOUT ISSUING A CHANGE ORDER.

CONFLICTS

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATIONS OF ALL MEASUREMENTS AT THE SITE BEFORE ORDERING ANY MATERIALS OR DOING ANY WORK. NO EXTRA CHARGE OR COMPENSATION SHALL BE ALLOWED DUE TO DIFFERENCE BETWEEN ACTUAL DIMENSIONS AND DIMENSIONS INDICATED ON THE CONSTRUCTION DRAWINGS. ANY SUCH DISCREPANCY IN DIMENSION WHICH MAY BE FOUND SHALL BE SUBMITTED TO THE OWNER FOR CONSIDERATION BEFORE THE CONTRACTOR PROCEEDS WITH THE WORK IN THE AFFECTED AREAS.
2. THE BIDDER, IF AWARDED THE CONTRACT, WILL NOT BE ALLOWED ANY EXTRA COMPENSATION BY REASON OF ANY MATTER OR THING CONCERNING SUCH BIDDER MIGHT HAVE FULLY INFORMED THEMSELVES PRIOR TO THE BIDDING.
3. NO PLEA OF IGNORANCE OF CONDITIONS THAT EXIST, OR OF DIFFICULTIES OR CONDITIONS THAT MAY BE ENCOUNTERED, OR OF ANY OTHER RELEVANT MATTER CONCERNING THE WORK TO BE PERFORMED IN THE EXECUTION OF THE WORK WILL BE ACCEPTED AS AN EXCUSE FOR ANY FAILURE OR OMISSION ON THE PART OF THE CONTRACTOR TO FULFILL EVERY DETAIL OF ALL THE REQUIREMENTS OF THE CONTRACT DOCUMENTS GOVERNING THE WORK.

CONTRACTS AND WARRANTIES

1. CONTRACTOR IS RESPONSIBLE FOR APPLICATION AND PAYMENT OF CONTRACTOR LICENSES AND BONDS.
2. SEE MASTER CONTRACTOR SERVICES AGREEMENT FOR ADDITIONAL DETAILS.

STORAGE

1. ALL MATERIALS MUST BE STORED IN A LEVEL AND DRY FASHION AND IN A MANNER THAT DOES NOT NECESSARILY OBSTRUCT THE FLOW OF OTHER WORK. ANY STORAGE METHOD MUST MEET ALL RECOMMENDATIONS OF THE ASSOCIATED MANUFACTURER.

CLEANUP

1. THE CONTRACTORS SHALL, AT ALL TIMES, KEEP THE SITE FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH CAUSED BY THEIR EMPLOYEES AT WORK AND AT THE COMPLETION OF THE WORK. THEY SHALL REMOVE ALL RUBBISH FROM AND ABOUT THE BUILDING AREA, INCLUDING ALL THEIR TOOLS, SCAFFOLDING AND SURPLUS MATERIALS AND SHALL LEAVE THEIR WORK CLEAN AND READY TO USE.
2. EXTERIOR
 - A. VISUALLY INSPECT EXTERIOR SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIALS, SMUDGES AND OTHER FOREIGN MATTER.
 - B. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.
 - C. IF NECESSARY, TO ACHIEVE A UNIFORM DEGREE OF CLEANLINESS, HOSE DOWN THE EXTERIOR OF THE STRUCTURE.
3. INTERIOR
 - A. VISUALLY INSPECT INTERIOR SURFACE AND REMOVE ALL TRACES OF SOIL, WASTE MATERIALS, SMUDGES AND OTHER FOREIGN MATTER FROM WALLS, FLOOR, AND CEILING.
 - B. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES.
 - C. REMOVE PAINT DROPPINGS, SPOTS, STAINS, AND DIRT FROM FINISHED SURFACES.

CHANGE ORDER PROCEDURE:

1. REFER TO SECTION 17 OF SIGNED MCSA: SEE PROFESSIONAL SERVICE AGREEMENT FOR MCSA.

RELATED DOCUMENTS AND COORDINATION

1. GENERAL CARPENTRY, ELECTRICAL AND ANTENNA DRAWINGS ARE INTERRELATED. IN PERFORMANCE OF THE WORK, THE CONTRACTOR MUST REFER TO ALL DRAWINGS. ALL COORDINATION TO BE THE RESPONSIBILITY OF THE CONTRACTOR.

SHOP DRAWINGS

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AS REQUIRED AND LISTED IN THESE SPECIFICATIONS TO THE OWNER FOR APPROVAL.
2. ALL SHOP DRAWINGS SHALL BE REVIEWED, CHECKED AND CORRECTED BY CONTRACTOR PRIOR TO SUBMITTAL TO THE OWNER.

PRODUCTS AND SUBSTITUTIONS

1. SUBMIT 3 COPIES OF EACH REQUEST FOR SUBSTITUTION. IN EACH REQUEST, IDENTIFY THE PRODUCT OR FABRICATION OR INSTALLATION METHOD TO BE REPLACED BY THE SUBSTITUTION. INCLUDE RELATED SPECIFICATION SECTION AND DRAWING NUMBERS AND COMPLETE DOCUMENTATION SHOWING COMPLIANCE WITH THE REQUIREMENTS FOR SUBSTITUTIONS.
2. SUBMIT ALL NECESSARY PRODUCT DATA AND CUT SHEETS WHICH PROPERLY INDICATE AND DESCRIBE THE ITEMS, PRODUCTS AND MATERIALS BEING INSTALLED. THE CONTRACTOR SHALL, IF DEEMED NECESSARY BY THE OWNER, SUBMIT ACTUAL SAMPLES TO THE OWNER FOR APPROVAL IN LIEU OF CUT SHEETS.

QUALITY ASSURANCE

1. ALL WORK SHALL BE IN ACCORDANCE WITH APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. THESE SHALL INCLUDE, BUT NOT BE LIMITED TO THE APPLICABLE CODES SET FORTH BY THE LOCAL GOVERNING BODY. SEE "CODE COMPLIANCE" T-1.

ADMINISTRATION

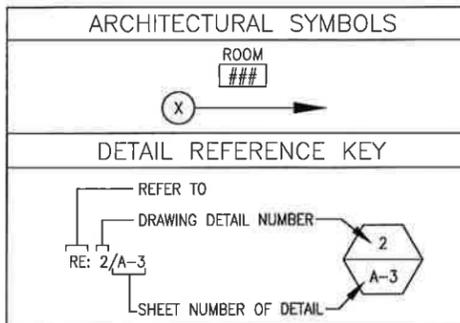
1. BEFORE THE COMMENCEMENT OF ANY WORK, THE CONTRACTOR WILL ASSIGN A PROJECT MANAGER WHO WILL ACT AS A SINGLE POINT OF CONTACT FOR ALL PERSONNEL INVOLVED IN THIS PROJECT. THIS PROJECT MANAGER WILL DEVELOP A MASTER SCHEDULE FOR THE PROJECT WHICH WILL BE SUBMITTED TO THE OWNER PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. SUBMIT A BAR TYPE PROGRESS CHART, NOT MORE THAN 3 DAYS AFTER THE DATE ESTABLISHED FOR COMMENCEMENT OF THE WORK ON THE SCHEDULE, INDICATING A TIME BAR FOR EACH MAJOR CATEGORY OR UNIT OF WORK TO BE PERFORMED AT THE SITE, PROPERLY SEQUENCED AND COORDINATED WITH OTHER ELEMENTS OF WORK AND SHOWING COMPLETION OF THE WORK SUFFICIENTLY IN ADVANCE OF THE DATE ESTABLISHED FOR SUBSTANTIAL COMPLETION OF THE WORK.
3. PRIOR TO COMMENCING CONSTRUCTION, THE OWNER SHALL SCHEDULE AN ON-SITE MEETING WITH ALL MAJOR PARTIES. THIS WOULD INCLUDE, BUT NOT LIMITED TO, THE OWNER, PROJECT MANAGER, CONTRACTOR, LAND OWNER REPRESENTATIVE, LOCAL TELEPHONE COMPANY, TOWER ERECTION FOREMAN (IF SUBCONTRACTED).
4. CONTRACTOR SHALL BE EQUIPPED WITH SOME MEANS OF CONSTANT COMMUNICATIONS, SUCH AS A MOBILE PHONE OR A BEEPER. THIS EQUIPMENT WILL NOT BE SUPPLIED BY THE OWNER, NOR WILL WIRELESS SERVICE BE ARRANGED.
5. DURING CONSTRUCTION, CONTRACTOR MUST ENSURE THAT EMPLOYEES AND SUBCONTRACTORS WEAR HARD HATS AT ALL TIMES. CONTRACTOR WILL COMPLY WITH ALL WPCS SAFETY REQUIREMENTS IN THEIR AGREEMENT.
6. PROVIDE WRITTEN DAILY UPDATES ON SITE PROGRESS TO THE OWNER.
7. COMPLETE INVENTORY OF CONSTRUCTION MATERIALS AND EQUIPMENT IS REQUIRED PRIOR TO START OF CONSTRUCTION.
8. NOTIFY THE OWNER/PROJECT MANAGER IN WRITING NO LESS THAN 48 HOURS IN ADVANCE OF CONCRETE POURS, TOWER ERECTIONS, AND EQUIPMENT CABINET PLACEMENTS.

INSURANCE AND BONDS

1. CONTRACTOR, AT THEIR OWN EXPENSE, SHALL CARRY AND MAINTAIN, FOR THE DURATION OF THE PROJECT, ALL INSURANCE, AS REQUIRED AND LISTED, AND SHALL NOT COMMENCE WITH THEIR WORK UNTIL THEY HAVE PRESENTED AN ORIGINAL CERTIFICATE OF INSURANCE STATING ALL COVERAGES TO THE OWNER. REFER TO THE MASTER AGREEMENT FOR REQUIRED INSURANCE LIMITS.
2. THE OWNER SHALL BE NAMED AS AN ADDITIONAL INSURED ON ALL POLICIES.
3. CONTRACTOR MUST PROVIDE PROOF OF INSURANCE.

ABBREVIATIONS

ADJ	ADJUSTABLE
AGL	ABOVE GROUND LINE
&	AND
APPROX	APPROXIMATE
@	AT
BTS	BASE TRANSMISSION STATION
CAB	CABINET
CLG	CEILING
CONC	CONCRETE
CONT	CONTINUOUS
DIA OR Ø	DIAMETER
DWG	DRAWING
EA	EACH
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EGB	EQUIPMENT GROUND BAR
(E)	EXISTING
EXT	EXTERIOR
FF	FINISHED FLOOR
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
GRND	GROUND
LG	LONG
MAX	MAXIMUM
MECH	MECHANICAL
MW	MICROWAVE DISH
MFR	MANUFACTURER
MGB	MASTER GROUND BAR
MIN	MINIMUM
MTL	METAL
(N)	NEW
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OC	ON CENTER
OPP	OPPOSITE
(P)	PROPOSED
PCS	PERSONAL COMMUNICATION SYSTEM
PCC	POWER PROTECTION CABINET
SF	SQUARE FOOT
SHT	SHEET
SIM	SIMILAR
SS	STAINLESS STEEL
STL	STEEL
TOC	TOP OF CONCRETE
TOM	TOP OF MASONRY
TYP	TYPICAL
VIF	VERIFY IN FIELD
UON	UNLESS OTHERWISE NOTED
WWF	WELDED WIRE FABRIC
W/	WITH



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SUBMITTALS

DATE	DESCRIPTION	REVISION
12/10/13	REVIEW	A
12/13/13	REVISED PER COMMENTS	B
1/20/14	FOR PERMIT	C

DEPT.	DATE	APP'D	REVISIONS
R/E			
RF MAN.			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-1091
DRAWN BY: JLM
CHECKED BY: AJD



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NOTE: IF DRAWINGS ARE 22"x34", USE GRAPHICAL SCALE AND/OR 1/2 TIMES OF THE NOTED SCALE.

SITE NAME
CTNH403A
LITCHFIELD ATC
15 OAKDALE AVE.
WINCHESTER, CT 06098

SHEET TITLE
GENERAL AND ELECTRICAL NOTES

SHEET NUMBER
N-1
SHEET 8 OF 8 SHEETS



AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 180 ft Monopole
ATC Site Name : Winchester CT 3, CT
ATC Site Number : 302506
Engineering Number : 55426921
Proposed Carrier : T-Mobile
Carrier Site Name : N/A
Carrier Site Number : CTNH403A
Site Location : 15 Oakdale Avenue
Winsted, CT 06098-1862
41.921694,-73.049500
County : Litchfield
Date : December 12, 2013
Max Usage : 99%
Result : Pass

Henry J. Harden



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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 T-Mobile.

Supporting Documents

Tower Drawings	EEI Job #7676, dated August 21, 2000
Foundation Drawing	SNET Project #F301804.10/F04, dated August 23, 2000
Geotechnical Report	Walti Project #Whalen's Hill, dated February 8, 2000
Modifications	ATC Job #42523432, dated October 24, 2008 ATC Job #50492933, dated October 15, 2012

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 meets the requirements per the applicable codes listed above. The tower and foundation can support the equipment as described in this report.

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

Existing and Reserved Equipment

Mount Elev. ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
180.0	1	Andrew ABT-D MDF-ADBH	Low Profile Platform	(12) 1 5/8" Coax (2) 0.78" 8 AWG 6 (1) 3" conduit (1) 0.40" Fiber	AT&T Mobility
	6	Powerwave LGP21401			
	6	Ericsson RRUS 11			
	6	Powerwave 7770.00			
	3	KMW AM-X-CD-16-65-00T-RET			
	1	10' Omni		(1) 7/8" Coax	USA Mobility
150.0	1	Sinclair SD210-SF2P4SNM	Side Arm	(1) 1 5/8" Coax	Litchfield County Dispatch
140.0	1	Telewave ANT150D	Side Arm	(6) 1 5/8" Coax (2) 1/2" Coax (2) 3/8" Coax (1) 7/8" Coax	Connecticut State Police Dept Of Public
	2	Bird 432-83H-01-T			
	3	Decibel DB809K-XT			
	1	Sinclair SC432D-HF6LDF			
132.0	3	Alcatel-Lucent 800 MHz RRH w/ Notch Filter	Flush	(6) 1 5/8" Coax (3) 1 1/4" Hybriflex	Sprint Nextel
	3	Alcatel-Lucent 1900MHz RRH			
	3	RFS APXVSP18-C-A20			
	6	Andrew DB980H90E-M	Platform w/ Handrails		
125.0	6	RFS FD9R6004/2C-3L	Low Profile Platform	(12) 1 5/8" Coax	Verizon Wireless
	2	Antel BXA-171085-12BF-EDIN-X			
	1	Antel BXA-171063-12BF-EDIN-X			
	2	Antel BXA-70063-6CF-EDIN-2			
	4	Antel LPA-80080/6CF			
	2	Antel LPA-80063/6CF			
	1	Antel BXA-70040/6CF			
114.5	12	Decibel DB844H90E-XY	Low Profile Platform	(12) 1 1/4" Coax	Sprint Nextel
105.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	Metro PCS
95.0	2	Andrew DB586	Side Arm	(2) 7/8" Coax (1) 1/2" Coax	Connecticut Light & Power Co.
	1	Bird 429-83H-01-T			
78.0	1	PCTEL GPS-TMG-HR-26N	Stand-Off	(1) 1/2" Coax	Sprint Nextel
30.0	1	GPS	Stand-Off	(1) 7/8" Coax	Verizon Wireless

Proposed Equipment

Elevation ¹ (ft)		Qty.	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
166.0	166.0	3	Ericsson KRY 112 144/1	Sector Frame	(12) 1 5/8" Coax (1) 1 1/4" Hybriflex	T-Mobile
		3	Ericsson AIR 21, 1.3 M, B2A B4P			
		3	Ericsson AIR 21, 1.3M, B4A B2P			

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

Install proposed coax inside the pole shaft.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	77%	Pass
Shaft	99%	Pass
Base Plate	20%	Pass
Reinforcement	82%	Pass

Foundations

Reaction Component	Foundation Capacities	Analysis Reactions	% of Design
Moment (Kips-Ft)	7,432.5	4,058.5	55%
Shear (Kips)	34.6	34.6	100%

The structure base reactions resulting from this analysis are acceptable when compared to those shown on the original structure drawings, therefore no modification or reinforcement of the foundation will be required.

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
166.0	4.096	3.332

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



Standard Conditions

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

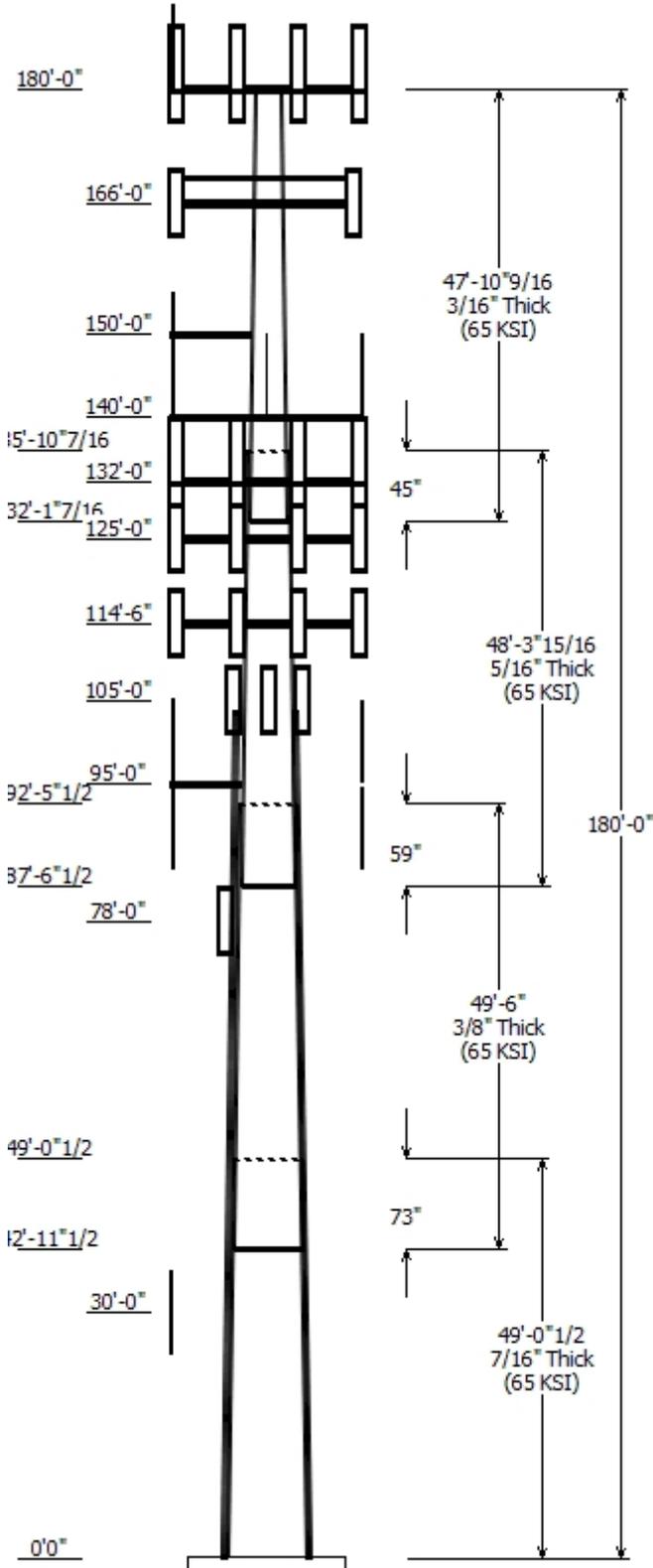
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

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

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

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

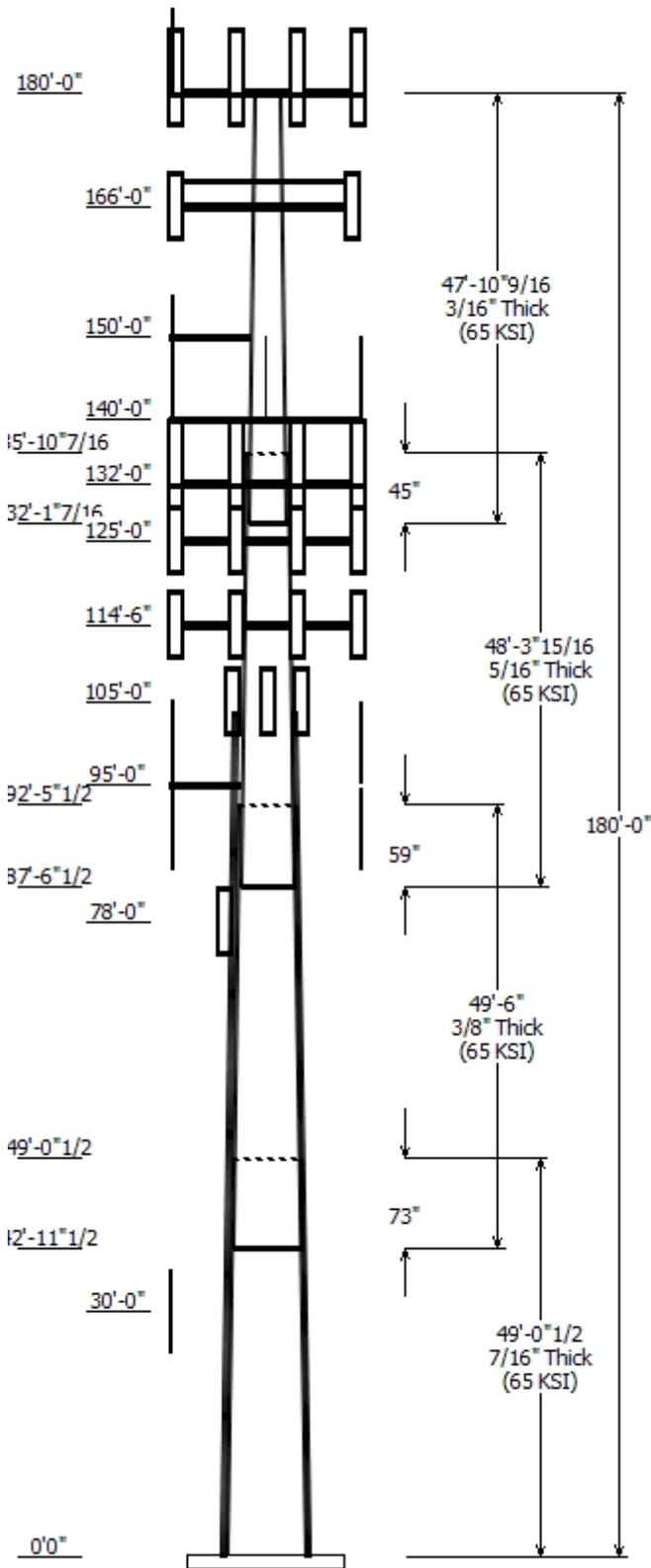
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Job Information	
Pole :	302506
Code:	TIA/EIA-222 Rev F
Description :	180 ft EEI Monopole
Client :	T- Mobile
Location :	Winchester CT 3, CT
Shape :	18 Sides
Height :	180.00 (ft)
Base Elev (ft):	0.00
Taper:	0.21944(in/ft)

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap		Steel Grade (ksi)
		Across Flats Top	Bottom			Length (in)	Taper (in/ft)	
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	184.000	1	10' Omni	
180.000	184.000	3	KMW AM-X-CD-16-65-00T-RET	
180.000	184.000	1	Andrew ABT-D MDF-ADBH	
180.000	184.000	6	Ericsson RRUS 11	
180.000	180.000	6	Powerwave 7770.00	
180.000	180.000	6	Powerwave LGP21401	
180.000	180.000	1	Flat Low Profile Platform	
166.000	166.000	3	Ericsson KRY 112 144/1	
166.000	166.000	3	Ericsson AIR 21, 1.3M, B2A B4P	
166.000	166.000	3	Ericsson AIR 21, 1.3M, B4A B2P	
166.000	166.000	3	Round Sector Frame	
150.000	150.000	1	Sinclair SD210C2-SF2P4SNM	
150.000	150.000	1	Round Side Arm	
140.000	140.000	2	Bird 432-83H-01-T	
140.000	146.000	3	Decibel DB809K-XT	
140.000	147.000	1	Sinclair SC432D-HF6LDF (I40-G0	
140.000	142.000	1	Telewave ANT150D	
140.000	140.000	3	Round Side Arm	
132.000	132.000	1	Flat Low Profile Platform	
132.000	134.000	3	RFS APXVSP18-C-A20	
132.000	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	2	Antel LPA-80063/6CF	
125.000	125.000	1	Antel BXA-70040/6CF	
125.000	125.000	6	RFS FD9R6004/2C-3L	
125.000	125.000	1	Antel BXA-171063-12BF-EDIN-X	
125.000	125.000	2	Antel BXA-171085-12BF-EDIN-X	
125.000	125.000	2	Antel BXA-70063/6CF-EDIN-2	
125.000	125.000	1	Round Low Profile Platform	
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-A20	
95.000	93.000	1	Andrew DB586	
95.000	97.000	1	Andrew DB586	
95.000	95.000	1	Bird 429-83H-01-T	
95.000	95.000	1	Flat Side Arm	
78.000	78.000	1	PCTEL GPS-TMG-HR-26N	
30.000	30.000	1	GPS	

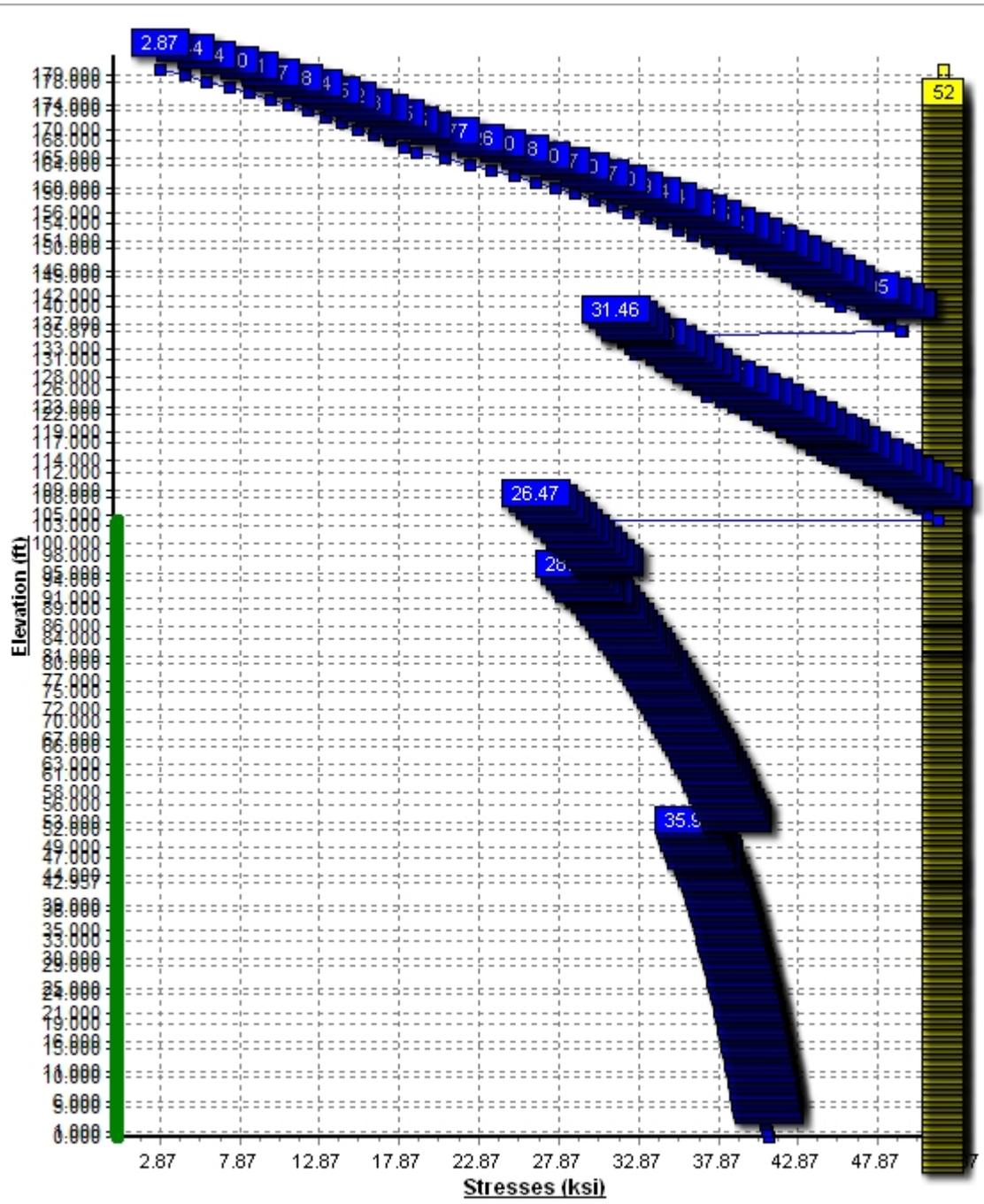


Linear Appurtenance			
Elev (ft)		Description	Exposed To Wind
From	To		
0.000	30.000	7/8" Coax	Yes
0.000	78.000	1/2" Coax	No
0.000	95.000	1/2" Coax	No
0.000	95.000	7/8" Coax	No
0.000	105.0	1 5/8" Coax	Yes
0.000	112.5	Reinforcement	Yes
0.000	114.5	1 1/4" Coax	Yes
0.000	125.0	1 5/8" Coax	Yes
0.000	132.0	1 1/4" Hybriflex	No
0.000	132.0	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 1/4" Hybriflex	Yes
0.000	166.0	1 5/8" Coax	Yes
0.000	180.0	0.40" Fiber Cable	No
0.000	180.0	0.78" 8 AWG 6	No
0.000	180.0	1 5/8" Coax	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	4253.24	35.96	53.24
Ice	3741.21	30.36	67.90
Twist/Sway	1663.87	14.05	53.25

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



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)

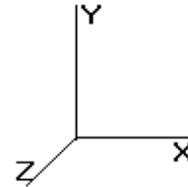
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Base Elev : 0.000 (ft)

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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom						Top							
							Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)	
1-18	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

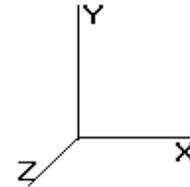
Attach Elev (ft)	Description	Qty	No Ice			Ice			Distance From Face (ft)	Vert Ecc (ft)
			Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor		
180.00	10' Omni	1	25.00	3.000	1.00	25.00	4.000	1.00	0.000	4.000
180.00	Andrew ABT-DMDF-ADBH	1	1.10	0.050	0.50	1.80	0.110	0.50	0.000	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	0.79	95.00	9.080	0.79	0.000	4.000
180.00	Powerwave 7770.00	6	35.00	5.880	0.77	67.63	6.530	0.77	0.000	0.000
180.00	Powerwave LGP21401	6	14.10	1.290	0.50	21.26	1.530	0.50	0.000	0.000
166.00	Ericsson AIR 21, 1.3M, B2A	3	83.00	6.530	0.86	132.60	7.200	0.86	0.000	0.000
166.00	Ericsson AIR 21, 1.3M, B4A	3	81.50	6.580	0.85	132.60	7.200	0.85	0.000	0.000
166.00	Ericsson KRY 112 144/1	3	11.00	0.410	0.50	14.10	0.550	0.50	0.000	0.000
166.00	Round Sector Frame	3	300.00	14.400	0.67	415.00	19.200	0.67	0.000	0.000
150.00	Round Side Arm	1	150.00	5.200	0.67	175.00	5.900	0.67	0.000	0.000
150.00	Sinclair SD210C2-SF2P4SNM	1	8.30	1.370	1.00	39.80	4.400	1.00	0.000	0.000
140.00	Bird 432-83H-01-T	2	25.00	1.630	0.50	29.20	1.290	0.50	0.000	0.000
140.00	Decibel DB809K-XT	3	30.00	3.660	1.00	64.00	4.920	1.00	0.000	6.000
140.00	Round Side Arm	3	150.00	5.200	1.00	175.00	5.900	1.00	0.000	0.000
140.00	Sinclair SC432D-HF6LDF (I40-	1	34.00	5.030	1.00	86.00	6.520	1.00	0.000	7.000
140.00	Telewave ANT150D	1	5.00	1.090	1.00	38.90	4.620	1.00	0.000	2.000
132.00	Alcatel-Lucent 1900MHz RRH	3	44.00	3.800	0.67	75.20	4.200	0.67	0.000	0.000
132.00	Alcatel-Lucent 800 MHz RRH	3	61.80	2.910	0.67	87.80	3.260	0.67	0.000	0.000
132.00	Andrew DB980H90E-M	6	8.50	3.900	0.79	29.47	4.470	0.79	0.000	2.000
132.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	1,700.00	31.600	1.00	0.000	0.000
132.00	RFS APXVSP18-C-A20	3	57.00	8.260	0.83	106.50	9.080	0.83	0.000	2.000
125.00	Antel BXA-171085-12BF-EDIN-	2	15.00	4.730	0.88	42.40	5.450	0.88	0.000	0.000
125.00	Antel BXA-70040/6CF	1	37.50	16.310	0.70	119.40	17.240	0.70	0.000	0.000
125.00	Antel BXA-70063/6CF-EDIN-2	2	17.00	7.730	0.77	58.00	8.540	0.77	0.000	0.000
125.00	Antel LPA-80063/6CF	2	27.00	10.340	0.95	101.00	11.180	0.95	0.000	0.000
125.00	Antel LPA-80080/6CF	4	21.00	9.100	0.75	50.00	9.930	0.75	0.000	0.000
125.00	Antel BXA-171063-12BF-EDIN-	1	15.00	4.730	0.88	42.40	5.460	0.88	0.000	0.000
125.00	RFS FD9R6004/2C-3L	6	3.10	0.360	0.50	5.40	0.500	0.50	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	0.92	40.30	4.290	0.92	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-A20	3	26.40	5.160	0.80	53.13	5.850	0.80	0.000	0.000
95.00	Andrew DB586	1	8.30	0.740	1.00	0.00	0.000	1.00	0.000	2.000
95.00	Andrew DB586	1	8.30	0.740	1.00	0.00	0.000	1.00	0.000	-2.000
95.00	Bird 429-83H-01-T	1	20.00	1.050	0.50	29.20	1.290	0.50	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	0.000
Totals		105	10236.90			13,967.17			Number of Loadings : 40	

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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Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	— No Ice —		— Ice —		Exposed To Wind
			Weight (lb/ft)	CaAa (sf/ft)	Weight (lb/ft)	CaAa (sf/ft)	
0.00	180.00	(1) 0.40" Fiber Cable	0.09	0.00	0.00	0.00	N
0.00	180.00	(2) 0.78" 8 AWG 6	0.59	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	(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	(1) 1 1/4" Hybriflex	1.00	0.00	0.00	0.00	Y
0.00	166.00	(12) 1 5/8" Coax	14.76	0.30	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	(2) 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	132.00	(3) 1 1/4" Hybriflex	3.00	0.00	0.00	0.00	N
0.00	132.00	(6) 1 5/8" Coax	7.38	0.00	0.00	0.00	N
0.00	125.00	(12) 1 5/8" Coax	8.90	0.30	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	112.50	(1) Reinforcement	0.00	0.60	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			10,798.39 (lb)		12,230.73 (lb)		

Additional Steel

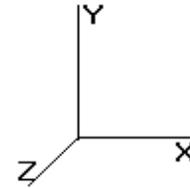
Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	— Intermediate Connections —			Connectors	Continuation?
						Description	Spacing (in)	Len (in)		
0.00	104.0	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	No

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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 Shape : 18 Sides
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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Segment Properties (Max Len : 1 ft)

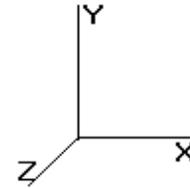
Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	Fb (ksi)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.4375	52.750	72.640	25,115.3	19.85	120.57	65	52	0.0	19.64	8,737	0.0
1.00		0.4375	52.531	72.335	24,800.6	19.76	120.07	65	52	246.7	19.64	8,672	66.8
2.00		0.4375	52.311	72.030	24,488.5	19.67	119.57	65	52	245.6	19.64	8,609	66.8
3.00		0.4375	52.092	71.726	24,179.0	19.58	119.07	65	52	244.6	19.64	8,545	66.8
4.00		0.4375	51.872	71.421	23,872.2	19.50	118.57	65	52	243.5	19.64	8,481	66.8
5.00		0.4375	51.653	71.116	23,567.9	19.41	118.06	65	52	242.5	19.64	8,418	66.8
6.00		0.4375	51.433	70.812	23,266.3	19.32	117.56	65	52	241.5	19.64	8,355	66.8
7.00		0.4375	51.214	70.507	22,967.2	19.23	117.06	65	52	240.4	19.64	8,293	66.8
8.00		0.4375	50.994	70.202	22,670.7	19.14	116.56	65	52	239.4	19.64	8,230	66.8
9.00		0.4375	50.775	69.897	22,376.8	19.05	116.06	65	52	238.4	19.64	8,168	66.8
10.00		0.4375	50.556	69.593	22,085.4	18.96	115.56	65	52	237.3	19.64	8,106	66.8
11.00		0.4375	50.336	69.288	21,796.6	18.88	115.05	65	52	236.3	19.64	8,044	66.8
12.00		0.4375	50.117	68.983	21,510.2	18.79	114.55	65	52	235.3	19.64	7,983	66.8
13.00		0.4375	49.897	68.679	21,226.5	18.70	114.05	65	52	234.2	19.64	7,921	66.8
14.00		0.4375	49.678	68.374	20,945.2	18.61	113.55	65	52	233.2	19.64	7,860	66.8
15.00		0.4375	49.458	68.069	20,666.4	18.52	113.05	65	52	232.1	19.64	7,799	66.8
16.00		0.4375	49.239	67.764	20,390.1	18.43	112.55	65	52	231.1	19.64	7,739	66.8
17.00		0.4375	49.019	67.460	20,116.3	18.35	112.04	65	52	230.1	19.64	7,678	66.8
18.00		0.4375	48.800	67.155	19,844.9	18.26	111.54	65	52	229.0	19.64	7,618	66.8
19.00		0.4375	48.581	66.850	19,576.0	18.17	111.04	65	52	228.0	19.64	7,558	66.8
20.00		0.4375	48.361	66.546	19,309.5	18.08	110.54	65	52	227.0	19.64	7,499	66.8
21.00		0.4375	48.142	66.241	19,045.5	17.99	110.04	65	52	225.9	19.64	7,439	66.8
22.00		0.4375	47.922	65.936	18,783.8	17.90	109.54	65	52	224.9	19.64	7,380	66.8
23.00		0.4375	47.703	65.631	18,524.6	17.82	109.03	65	52	223.8	19.64	7,321	66.8
24.00		0.4375	47.483	65.327	18,267.8	17.73	108.53	65	52	222.8	19.64	7,263	66.8
25.00		0.4375	47.264	65.022	18,013.3	17.64	108.03	65	52	221.8	19.64	7,204	66.8
26.00		0.4375	47.044	64.717	17,761.3	17.55	107.53	65	52	220.7	19.64	7,146	66.8
27.00		0.4375	46.825	64.413	17,511.6	17.46	107.03	65	52	219.7	19.64	7,088	66.8
28.00		0.4375	46.606	64.108	17,264.2	17.37	106.53	65	52	218.7	19.64	7,030	66.8
29.00		0.4375	46.386	63.803	17,019.2	17.28	106.03	65	52	217.6	19.64	6,973	66.8
30.00		0.4375	46.167	63.498	16,776.5	17.20	105.52	65	52	216.6	19.64	6,915	66.8
31.00		0.4375	45.947	63.194	16,536.2	17.11	105.02	65	52	215.6	19.64	6,858	66.8
32.00		0.4375	45.728	62.889	16,298.1	17.02	104.52	65	52	214.5	19.64	6,802	66.8
33.00		0.4375	45.508	62.584	16,062.4	16.93	104.02	65	52	213.5	19.64	6,745	66.8
34.00		0.4375	45.289	62.280	15,828.9	16.84	103.52	65	52	212.4	19.64	6,689	66.8
35.00		0.4375	45.069	61.975	15,597.7	16.75	103.02	65	52	211.4	19.64	6,633	66.8
36.00		0.4375	44.850	61.670	15,368.7	16.67	102.51	65	52	210.4	19.64	6,577	66.8
37.00		0.4375	44.631	61.365	15,142.0	16.58	102.01	65	52	209.3	19.64	6,521	66.8
38.00		0.4375	44.411	61.061	14,917.6	16.49	101.51	65	52	208.3	19.64	6,466	66.8
39.00		0.4375	44.192	60.756	14,695.4	16.40	101.01	65	52	207.3	19.64	6,411	66.8
40.00		0.4375	43.972	60.451	14,475.4	16.31	100.51	65	52	206.2	19.64	6,356	66.8
41.00		0.4375	43.753	60.147	14,257.6	16.22	100.01	65	52	205.2	19.64	6,301	66.8
42.00		0.4375	43.533	59.842	14,042.0	16.13	99.50	65	52	204.1	19.64	6,247	66.8
42.96	Bot - Section 2	0.4375	43.323	59.550	13,837.8	16.05	99.02	65	52	194.3	19.64	6,195	63.9
43.00		0.4375	43.314	59.537	13,828.6	16.05	99.00	65	52	16.5	19.64	6,379	2.9
44.00		0.4375	43.094	59.232	13,617.3	15.96	98.50	65	52	378.6	19.64	6,324	66.8
45.00		0.4375	42.875	58.928	13,408.2	15.87	98.00	65	52	376.6	19.64	6,269	66.8
46.00		0.4375	42.656	58.623	13,201.3	15.78	97.50	65	52	374.7	19.64	6,215	66.8
47.00		0.4375	42.436	58.318	12,996.5	15.69	97.00	65	52	372.8	19.64	6,161	66.8
48.00		0.4375	42.217	58.014	12,793.9	15.60	96.50	65	52	370.9	19.64	6,107	66.8
49.00		0.4375	41.997	57.709	12,593.3	15.52	95.99	65	52	368.9	19.64	6,054	66.8
49.04	Top - Section 1	0.3750	42.738	50.421	11,432.7	18.69	113.97	65	52	14.7	19.64	6,051	2.7
50.00		0.3750	42.528	50.171	11,263.0	18.59	113.41	65	52	164.3	19.64	6,000	64.1
51.00		0.3750	42.308	49.909	11,088.0	18.48	112.82	65	52	170.3	19.64	5,947	66.8
52.00		0.3750	42.089	49.648	10,914.8	18.38	112.24	65	52	169.4	19.64	5,894	66.8
53.00		0.3750	41.869	49.387	10,743.5	18.28	111.65	65	52	168.5	19.64	5,842	66.8
54.00		0.3750	41.650	49.126	10,573.9	18.17	111.07	65	52	167.6	19.64	5,789	66.8
55.00		0.3750	41.431	48.865	10,406.2	18.07	110.48	65	52	166.7	19.64	5,737	66.8

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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56.00		0.3750	41.211	48.603	10,240.2	17.97	109.90	65	52	165.8	19.64	5,685	66.8
57.00		0.3750	40.992	48.342	10,076.0	17.86	109.31	65	52	164.9	19.64	5,633	66.8
58.00		0.3750	40.772	48.081	9,913.6	17.76	108.73	65	52	164.1	19.64	5,582	66.8
59.00		0.3750	40.553	47.820	9,752.9	17.66	108.14	65	52	163.2	19.64	5,531	66.8
60.00		0.3750	40.333	47.559	9,594.0	17.55	107.56	65	52	162.3	19.64	5,480	66.8
61.00		0.3750	40.114	47.298	9,436.8	17.45	106.97	65	52	161.4	19.64	5,429	66.8
62.00		0.3750	39.894	47.036	9,281.3	17.35	106.39	65	52	160.5	19.64	5,378	66.8
63.00		0.3750	39.675	46.775	9,127.5	17.24	105.80	65	52	159.6	19.64	5,328	66.8
64.00		0.3750	39.456	46.514	8,975.5	17.14	105.21	65	52	158.7	19.64	5,278	66.8
65.00		0.3750	39.236	46.253	8,825.1	17.04	104.63	65	52	157.8	19.64	5,228	66.8
66.00		0.3750	39.017	45.992	8,676.5	16.94	104.04	65	52	156.9	19.64	5,179	66.8
67.00		0.3750	38.797	45.730	8,529.5	16.83	103.46	65	52	156.1	19.64	5,129	66.8
68.00		0.3750	38.578	45.469	8,384.2	16.73	102.87	65	52	155.2	19.64	5,080	66.8
69.00		0.3750	38.358	45.208	8,240.5	16.63	102.29	65	52	154.3	19.64	5,031	66.8
70.00		0.3750	38.139	44.947	8,098.5	16.52	101.70	65	52	153.4	19.64	4,983	66.8
71.00		0.3750	37.919	44.686	7,958.2	16.42	101.12	65	52	152.5	19.64	4,934	66.8
72.00		0.3750	37.700	44.424	7,819.4	16.32	100.53	65	52	151.6	19.64	4,886	66.8
73.00		0.3750	37.481	44.163	7,682.3	16.21	99.95	65	52	150.7	19.64	4,838	66.8
74.00		0.3750	37.261	43.902	7,546.8	16.11	99.36	65	52	149.8	19.64	4,791	66.8
75.00		0.3750	37.042	43.641	7,412.9	16.01	98.78	65	52	148.9	19.64	4,743	66.8
76.00		0.3750	36.822	43.380	7,280.6	15.90	98.19	65	52	148.1	19.64	4,696	66.8
77.00		0.3750	36.603	43.119	7,149.9	15.80	97.61	65	52	147.2	19.64	4,649	66.8
78.00		0.3750	36.383	42.857	7,020.8	15.70	97.02	65	52	146.3	19.64	4,602	66.8
79.00		0.3750	36.164	42.596	6,893.2	15.59	96.44	65	52	145.4	19.64	4,556	66.8
80.00		0.3750	35.944	42.335	6,767.2	15.49	95.85	65	52	144.5	19.64	4,510	66.8
81.00		0.3750	35.725	42.074	6,642.7	15.39	95.27	65	52	143.6	19.64	4,464	66.8
82.00		0.3750	35.506	41.813	6,519.7	15.28	94.68	65	52	142.7	19.64	4,418	66.8
83.00		0.3750	35.286	41.551	6,398.3	15.18	94.10	65	52	141.8	19.64	4,372	66.8
84.00		0.3750	35.067	41.290	6,278.4	15.08	93.51	65	52	140.9	19.64	4,327	66.8
85.00		0.3750	34.847	41.029	6,160.0	14.97	92.93	65	52	140.1	19.64	4,282	66.8
86.00		0.3750	34.628	40.768	6,043.1	14.87	92.34	65	52	139.2	19.64	4,237	66.8
87.00		0.3750	34.408	40.507	5,927.7	14.77	91.76	65	52	138.3	19.64	4,192	66.8
87.54	Bot - Section 3	0.3750	34.290	40.366	5,866.0	14.71	91.44	65	52	74.3	19.64	4,168	36.1
88.00		0.3750	34.189	40.246	5,813.8	14.67	91.17	65	52	116.8	19.64	4,275	30.7
89.00		0.3750	33.969	39.984	5,701.4	14.56	90.59	65	52	252.6	19.64	4,230	66.8
90.00		0.3750	33.750	39.723	5,590.4	14.46	90.00	65	52	250.9	19.64	4,186	66.8
91.00		0.3750	33.531	39.462	5,480.8	14.36	89.41	65	52	249.3	19.64	4,141	66.8
92.00		0.3750	33.311	39.201	5,372.7	14.25	88.83	65	52	247.7	19.64	4,097	66.8
92.46	Top - Section 2	0.3125	33.836	33.250	4,721.1	17.68	108.27	65	52	112.5	19.64	4,077	30.5
93.00		0.3125	33.717	33.132	4,670.9	17.61	107.89	65	52	61.4	19.64	4,053	36.3
94.00		0.3125	33.497	32.914	4,579.4	17.49	107.19	65	52	112.4	19.64	4,010	66.8
95.00		0.3125	33.278	32.696	4,489.2	17.37	106.49	65	52	111.6	19.64	3,966	66.8
96.00		0.3125	33.058	32.479	4,400.1	17.24	105.79	65	52	110.9	19.64	3,923	66.8
97.00		0.3125	32.839	32.261	4,312.2	17.12	105.08	65	52	110.1	19.64	3,880	66.8
98.00		0.3125	32.619	32.043	4,225.5	16.99	104.38	65	52	109.4	19.64	3,838	66.8
99.00		0.3125	32.400	31.826	4,140.0	16.87	103.68	65	52	108.7	19.64	3,795	66.8
100.0		0.3125	32.181	31.608	4,055.7	16.75	102.98	65	52	107.9	19.64	3,753	66.8
101.0		0.3125	31.961	31.390	3,972.4	16.62	102.28	65	52	107.2	19.64	3,711	66.8
102.0		0.3125	31.742	31.173	3,890.4	16.50	101.57	65	52	106.4	19.64	3,669	66.8
103.0		0.3125	31.522	30.955	3,809.5	16.38	100.87	65	52	105.7	19.64	3,628	66.8
104.0	Reinf. Top	0.3125	31.303	30.737	3,729.7	16.25	100.17	65	52	105.0	19.64	3,586	66.8
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)

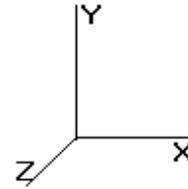
Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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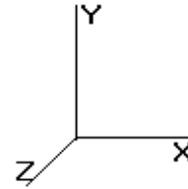
117.0		0.3125	28.450	27.908	2,791.6	14.64	91.04	65	52	95.3
118.0		0.3125	28.231	27.690	2,726.8	14.52	90.34	65	52	94.6
119.0		0.3125	28.011	27.473	2,663.0	14.39	89.64	65	52	93.9
120.0		0.3125	27.792	27.255	2,600.2	14.27	88.93	65	52	93.1
121.0		0.3125	27.572	27.037	2,538.4	14.15	88.23	65	52	92.4
122.0		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

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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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

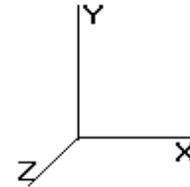
6,947.2

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)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Shaft Segment Forces

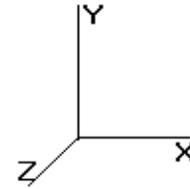
Seg Top												Wind	Dead	Tot Dead
Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Force X (lb)	Load Ice (lb)	Load (lb)	
0.00		0.00	1.00	16.384	27.68	351.66	0.650	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		0.00	1.00	16.384	27.68	350.20	0.650	0.000	1.00	4.387	2.85	79.0	0.0	313.5
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	312.4
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	311.4
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	310.3
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	309.3
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	308.3
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	307.2
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	306.2
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	305.2
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	304.1
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	303.1
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	302.1
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	301.0
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	300.0
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	298.9
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	297.9
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	296.9
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	295.8
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	294.8
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	293.8
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	292.7
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	291.7
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	290.6
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	289.6
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	288.6
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	287.5
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	286.5
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	285.5
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	284.4
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	283.4
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	282.4
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	281.3
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	280.3
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	279.2
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	278.2
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	277.2
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	276.1
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	275.1
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	274.1
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	273.0
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	272.0
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	270.9
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	258.2
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	19.4
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	445.4
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	443.4
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	441.5
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	439.6
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	437.7
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	435.7

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)

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Base Elev : 0.000 (ft)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

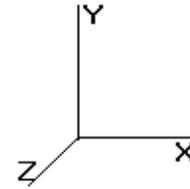
49.04	Top - Section 1	0.00	1.12	18.347	31.00	296.22	0.650	0.000	0.04	0.142	0.09	2.9	0.0	17.3
50.00		0.00	1.12	18.449	31.17	300.85	0.650	0.000	0.96	3.411	2.22	69.1	0.0	228.5
51.00		0.00	1.13	18.554	31.35	300.15	0.650	0.000	1.00	3.535	2.30	72.0	0.0	237.1
52.00		0.00	1.13	18.657	31.53	299.42	0.650	0.000	1.00	3.517	2.29	72.1	0.0	236.2
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	235.3
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	234.4
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	233.5
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	232.6
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	231.7
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	230.9
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	230.0
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	229.1
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	228.2
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	227.3
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	226.4
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	225.5
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	224.6
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	223.7
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	222.9
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	222.0
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	221.1
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	220.2
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	219.3
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	218.4
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	217.5
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	216.6
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	215.7
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	214.9
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	214.0
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	213.1
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	212.2
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	211.3
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	210.4
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	209.5
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	208.6
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	207.7
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	206.9
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	206.0
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	205.1
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	110.4
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	147.5
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	319.4
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	317.7
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	316.1
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	314.5
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	143.0
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	97.7
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	179.2
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	178.4
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	177.7
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	176.9
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	176.2
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	175.5
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	174.7
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	174.0
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	173.2
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	172.5

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)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.0	Reinf. Top	0.00	1.38	22.743	38.43	245.87	0.650	0.000	1.00	2.618	1.70	65.4	0.0	171.8
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		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)

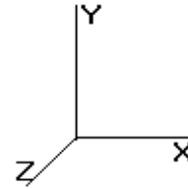
Code: TIA/EIA-222 Rev F

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Base Elev: 0.000 (ft)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

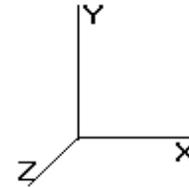
158.0		0.00	1.56	25.630	43.31	165.32	0.650	0.000	1.00	1.661	1.08	46.8	0.0	40.0
159.0		0.00	1.56	25.676	43.39	163.64	0.650	0.000	1.00	1.643	1.07	46.3	0.0	39.5
160.0		0.00	1.57	25.722	43.47	161.95	0.650	0.000	1.00	1.625	1.06	45.9	0.0	39.1
161.0		0.00	1.57	25.768	43.54	160.26	0.650	0.000	1.00	1.607	1.04	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		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	32,218.2

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

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

Discrete Appurtenance Segment Forces

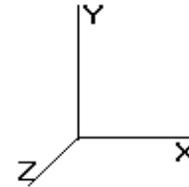
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	16.384	27.689	1.00	1.00	0.000	0.000	27.69	0.00	0.00	10.00
78.00	PCTEL GPS-TMG-HR-	1	20.949	35.403	1.00	0.09	0.000	0.000	3.19	0.00	0.00	0.60
95.00	Flat Side Arm	1	22.163	37.455	1.00	6.30	0.000	0.000	235.97	0.00	0.00	150.00
95.00	Bird 429-83H-01-T	1	22.163	37.455	0.50	0.52	0.000	0.000	19.66	0.00	0.00	20.00
95.00	Andrew DB586	1	22.295	37.679	1.00	0.74	0.000	2.000	27.88	0.00	55.76	8.30
95.00	Andrew DB586	1	22.028	37.228	1.00	0.74	0.000	-2.000	27.55	0.00	-55.10	8.30
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	0.92	41.18	0.000	0.000	1,626.87	0.00	0.00	168.00
114.5	Round Low Profile PI	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 LPA-80080/6CF	4	23.970	40.510	0.75	27.30	0.000	0.000	1,105.92	0.00	0.00	84.00
125.0	Round Low Profile PI	1	23.970	40.510	1.00	21.70	0.000	0.000	879.06	0.00	0.00	1,500.00
125.0	Antel BXA-70063/6CF-	2	23.970	40.510	0.77	11.90	0.000	0.000	482.24	0.00	0.00	34.00
125.0	Antel BXA-171085-12B	2	23.970	40.510	0.88	8.32	0.000	0.000	337.24	0.00	0.00	30.00
125.0	AntelBXA-171063-	1	23.970	40.510	0.88	4.16	0.000	0.000	168.62	0.00	0.00	15.00
125.0	RFS FD9R6004/2C-3L	6	23.970	40.510	0.50	1.08	0.000	0.000	43.75	0.00	0.00	18.60
125.0	Antel BXA-70040/6CF	1	23.970	40.510	0.70	11.42	0.000	0.000	462.50	0.00	0.00	37.50
125.0	Antel LPA-80063/6CF	2	23.970	40.510	0.95	19.65	0.000	0.000	795.86	0.00	0.00	54.00
132.0	Alcatel-Lucent 1900M	3	24.347	41.146	0.67	7.64	0.000	0.000	314.27	0.00	0.00	132.00
132.0	Alcatel-Lucent 800 M	3	24.347	41.146	0.67	5.85	0.000	0.000	240.66	0.00	0.00	185.40
132.0	Andrew DB980H90E-M	6	24.451	41.323	0.79	18.49	0.000	2.000	763.89	0.00	1,527.79	51.00
132.0	RFS APXVSPP18-C-	3	24.451	41.323	0.83	20.57	0.000	2.000	849.90	0.00	1,699.81	171.00
132.0	Flat Low Profile Pla	1	24.347	41.146	1.00	26.10	0.000	0.000	1,073.90	0.00	0.00	1,500.00
140.0	Round Side Arm	3	24.759	41.843	1.00	15.60	0.000	0.000	652.75	0.00	0.00	450.00
140.0	Telewave ANT150D	1	24.860	42.013	1.00	1.09	0.000	2.000	45.79	0.00	91.59	5.00
140.0	Sinclair SC432D-HF6L	1	25.107	42.431	1.00	5.03	0.000	7.000	213.43	0.00	1,493.98	34.00
140.0	Decibel DB809K-XT	3	25.058	42.348	1.00	10.98	0.000	6.000	464.98	0.00	2,789.88	90.00
140.0	Bird 432-83H-01-T	2	24.759	41.843	0.50	1.63	0.000	0.000	68.20	0.00	0.00	50.00
150.0	Round Side Arm	1	25.252	42.676	0.67	3.48	0.000	0.000	148.68	0.00	0.00	150.00
150.0	Sinclair SD210C2-SF2	1	25.252	42.676	1.00	1.37	0.000	0.000	58.47	0.00	0.00	8.30
166.0	Round Sector Frame	3	25.994	43.930	0.67	28.94	0.000	0.000	1,271.51	0.00	0.00	900.00
166.0	Ericsson AIR 21, 1,3	3	25.994	43.930	0.85	16.78	0.000	0.000	737.10	0.00	0.00	244.50
166.0	Ericsson AIR 21, 1,3	3	25.994	43.930	0.86	16.85	0.000	0.000	740.11	0.00	0.00	249.00
166.0	Ericsson KRY 112 144	3	25.994	43.930	0.50	0.62	0.000	0.000	27.02	0.00	0.00	33.00
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	Powerwave LGP21401	6	26.602	44.958	0.50	3.87	0.000	0.000	173.99	0.00	0.00	84.60
180.0	Powerwave 7770.00	6	26.602	44.958	0.77	27.17	0.000	0.000	1,221.32	0.00	0.00	210.00
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	Andrew ABT-DMDF-	1	26.770	45.241	0.50	0.03	0.000	4.000	1.13	0.00	4.52	1.10
180.0	KMW AM-X-CD-16-65-	3	26.770	45.241	0.79	19.58	0.000	4.000	885.66	0.00	3,542.62	145.50
180.0	10' Omni	1	26.770	45.241	1.00	3.00	0.000	4.000	135.72	0.00	542.90	25.00
									19,384.31			10,236.90

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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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	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces

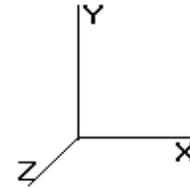
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
1.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
1.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
1.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
1.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
2.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
2.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
2.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
2.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
3.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
3.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
3.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
3.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
4.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
4.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
4.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
4.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
5.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
5.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
5.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
5.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
6.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
6.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
6.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
6.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
7.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
7.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
7.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
7.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
8.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	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: No Ice 80.00 mph Wind with No Ice 34 Iterations

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

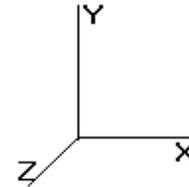
8.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
8.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
8.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
9.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
9.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
9.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
9.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
10.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
10.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
10.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
10.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
11.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
11.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
11.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
11.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
12.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
12.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
12.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
12.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
13.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
13.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
13.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
13.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
14.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
14.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
14.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
14.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
15.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
15.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
15.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
15.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
16.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
16.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90

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 34 Iterations

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

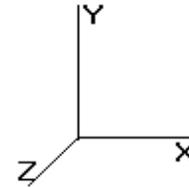
16.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
16.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
17.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
17.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
17.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
17.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
18.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
18.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
18.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
18.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
19.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
19.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
19.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
19.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
20.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
20.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
20.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
20.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
21.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
21.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
21.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
21.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
22.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
22.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
22.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
22.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
23.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
23.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
23.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
23.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
24.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
24.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
24.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	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)

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Load Case: No Ice 80.00 mph Wind with No Ice 34 Iterations

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

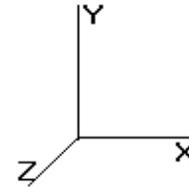
24.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	16.384	0.00	0.33
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
25.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
25.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
25.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
25.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
26.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
26.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
26.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
26.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
27.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
27.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
27.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
27.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
28.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
28.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
28.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
28.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
29.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
29.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
29.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
29.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
30.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
30.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
30.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
30.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
31.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
31.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
31.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
31.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
32.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
32.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
32.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
32.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
32.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	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: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

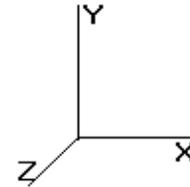
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.384	0.00	1.00
33.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.384	8.31	14.76
33.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.384	8.31	8.90
33.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.384	0.00	7.56
33.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.384	16.61	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.384	0.00	4.92
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.524	0.00	1.00
34.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.524	8.38	14.76
34.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.524	8.38	8.90
34.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.524	0.00	7.56
34.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.524	16.76	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.524	0.00	4.92
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.662	0.00	1.00
35.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.662	8.45	14.76
35.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.662	8.45	8.90
35.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.662	0.00	7.56
35.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.662	16.90	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.662	0.00	4.92
36.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.796	0.00	1.00
36.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.796	8.52	14.76
36.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.796	8.52	8.90
36.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.796	0.00	7.56
36.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.796	17.03	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.796	0.00	4.92
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	16.928	0.00	1.00
37.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	16.928	8.58	14.76
37.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	16.928	8.58	8.90
37.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	16.928	0.00	7.56
37.00	(1) Reinforcement	Yes	1.00	0.00	0.60	16.928	17.17	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	16.928	0.00	4.92
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.058	0.00	1.00
38.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.058	8.65	14.76
38.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.058	8.65	8.90
38.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.058	0.00	7.56
38.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.058	17.30	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.058	0.00	4.92
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.185	0.00	1.00
39.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.185	8.71	14.76
39.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.185	8.71	8.90
39.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.185	0.00	7.56
39.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.185	17.43	0.00
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.185	0.00	4.92
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.310	0.00	1.00
40.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.310	8.78	14.76
40.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.310	8.78	8.90
40.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.310	0.00	7.56
40.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.310	17.55	0.00
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.310	0.00	4.92
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.432	0.00	1.00
41.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.432	8.84	14.76
41.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.432	8.84	8.90
41.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.432	0.00	7.56
41.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.432	17.68	0.00
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.432	0.00	4.92
42.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.553	0.00	1.00
42.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.553	8.90	14.76
42.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.553	8.90	8.90

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

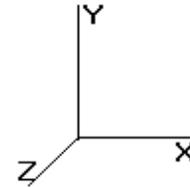
42.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.553	0.00	7.56
42.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.553	17.80	0.00
42.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.553	0.00	4.92
42.96	(1) 1 1/4" Hybriflex	Yes	0.96	1.00	0.00	17.666	0.00	0.96
42.96	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	17.666	8.57	14.12
42.96	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	17.666	8.57	8.51
42.96	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	17.666	0.00	7.23
42.96	(1) Reinforcement	Yes	0.96	0.00	0.60	17.666	17.14	0.00
42.96	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	17.666	0.00	4.71
43.00	(1) 1 1/4" Hybriflex	Yes	0.04	1.00	0.00	17.671	0.00	0.04
43.00	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	17.671	0.39	0.64
43.00	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	17.671	0.39	0.39
43.00	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	17.671	0.00	0.33
43.00	(1) Reinforcement	Yes	0.04	0.00	0.60	17.671	0.78	0.00
43.00	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	17.671	0.00	0.21
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.788	0.00	1.00
44.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.788	9.02	14.76
44.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.788	9.02	8.90
44.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.788	0.00	7.56
44.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.788	18.04	0.00
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.788	0.00	4.92
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	17.902	0.00	1.00
45.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	17.902	9.08	14.76
45.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	17.902	9.08	8.90
45.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	17.902	0.00	7.56
45.00	(1) Reinforcement	Yes	1.00	0.00	0.60	17.902	18.15	0.00
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	17.902	0.00	4.92
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.015	0.00	1.00
46.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.015	9.13	14.76
46.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.015	9.13	8.90
46.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.015	0.00	7.56
46.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.015	18.27	0.00
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.015	0.00	4.92
47.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.126	0.00	1.00
47.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.126	9.19	14.76
47.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.126	9.19	8.90
47.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.126	0.00	7.56
47.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.126	18.38	0.00
47.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.126	0.00	4.92
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.235	0.00	1.00
48.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.235	9.25	14.76
48.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.235	9.25	8.90
48.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.235	0.00	7.56
48.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.235	18.49	0.00
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.235	0.00	4.92
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.343	0.00	1.00
49.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.343	9.30	14.76
49.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.343	9.30	8.90
49.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.343	0.00	7.56
49.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.343	18.60	0.00
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.343	0.00	4.92
49.04	(1) 1 1/4" Hybriflex	Yes	0.04	1.00	0.00	18.347	0.00	0.04
49.04	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	18.347	0.37	0.59
49.04	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	18.347	0.37	0.36
49.04	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	18.347	0.00	0.30
49.04	(1) Reinforcement	Yes	0.04	0.00	0.60	18.347	0.74	0.00
49.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	18.347	0.00	0.20

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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 Shape : 18 Sides
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

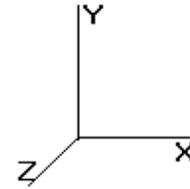
50.00	(1) 1 1/4" Hybriflex	Yes	0.96	1.00	0.00	18.449	0.00	0.96
50.00	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	18.449	8.98	14.17
50.00	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	18.449	8.98	8.54
50.00	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	18.449	0.00	7.26
50.00	(1) Reinforcement	Yes	0.96	0.00	0.60	18.449	17.96	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	18.449	0.00	4.72
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.554	0.00	1.00
51.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.554	9.41	14.76
51.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.554	9.41	8.90
51.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.554	0.00	7.56
51.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.554	18.81	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.554	0.00	4.92
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.657	0.00	1.00
52.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.657	9.46	14.76
52.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.657	9.46	8.90
52.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.657	0.00	7.56
52.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.657	18.92	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.657	0.00	4.92
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.759	0.00	1.00
53.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.759	9.51	14.76
53.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.759	9.51	8.90
53.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.759	0.00	7.56
53.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.759	19.02	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.759	0.00	4.92
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.859	0.00	1.00
54.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.859	9.56	14.76
54.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.859	9.56	8.90
54.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.859	0.00	7.56
54.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.859	19.12	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.859	0.00	4.92
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	18.959	0.00	1.00
55.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	18.959	9.61	14.76
55.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	18.959	9.61	8.90
55.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	18.959	0.00	7.56
55.00	(1) Reinforcement	Yes	1.00	0.00	0.60	18.959	19.22	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	18.959	0.00	4.92
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.056	0.00	1.00
56.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.056	9.66	14.76
56.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.056	9.66	8.90
56.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.056	0.00	7.56
56.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.056	19.32	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.056	0.00	4.92
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.153	0.00	1.00
57.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.153	9.71	14.76
57.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.153	9.71	8.90
57.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.153	0.00	7.56
57.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.153	19.42	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.153	0.00	4.92
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.248	0.00	1.00
58.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.248	9.76	14.76
58.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.248	9.76	8.90
58.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.248	0.00	7.56
58.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.248	19.52	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.248	0.00	4.92
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.343	0.00	1.00
59.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.343	9.81	14.76
59.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.343	9.81	8.90

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

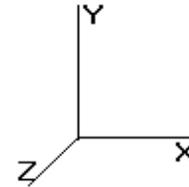
59.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.343	0.00	7.56
59.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.343	19.61	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.343	0.00	4.92
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.436	0.00	1.00
60.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.436	9.85	14.76
60.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.436	9.85	8.90
60.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.436	0.00	7.56
60.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.436	19.71	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.436	0.00	4.92
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.528	0.00	1.00
61.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.528	9.90	14.76
61.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.528	9.90	8.90
61.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.528	0.00	7.56
61.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.528	19.80	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.528	0.00	4.92
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.619	0.00	1.00
62.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.619	9.95	14.76
62.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.619	9.95	8.90
62.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.619	0.00	7.56
62.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.619	19.89	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.619	0.00	4.92
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.709	0.00	1.00
63.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.709	9.99	14.76
63.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.709	9.99	8.90
63.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.709	0.00	7.56
63.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.709	19.98	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.709	0.00	4.92
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.797	0.00	1.00
64.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.797	10.04	14.76
64.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.797	10.04	8.90
64.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.797	0.00	7.56
64.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.797	20.07	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.797	0.00	4.92
65.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.885	0.00	1.00
65.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.885	10.08	14.76
65.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.885	10.08	8.90
65.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.885	0.00	7.56
65.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.885	20.16	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.885	0.00	4.92
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	19.972	0.00	1.00
66.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	19.972	10.13	14.76
66.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	19.972	10.13	8.90
66.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	19.972	0.00	7.56
66.00	(1) Reinforcement	Yes	1.00	0.00	0.60	19.972	20.25	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	19.972	0.00	4.92
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.058	0.00	1.00
67.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.058	10.17	14.76
67.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.058	10.17	8.90
67.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.058	0.00	7.56
67.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.058	20.34	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.058	0.00	4.92
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.143	0.00	1.00
68.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.143	10.21	14.76
68.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.143	10.21	8.90
68.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.143	0.00	7.56
68.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.143	20.43	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.143	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: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

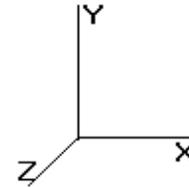
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.228	0.00	1.00
69.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.228	10.26	14.76
69.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.228	10.26	8.90
69.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.228	0.00	7.56
69.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.228	20.51	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.228	0.00	4.92
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.311	0.00	1.00
70.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.311	10.30	14.76
70.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.311	10.30	8.90
70.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.311	0.00	7.56
70.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.311	20.60	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.311	0.00	4.92
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.393	0.00	1.00
71.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.393	10.34	14.76
71.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.393	10.34	8.90
71.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.393	0.00	7.56
71.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.393	20.68	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.393	0.00	4.92
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.475	0.00	1.00
72.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.475	10.38	14.76
72.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.475	10.38	8.90
72.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.475	0.00	7.56
72.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.475	20.76	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.475	0.00	4.92
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.556	0.00	1.00
73.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.556	10.42	14.76
73.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.556	10.42	8.90
73.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.556	0.00	7.56
73.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.556	20.84	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.556	0.00	4.92
74.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.636	0.00	1.00
74.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.636	10.46	14.76
74.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.636	10.46	8.90
74.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.636	0.00	7.56
74.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.636	20.92	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.636	0.00	4.92
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.715	0.00	1.00
75.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.715	10.50	14.76
75.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.715	10.50	8.90
75.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.715	0.00	7.56
75.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.715	21.01	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.715	0.00	4.92
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.794	0.00	1.00
76.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.794	10.54	14.76
76.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.794	10.54	8.90
76.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.794	0.00	7.56
76.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.794	21.08	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.794	0.00	4.92
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.872	0.00	1.00
77.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.872	10.58	14.76
77.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.872	10.58	8.90
77.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.872	0.00	7.56
77.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.872	21.16	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.872	0.00	4.92
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	20.949	0.00	1.00
78.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	20.949	10.62	14.76
78.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	20.949	10.62	8.90

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

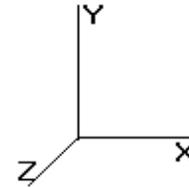
78.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	20.949	0.00	7.56
78.00	(1) Reinforcement	Yes	1.00	0.00	0.60	20.949	21.24	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	20.949	0.00	4.92
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.025	0.00	1.00
79.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.025	10.66	14.76
79.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.025	10.66	8.90
79.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.025	0.00	7.56
79.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.025	21.32	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.025	0.00	4.92
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.101	0.00	1.00
80.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.101	10.70	14.76
80.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.101	10.70	8.90
80.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.101	0.00	7.56
80.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.101	21.40	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.101	0.00	4.92
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.176	0.00	1.00
81.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.176	10.74	14.76
81.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.176	10.74	8.90
81.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.176	0.00	7.56
81.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.176	21.47	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.176	0.00	4.92
82.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.250	0.00	1.00
82.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.250	10.77	14.76
82.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.250	10.77	8.90
82.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.250	0.00	7.56
82.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.250	21.55	0.00
82.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.250	0.00	4.92
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.324	0.00	1.00
83.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.324	10.81	14.76
83.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.324	10.81	8.90
83.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.324	0.00	7.56
83.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.324	21.62	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.324	0.00	4.92
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.397	0.00	1.00
84.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.397	10.85	14.76
84.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.397	10.85	8.90
84.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.397	0.00	7.56
84.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.397	21.70	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.397	0.00	4.92
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.469	0.00	1.00
85.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.469	10.89	14.76
85.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.469	10.89	8.90
85.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.469	0.00	7.56
85.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.469	21.77	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.469	0.00	4.92
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.541	0.00	1.00
86.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.541	10.92	14.76
86.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.541	10.92	8.90
86.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.541	0.00	7.56
86.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.541	21.84	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.541	0.00	4.92
87.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.613	0.00	1.00
87.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.613	10.96	14.76
87.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.613	10.96	8.90
87.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.613	0.00	7.56
87.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.613	21.92	0.00
87.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.613	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: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

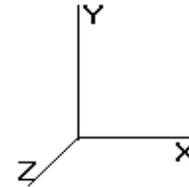
87.54	(1) 1 1/4" Hybriflex	Yes	0.54	1.00	0.00	21.651	0.00	0.54
87.54	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	21.651	5.93	7.97
87.54	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	21.651	5.93	4.81
87.54	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	21.651	0.00	4.08
87.54	(1) Reinforcement	Yes	0.54	0.00	0.60	21.651	11.85	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	21.651	0.00	2.66
88.00	(1) 1 1/4" Hybriflex	Yes	0.46	1.00	0.00	21.683	0.00	0.46
88.00	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	21.683	5.06	6.79
88.00	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	21.683	5.06	4.09
88.00	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	21.683	0.00	3.48
88.00	(1) Reinforcement	Yes	0.46	0.00	0.60	21.683	10.12	0.00
88.00	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	21.683	0.00	2.26
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.753	0.00	1.00
89.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.753	11.03	14.76
89.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.753	11.03	8.90
89.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.753	0.00	7.56
89.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.753	22.06	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.753	0.00	4.92
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.823	0.00	1.00
90.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.823	11.06	14.76
90.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.823	11.06	8.90
90.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.823	0.00	7.56
90.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.823	22.13	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.823	0.00	4.92
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.892	0.00	1.00
91.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.892	11.10	14.76
91.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.892	11.10	8.90
91.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.892	0.00	7.56
91.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.892	22.20	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.892	0.00	4.92
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	21.960	0.00	1.00
92.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	21.960	11.13	14.76
92.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	21.960	11.13	8.90
92.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	21.960	0.00	7.56
92.00	(1) Reinforcement	Yes	1.00	0.00	0.60	21.960	22.27	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	21.960	0.00	4.92
92.46	(1) 1 1/4" Hybriflex	Yes	0.46	1.00	0.00	21.992	0.00	0.46
92.46	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	21.992	5.09	6.74
92.46	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	21.992	5.09	4.06
92.46	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	21.992	0.00	3.45
92.46	(1) Reinforcement	Yes	0.46	0.00	0.60	21.992	10.18	0.00
92.46	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	21.992	0.00	2.25
93.00	(1) 1 1/4" Hybriflex	Yes	0.54	1.00	0.00	22.028	0.00	0.54
93.00	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	22.028	6.07	8.02
93.00	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	22.028	6.07	4.84
93.00	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	22.028	0.00	4.11
93.00	(1) Reinforcement	Yes	0.54	0.00	0.60	22.028	12.14	0.00
93.00	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	22.028	0.00	2.67
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.096	0.00	1.00
94.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.096	11.20	14.76
94.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.096	11.20	8.90
94.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.096	0.00	7.56
94.00	(1) Reinforcement	Yes	1.00	0.00	0.60	22.096	22.41	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.096	0.00	4.92
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.163	0.00	1.00
95.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.163	11.24	14.76
95.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.163	11.24	8.90

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 34 Iterations

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

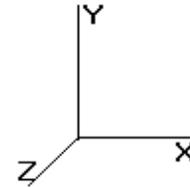
95.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.163	0.00	7.56
95.00	(1) Reinforcement	Yes	1.00	0.00	0.60	22.163	22.47	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.163	0.00	4.92
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.229	0.00	1.00
96.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.229	11.27	14.76
96.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.229	11.27	8.90
96.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.229	0.00	7.56
96.00	(1) Reinforcement	Yes	1.00	0.00	0.60	22.229	22.54	0.00
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.229	0.00	4.92
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.295	0.00	1.00
97.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.295	11.30	14.76
97.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.295	11.30	8.90
97.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.295	0.00	7.56
97.00	(1) Reinforcement	Yes	1.00	0.00	0.60	22.295	22.61	0.00
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.295	0.00	4.92
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.360	0.00	1.00
98.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.360	11.34	14.76
98.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.360	11.34	8.90
98.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.360	0.00	7.56
98.00	(1) Reinforcement	Yes	1.00	0.00	0.60	22.360	22.67	0.00
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.360	0.00	4.92
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.425	0.00	1.00
99.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.425	11.37	14.76
99.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.425	11.37	8.90
99.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.425	0.00	7.56
99.00	(1) Reinforcement	Yes	1.00	0.00	0.60	22.425	22.74	0.00
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.425	0.00	4.92
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.490	0.00	1.00
100.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.490	11.40	14.76
100.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.490	11.40	8.90
100.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.490	0.00	7.56
100.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.490	22.80	0.00
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.490	0.00	4.92
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.554	0.00	1.00
101.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.554	11.43	14.76
101.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.554	11.43	8.90
101.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.554	0.00	7.56
101.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.554	22.87	0.00
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.554	0.00	4.92
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.617	0.00	1.00
102.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.617	11.47	14.76
102.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.617	11.47	8.90
102.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.617	0.00	7.56
102.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.617	22.93	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.617	0.00	4.92
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.681	0.00	1.00
103.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.681	11.50	14.76
103.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.681	11.50	8.90
103.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.681	0.00	7.56
103.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.681	23.00	0.00
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.681	0.00	4.92
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.743	0.00	1.00
104.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.743	11.53	14.76
104.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.743	11.53	8.90
104.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.743	0.00	7.56
104.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.743	23.06	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.743	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: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

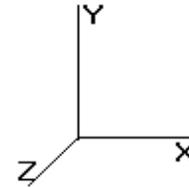
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.806	0.00	1.00
105.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.806	11.56	14.76
105.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.806	11.56	8.90
105.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.806	0.00	7.56
105.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.806	23.12	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	22.806	0.00	4.92
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.867	0.00	1.00
106.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.867	11.59	14.76
106.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.867	11.59	8.90
106.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.867	0.00	7.56
106.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.867	23.19	0.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.929	0.00	1.00
107.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.929	11.62	14.76
107.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.929	11.62	8.90
107.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.929	0.00	7.56
107.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.929	23.25	0.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	22.990	0.00	1.00
108.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	22.990	11.66	14.76
108.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	22.990	11.66	8.90
108.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	22.990	0.00	7.56
108.0	(1) Reinforcement	Yes	1.00	0.00	0.60	22.990	23.31	0.00
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.051	0.00	1.00
109.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.051	11.69	14.76
109.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.051	11.69	8.90
109.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.051	0.00	7.56
109.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.051	23.37	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.111	0.00	1.00
110.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.111	11.72	14.76
110.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.111	11.72	8.90
110.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.111	0.00	7.56
110.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.111	23.43	0.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.171	0.00	1.00
111.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.171	11.75	14.76
111.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.171	11.75	8.90
111.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.171	0.00	7.56
111.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.171	23.49	0.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.230	0.00	1.00
112.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.230	11.78	14.76
112.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.230	11.78	8.90
112.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.230	0.00	7.56
112.0	(1) Reinforcement	Yes	1.00	0.00	0.60	23.230	23.56	0.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.289	0.00	1.00
113.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.289	11.81	14.76
113.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.289	11.81	8.90
113.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.289	0.00	7.56
113.0	(1) Reinforcement	Yes	0.50	0.00	0.60	23.289	11.81	0.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.348	0.00	1.00
114.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.348	11.84	14.76
114.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.348	11.84	8.90
114.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	23.348	0.00	7.56
114.5	(1) 1 1/4" Hybriflex	Yes	0.50	1.00	0.00	23.377	0.00	0.50
114.5	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	23.377	5.93	7.38
114.5	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	23.377	5.93	4.45
114.5	(12) 1 1/4" Coax	Yes	0.50	7.56	0.00	23.377	0.00	3.78
115.0	(1) 1 1/4" Hybriflex	Yes	0.50	1.00	0.00	23.406	0.00	0.50
115.0	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	23.406	5.93	7.38
115.0	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	23.406	5.93	4.45

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 34 Iterations

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

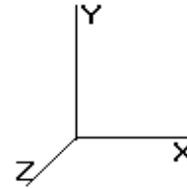
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.464	0.00	1.00
116.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.464	11.90	14.76
116.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.464	11.90	8.90
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.522	0.00	1.00
117.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.522	11.93	14.76
117.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.522	11.93	8.90
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.579	0.00	1.00
118.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.579	11.95	14.76
118.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.579	11.95	8.90
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.636	0.00	1.00
119.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.636	11.98	14.76
119.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.636	11.98	8.90
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.692	0.00	1.00
120.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.692	12.01	14.76
120.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.692	12.01	8.90
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.749	0.00	1.00
121.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.749	12.04	14.76
121.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.749	12.04	8.90
122.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.805	0.00	1.00
122.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.805	12.07	14.76
122.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.805	12.07	8.90
123.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.860	0.00	1.00
123.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.860	12.10	14.76
123.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.860	12.10	8.90
124.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.915	0.00	1.00
124.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.915	12.13	14.76
124.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.915	12.13	8.90
125.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	23.970	0.00	1.00
125.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	23.970	12.15	14.76
125.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	23.970	12.15	8.90
126.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.025	0.00	1.00
126.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.025	12.18	14.76
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.079	0.00	1.00
127.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.079	12.21	14.76
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.133	0.00	1.00
128.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.133	12.24	14.76
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.187	0.00	1.00
129.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.187	12.26	14.76
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.241	0.00	1.00
130.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.241	12.29	14.76
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.294	0.00	1.00
131.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.294	12.32	14.76
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.347	0.00	1.00
132.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.347	12.34	14.76
132.1	(1) 1 1/4" Hybriflex	Yes	0.12	1.00	0.00	24.353	0.00	0.12
132.1	(12) 1 5/8" Coax	Yes	0.12	14.76	0.30	24.353	1.48	1.77
133.0	(1) 1 1/4" Hybriflex	Yes	0.88	1.00	0.00	24.399	0.00	0.88
133.0	(12) 1 5/8" Coax	Yes	0.88	14.76	0.30	24.399	10.89	12.99
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.451	0.00	1.00
134.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.451	12.40	14.76
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.503	0.00	1.00
135.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.503	12.42	14.76
135.8	(1) 1 1/4" Hybriflex	Yes	0.87	1.00	0.00	24.548	0.00	0.87
135.8	(12) 1 5/8" Coax	Yes	0.87	14.76	0.30	24.548	10.83	12.84
136.0	(1) 1 1/4" Hybriflex	Yes	0.13	1.00	0.00	24.555	0.00	0.13
136.0	(12) 1 5/8" Coax	Yes	0.13	14.76	0.30	24.555	1.62	1.92
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.607	0.00	1.00

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: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

137.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.607	12.48	14.76
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.658	0.00	1.00
138.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.658	12.50	14.76
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.709	0.00	1.00
139.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.709	12.53	14.76
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.759	0.00	1.00
140.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.759	12.55	14.76
141.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.810	0.00	1.00
141.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.810	12.58	14.76
142.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.860	0.00	1.00
142.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.860	12.60	14.76
143.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.910	0.00	1.00
143.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.910	12.63	14.76
144.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	24.959	0.00	1.00
144.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	24.959	12.65	14.76
145.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.009	0.00	1.00
145.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.009	12.68	14.76
146.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.058	0.00	1.00
146.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.058	12.70	14.76
147.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.107	0.00	1.00
147.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.107	12.73	14.76
148.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.156	0.00	1.00
148.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.156	12.75	14.76
149.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.204	0.00	1.00
149.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.204	12.78	14.76
150.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.252	0.00	1.00
150.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.252	12.80	14.76
151.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.300	0.00	1.00
151.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.300	12.83	14.76
152.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.348	0.00	1.00
152.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.348	12.85	14.76
153.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.395	0.00	1.00
153.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.395	12.88	14.76
154.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.443	0.00	1.00
154.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.443	12.90	14.76
155.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.490	0.00	1.00
155.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.490	12.92	14.76
156.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.537	0.00	1.00
156.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.537	12.95	14.76
157.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.583	0.00	1.00
157.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.583	12.97	14.76
158.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.630	0.00	1.00
158.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.630	12.99	14.76
159.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.676	0.00	1.00
159.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.676	13.02	14.76
160.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.722	0.00	1.00
160.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.722	13.04	14.76
161.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.768	0.00	1.00
161.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.768	13.06	14.76
162.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.814	0.00	1.00
162.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.814	13.09	14.76
163.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.859	0.00	1.00
163.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.859	13.11	14.76
164.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.904	0.00	1.00
164.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.904	13.13	14.76
165.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.949	0.00	1.00
165.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.949	13.16	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)

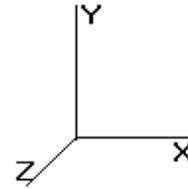
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Base Elev : 0.000 (ft)

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Load Case: No Ice 80.00 mph Wind with No Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

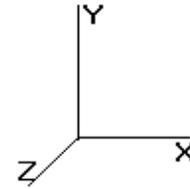
166.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	25.994		0.00	1.00
166.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	25.994		13.18	14.76
Totals:								5,198.20	5,120.78

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
 Top Dia : 15.00 (in)
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 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

34 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	112.18	387.08	0.00	0.00
2.00	111.85	386.04	0.00	0.00
3.00	111.52	385.00	0.00	0.00
4.00	111.19	383.97	0.00	0.00
5.00	110.86	382.93	0.00	0.00
6.00	110.53	381.89	0.00	0.00
7.00	110.20	380.86	0.00	0.00
8.00	109.87	379.82	0.00	0.00
9.00	109.54	378.78	0.00	0.00
10.00	109.22	377.75	0.00	0.00
11.00	108.89	376.71	0.00	0.00
12.00	108.56	375.67	0.00	0.00
13.00	108.23	374.64	0.00	0.00
14.00	107.90	373.60	0.00	0.00
15.00	107.57	372.56	0.00	0.00
16.00	107.24	371.53	0.00	0.00
17.00	106.91	370.49	0.00	0.00
18.00	106.58	369.45	0.00	0.00
19.00	106.25	368.41	0.00	0.00
20.00	105.92	367.38	0.00	0.00
21.00	105.60	366.34	0.00	0.00
22.00	105.27	365.30	0.00	0.00
23.00	104.94	364.27	0.00	0.00
24.00	104.61	363.23	0.00	0.00
25.00	104.28	362.19	0.00	0.00
26.00	103.95	361.16	0.00	0.00
27.00	103.62	360.12	0.00	0.00
28.00	103.29	359.08	0.00	0.00
29.00	102.96	358.05	0.00	0.00
30.00	130.32	367.01	0.00	0.00
31.00	102.30	355.64	0.00	0.00
32.00	101.97	354.61	0.00	0.00
33.00	101.65	353.57	0.00	0.00
34.00	102.18	352.53	0.00	0.00
35.00	102.70	351.49	0.00	0.00
36.00	103.19	350.46	0.00	0.00
37.00	103.66	349.42	0.00	0.00
38.00	104.11	348.38	0.00	0.00
39.00	104.54	347.35	0.00	0.00
40.00	104.95	346.31	0.00	0.00
41.00	105.35	345.27	0.00	0.00
42.00	105.72	344.24	0.00	0.00
42.96	101.45	328.31	0.00	0.00
43.00	4.65	22.57	0.00	0.00
44.00	107.64	518.66	0.00	0.00
45.00	107.98	516.73	0.00	0.00
46.00	108.30	514.81	0.00	0.00
47.00	108.60	512.88	0.00	0.00
48.00	108.89	510.96	0.00	0.00

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

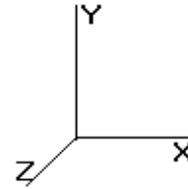
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Base Elev : 0.000 (ft)

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Load Case: No Ice 80.00 mph Wind with No Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

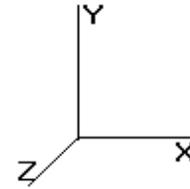
49.00	109.16	509.03	0.00	0.00
49.04	4.35	20.27	0.00	0.00
50.00	105.05	298.82	0.00	0.00
51.00	109.67	310.36	0.00	0.00
52.00	109.91	309.48	0.00	0.00
53.00	110.13	308.59	0.00	0.00
54.00	110.34	307.70	0.00	0.00
55.00	110.54	306.81	0.00	0.00
56.00	110.73	305.92	0.00	0.00
57.00	110.91	305.03	0.00	0.00
58.00	111.07	304.14	0.00	0.00
59.00	111.23	303.25	0.00	0.00
60.00	111.37	302.37	0.00	0.00
61.00	111.51	301.48	0.00	0.00
62.00	111.63	300.59	0.00	0.00
63.00	111.75	299.70	0.00	0.00
64.00	111.85	298.81	0.00	0.00
65.00	111.95	297.92	0.00	0.00
66.00	112.04	297.03	0.00	0.00
67.00	112.12	296.14	0.00	0.00
68.00	112.19	295.26	0.00	0.00
69.00	112.25	294.37	0.00	0.00
70.00	112.31	293.48	0.00	0.00
71.00	112.35	292.59	0.00	0.00
72.00	112.39	291.70	0.00	0.00
73.00	112.42	290.81	0.00	0.00
74.00	112.45	289.92	0.00	0.00
75.00	112.46	289.03	0.00	0.00
76.00	112.47	288.15	0.00	0.00
77.00	112.47	287.26	0.00	0.00
78.00	115.65	286.97	0.00	0.00
79.00	112.45	285.33	0.00	0.00
80.00	112.43	284.44	0.00	0.00
81.00	112.41	283.55	0.00	0.00
82.00	112.38	282.66	0.00	0.00
83.00	112.34	281.77	0.00	0.00
84.00	112.29	280.89	0.00	0.00
85.00	112.24	280.00	0.00	0.00
86.00	112.19	279.11	0.00	0.00
87.00	112.12	278.22	0.00	0.00
87.54	60.46	149.84	0.00	0.00
88.00	52.07	181.14	0.00	0.00
89.00	113.22	392.51	0.00	0.00
90.00	113.15	390.88	0.00	0.00
91.00	113.07	389.26	0.00	0.00
92.00	112.98	387.63	0.00	0.00
92.46	51.51	176.43	0.00	0.00
93.00	61.29	137.42	0.00	0.00
94.00	112.79	252.31	0.00	0.00
95.00	423.74	438.17	0.00	0.67
96.00	112.57	250.02	0.00	0.00
97.00	112.46	249.28	0.00	0.00
98.00	112.34	248.54	0.00	0.00
99.00	112.22	247.80	0.00	0.00
100.0	112.09	247.05	0.00	0.00
101.0	111.95	246.31	0.00	0.00
102.0	111.81	245.57	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: No Ice 80.00 mph Wind with No Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

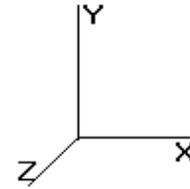
103.0	111.67	244.83	0.00	0.00
104.0	111.52	244.09	0.00	0.00
105.0	588.67	255.75	0.00	0.00
106.0	111.21	170.89	0.00	0.00
107.0	111.05	170.15	0.00	0.00
108.0	110.88	169.41	0.00	0.00
109.0	110.71	168.67	0.00	0.00
110.0	110.54	167.93	0.00	0.00
111.0	110.36	167.19	0.00	0.00
112.0	110.18	166.45	0.00	0.00
113.0	98.18	165.71	0.00	0.00
114.0	86.12	164.97	0.00	0.00
114.5	2,527.11	1,750.21	0.00	0.00
115.0	42.87	78.24	0.00	0.00
116.0	85.61	155.93	0.00	0.00
117.0	85.35	155.18	0.00	0.00
118.0	85.08	154.44	0.00	0.00
119.0	84.81	153.70	0.00	0.00
120.0	84.54	152.96	0.00	0.00
121.0	84.26	152.22	0.00	0.00
122.0	83.98	151.48	0.00	0.00
123.0	83.70	150.74	0.00	0.00
124.0	83.41	150.00	0.00	0.00
125.0	4,358.32	1,922.36	0.00	0.00
126.0	70.65	139.62	0.00	0.00
127.0	70.32	138.88	0.00	0.00
128.0	70.00	138.14	0.00	0.00
129.0	69.67	137.40	0.00	0.00
130.0	69.33	136.66	0.00	0.00
131.0	69.00	135.92	0.00	0.00
132.0	3,311.29	2,174.58	0.00	3,227.59
132.1	8.19	14.90	0.00	0.00
133.0	60.84	154.11	0.00	0.00
134.0	68.81	173.97	0.00	0.00
135.0	68.47	172.79	0.00	0.00
135.8	59.26	149.33	0.00	0.00
136.0	8.84	11.74	0.00	0.00
137.0	67.77	89.90	0.00	0.00
138.0	67.41	89.45	0.00	0.00
139.0	67.05	89.01	0.00	0.00
140.0	1,511.85	717.56	0.00	4,375.45
141.0	66.33	82.56	0.00	0.00
142.0	65.97	82.11	0.00	0.00
143.0	65.60	81.67	0.00	0.00
144.0	65.23	81.23	0.00	0.00
145.0	64.85	80.78	0.00	0.00
146.0	64.48	80.34	0.00	0.00
147.0	64.10	79.89	0.00	0.00
148.0	63.72	79.45	0.00	0.00
149.0	63.34	79.00	0.00	0.00
150.0	270.10	236.86	0.00	0.00
151.0	62.56	77.29	0.00	0.00
152.0	62.17	76.85	0.00	0.00
153.0	61.78	76.41	0.00	0.00
154.0	61.38	75.96	0.00	0.00
155.0	60.98	75.52	0.00	0.00
156.0	60.58	75.07	0.00	0.00

Pole : 302506
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Load Case: No Ice 80.00 mph Wind with No Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

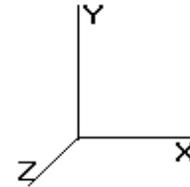
157.0	60.18	74.63	0.00	0.00
158.0	59.77	74.18	0.00	0.00
159.0	59.36	73.74	0.00	0.00
160.0	58.95	73.30	0.00	0.00
161.0	58.54	72.85	0.00	0.00
162.0	58.13	72.41	0.00	0.00
163.0	57.71	71.96	0.00	0.00
164.0	57.29	71.52	0.00	0.00
165.0	56.87	71.07	0.00	0.00
166.0	2,832.18	1,497.13	0.00	0.00
167.0	42.82	54.42	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	39.62	51.31	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	4,171.81	2,314.85	0.00	6,265.21
Totals:	35,950.73	53,253.53	0.00	13,868.92

Pole : 302506
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Load Case: No Ice

80.00 mph Wind with No Ice

34 Iterations

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

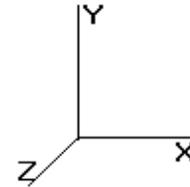
Calculated Shaft Forces and Deflections

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	-35.964	-53.241	0.000	0.000	0.000	-4,253.241	0.000	0.000	0.000	0.000
1.00	-35.885	-52.831	0.000	0.000	0.000	-4,217.277	-0.004	0.000	0.004	-0.036
2.00	-35.805	-52.423	0.000	0.000	0.000	-4,181.393	-0.016	0.000	0.016	-0.071
3.00	-35.726	-52.016	0.000	0.000	0.000	-4,145.588	-0.035	0.000	0.035	-0.107
4.00	-35.646	-51.610	0.000	0.000	0.000	-4,109.863	-0.061	0.000	0.061	-0.143
5.00	-35.566	-51.205	0.000	0.000	0.000	-4,074.218	-0.096	0.000	0.096	-0.179
6.00	-35.487	-50.801	0.000	0.000	0.000	-4,038.652	-0.137	0.000	0.137	-0.215
7.00	-35.407	-50.398	0.000	0.000	0.000	-4,003.166	-0.186	0.000	0.186	-0.251
8.00	-35.327	-49.997	0.000	0.000	0.000	-3,967.760	-0.243	0.000	0.243	-0.287
9.00	-35.247	-49.596	0.000	0.000	0.000	-3,932.434	-0.308	0.000	0.308	-0.324
10.00	-35.167	-49.197	0.000	0.000	0.000	-3,897.187	-0.380	0.000	0.380	-0.360
11.00	-35.086	-48.798	0.000	0.000	0.000	-3,862.021	-0.460	0.000	0.460	-0.397
12.00	-35.006	-48.401	0.000	0.000	0.000	-3,826.936	-0.547	0.000	0.547	-0.434
13.00	-34.926	-48.005	0.000	0.000	0.000	-3,791.930	-0.642	0.000	0.642	-0.470
14.00	-34.845	-47.610	0.000	0.000	0.000	-3,757.005	-0.745	0.000	0.745	-0.507
15.00	-34.765	-47.216	0.000	0.000	0.000	-3,722.160	-0.855	0.000	0.855	-0.544
16.00	-34.684	-46.823	0.000	0.000	0.000	-3,687.396	-0.973	0.000	0.973	-0.581
17.00	-34.604	-46.431	0.000	0.000	0.000	-3,652.712	-1.100	0.000	1.100	-0.618
18.00	-34.523	-46.040	0.000	0.000	0.000	-3,618.109	-1.233	0.000	1.233	-0.655
19.00	-34.442	-45.651	0.000	0.000	0.000	-3,583.587	-1.375	0.000	1.375	-0.693
20.00	-34.361	-45.262	0.000	0.000	0.000	-3,549.146	-1.524	0.000	1.524	-0.730
21.00	-34.280	-44.875	0.000	0.000	0.000	-3,514.785	-1.682	0.000	1.682	-0.768
22.00	-34.199	-44.489	0.000	0.000	0.000	-3,480.506	-1.847	0.000	1.847	-0.805
23.00	-34.118	-44.104	0.000	0.000	0.000	-3,446.307	-2.020	0.000	2.020	-0.843
24.00	-34.037	-43.719	0.000	0.000	0.000	-3,412.190	-2.201	0.000	2.201	-0.881
25.00	-33.955	-43.337	0.000	0.000	0.000	-3,378.154	-2.389	0.000	2.389	-0.918
26.00	-33.874	-42.955	0.000	0.000	0.000	-3,344.199	-2.586	0.000	2.586	-0.956
27.00	-33.793	-42.574	0.000	0.000	0.000	-3,310.325	-2.791	0.000	2.791	-0.994
28.00	-33.711	-42.194	0.000	0.000	0.000	-3,276.533	-3.004	0.000	3.004	-1.032
29.00	-33.629	-41.816	0.000	0.000	0.000	-3,242.823	-3.224	0.000	3.224	-1.071
30.00	-33.520	-41.429	0.000	0.000	0.000	-3,209.194	-3.453	0.000	3.453	-1.109
31.00	-33.438	-41.053	0.000	0.000	0.000	-3,175.675	-3.689	0.000	3.689	-1.147
32.00	-33.356	-40.678	0.000	0.000	0.000	-3,142.237	-3.934	0.000	3.934	-1.186
33.00	-33.274	-40.304	0.000	0.000	0.000	-3,108.882	-4.187	0.000	4.187	-1.224
34.00	-33.191	-39.932	0.000	0.000	0.000	-3,075.608	-4.448	0.000	4.448	-1.263
35.00	-33.108	-39.560	0.000	0.000	0.000	-3,042.417	-4.717	0.000	4.717	-1.301
36.00	-33.023	-39.190	0.000	0.000	0.000	-3,009.311	-4.994	0.000	4.994	-1.340
37.00	-32.937	-38.821	0.000	0.000	0.000	-2,976.288	-5.279	0.000	5.279	-1.379
38.00	-32.851	-38.453	0.000	0.000	0.000	-2,943.352	-5.572	0.000	5.572	-1.418
39.00	-32.763	-38.086	0.000	0.000	0.000	-2,910.502	-5.874	0.000	5.874	-1.457
40.00	-32.675	-37.720	0.000	0.000	0.000	-2,877.739	-6.183	0.000	6.183	-1.496
41.00	-32.586	-37.356	0.000	0.000	0.000	-2,845.064	-6.501	0.000	6.501	-1.535
42.00	-32.496	-36.993	0.000	0.000	0.000	-2,812.478	-6.827	0.000	6.827	-1.574
42.96	-32.398	-36.656	0.000	0.000	0.000	-2,781.394	-7.146	0.000	7.146	-1.611
43.00	-32.406	-36.622	0.000	0.000	0.000	-2,779.987	-7.161	0.000	7.161	-1.613
44.00	-32.308	-36.085	0.000	0.000	0.000	-2,747.582	-7.503	0.000	7.503	-1.652
45.00	-32.209	-35.550	0.000	0.000	0.000	-2,715.274	-7.854	0.000	7.854	-1.691
46.00	-32.109	-35.017	0.000	0.000	0.000	-2,683.066	-8.212	0.000	8.212	-1.730
47.00	-32.009	-34.485	0.000	0.000	0.000	-2,650.957	-8.579	0.000	8.579	-1.769
48.00	-31.907	-33.956	0.000	0.000	0.000	-2,618.949	-8.954	0.000	8.954	-1.808
49.00	-31.794	-33.440	0.000	0.000	0.000	-2,587.042	-9.337	0.000	9.337	-1.847

Pole : 302506
 Location : Winchester CT 3, CT
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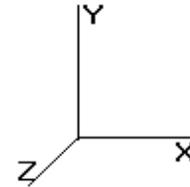
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Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.04	-31.800	-33.409	0.000	0.000	0.000	-2,585.774	-9.353	0.000	9.353	-1.849
50.00	-31.709	-33.091	0.000	0.000	0.000	-2,555.243	-9.729	0.000	9.729	-1.887
51.00	-31.613	-32.762	0.000	0.000	0.000	-2,523.535	-10.129	0.000	10.129	-1.928
52.00	-31.516	-32.433	0.000	0.000	0.000	-2,491.923	-10.538	0.000	10.538	-1.970
53.00	-31.419	-32.106	0.000	0.000	0.000	-2,460.408	-10.955	0.000	10.955	-2.012
54.00	-31.321	-31.779	0.000	0.000	0.000	-2,428.990	-11.381	0.000	11.381	-2.054
55.00	-31.222	-31.454	0.000	0.000	0.000	-2,397.669	-11.816	0.000	11.816	-2.096
56.00	-31.123	-31.129	0.000	0.000	0.000	-2,366.448	-12.260	0.000	12.260	-2.138
57.00	-31.023	-30.806	0.000	0.000	0.000	-2,335.325	-12.713	0.000	12.713	-2.180
58.00	-30.923	-30.483	0.000	0.000	0.000	-2,304.303	-13.174	0.000	13.174	-2.222
59.00	-30.822	-30.162	0.000	0.000	0.000	-2,273.380	-13.645	0.000	13.645	-2.264
60.00	-30.721	-29.842	0.000	0.000	0.000	-2,242.559	-14.124	0.000	14.124	-2.306
61.00	-30.619	-29.523	0.000	0.000	0.000	-2,211.839	-14.611	0.000	14.611	-2.348
62.00	-30.516	-29.205	0.000	0.000	0.000	-2,181.221	-15.108	0.000	15.108	-2.390
63.00	-30.413	-28.888	0.000	0.000	0.000	-2,150.705	-15.613	0.000	15.613	-2.432
64.00	-30.309	-28.572	0.000	0.000	0.000	-2,120.293	-16.128	0.000	16.128	-2.474
65.00	-30.205	-28.257	0.000	0.000	0.000	-2,089.983	-16.651	0.000	16.651	-2.516
66.00	-30.101	-27.943	0.000	0.000	0.000	-2,059.779	-17.182	0.000	17.182	-2.558
67.00	-29.996	-27.630	0.000	0.000	0.000	-2,029.678	-17.723	0.000	17.723	-2.600
68.00	-29.890	-27.319	0.000	0.000	0.000	-1,999.683	-18.272	0.000	18.272	-2.642
69.00	-29.784	-27.008	0.000	0.000	0.000	-1,969.794	-18.830	0.000	18.830	-2.684
70.00	-29.678	-26.698	0.000	0.000	0.000	-1,940.010	-19.397	0.000	19.397	-2.726
71.00	-29.571	-26.390	0.000	0.000	0.000	-1,910.333	-19.973	0.000	19.973	-2.768
72.00	-29.463	-26.083	0.000	0.000	0.000	-1,880.763	-20.557	0.000	20.557	-2.810
73.00	-29.355	-25.776	0.000	0.000	0.000	-1,851.300	-21.151	0.000	21.151	-2.852
74.00	-29.247	-25.471	0.000	0.000	0.000	-1,821.945	-21.753	0.000	21.753	-2.893
75.00	-29.138	-25.167	0.000	0.000	0.000	-1,792.699	-22.363	0.000	22.363	-2.935
76.00	-29.029	-24.864	0.000	0.000	0.000	-1,763.561	-22.983	0.000	22.983	-2.977
77.00	-28.920	-24.562	0.000	0.000	0.000	-1,734.532	-23.611	0.000	23.611	-3.018
78.00	-28.807	-24.261	0.000	0.000	0.000	-1,705.613	-24.247	0.000	24.247	-3.060
79.00	-28.696	-23.961	0.000	0.000	0.000	-1,676.807	-24.893	0.000	24.893	-3.101
80.00	-28.586	-23.663	0.000	0.000	0.000	-1,648.111	-25.547	0.000	25.547	-3.142
81.00	-28.474	-23.365	0.000	0.000	0.000	-1,619.526	-26.209	0.000	26.209	-3.184
82.00	-28.363	-23.069	0.000	0.000	0.000	-1,591.052	-26.881	0.000	26.881	-3.225
83.00	-28.251	-22.774	0.000	0.000	0.000	-1,562.689	-27.561	0.000	27.561	-3.266
84.00	-28.139	-22.480	0.000	0.000	0.000	-1,534.438	-28.249	0.000	28.249	-3.307
85.00	-28.027	-22.187	0.000	0.000	0.000	-1,506.300	-28.946	0.000	28.946	-3.347
86.00	-27.914	-21.895	0.000	0.000	0.000	-1,478.274	-29.652	0.000	29.652	-3.388
87.00	-27.797	-21.609	0.000	0.000	0.000	-1,450.361	-30.366	0.000	30.366	-3.429
87.54	-27.735	-21.453	0.000	0.000	0.000	-1,435.353	-30.755	0.000	30.755	-3.451
88.00	-27.683	-21.261	0.000	0.000	0.000	-1,422.592	-31.088	0.000	31.088	-3.469
89.00	-27.561	-20.857	0.000	0.000	0.000	-1,394.910	-31.819	0.000	31.819	-3.509
90.00	-27.438	-20.455	0.000	0.000	0.000	-1,367.350	-32.558	0.000	32.558	-3.548
91.00	-27.314	-20.055	0.000	0.000	0.000	-1,339.912	-33.305	0.000	33.305	-3.588
92.00	-27.187	-19.662	0.000	0.000	0.000	-1,312.598	-34.061	0.000	34.061	-3.627
92.46	-27.131	-19.480	0.000	0.000	0.000	-1,300.186	-34.409	0.000	34.409	-3.645
93.00	-27.072	-19.332	0.000	0.000	0.000	-1,285.442	-34.825	0.000	34.825	-3.666
94.00	-26.957	-19.068	0.000	0.000	0.000	-1,258.370	-35.597	0.000	35.597	-3.708
95.00	-26.519	-18.639	0.000	0.000	0.000	-1,231.413	-36.378	0.000	36.378	-3.749
96.00	-26.403	-18.378	0.000	0.000	0.000	-1,204.894	-37.168	0.000	37.168	-3.790
97.00	-26.288	-18.118	0.000	0.000	0.000	-1,178.491	-37.966	0.000	37.966	-3.831
98.00	-26.171	-17.859	0.000	0.000	0.000	-1,152.204	-38.772	0.000	38.772	-3.871
99.00	-26.055	-17.601	0.000	0.000	0.000	-1,126.033	-39.587	0.000	39.587	-3.911
100.0	-25.938	-17.345	0.000	0.000	0.000	-1,099.979	-40.411	0.000	40.411	-3.951
101.0	-25.821	-17.089	0.000	0.000	0.000	-1,074.041	-41.243	0.000	41.243	-3.991
102.0	-25.704	-16.834	0.000	0.000	0.000	-1,048.220	-42.083	0.000	42.083	-4.030
103.0	-25.587	-16.581	0.000	0.000	0.000	-1,022.516	-42.931	0.000	42.931	-4.069

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

104.0	-25.469	-16.328	0.000	0.000	0.000	-996.930	-43.787	0.000	43.787	-4.108
105.0	-24.879	-16.091	0.000	0.000	0.000	-971.462	-44.651	0.000	44.651	-4.146
106.0	-24.777	-15.896	0.000	0.000	0.000	-946.583	-45.527	0.000	45.527	-4.221
107.0	-24.674	-15.703	0.000	0.000	0.000	-921.807	-46.419	0.000	46.419	-4.295
108.0	-24.570	-15.511	0.000	0.000	0.000	-897.134	-47.326	0.000	47.326	-4.369
109.0	-24.467	-15.320	0.000	0.000	0.000	-872.564	-48.249	0.000	48.249	-4.443
110.0	-24.363	-15.130	0.000	0.000	0.000	-848.098	-49.186	0.000	49.186	-4.516
111.0	-24.258	-14.942	0.000	0.000	0.000	-823.736	-50.139	0.000	50.139	-4.588
112.0	-24.153	-14.754	0.000	0.000	0.000	-799.479	-51.108	0.000	51.108	-4.660
113.0	-24.060	-14.567	0.000	0.000	0.000	-775.326	-52.091	0.000	52.091	-4.732
114.0	-23.974	-14.388	0.000	0.000	0.000	-751.266	-53.089	0.000	53.089	-4.803
114.5	-21.317	-12.843	0.000	0.000	0.000	-739.279	-53.594	0.000	53.594	-4.838
115.0	-21.279	-12.749	0.000	0.000	0.000	-728.621	-54.102	0.000	54.102	-4.874
116.0	-21.196	-12.576	0.000	0.000	0.000	-707.343	-55.129	0.000	55.129	-4.944
117.0	-21.112	-12.403	0.000	0.000	0.000	-686.148	-56.171	0.000	56.171	-5.013
118.0	-21.029	-12.231	0.000	0.000	0.000	-665.036	-57.228	0.000	57.228	-5.082
119.0	-20.945	-12.061	0.000	0.000	0.000	-644.008	-58.298	0.000	58.298	-5.150
120.0	-20.861	-11.892	0.000	0.000	0.000	-623.064	-59.383	0.000	59.383	-5.218
121.0	-20.777	-11.724	0.000	0.000	0.000	-602.203	-60.482	0.000	60.482	-5.285
122.0	-20.692	-11.557	0.000	0.000	0.000	-581.427	-61.595	0.000	61.595	-5.351
123.0	-20.608	-11.391	0.000	0.000	0.000	-560.735	-62.722	0.000	62.722	-5.417
124.0	-20.523	-11.227	0.000	0.000	0.000	-540.128	-63.862	0.000	63.862	-5.481
125.0	-16.011	-9.715	0.000	0.000	0.000	-519.605	-65.015	0.000	65.015	-5.545
126.0	-15.938	-9.565	0.000	0.000	0.000	-503.595	-66.182	0.000	66.182	-5.609
127.0	-15.864	-9.416	0.000	0.000	0.000	-487.658	-67.362	0.000	67.362	-5.671
128.0	-15.791	-9.269	0.000	0.000	0.000	-471.794	-68.555	0.000	68.555	-5.734
129.0	-15.718	-9.122	0.000	0.000	0.000	-456.003	-69.761	0.000	69.761	-5.796
130.0	-15.644	-8.977	0.000	0.000	0.000	-440.286	-70.979	0.000	70.979	-5.857
131.0	-15.571	-8.832	0.000	0.000	0.000	-424.642	-72.211	0.000	72.211	-5.918
132.0	-12.056	-7.005	0.000	0.000	0.000	-405.843	-73.455	0.000	73.455	-5.978
132.1	-12.050	-6.985	0.000	0.000	0.000	-404.399	-73.605	0.000	73.605	-5.985
133.0	-11.980	-6.827	0.000	0.000	0.000	-393.792	-74.711	0.000	74.711	-6.037
134.0	-11.900	-6.649	0.000	0.000	0.000	-381.812	-75.980	0.000	75.980	-6.096
135.0	-11.820	-6.473	0.000	0.000	0.000	-369.912	-77.261	0.000	77.261	-6.155
135.8	-11.748	-6.325	0.000	0.000	0.000	-359.631	-78.385	0.000	78.385	-6.206
136.0	-11.744	-6.304	0.000	0.000	0.000	-358.101	-78.554	0.000	78.554	-6.213
137.0	-11.677	-6.203	0.000	0.000	0.000	-346.357	-79.863	0.000	79.863	-6.304
138.0	-11.609	-6.104	0.000	0.000	0.000	-334.681	-81.191	0.000	81.191	-6.395
139.0	-11.542	-6.005	0.000	0.000	0.000	-323.072	-82.537	0.000	82.537	-6.485
140.0	-9.967	-5.449	0.000	0.000	0.000	-307.154	-83.902	0.000	83.902	-6.573
141.0	-9.900	-5.359	0.000	0.000	0.000	-297.188	-85.286	0.000	85.286	-6.661
142.0	-9.833	-5.271	0.000	0.000	0.000	-287.288	-86.687	0.000	86.687	-6.747
143.0	-9.766	-5.183	0.000	0.000	0.000	-277.456	-88.107	0.000	88.107	-6.833
144.0	-9.699	-5.095	0.000	0.000	0.000	-267.690	-89.544	0.000	89.544	-6.919
145.0	-9.632	-5.009	0.000	0.000	0.000	-257.992	-90.999	0.000	90.999	-7.004
146.0	-9.565	-4.923	0.000	0.000	0.000	-248.360	-92.472	0.000	92.472	-7.088
147.0	-9.499	-4.838	0.000	0.000	0.000	-238.794	-93.962	0.000	93.962	-7.171
148.0	-9.433	-4.754	0.000	0.000	0.000	-229.296	-95.469	0.000	95.469	-7.254
149.0	-9.367	-4.670	0.000	0.000	0.000	-219.863	-96.993	0.000	96.993	-7.335
150.0	-9.075	-4.457	0.000	0.000	0.000	-210.497	-98.534	0.000	98.534	-7.416
151.0	-9.009	-4.376	0.000	0.000	0.000	-201.422	-100.092	0.000	100.092	-7.496
152.0	-8.943	-4.296	0.000	0.000	0.000	-192.414	-101.666	0.000	101.666	-7.574
153.0	-8.877	-4.217	0.000	0.000	0.000	-183.471	-103.257	0.000	103.257	-7.651
154.0	-8.812	-4.138	0.000	0.000	0.000	-174.594	-104.863	0.000	104.863	-7.727
155.0	-8.746	-4.060	0.000	0.000	0.000	-165.783	-106.485	0.000	106.485	-7.802
156.0	-8.681	-3.983	0.000	0.000	0.000	-157.037	-108.122	0.000	108.122	-7.875
157.0	-8.616	-3.907	0.000	0.000	0.000	-148.356	-109.774	0.000	109.774	-7.946

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)

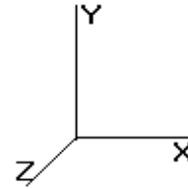
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Base Elev: 0.000 (ft)

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Load Case: No Ice 80.00 mph Wind with No Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

158.0	-8.551	-3.831	0.000	0.000	0.000	-139.740	-111.441	0.000	111.441	-8.016
159.0	-8.487	-3.757	0.000	0.000	0.000	-131.189	-113.122	0.000	113.122	-8.084
160.0	-8.422	-3.683	0.000	0.000	0.000	-122.703	-114.817	0.000	114.817	-8.149
161.0	-8.358	-3.610	0.000	0.000	0.000	-114.281	-116.525	0.000	116.525	-8.212
162.0	-8.294	-3.538	0.000	0.000	0.000	-105.923	-118.246	0.000	118.246	-8.273
163.0	-8.230	-3.467	0.000	0.000	0.000	-97.630	-119.980	0.000	119.980	-8.332
164.0	-8.166	-3.397	0.000	0.000	0.000	-89.400	-121.725	0.000	121.725	-8.387
165.0	-8.102	-3.328	0.000	0.000	0.000	-81.235	-123.482	0.000	123.482	-8.440
166.0	-5.082	-2.260	0.000	0.000	0.000	-73.133	-125.249	0.000	125.249	-8.489
167.0	-5.034	-2.209	0.000	0.000	0.000	-68.050	-127.025	0.000	127.025	-8.536
168.0	-4.986	-2.158	0.000	0.000	0.000	-63.017	-128.811	0.000	128.811	-8.581
169.0	-4.938	-2.107	0.000	0.000	0.000	-58.031	-130.607	0.000	130.607	-8.624
170.0	-4.890	-2.058	0.000	0.000	0.000	-53.094	-132.411	0.000	132.411	-8.665
171.0	-4.843	-2.009	0.000	0.000	0.000	-48.204	-134.223	0.000	134.223	-8.704
172.0	-4.796	-1.960	0.000	0.000	0.000	-43.360	-136.043	0.000	136.043	-8.740
173.0	-4.750	-1.912	0.000	0.000	0.000	-38.564	-137.871	0.000	137.871	-8.774
174.0	-4.704	-1.865	0.000	0.000	0.000	-33.814	-139.705	0.000	139.705	-8.806
175.0	-4.659	-1.819	0.000	0.000	0.000	-29.110	-141.545	0.000	141.545	-8.834
176.0	-4.613	-1.773	0.000	0.000	0.000	-24.451	-143.391	0.000	143.391	-8.859
177.0	-4.569	-1.728	0.000	0.000	0.000	-19.838	-145.242	0.000	145.242	-8.881
178.0	-4.524	-1.684	0.000	0.000	0.000	-15.270	-147.097	0.000	147.097	-8.899
179.0	-4.480	-1.640	0.000	0.000	0.000	-10.745	-148.955	0.000	148.955	-8.913
180.0	-4.172	0.000	0.000	0.000	0.000	-6.265	-150.816	0.000	150.816	-8.922

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 Location : Winchester CT 3, CT
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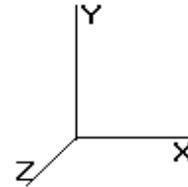
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Base Elev : 0.000 (ft)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 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	0.58	1.00	0.00	0.00	0.00	40.38	40.99	52.0	0.0	0.789
1.00	0.57	1.00	0.00	0.00	0.00	40.32	40.93	52.0	0.0	0.788
2.00	0.57	1.00	0.00	0.00	0.00	40.26	40.87	52.0	0.0	0.786
3.00	0.57	1.00	0.00	0.00	0.00	40.21	40.81	52.0	0.0	0.785
4.00	0.57	1.01	0.00	0.00	0.00	40.15	40.75	52.0	0.0	0.784
5.00	0.56	1.01	0.00	0.00	0.00	40.08	40.69	52.0	0.0	0.783
6.00	0.56	1.01	0.00	0.00	0.00	40.02	40.62	52.0	0.0	0.782
7.00	0.56	1.01	0.00	0.00	0.00	39.96	40.55	52.0	0.0	0.780
8.00	0.56	1.01	0.00	0.00	0.00	39.89	40.49	52.0	0.0	0.779
9.00	0.55	1.02	0.00	0.00	0.00	39.83	40.42	52.0	0.0	0.778
10.00	0.55	1.02	0.00	0.00	0.00	39.76	40.35	52.0	0.0	0.776
11.00	0.55	1.02	0.00	0.00	0.00	39.69	40.28	52.0	0.0	0.775
12.00	0.55	1.02	0.00	0.00	0.00	39.62	40.20	52.0	0.0	0.774
13.00	0.54	1.02	0.00	0.00	0.00	39.55	40.13	52.0	0.0	0.772
14.00	0.54	1.03	0.00	0.00	0.00	39.48	40.06	52.0	0.0	0.771
15.00	0.54	1.03	0.00	0.00	0.00	39.40	39.98	52.0	0.0	0.769
16.00	0.54	1.03	0.00	0.00	0.00	39.32	39.90	52.0	0.0	0.768
17.00	0.53	1.03	0.00	0.00	0.00	39.25	39.82	52.0	0.0	0.766
18.00	0.53	1.04	0.00	0.00	0.00	39.17	39.74	52.0	0.0	0.765
19.00	0.53	1.04	0.00	0.00	0.00	39.09	39.66	52.0	0.0	0.763
20.00	0.53	1.04	0.00	0.00	0.00	39.01	39.57	52.0	0.0	0.761
21.00	0.52	1.04	0.00	0.00	0.00	38.92	39.49	52.0	0.0	0.760
22.00	0.52	1.05	0.00	0.00	0.00	38.84	39.40	52.0	0.0	0.758
23.00	0.52	1.05	0.00	0.00	0.00	38.75	39.31	52.0	0.0	0.756
24.00	0.51	1.05	0.00	0.00	0.00	38.66	39.22	52.0	0.0	0.755
25.00	0.51	1.05	0.00	0.00	0.00	38.57	39.13	52.0	0.0	0.753
26.00	0.51	1.05	0.00	0.00	0.00	38.48	39.03	52.0	0.0	0.751
27.00	0.51	1.06	0.00	0.00	0.00	38.39	38.94	52.0	0.0	0.749
28.00	0.50	1.06	0.00	0.00	0.00	38.29	38.84	52.0	0.0	0.747
29.00	0.50	1.06	0.00	0.00	0.00	38.20	38.74	52.0	0.0	0.745
30.00	0.50	1.06	0.00	0.00	0.00	38.10	38.64	52.0	0.0	0.743
31.00	0.50	1.07	0.00	0.00	0.00	38.00	38.54	52.0	0.0	0.741
32.00	0.49	1.07	0.00	0.00	0.00	37.90	38.43	52.0	0.0	0.739
33.00	0.49	1.07	0.00	0.00	0.00	37.79	38.33	52.0	0.0	0.737
34.00	0.49	1.07	0.00	0.00	0.00	37.69	38.22	52.0	0.0	0.735
35.00	0.48	1.08	0.00	0.00	0.00	37.58	38.11	52.0	0.0	0.733
36.00	0.48	1.08	0.00	0.00	0.00	37.47	38.00	52.0	0.0	0.731
37.00	0.48	1.08	0.00	0.00	0.00	37.36	37.88	52.0	0.0	0.729
38.00	0.48	1.08	0.00	0.00	0.00	37.24	37.77	52.0	0.0	0.727
39.00	0.47	1.09	0.00	0.00	0.00	37.13	37.65	52.0	0.0	0.724
40.00	0.47	1.09	0.00	0.00	0.00	37.01	37.53	52.0	0.0	0.722
41.00	0.47	1.09	0.00	0.00	0.00	36.89	37.40	52.0	0.0	0.720
42.00	0.47	1.09	0.00	0.00	0.00	36.77	37.28	52.0	0.0	0.717
42.96	0.46	1.10	0.00	0.00	0.00	36.65	37.16	52.0	0.0	0.715
43.00	0.46	1.10	0.00	0.00	0.00	36.30	36.82	52.0	0.0	0.708
44.00	0.46	1.10	0.00	0.00	0.00	36.18	36.68	52.0	0.0	0.706
45.00	0.45	1.10	0.00	0.00	0.00	36.04	36.55	52.0	0.0	0.703
46.00	0.45	1.10	0.00	0.00	0.00	35.91	36.41	52.0	0.0	0.700
47.00	0.44	1.11	0.00	0.00	0.00	35.78	36.27	52.0	0.0	0.698
48.00	0.44	1.11	0.00	0.00	0.00	35.64	36.13	52.0	0.0	0.695
49.00	0.43	1.11	0.00	0.00	0.00	35.50	35.98	52.0	0.0	0.692

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)

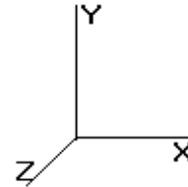
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Base Elev: 0.000 (ft)

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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.04	0.48	1.27	0.00	0.00	0.00	38.51	39.05	52.0	0.0	0.751
50.00	0.47	1.27	0.00	0.00	0.00	38.35	38.89	52.0	0.0	0.748
51.00	0.47	1.28	0.00	0.00	0.00	38.18	38.72	52.0	0.0	0.745
52.00	0.47	1.28	0.00	0.00	0.00	38.01	38.55	52.0	0.0	0.742
53.00	0.47	1.28	0.00	0.00	0.00	37.84	38.37	52.0	0.0	0.738
54.00	0.46	1.28	0.00	0.00	0.00	37.67	38.19	52.0	0.0	0.735
55.00	0.46	1.29	0.00	0.00	0.00	37.49	38.01	52.0	0.0	0.731
56.00	0.46	1.29	0.00	0.00	0.00	37.31	37.83	52.0	0.0	0.728
57.00	0.45	1.29	0.00	0.00	0.00	37.13	37.65	52.0	0.0	0.724
58.00	0.45	1.30	0.00	0.00	0.00	36.94	37.46	52.0	0.0	0.721
59.00	0.45	1.30	0.00	0.00	0.00	36.75	37.26	52.0	0.0	0.717
60.00	0.44	1.30	0.00	0.00	0.00	36.56	37.07	52.0	0.0	0.713
61.00	0.44	1.30	0.00	0.00	0.00	36.36	36.87	52.0	0.0	0.709
62.00	0.44	1.31	0.00	0.00	0.00	36.16	36.67	52.0	0.0	0.706
63.00	0.43	1.31	0.00	0.00	0.00	35.96	36.47	52.0	0.0	0.702
64.00	0.43	1.31	0.00	0.00	0.00	35.76	36.26	52.0	0.0	0.698
65.00	0.43	1.32	0.00	0.00	0.00	35.55	36.05	52.0	0.0	0.694
66.00	0.43	1.32	0.00	0.00	0.00	35.34	35.84	52.0	0.0	0.689
67.00	0.42	1.32	0.00	0.00	0.00	35.12	35.62	52.0	0.0	0.685
68.00	0.42	1.32	0.00	0.00	0.00	34.91	35.40	52.0	0.0	0.681
69.00	0.42	1.33	0.00	0.00	0.00	34.68	35.18	52.0	0.0	0.677
70.00	0.41	1.33	0.00	0.00	0.00	34.46	34.95	52.0	0.0	0.672
71.00	0.41	1.33	0.00	0.00	0.00	34.23	34.72	52.0	0.0	0.668
72.00	0.41	1.34	0.00	0.00	0.00	34.00	34.48	52.0	0.0	0.663
73.00	0.40	1.34	0.00	0.00	0.00	33.76	34.25	52.0	0.0	0.659
74.00	0.40	1.34	0.00	0.00	0.00	33.52	34.00	52.0	0.0	0.654
75.00	0.40	1.35	0.00	0.00	0.00	33.28	33.76	52.0	0.0	0.649
76.00	0.39	1.35	0.00	0.00	0.00	33.03	33.51	52.0	0.0	0.645
77.00	0.39	1.35	0.00	0.00	0.00	32.78	33.26	52.0	0.0	0.640
78.00	0.39	1.35	0.00	0.00	0.00	32.53	33.00	52.0	0.0	0.635
79.00	0.39	1.36	0.00	0.00	0.00	32.27	32.74	52.0	0.0	0.630
80.00	0.38	1.36	0.00	0.00	0.00	32.01	32.47	52.0	0.0	0.625
81.00	0.38	1.36	0.00	0.00	0.00	31.74	32.20	52.0	0.0	0.620
82.00	0.38	1.37	0.00	0.00	0.00	31.47	31.93	52.0	0.0	0.614
83.00	0.37	1.37	0.00	0.00	0.00	31.19	31.65	52.0	0.0	0.609
84.00	0.37	1.37	0.00	0.00	0.00	30.91	31.37	52.0	0.0	0.604
85.00	0.37	1.38	0.00	0.00	0.00	30.63	31.08	52.0	0.0	0.598
86.00	0.36	1.38	0.00	0.00	0.00	30.34	30.79	52.0	0.0	0.592
87.00	0.36	1.38	0.00	0.00	0.00	30.04	30.50	52.0	0.0	0.587
87.54	0.36	1.38	0.00	0.00	0.00	29.88	30.33	52.0	0.0	0.584
88.00	0.36	1.39	0.00	0.00	0.00	29.37	29.82	52.0	0.0	0.574
89.00	0.35	1.39	0.00	0.00	0.00	29.07	29.52	52.0	0.0	0.568
90.00	0.34	1.39	0.00	0.00	0.00	28.76	29.20	52.0	0.0	0.562
91.00	0.34	1.40	0.00	0.00	0.00	28.45	28.89	52.0	0.0	0.556
92.00	0.33	1.40	0.00	0.00	0.00	28.13	28.57	52.0	0.0	0.550
92.46	0.37	1.64	0.00	0.00	0.00	30.46	30.96	52.0	0.0	0.596
93.00	0.37	1.65	0.00	0.00	0.00	30.27	30.76	52.0	0.0	0.592
94.00	0.36	1.65	0.00	0.00	0.00	29.90	30.40	52.0	0.0	0.585
95.00	0.36	1.63	0.00	0.00	0.00	29.53	30.02	52.0	0.0	0.577
96.00	0.35	1.64	0.00	0.00	0.00	29.16	29.64	52.0	0.0	0.570
97.00	0.35	1.64	0.00	0.00	0.00	28.78	29.27	52.0	0.0	0.563
98.00	0.35	1.65	0.00	0.00	0.00	28.40	28.88	52.0	0.0	0.556
99.00	0.34	1.65	0.00	0.00	0.00	28.01	28.50	52.0	0.0	0.548
100.00	0.34	1.65	0.00	0.00	0.00	27.62	28.10	52.0	0.0	0.541
101.00	0.33	1.66	0.00	0.00	0.00	27.22	27.70	52.0	0.0	0.533
102.00	0.33	1.66	0.00	0.00	0.00	26.81	27.30	52.0	0.0	0.525
103.00	0.33	1.67	0.00	0.00	0.00	26.40	26.89	52.0	0.0	0.517

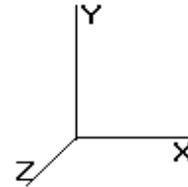
Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
 Top Dia : 15.00 (in)
 Shape : 18 Sides
 Taper : 0.219444 (in/ft)

Code: TIA/EIA-222 Rev F

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Base Elev : 0.000 (ft)



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Load Case: No Ice	80.00 mph Wind with No Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

104.00	0.32	1.67	0.00	0.00	0.00	25.99	26.47	52.0	0.0	0.509
104.00	0.53	1.67	0.00	0.00	0.00	50.98	51.59	52.0	0.0	0.993
105.00	0.53	1.64	0.00	0.00	0.00	50.39	51.00	52.0	0.0	0.981
106.00	0.52	1.65	0.00	0.00	0.00	49.81	50.42	52.0	0.0	0.970
107.00	0.52	1.65	0.00	0.00	0.00	49.21	49.82	52.0	0.0	0.958
108.00	0.52	1.66	0.00	0.00	0.00	48.60	49.21	52.0	0.0	0.947
109.00	0.52	1.66	0.00	0.00	0.00	47.97	48.57	52.0	0.0	0.935
110.00	0.51	1.67	0.00	0.00	0.00	47.32	47.92	52.0	0.0	0.922
111.00	0.51	1.67	0.00	0.00	0.00	46.65	47.25	52.0	0.0	0.909
112.00	0.51	1.68	0.00	0.00	0.00	45.97	46.57	52.0	0.0	0.896
113.00	0.51	1.68	0.00	0.00	0.00	45.26	45.86	52.0	0.0	0.882
114.00	0.50	1.69	0.00	0.00	0.00	44.53	45.13	52.0	0.0	0.868
114.50	0.45	1.51	0.00	0.00	0.00	44.15	44.68	52.0	0.0	0.860
115.00	0.45	1.51	0.00	0.00	0.00	43.85	44.38	52.0	0.0	0.854
116.00	0.45	1.52	0.00	0.00	0.00	43.24	43.77	52.0	0.0	0.842
117.00	0.44	1.52	0.00	0.00	0.00	42.60	43.13	52.0	0.0	0.830
118.00	0.44	1.53	0.00	0.00	0.00	41.95	42.47	52.0	0.0	0.817
119.00	0.44	1.54	0.00	0.00	0.00	41.27	41.80	52.0	0.0	0.804
120.00	0.44	1.54	0.00	0.00	0.00	40.57	41.10	52.0	0.0	0.791
121.00	0.43	1.55	0.00	0.00	0.00	39.85	40.38	52.0	0.0	0.777
122.00	0.43	1.55	0.00	0.00	0.00	39.11	39.63	52.0	0.0	0.762
123.00	0.43	1.56	0.00	0.00	0.00	38.34	38.86	52.0	0.0	0.748
124.00	0.43	1.57	0.00	0.00	0.00	37.55	38.07	52.0	0.0	0.732
125.00	0.37	1.23	0.00	0.00	0.00	36.73	37.16	52.0	0.0	0.715
126.00	0.37	1.24	0.00	0.00	0.00	36.20	36.63	52.0	0.0	0.705
127.00	0.37	1.24	0.00	0.00	0.00	35.65	36.08	52.0	0.0	0.694
128.00	0.36	1.25	0.00	0.00	0.00	35.09	35.52	52.0	0.0	0.683
129.00	0.36	1.25	0.00	0.00	0.00	34.50	34.93	52.0	0.0	0.672
130.00	0.36	1.26	0.00	0.00	0.00	33.90	34.32	52.0	0.0	0.660
131.00	0.36	1.26	0.00	0.00	0.00	33.27	33.70	52.0	0.0	0.648
132.00	0.28	0.99	0.00	0.00	0.00	32.37	32.69	52.0	0.0	0.629
132.12	0.28	0.99	0.00	0.00	0.00	32.32	32.65	52.0	0.0	0.628
133.00	0.28	0.99	0.00	0.00	0.00	31.97	32.30	52.0	0.0	0.621
134.00	0.27	0.99	0.00	0.00	0.00	31.56	31.88	52.0	0.0	0.613
135.00	0.27	0.99	0.00	0.00	0.00	31.14	31.46	52.0	0.0	0.605
135.87	0.43	1.62	0.00	0.00	0.00	48.93	49.45	52.0	0.0	0.951
136.00	0.43	1.63	0.00	0.00	0.00	48.84	49.35	52.0	0.0	0.950
137.00	0.43	1.63	0.00	0.00	0.00	48.10	48.61	52.0	0.0	0.935
138.00	0.43	1.64	0.00	0.00	0.00	47.34	47.85	52.0	0.0	0.921
139.00	0.42	1.64	0.00	0.00	0.00	46.54	47.05	52.0	0.0	0.905
140.00	0.39	1.43	0.00	0.00	0.00	45.08	45.54	52.0	0.0	0.876
141.00	0.39	1.43	0.00	0.00	0.00	44.44	44.90	52.0	0.0	0.864
142.00	0.38	1.44	0.00	0.00	0.00	43.78	44.24	52.0	0.0	0.851
143.00	0.38	1.44	0.00	0.00	0.00	43.10	43.55	52.0	0.0	0.838
144.00	0.38	1.45	0.00	0.00	0.00	42.40	42.85	52.0	0.0	0.824
145.00	0.37	1.45	0.00	0.00	0.00	41.66	42.11	52.0	0.0	0.810
146.00	0.37	1.45	0.00	0.00	0.00	40.91	41.35	52.0	0.0	0.796
147.00	0.37	1.46	0.00	0.00	0.00	40.12	40.57	52.0	0.0	0.781
148.00	0.37	1.46	0.00	0.00	0.00	39.31	39.75	52.0	0.0	0.765
149.00	0.36	1.47	0.00	0.00	0.00	38.46	38.91	52.0	0.0	0.749
150.00	0.35	1.44	0.00	0.00	0.00	37.59	38.02	52.0	0.0	0.731
151.00	0.35	1.44	0.00	0.00	0.00	36.72	37.15	52.0	0.0	0.715
152.00	0.34	1.45	0.00	0.00	0.00	35.82	36.25	52.0	0.0	0.697
153.00	0.34	1.45	0.00	0.00	0.00	34.88	35.31	52.0	0.0	0.679
154.00	0.34	1.45	0.00	0.00	0.00	33.91	34.34	52.0	0.0	0.661
155.00	0.34	1.46	0.00	0.00	0.00	32.90	33.34	52.0	0.0	0.641
156.00	0.33	1.46	0.00	0.00	0.00	31.86	32.29	52.0	0.0	0.621

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)

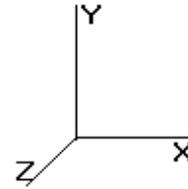
Code: TIA/EIA-222 Rev F

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Base Elev: 0.000 (ft)

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Load Case: No Ice 80.00 mph Wind with No Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

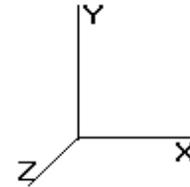
157.00	0.33	1.47	0.00	0.00	0.00	30.77	31.20	52.0	0.0	0.600
158.00	0.33	1.47	0.00	0.00	0.00	29.64	30.07	52.0	0.0	0.579
159.00	0.33	1.48	0.00	0.00	0.00	28.46	28.90	52.0	0.0	0.556
160.00	0.32	1.49	0.00	0.00	0.00	27.23	27.67	52.0	0.0	0.532
161.00	0.32	1.49	0.00	0.00	0.00	25.95	26.40	52.0	0.0	0.508
162.00	0.32	1.50	0.00	0.00	0.00	24.63	25.08	52.0	0.0	0.482
163.00	0.31	1.50	0.00	0.00	0.00	23.24	23.70	52.0	0.0	0.456
164.00	0.31	1.51	0.00	0.00	0.00	21.80	22.26	52.0	0.0	0.428
165.00	0.31	1.52	0.00	0.00	0.00	20.29	20.77	52.0	0.0	0.400
166.00	0.21	0.96	0.00	0.00	0.00	18.72	19.01	52.0	0.0	0.366
167.00	0.21	0.97	0.00	0.00	0.00	17.86	18.15	52.0	0.0	0.349
168.00	0.21	0.97	0.00	0.00	0.00	16.96	17.25	52.0	0.0	0.332
169.00	0.21	0.97	0.00	0.00	0.00	16.02	16.31	52.0	0.0	0.314
170.00	0.20	0.97	0.00	0.00	0.00	15.04	15.33	52.0	0.0	0.295
171.00	0.20	0.98	0.00	0.00	0.00	14.01	14.32	52.0	0.0	0.275
172.00	0.20	0.98	0.00	0.00	0.00	12.94	13.25	52.0	0.0	0.255
173.00	0.20	0.98	0.00	0.00	0.00	11.83	12.14	52.0	0.0	0.234
174.00	0.19	0.99	0.00	0.00	0.00	10.65	10.98	52.0	0.0	0.211
175.00	0.19	0.99	0.00	0.00	0.00	9.43	9.77	52.0	0.0	0.188
176.00	0.19	1.00	0.00	0.00	0.00	8.14	8.51	52.0	0.0	0.164
177.00	0.19	1.00	0.00	0.00	0.00	6.80	7.20	52.0	0.0	0.138
178.00	0.19	1.00	0.00	0.00	0.00	5.38	5.84	52.0	0.0	0.112
179.00	0.18	1.01	0.00	0.00	0.00	3.90	4.44	52.0	0.0	0.085
180.00	0.00	0.95	0.00	0.00	0.00	2.34	2.87	52.0	0.0	0.055

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

34 Iterations

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

Shaft Segment Forces

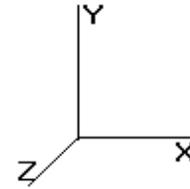
Seg Top												Ice	Wind	Dead	Tot Dead
Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Force X (lb)	Load Ice (lb)	Load (lb)		
0.00		0.00	1.00	12.287	20.76	304.54	0.650	0.500	0.00	0.000	0.00	0.0	0.0	0.0	
1.00		0.00	1.00	12.287	20.76	303.27	0.650	0.500	1.00	4.470	2.91	60.3	32.7	346.2	
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	345.0	
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	343.8	
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	342.7	
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	341.5	
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	340.3	
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	339.2	
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	338.0	
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	336.8	
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	335.6	
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	334.5	
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	333.3	
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	332.1	
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	330.9	
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	329.8	
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	328.6	
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	327.4	
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	326.3	
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	325.1	
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	323.9	
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	322.7	
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	321.6	
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	320.4	
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	319.2	
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	318.1	
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	316.9	
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	315.7	
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	314.5	
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	313.4	
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	312.2	
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	311.0	
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	309.8	
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	308.7	
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	307.5	
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	306.3	
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	305.2	
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	304.0	
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	302.8	
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	301.6	
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	300.5	
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	299.3	
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	298.1	
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	284.1	
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	20.6	
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	472.7	
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	470.7	
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	468.6	
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	466.6	
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	464.5	
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	462.4	

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: Ice 69.28 mph Wind with Ice 34 Iterations

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

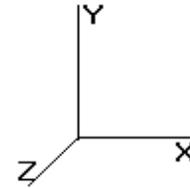
49.04	Top - Section 1	0.00	1.12	13.760	23.25	256.52	0.650	0.500	0.04	0.145	0.09	2.2	1.1	18.4
50.00		0.00	1.12	13.836	23.38	260.54	0.650	0.500	0.96	3.491	2.27	53.1	25.5	253.9
51.00		0.00	1.13	13.915	23.51	259.93	0.650	0.500	1.00	3.618	2.35	55.3	26.4	263.5
52.00		0.00	1.13	13.992	23.64	259.30	0.650	0.500	1.00	3.600	2.34	55.3	26.3	262.5
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	261.4
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	260.4
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	259.4
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	258.4
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	257.3
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	256.3
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	255.3
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	254.3
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	253.3
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	252.2
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	251.2
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	250.2
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	249.2
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	248.1
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	247.1
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	246.1
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	245.1
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	244.0
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	243.0
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	242.0
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	241.0
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	239.9
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	238.9
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	237.9
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	236.9
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	235.8
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	234.8
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	233.8
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	232.8
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	231.7
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	230.7
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	229.7
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	228.7
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	227.6
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	226.6
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	121.9
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	157.5
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	341.0
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	339.3
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	337.5
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	335.7
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	152.7
93.00		0.00	1.34	16.520	27.91	221.71	0.650	0.500	0.54	1.575	1.02	28.6	11.5	109.2
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	200.1
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	199.3
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	198.4
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	197.5
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	196.6
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	195.8
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	194.9
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	194.0
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	193.1
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	192.3

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 34 Iterations

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

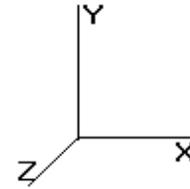
104.0	Reinf. Top	0.00	1.38	17.056	28.82	212.92	0.650	0.500	1.00	2.701	1.76	50.6	19.6	191.4
105.0	Appertunance(s)	0.00	1.39	17.103	28.90	211.72	0.650	0.500	1.00	2.683	1.74	50.4	19.5	123.7
106.0		0.00	1.39	17.150	28.98	210.51	0.650	0.500	1.00	2.664	1.73	50.2	19.4	122.8
107.0		0.00	1.39	17.196	29.06	209.29	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		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

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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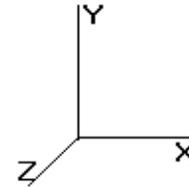
Load Case: Ice		69.28 mph Wind with Ice										34 Iterations		
Gust Response Factor : 1.69														
Dead Load Factor : 1.00														
Wind Load Factor : 1.00														
158.0		0.00	1.56	19.221	32.48	143.17	0.650	0.500	1.00	1.745	1.13	36.8	12.5	52.5
159.0		0.00	1.56	19.256	32.54	141.71	0.650	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		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	36,037.8

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

34 Iterations

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

Discrete Appurtenance Segment Forces

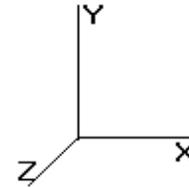
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	12.287	20.766	1.00	1.21	0.000	0.000	25.13	0.00	0.00	18.24
78.00	PCTEL GPS-TMG-HR-	1	15.711	26.551	1.00	0.14	0.000	0.000	3.72	0.00	0.00	1.90
95.00	Flat Side Arm	1	16.621	28.090	1.00	7.00	0.000	0.000	196.63	0.00	0.00	230.00
95.00	Bird 429-83H-01-T	1	16.621	28.090	0.50	0.64	0.000	0.000	18.12	0.00	0.00	29.20
95.00	Andrew DB586	1	16.720	28.257	1.00	0.00	0.000	2.000	0.00	0.00	0.00	0.00
95.00	Andrew DB586	1	16.520	27.919	1.00	0.00	0.000	-2.000	0.00	0.00	0.00	0.00
105.0	RFS APXV18-206517S-	3	17.103	28.904	0.80	14.04	0.000	0.000	405.82	0.00	0.00	159.39
114.5	Decibel DB844H90E-	12	17.532	29.629	0.92	47.36	0.000	0.000	1,403.26	0.00	0.00	483.59
114.5	Round Low Profile PI	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 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	Round Low Profile PI	1	17.977	30.381	1.00	27.20	0.000	0.000	826.35	0.00	0.00	1,700.00
125.0	Antel BXA-70063/6CF-	2	17.977	30.381	0.77	13.15	0.000	0.000	399.55	0.00	0.00	116.00
125.0	Antel BXA-171085-12B	2	17.977	30.381	0.88	9.59	0.000	0.000	291.41	0.00	0.00	84.80
125.0	AntelBXA-171063-	1	17.977	30.381	0.88	4.80	0.000	0.000	145.97	0.00	0.00	42.40
125.0	RFS FD9R6004/2C-3L	6	17.977	30.381	0.50	1.50	0.000	0.000	45.57	0.00	0.00	32.40
125.0	Antel BXA-70040/6CF	1	17.977	30.381	0.70	12.07	0.000	0.000	366.63	0.00	0.00	119.40
125.0	Antel LPA-80063/6CF	2	17.977	30.381	0.95	21.24	0.000	0.000	645.35	0.00	0.00	202.00
132.0	Alcatel-Lucent 1900M	3	18.259	30.857	0.67	8.44	0.000	0.000	260.50	0.00	0.00	225.60
132.0	Alcatel-Lucent 800 M	3	18.259	30.857	0.67	6.55	0.000	0.000	202.20	0.00	0.00	263.40
132.0	Andrew DB980H90E-M	6	18.337	30.990	0.79	21.19	0.000	2.000	656.62	0.00	1,313.23	176.82
132.0	RFS APXVSPP18-C-	3	18.337	30.990	0.83	22.61	0.000	2.000	700.67	0.00	1,401.33	319.50
132.0	Flat Low Profile Pla	1	18.259	30.857	1.00	31.60	0.000	0.000	975.09	0.00	0.00	1,700.00
140.0	Round Side Arm	3	18.568	31.381	1.00	17.70	0.000	0.000	555.44	0.00	0.00	525.00
140.0	Telewave ANT150D	1	18.644	31.508	1.00	4.62	0.000	2.000	145.57	0.00	291.13	38.90
140.0	Sinclair SC432D-HF6L	1	18.829	31.821	1.00	6.52	0.000	7.000	207.47	0.00	1,452.31	86.00
140.0	Decibel DB809K-XT	3	18.792	31.759	1.00	14.76	0.000	6.000	468.76	0.00	2,812.58	192.00
140.0	Bird 432-83H-01-T	2	18.568	31.381	0.50	1.29	0.000	0.000	40.48	0.00	0.00	58.40
150.0	Round Side Arm	1	18.938	32.005	0.67	3.95	0.000	0.000	126.52	0.00	0.00	175.00
150.0	Sinclair SD210C2-SF2	1	18.938	32.005	1.00	4.40	0.000	0.000	140.82	0.00	0.00	39.80
166.0	Round Sector Frame	3	19.494	32.946	0.67	38.59	0.000	0.000	1,271.43	0.00	0.00	1,245.00
166.0	Ericsson AIR 21, 1.3	3	19.494	32.946	0.85	18.36	0.000	0.000	604.88	0.00	0.00	397.80
166.0	Ericsson AIR 21, 1.3	3	19.494	32.946	0.86	18.58	0.000	0.000	612.00	0.00	0.00	397.80
166.0	Ericsson KRY 112 144	3	19.494	32.946	0.50	0.83	0.000	0.000	27.18	0.00	0.00	42.30
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	Powerwave LGP21401	6	19.951	33.717	0.50	4.59	0.000	0.000	154.76	0.00	0.00	127.56
180.0	Powerwave 7770.00	6	19.951	33.717	0.77	30.17	0.000	0.000	1,017.19	0.00	0.00	405.78
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	Andrew ABT-DMDF-	1	20.076	33.929	0.50	0.05	0.000	4.000	1.87	0.00	7.46	1.80
180.0	KMW AM-X-CD-16-65-	3	20.076	33.929	0.79	21.52	0.000	4.000	730.14	0.00	2,920.56	285.00
180.0	10' Omni	1	20.076	33.929	1.00	4.00	0.000	4.000	135.72	0.00	542.87	25.00
									17,040.74			13,967.17

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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 Shape : 18 Sides
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)

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Load Case: Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces

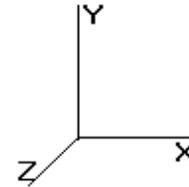
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
1.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
1.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
1.00	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
2.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
3.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
4.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
5.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
6.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
7.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(12) 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	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

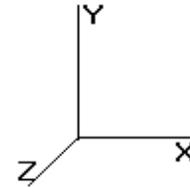
8.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
8.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
8.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
9.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
10.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
11.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
11.00	(12) 1 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
12.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
13.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
14.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
15.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(12) 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

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

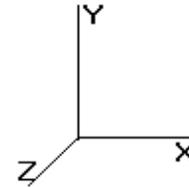
16.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
16.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
17.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
18.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
19.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
20.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
21.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
22.00	(12) 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
22.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
23.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(12) 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

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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 Shape : 18 Sides
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Base Elev : 0.000 (ft)

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Load Case: Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

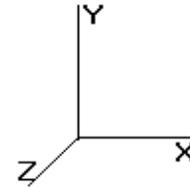
24.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
24.00	(1) 7/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
25.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
25.00	(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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
26.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
27.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
28.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
29.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
30.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
31.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
32.00	(12) 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	(1) Reinforcement	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

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

34 Iterations

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

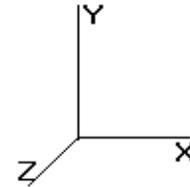
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
33.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	12.287	12.46	42.03
33.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.287	0.00	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.287	0.00	0.00
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.393	0.00	0.00
34.00	(12) 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
34.00	(1) Reinforcement	Yes	1.00	0.00	0.00	12.393	0.00	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	12.393	0.00	0.00
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.496	0.00	0.00
35.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.597	0.00	0.00
36.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.696	0.00	0.00
37.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.793	0.00	0.00
38.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.888	0.00	0.00
39.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	12.982	0.00	0.00
40.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.073	0.00	0.00
41.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.00	(12) 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

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

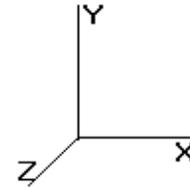
42.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.00	(1) Reinforcement	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	13.164	0.00	0.00
42.96	(1) 1 1/4" Hybriflex	Yes	0.96	0.00	0.00	13.249	0.00	0.00
42.96	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.249	12.85	40.20
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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	0.04	0.00	0.00	13.253	0.00	0.00
43.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.340	0.00	0.00
44.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.426	0.00	0.00
45.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.510	0.00	0.00
46.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.594	0.00	0.00
47.00	(12) 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	(1) Reinforcement	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
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.676	0.00	0.00
48.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.756	0.00	0.00
49.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	0.04	0.00	0.00	13.760	0.00	0.00
49.04	(12) 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	(1) Reinforcement	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

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

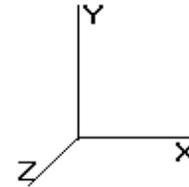
50.00	(1) 1 1/4" Hybriflex	Yes	0.96	0.00	0.00	13.836	0.00	0.00
50.00	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.836	13.47	40.35
50.00	(12) 1 5/8" Coax	Yes	0.96	42.03	0.60	13.836	13.47	40.35
50.00	(12) 1 1/4" Coax	Yes	0.96	0.00	0.00	13.836	0.00	0.00
50.00	(1) Reinforcement	Yes	0.96	0.00	0.00	13.836	0.00	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	0.00	0.00	13.836	0.00	0.00
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.915	0.00	0.00
51.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	13.992	0.00	0.00
52.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.068	0.00	0.00
53.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.144	0.00	0.00
54.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.218	0.00	0.00
55.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.291	0.00	0.00
56.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.364	0.00	0.00
57.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.435	0.00	0.00
58.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.506	0.00	0.00
59.00	(12) 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

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 34 Iterations

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

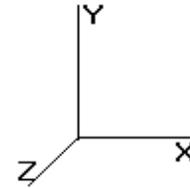
59.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	14.506	0.00	0.00
59.00	(1) Reinforcement	Yes	1.00	0.00	0.00	14.506	0.00	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	14.506	0.00	0.00
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.576	0.00	0.00
60.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.576	14.78	42.03
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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.645	0.00	0.00
61.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	14.645	14.85	42.03
61.00	(12) 1 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.713	0.00	0.00
62.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.781	0.00	0.00
63.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.847	0.00	0.00
64.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.913	0.00	0.00
65.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	14.978	0.00	0.00
66.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.043	0.00	0.00
67.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.107	0.00	0.00
68.00	(12) 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	(1) Reinforcement	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

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

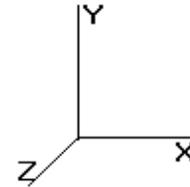
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.170	0.00	0.00
69.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.170	15.38	42.03
69.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.170	15.38	42.03
69.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.170	0.00	0.00
69.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.170	0.00	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.170	0.00	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.232	0.00	0.00
70.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.294	0.00	0.00
71.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.355	0.00	0.00
72.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.416	0.00	0.00
73.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.476	0.00	0.00
74.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.536	0.00	0.00
75.00	(12) 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
75.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.536	0.00	0.00
75.00	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.594	0.00	0.00
76.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.653	0.00	0.00
77.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.711	0.00	0.00
78.00	(12) 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

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
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Load Case: Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

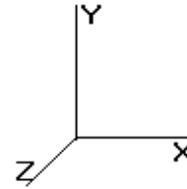
78.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	15.711	0.00	0.00
78.00	(1) Reinforcement	Yes	1.00	0.00	0.00	15.711	0.00	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	15.711	0.00	0.00
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.768	0.00	0.00
79.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	15.768	15.99	42.03
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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.825	0.00	0.00
80.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.881	0.00	0.00
81.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.937	0.00	0.00
82.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	15.992	0.00	0.00
83.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.047	0.00	0.00
84.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.101	0.00	0.00
85.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.155	0.00	0.00
86.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.209	0.00	0.00
87.00	(12) 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	(1) Reinforcement	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

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

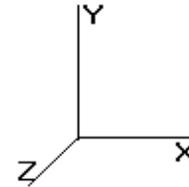
87.54	(1) 1 1/4" Hybriflex	Yes	0.54	0.00	0.00	16.237	0.00	0.00
87.54	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.237	8.89	22.69
87.54	(12) 1 5/8" Coax	Yes	0.54	42.03	0.60	16.237	8.89	22.69
87.54	(12) 1 1/4" Coax	Yes	0.54	0.00	0.00	16.237	0.00	0.00
87.54	(1) Reinforcement	Yes	0.54	0.00	0.00	16.237	0.00	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	0.00	0.00	16.237	0.00	0.00
88.00	(1) 1 1/4" Hybriflex	Yes	0.46	0.00	0.00	16.262	0.00	0.00
88.00	(12) 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
88.00	(1) Reinforcement	Yes	0.46	0.00	0.00	16.262	0.00	0.00
88.00	(6) 1 5/8" Coax	Yes	0.46	0.00	0.00	16.262	0.00	0.00
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.314	0.00	0.00
89.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.366	0.00	0.00
90.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.418	0.00	0.00
91.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.469	0.00	0.00
92.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	0.46	0.00	0.00	16.493	0.00	0.00
92.46	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	0.54	0.00	0.00	16.520	0.00	0.00
93.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.571	0.00	0.00
94.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.621	0.00	0.00
95.00	(12) 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

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

34 Iterations

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

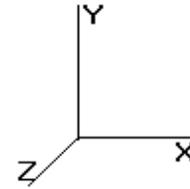
95.00	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	16.621	0.00	0.00
95.00	(1) Reinforcement	Yes	1.00	0.00	0.00	16.621	0.00	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	16.621	0.00	0.00
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.671	0.00	0.00
96.00	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	16.671	16.90	42.03
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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.720	0.00	0.00
97.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.769	0.00	0.00
98.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.818	0.00	0.00
99.00	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.866	0.00	0.00
100.0	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.914	0.00	0.00
101.0	(12) 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	(1) Reinforcement	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
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	16.962	0.00	0.00
102.0	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.009	0.00	0.00
103.0	(12) 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	(1) Reinforcement	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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.056	0.00	0.00
104.0	(12) 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	(1) Reinforcement	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

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)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

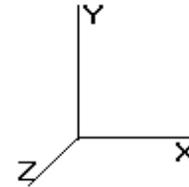
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.103	0.00	0.00
105.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.103	17.34	42.03
105.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.103	17.34	42.03
105.0	(12) 1 1/4" Coax	Yes	1.00	0.00	0.00	17.103	0.00	0.00
105.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.103	0.00	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.00	0.00	17.103	0.00	0.00
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.150	0.00	0.00
106.0	(12) 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
106.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.150	0.00	0.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.196	0.00	0.00
107.0	(12) 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
107.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.196	0.00	0.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.241	0.00	0.00
108.0	(12) 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
108.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.241	0.00	0.00
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.287	0.00	0.00
109.0	(12) 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
109.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.287	0.00	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.332	0.00	0.00
110.0	(12) 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
110.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.332	0.00	0.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.377	0.00	0.00
111.0	(12) 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
111.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.377	0.00	0.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.421	0.00	0.00
112.0	(12) 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
112.0	(1) Reinforcement	Yes	1.00	0.00	0.00	17.421	0.00	0.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.466	0.00	0.00
113.0	(12) 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
113.0	(1) Reinforcement	Yes	0.50	0.00	0.00	17.466	0.00	0.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.510	0.00	0.00
114.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	0.50	0.00	0.00	17.532	0.00	0.00
114.5	(12) 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	(1) 1 1/4" Hybriflex	Yes	0.50	0.00	0.00	17.554	0.00	0.00
115.0	(12) 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

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 34 Iterations

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

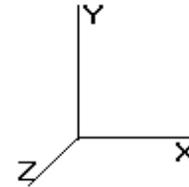
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.597	0.00	0.00
116.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.597	17.84	42.03
116.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.597	17.84	42.03
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.640	0.00	0.00
117.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.640	17.89	42.03
117.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.640	17.89	42.03
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.683	0.00	0.00
118.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.726	0.00	0.00
119.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.768	0.00	0.00
120.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.768	18.02	42.03
120.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	17.768	18.02	42.03
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.811	0.00	0.00
121.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.852	0.00	0.00
122.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.894	0.00	0.00
123.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.936	0.00	0.00
124.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	17.977	0.00	0.00
125.0	(12) 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	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.018	0.00	0.00
126.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.018	18.27	42.03
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.058	0.00	0.00
127.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.058	18.31	42.03
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.099	0.00	0.00
128.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.099	18.35	42.03
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.139	0.00	0.00
129.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.139	18.39	42.03
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.179	0.00	0.00
130.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.179	18.43	42.03
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.219	0.00	0.00
131.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.219	18.47	42.03
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.259	0.00	0.00
132.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.259	18.51	42.03
132.1	(1) 1 1/4" Hybriflex	Yes	0.12	0.00	0.00	18.264	0.00	0.00
132.1	(12) 1 5/8" Coax	Yes	0.12	42.03	0.60	18.264	2.22	5.04
133.0	(1) 1 1/4" Hybriflex	Yes	0.88	0.00	0.00	18.298	0.00	0.00
133.0	(12) 1 5/8" Coax	Yes	0.88	42.03	0.60	18.298	16.33	36.99
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.337	0.00	0.00
134.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.337	18.59	42.03
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.376	0.00	0.00
135.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.376	18.63	42.03
135.8	(1) 1 1/4" Hybriflex	Yes	0.87	0.00	0.00	18.410	0.00	0.00
135.8	(12) 1 5/8" Coax	Yes	0.87	42.03	0.60	18.410	16.24	36.56
136.0	(1) 1 1/4" Hybriflex	Yes	0.13	0.00	0.00	18.415	0.00	0.00
136.0	(12) 1 5/8" Coax	Yes	0.13	42.03	0.60	18.415	2.43	5.47
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.454	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 34 Iterations

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

137.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.454	18.71	42.03
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.492	0.00	0.00
138.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.492	18.75	42.03
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.530	0.00	0.00
139.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.530	18.79	42.03
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.568	0.00	0.00
140.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.568	18.83	42.03
141.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.606	0.00	0.00
141.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.606	18.87	42.03
142.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.644	0.00	0.00
142.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.644	18.90	42.03
143.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.681	0.00	0.00
143.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.681	18.94	42.03
144.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.718	0.00	0.00
144.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.718	18.98	42.03
145.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.755	0.00	0.00
145.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.755	19.02	42.03
146.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.792	0.00	0.00
146.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.792	19.06	42.03
147.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.829	0.00	0.00
147.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.829	19.09	42.03
148.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.866	0.00	0.00
148.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.866	19.13	42.03
149.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.902	0.00	0.00
149.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.902	19.17	42.03
150.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.938	0.00	0.00
150.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.938	19.20	42.03
151.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	18.974	0.00	0.00
151.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	18.974	19.24	42.03
152.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.010	0.00	0.00
152.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.010	19.28	42.03
153.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.045	0.00	0.00
153.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.045	19.31	42.03
154.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.081	0.00	0.00
154.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.081	19.35	42.03
155.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.116	0.00	0.00
155.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.116	19.38	42.03
156.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.151	0.00	0.00
156.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.151	19.42	42.03
157.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.186	0.00	0.00
157.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.186	19.46	42.03
158.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.221	0.00	0.00
158.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.221	19.49	42.03
159.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.256	0.00	0.00
159.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.256	19.53	42.03
160.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.290	0.00	0.00
160.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.290	19.56	42.03
161.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.325	0.00	0.00
161.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.325	19.60	42.03
162.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.359	0.00	0.00
162.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.359	19.63	42.03
163.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.393	0.00	0.00
163.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.393	19.66	42.03
164.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.427	0.00	0.00
164.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.427	19.70	42.03
165.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.461	0.00	0.00
165.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.461	19.73	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)

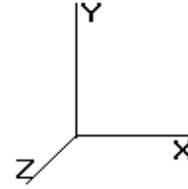
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Base Elev : 0.000 (ft)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

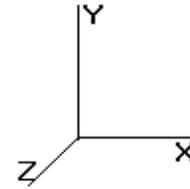
166.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.00	0.00	19.494		0.00	0.00
166.0	(12) 1 5/8" Coax	Yes	1.00	42.03	0.60	19.494		19.77	42.03
Totals:								4,513.57	12,230.73

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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Load Case: Ice

69.28 mph Wind with Ice

34 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	466.40	0.00	0.00
2.00	85.01	465.22	0.00	0.00
3.00	84.76	464.05	0.00	0.00
4.00	84.51	462.88	0.00	0.00
5.00	84.27	461.71	0.00	0.00
6.00	84.02	460.53	0.00	0.00
7.00	83.77	459.36	0.00	0.00
8.00	83.53	458.19	0.00	0.00
9.00	83.28	457.02	0.00	0.00
10.00	83.03	455.85	0.00	0.00
11.00	82.78	454.67	0.00	0.00
12.00	82.54	453.50	0.00	0.00
13.00	82.29	452.33	0.00	0.00
14.00	82.04	451.16	0.00	0.00
15.00	81.80	449.98	0.00	0.00
16.00	81.55	448.81	0.00	0.00
17.00	81.30	447.64	0.00	0.00
18.00	81.06	446.47	0.00	0.00
19.00	80.81	445.29	0.00	0.00
20.00	80.56	444.12	0.00	0.00
21.00	80.32	442.95	0.00	0.00
22.00	80.07	441.78	0.00	0.00
23.00	79.82	440.61	0.00	0.00
24.00	79.58	439.43	0.00	0.00
25.00	79.33	438.26	0.00	0.00
26.00	79.08	437.09	0.00	0.00
27.00	78.84	435.92	0.00	0.00
28.00	78.59	434.74	0.00	0.00
29.00	78.34	433.57	0.00	0.00
30.00	103.22	450.64	0.00	0.00
31.00	77.85	431.23	0.00	0.00
32.00	77.60	430.05	0.00	0.00
33.00	77.35	428.88	0.00	0.00
34.00	77.77	427.71	0.00	0.00
35.00	78.16	426.54	0.00	0.00
36.00	78.54	425.37	0.00	0.00
37.00	78.90	424.19	0.00	0.00
38.00	79.25	423.02	0.00	0.00
39.00	79.58	421.85	0.00	0.00
40.00	79.90	420.68	0.00	0.00
41.00	80.20	419.50	0.00	0.00
42.00	80.49	418.33	0.00	0.00
42.96	77.24	399.07	0.00	0.00
43.00	3.54	25.80	0.00	0.00
44.00	81.95	592.95	0.00	0.00
45.00	82.21	590.88	0.00	0.00
46.00	82.45	588.82	0.00	0.00
47.00	82.69	586.76	0.00	0.00
48.00	82.91	584.70	0.00	0.00

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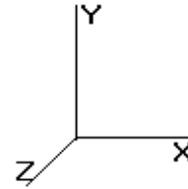
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Base Elev : 0.000 (ft)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

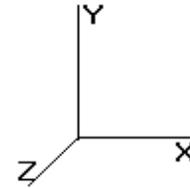
49.00	83.13	582.64	0.00	0.00
49.04	3.31	23.21	0.00	0.00
50.00	80.00	369.36	0.00	0.00
51.00	83.52	383.70	0.00	0.00
52.00	83.71	382.68	0.00	0.00
53.00	83.88	381.65	0.00	0.00
54.00	84.05	380.63	0.00	0.00
55.00	84.20	379.61	0.00	0.00
56.00	84.35	378.58	0.00	0.00
57.00	84.49	377.56	0.00	0.00
58.00	84.62	376.53	0.00	0.00
59.00	84.74	375.51	0.00	0.00
60.00	84.86	374.49	0.00	0.00
61.00	84.97	373.46	0.00	0.00
62.00	85.07	372.44	0.00	0.00
63.00	85.16	371.41	0.00	0.00
64.00	85.24	370.39	0.00	0.00
65.00	85.32	369.36	0.00	0.00
66.00	85.40	368.34	0.00	0.00
67.00	85.46	367.32	0.00	0.00
68.00	85.52	366.29	0.00	0.00
69.00	85.57	365.27	0.00	0.00
70.00	85.62	364.24	0.00	0.00
71.00	85.66	363.22	0.00	0.00
72.00	85.69	362.20	0.00	0.00
73.00	85.72	361.17	0.00	0.00
74.00	85.75	360.15	0.00	0.00
75.00	85.76	359.12	0.00	0.00
76.00	85.77	358.10	0.00	0.00
77.00	85.78	357.07	0.00	0.00
78.00	89.50	357.95	0.00	0.00
79.00	85.78	354.88	0.00	0.00
80.00	85.77	353.85	0.00	0.00
81.00	85.76	352.83	0.00	0.00
82.00	85.74	351.80	0.00	0.00
83.00	85.71	350.78	0.00	0.00
84.00	85.68	349.76	0.00	0.00
85.00	85.65	348.73	0.00	0.00
86.00	85.61	347.71	0.00	0.00
87.00	85.57	346.68	0.00	0.00
87.54	46.15	186.77	0.00	0.00
88.00	39.74	212.76	0.00	0.00
89.00	86.41	461.09	0.00	0.00
90.00	86.35	459.33	0.00	0.00
91.00	86.30	457.56	0.00	0.00
92.00	86.24	455.80	0.00	0.00
92.46	39.32	207.53	0.00	0.00
93.00	46.79	174.40	0.00	0.00
94.00	86.10	320.21	0.00	0.00
95.00	300.77	578.53	0.00	0.00
96.00	85.95	317.65	0.00	0.00
97.00	85.87	316.77	0.00	0.00
98.00	85.79	315.90	0.00	0.00
99.00	85.70	315.02	0.00	0.00
100.0	85.60	314.14	0.00	0.00
101.0	85.51	313.27	0.00	0.00
102.0	85.41	312.39	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

34 Iterations

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

103.0	85.31	311.52	0.00	0.00
104.0	85.20	310.64	0.00	0.00
105.0	490.91	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	2,251.05	2,300.81	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	3,708.10	2,722.44	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	2,857.49	2,862.60	0.00	2,714.56
132.1	7.46	19.94	0.00	0.00
133.0	55.27	191.26	0.00	0.00
134.0	62.58	216.04	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	1,478.85	1,030.12	0.00	4,556.03
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	325.88	333.26	0.00	0.00
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

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)

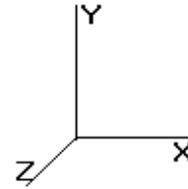
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Base Elev : 0.000 (ft)

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Load Case: Ice 69.28 mph Wind with Ice 34 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

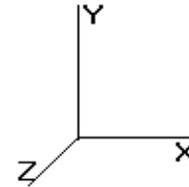
157.0	56.61	113.58	0.00	0.00
158.0	56.33	113.00	0.00	0.00
159.0	56.05	112.42	0.00	0.00
160.0	55.76	111.84	0.00	0.00
161.0	55.47	111.26	0.00	0.00
162.0	55.18	110.68	0.00	0.00
163.0	54.89	110.10	0.00	0.00
164.0	54.59	109.52	0.00	0.00
165.0	54.30	108.94	0.00	0.00
166.0	2,569.49	2,191.26	0.00	0.00
167.0	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	31.52	61.69	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	3,590.10	3,022.75	0.00	5,293.13
Totals:	30,344.25	67,913.26	0.00	12,563.72

Pole : 302506
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Load Case: Ice	69.28 mph Wind with Ice	34 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

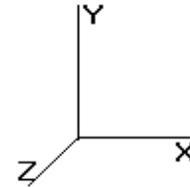
Calculated Shaft Forces and Deflections

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	-30.360	-67.904	0.000	0.000	0.000	-3,741.211	0.000	0.000	0.000	0.000
1.00	-30.312	-67.421	0.000	0.000	0.000	-3,710.852	-0.004	0.000	0.004	-0.031
2.00	-30.263	-66.939	0.000	0.000	0.000	-3,680.541	-0.014	0.000	0.014	-0.063
3.00	-30.214	-66.459	0.000	0.000	0.000	-3,650.279	-0.031	0.000	0.031	-0.094
4.00	-30.165	-65.979	0.000	0.000	0.000	-3,620.065	-0.054	0.000	0.054	-0.126
5.00	-30.116	-65.501	0.000	0.000	0.000	-3,589.901	-0.084	0.000	0.084	-0.158
6.00	-30.067	-65.024	0.000	0.000	0.000	-3,559.786	-0.121	0.000	0.121	-0.189
7.00	-30.017	-64.548	0.000	0.000	0.000	-3,529.719	-0.164	0.000	0.164	-0.221
8.00	-29.968	-64.074	0.000	0.000	0.000	-3,499.703	-0.214	0.000	0.214	-0.253
9.00	-29.918	-63.600	0.000	0.000	0.000	-3,469.736	-0.271	0.000	0.271	-0.285
10.00	-29.868	-63.128	0.000	0.000	0.000	-3,439.818	-0.334	0.000	0.334	-0.317
11.00	-29.818	-62.657	0.000	0.000	0.000	-3,409.951	-0.405	0.000	0.405	-0.350
12.00	-29.768	-62.187	0.000	0.000	0.000	-3,380.134	-0.482	0.000	0.482	-0.382
13.00	-29.717	-61.719	0.000	0.000	0.000	-3,350.367	-0.565	0.000	0.565	-0.415
14.00	-29.667	-61.251	0.000	0.000	0.000	-3,320.650	-0.656	0.000	0.656	-0.447
15.00	-29.616	-60.785	0.000	0.000	0.000	-3,290.984	-0.753	0.000	0.753	-0.480
16.00	-29.565	-60.320	0.000	0.000	0.000	-3,261.368	-0.858	0.000	0.858	-0.513
17.00	-29.514	-59.856	0.000	0.000	0.000	-3,231.804	-0.969	0.000	0.969	-0.545
18.00	-29.463	-59.394	0.000	0.000	0.000	-3,202.291	-1.087	0.000	1.087	-0.578
19.00	-29.411	-58.932	0.000	0.000	0.000	-3,172.829	-1.212	0.000	1.212	-0.611
20.00	-29.360	-58.472	0.000	0.000	0.000	-3,143.418	-1.344	0.000	1.344	-0.644
21.00	-29.308	-58.013	0.000	0.000	0.000	-3,114.059	-1.482	0.000	1.482	-0.678
22.00	-29.256	-57.555	0.000	0.000	0.000	-3,084.751	-1.628	0.000	1.628	-0.711
23.00	-29.204	-57.099	0.000	0.000	0.000	-3,055.496	-1.781	0.000	1.781	-0.744
24.00	-29.152	-56.643	0.000	0.000	0.000	-3,026.293	-1.941	0.000	1.941	-0.778
25.00	-29.099	-56.189	0.000	0.000	0.000	-2,997.142	-2.108	0.000	2.108	-0.811
26.00	-29.047	-55.736	0.000	0.000	0.000	-2,968.043	-2.281	0.000	2.281	-0.845
27.00	-28.994	-55.285	0.000	0.000	0.000	-2,938.997	-2.462	0.000	2.462	-0.879
28.00	-28.941	-54.834	0.000	0.000	0.000	-2,910.004	-2.650	0.000	2.650	-0.913
29.00	-28.888	-54.385	0.000	0.000	0.000	-2,881.064	-2.845	0.000	2.845	-0.946
30.00	-28.809	-53.919	0.000	0.000	0.000	-2,852.177	-3.047	0.000	3.047	-0.980
31.00	-28.756	-53.472	0.000	0.000	0.000	-2,823.368	-3.257	0.000	3.257	-1.015
32.00	-28.702	-53.026	0.000	0.000	0.000	-2,794.613	-3.473	0.000	3.473	-1.049
33.00	-28.648	-52.582	0.000	0.000	0.000	-2,765.912	-3.697	0.000	3.697	-1.083
34.00	-28.593	-52.138	0.000	0.000	0.000	-2,737.265	-3.927	0.000	3.927	-1.117
35.00	-28.538	-51.696	0.000	0.000	0.000	-2,708.672	-4.165	0.000	4.165	-1.152
36.00	-28.482	-51.255	0.000	0.000	0.000	-2,680.135	-4.411	0.000	4.411	-1.186
37.00	-28.424	-50.816	0.000	0.000	0.000	-2,651.654	-4.663	0.000	4.663	-1.221
38.00	-28.367	-50.377	0.000	0.000	0.000	-2,623.231	-4.923	0.000	4.923	-1.255
39.00	-28.308	-49.940	0.000	0.000	0.000	-2,594.865	-5.190	0.000	5.190	-1.290
40.00	-28.249	-49.504	0.000	0.000	0.000	-2,566.558	-5.464	0.000	5.464	-1.325
41.00	-28.188	-49.070	0.000	0.000	0.000	-2,538.310	-5.745	0.000	5.745	-1.360
42.00	-28.127	-48.637	0.000	0.000	0.000	-2,510.122	-6.034	0.000	6.034	-1.395
42.96	-28.055	-48.231	0.000	0.000	0.000	-2,483.218	-6.317	0.000	6.317	-1.428
43.00	-28.066	-48.196	0.000	0.000	0.000	-2,481.999	-6.330	0.000	6.330	-1.430
44.00	-27.998	-47.589	0.000	0.000	0.000	-2,453.934	-6.634	0.000	6.634	-1.464
45.00	-27.929	-46.983	0.000	0.000	0.000	-2,425.937	-6.944	0.000	6.944	-1.499
46.00	-27.859	-46.380	0.000	0.000	0.000	-2,398.009	-7.262	0.000	7.262	-1.534
47.00	-27.788	-45.779	0.000	0.000	0.000	-2,370.151	-7.588	0.000	7.588	-1.569
48.00	-27.717	-45.180	0.000	0.000	0.000	-2,342.363	-7.920	0.000	7.920	-1.604
49.00	-27.631	-44.591	0.000	0.000	0.000	-2,314.647	-8.260	0.000	8.260	-1.639

Pole : 302506
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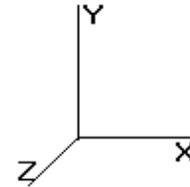
Gust Response Factor : 1.69
 Dead Load Factor : 1.00
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49.04	-27.641	-44.559	0.000	0.000	0.000	-2,313.544	-8.274	0.000	8.274	-1.640
50.00	-27.578	-44.175	0.000	0.000	0.000	-2,287.007	-8.607	0.000	8.607	-1.674
51.00	-27.512	-43.776	0.000	0.000	0.000	-2,259.429	-8.962	0.000	8.962	-1.712
52.00	-27.445	-43.378	0.000	0.000	0.000	-2,231.918	-9.325	0.000	9.325	-1.749
53.00	-27.378	-42.981	0.000	0.000	0.000	-2,204.473	-9.696	0.000	9.696	-1.787
54.00	-27.310	-42.585	0.000	0.000	0.000	-2,177.096	-10.074	0.000	10.074	-1.824
55.00	-27.241	-42.191	0.000	0.000	0.000	-2,149.787	-10.461	0.000	10.461	-1.862
56.00	-27.172	-41.797	0.000	0.000	0.000	-2,122.547	-10.855	0.000	10.855	-1.900
57.00	-27.102	-41.405	0.000	0.000	0.000	-2,095.376	-11.257	0.000	11.257	-1.937
58.00	-27.032	-41.014	0.000	0.000	0.000	-2,068.274	-11.667	0.000	11.667	-1.975
59.00	-26.961	-40.624	0.000	0.000	0.000	-2,041.244	-12.085	0.000	12.085	-2.013
60.00	-26.889	-40.235	0.000	0.000	0.000	-2,014.284	-12.511	0.000	12.511	-2.050
61.00	-26.817	-39.847	0.000	0.000	0.000	-1,987.395	-12.945	0.000	12.945	-2.088
62.00	-26.744	-39.460	0.000	0.000	0.000	-1,960.579	-13.387	0.000	13.387	-2.126
63.00	-26.671	-39.075	0.000	0.000	0.000	-1,933.835	-13.836	0.000	13.836	-2.164
64.00	-26.597	-38.690	0.000	0.000	0.000	-1,907.165	-14.294	0.000	14.294	-2.201
65.00	-26.523	-38.307	0.000	0.000	0.000	-1,880.569	-14.759	0.000	14.759	-2.239
66.00	-26.448	-37.925	0.000	0.000	0.000	-1,854.046	-15.232	0.000	15.232	-2.277
67.00	-26.373	-37.544	0.000	0.000	0.000	-1,827.599	-15.713	0.000	15.713	-2.315
68.00	-26.297	-37.164	0.000	0.000	0.000	-1,801.227	-16.203	0.000	16.203	-2.353
69.00	-26.221	-36.785	0.000	0.000	0.000	-1,774.930	-16.700	0.000	16.700	-2.390
70.00	-26.144	-36.408	0.000	0.000	0.000	-1,748.710	-17.205	0.000	17.205	-2.428
71.00	-26.066	-36.032	0.000	0.000	0.000	-1,722.568	-17.717	0.000	17.717	-2.466
72.00	-25.989	-35.656	0.000	0.000	0.000	-1,696.502	-18.238	0.000	18.238	-2.504
73.00	-25.910	-35.282	0.000	0.000	0.000	-1,670.514	-18.767	0.000	18.767	-2.541
74.00	-25.831	-34.909	0.000	0.000	0.000	-1,644.604	-19.303	0.000	19.303	-2.579
75.00	-25.752	-34.538	0.000	0.000	0.000	-1,618.774	-19.848	0.000	19.848	-2.617
76.00	-25.672	-34.167	0.000	0.000	0.000	-1,593.022	-20.400	0.000	20.400	-2.654
77.00	-25.592	-33.798	0.000	0.000	0.000	-1,567.350	-20.960	0.000	20.960	-2.692
78.00	-25.508	-33.428	0.000	0.000	0.000	-1,541.759	-21.528	0.000	21.528	-2.729
79.00	-25.427	-33.061	0.000	0.000	0.000	-1,516.252	-22.104	0.000	22.104	-2.767
80.00	-25.345	-32.695	0.000	0.000	0.000	-1,490.826	-22.688	0.000	22.688	-2.804
81.00	-25.263	-32.330	0.000	0.000	0.000	-1,465.481	-23.279	0.000	23.279	-2.841
82.00	-25.181	-31.967	0.000	0.000	0.000	-1,440.219	-23.878	0.000	23.878	-2.879
83.00	-25.098	-31.605	0.000	0.000	0.000	-1,415.039	-24.485	0.000	24.485	-2.916
84.00	-25.014	-31.244	0.000	0.000	0.000	-1,389.942	-25.100	0.000	25.100	-2.953
85.00	-24.931	-30.884	0.000	0.000	0.000	-1,364.928	-25.723	0.000	25.723	-2.990
86.00	-24.847	-30.525	0.000	0.000	0.000	-1,339.998	-26.353	0.000	26.353	-3.027
87.00	-24.758	-30.171	0.000	0.000	0.000	-1,315.151	-26.991	0.000	26.991	-3.063
87.54	-24.711	-29.979	0.000	0.000	0.000	-1,301.785	-27.338	0.000	27.338	-3.083
88.00	-24.674	-29.757	0.000	0.000	0.000	-1,290.416	-27.636	0.000	27.636	-3.100
89.00	-24.581	-29.286	0.000	0.000	0.000	-1,265.743	-28.290	0.000	28.290	-3.136
90.00	-24.487	-28.817	0.000	0.000	0.000	-1,241.162	-28.950	0.000	28.950	-3.172
91.00	-24.393	-28.350	0.000	0.000	0.000	-1,216.676	-29.619	0.000	29.619	-3.208
92.00	-24.294	-27.889	0.000	0.000	0.000	-1,192.283	-30.294	0.000	30.294	-3.243
92.46	-24.252	-27.676	0.000	0.000	0.000	-1,181.191	-30.605	0.000	30.605	-3.260
93.00	-24.209	-27.492	0.000	0.000	0.000	-1,168.012	-30.977	0.000	30.977	-3.279
94.00	-24.123	-27.162	0.000	0.000	0.000	-1,143.803	-31.668	0.000	31.668	-3.317
95.00	-23.806	-26.586	0.000	0.000	0.000	-1,119.681	-32.367	0.000	32.367	-3.354
96.00	-23.719	-26.259	0.000	0.000	0.000	-1,095.876	-33.074	0.000	33.074	-3.391
97.00	-23.631	-25.933	0.000	0.000	0.000	-1,072.158	-33.788	0.000	33.788	-3.428
98.00	-23.542	-25.607	0.000	0.000	0.000	-1,048.528	-34.510	0.000	34.510	-3.465
99.00	-23.454	-25.283	0.000	0.000	0.000	-1,024.986	-35.240	0.000	35.240	-3.502
100.0	-23.365	-24.960	0.000	0.000	0.000	-1,001.533	-35.977	0.000	35.977	-3.538
101.0	-23.276	-24.638	0.000	0.000	0.000	-978.168	-36.722	0.000	36.722	-3.574
102.0	-23.186	-24.317	0.000	0.000	0.000	-954.893	-37.475	0.000	37.475	-3.610
103.0	-23.096	-23.998	0.000	0.000	0.000	-931.708	-38.235	0.000	38.235	-3.646

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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 Shape : 18 Sides
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Code: TIA/EIA-222 Rev F

Base Elev : 0.000 (ft)



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Load Case: Ice 69.28 mph Wind with Ice 34 Iterations

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

104.0	-23.006	-23.679	0.000	0.000	0.000	-908.612	-39.002	0.000	39.002	-3.681
105.0	-22.511	-23.289	0.000	0.000	0.000	-885.607	-39.777	0.000	39.777	-3.716
106.0	-22.437	-23.026	0.000	0.000	0.000	-863.097	-40.562	0.000	40.562	-3.784
107.0	-22.364	-22.765	0.000	0.000	0.000	-840.661	-41.362	0.000	41.362	-3.852
108.0	-22.289	-22.505	0.000	0.000	0.000	-818.298	-42.175	0.000	42.175	-3.919
109.0	-22.214	-22.246	0.000	0.000	0.000	-796.009	-43.003	0.000	43.003	-3.986
110.0	-22.139	-21.988	0.000	0.000	0.000	-773.796	-43.845	0.000	43.845	-4.053
111.0	-22.063	-21.732	0.000	0.000	0.000	-751.658	-44.701	0.000	44.701	-4.119
112.0	-21.986	-21.476	0.000	0.000	0.000	-729.595	-45.570	0.000	45.570	-4.185
113.0	-21.909	-21.222	0.000	0.000	0.000	-707.610	-46.453	0.000	46.453	-4.250
114.0	-21.826	-20.976	0.000	0.000	0.000	-685.701	-47.350	0.000	47.350	-4.315
114.5	-19.418	-18.841	0.000	0.000	0.000	-674.789	-47.803	0.000	47.803	-4.347
115.0	-19.383	-18.711	0.000	0.000	0.000	-665.080	-48.260	0.000	48.260	-4.380
116.0	-19.302	-18.463	0.000	0.000	0.000	-645.698	-49.184	0.000	49.184	-4.443
117.0	-19.221	-18.217	0.000	0.000	0.000	-626.396	-50.121	0.000	50.121	-4.507
118.0	-19.139	-17.972	0.000	0.000	0.000	-607.176	-51.071	0.000	51.071	-4.570
119.0	-19.057	-17.728	0.000	0.000	0.000	-588.038	-52.034	0.000	52.034	-4.632
120.0	-18.974	-17.485	0.000	0.000	0.000	-568.982	-53.010	0.000	53.010	-4.694
121.0	-18.891	-17.244	0.000	0.000	0.000	-550.008	-53.999	0.000	53.999	-4.755
122.0	-18.808	-17.004	0.000	0.000	0.000	-531.118	-55.001	0.000	55.001	-4.815
123.0	-18.724	-16.765	0.000	0.000	0.000	-512.311	-56.015	0.000	56.015	-4.875
124.0	-18.639	-16.527	0.000	0.000	0.000	-493.588	-57.041	0.000	57.041	-4.935
125.0	-14.723	-14.121	0.000	0.000	0.000	-474.949	-58.080	0.000	58.080	-4.993
126.0	-14.658	-13.930	0.000	0.000	0.000	-460.226	-59.131	0.000	59.131	-5.051
127.0	-14.592	-13.740	0.000	0.000	0.000	-445.569	-60.194	0.000	60.194	-5.108
128.0	-14.527	-13.552	0.000	0.000	0.000	-430.977	-61.269	0.000	61.269	-5.165
129.0	-14.461	-13.364	0.000	0.000	0.000	-416.451	-62.356	0.000	62.356	-5.222
130.0	-14.394	-13.177	0.000	0.000	0.000	-401.991	-63.454	0.000	63.454	-5.278
131.0	-14.328	-12.992	0.000	0.000	0.000	-387.597	-64.564	0.000	64.564	-5.333
132.0	-11.221	-10.403	0.000	0.000	0.000	-370.554	-65.686	0.000	65.686	-5.388
132.1	-11.217	-10.379	0.000	0.000	0.000	-369.210	-65.821	0.000	65.821	-5.395
133.0	-11.153	-10.184	0.000	0.000	0.000	-359.337	-66.819	0.000	66.819	-5.442
134.0	-11.079	-9.964	0.000	0.000	0.000	-348.185	-67.963	0.000	67.963	-5.496
135.0	-11.005	-9.747	0.000	0.000	0.000	-337.106	-69.118	0.000	69.118	-5.549
135.8	-10.938	-9.562	0.000	0.000	0.000	-327.534	-70.132	0.000	70.132	-5.596
136.0	-10.936	-9.537	0.000	0.000	0.000	-326.110	-70.284	0.000	70.284	-5.603
137.0	-10.875	-9.397	0.000	0.000	0.000	-315.175	-71.465	0.000	71.465	-5.686
138.0	-10.814	-9.257	0.000	0.000	0.000	-304.300	-72.663	0.000	72.663	-5.768
139.0	-10.752	-9.118	0.000	0.000	0.000	-293.487	-73.878	0.000	73.878	-5.849
140.0	-9.187	-8.233	0.000	0.000	0.000	-278.179	-75.111	0.000	75.111	-5.930
141.0	-9.125	-8.104	0.000	0.000	0.000	-268.992	-76.359	0.000	76.359	-6.009
142.0	-9.062	-7.975	0.000	0.000	0.000	-259.868	-77.624	0.000	77.624	-6.087
143.0	-9.000	-7.848	0.000	0.000	0.000	-250.806	-78.905	0.000	78.905	-6.165
144.0	-8.937	-7.721	0.000	0.000	0.000	-241.806	-80.203	0.000	80.203	-6.243
145.0	-8.875	-7.595	0.000	0.000	0.000	-232.869	-81.516	0.000	81.516	-6.319
146.0	-8.812	-7.470	0.000	0.000	0.000	-223.994	-82.845	0.000	82.845	-6.395
147.0	-8.749	-7.346	0.000	0.000	0.000	-215.183	-84.190	0.000	84.190	-6.470
148.0	-8.686	-7.222	0.000	0.000	0.000	-206.433	-85.551	0.000	85.551	-6.545
149.0	-8.624	-7.100	0.000	0.000	0.000	-197.747	-86.927	0.000	86.927	-6.618
150.0	-8.270	-6.796	0.000	0.000	0.000	-189.124	-88.318	0.000	88.318	-6.691
151.0	-8.207	-6.677	0.000	0.000	0.000	-180.855	-89.724	0.000	89.724	-6.762
152.0	-8.143	-6.558	0.000	0.000	0.000	-172.648	-91.145	0.000	91.145	-6.833
153.0	-8.080	-6.440	0.000	0.000	0.000	-164.505	-92.580	0.000	92.580	-6.902
154.0	-8.016	-6.323	0.000	0.000	0.000	-156.426	-94.030	0.000	94.030	-6.970
155.0	-7.953	-6.207	0.000	0.000	0.000	-148.410	-95.494	0.000	95.494	-7.037
156.0	-7.889	-6.092	0.000	0.000	0.000	-140.457	-96.971	0.000	96.971	-7.102
157.0	-7.826	-5.978	0.000	0.000	0.000	-132.568	-98.462	0.000	98.462	-7.166

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)

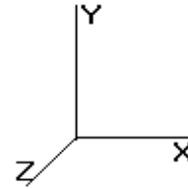
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Base Elev: 0.000 (ft)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

158.0	-7.762	-5.864	0.000	0.000	0.000	-124.743	-99.966	0.000	99.966	-7.228
159.0	-7.698	-5.752	0.000	0.000	0.000	-116.981	-101.483	0.000	101.483	-7.288
160.0	-7.634	-5.640	0.000	0.000	0.000	-109.283	-103.012	0.000	103.012	-7.347
161.0	-7.570	-5.530	0.000	0.000	0.000	-101.649	-104.553	0.000	104.553	-7.403
162.0	-7.506	-5.420	0.000	0.000	0.000	-94.079	-106.105	0.000	106.105	-7.457
163.0	-7.442	-5.312	0.000	0.000	0.000	-86.573	-107.668	0.000	107.668	-7.509
164.0	-7.378	-5.204	0.000	0.000	0.000	-79.131	-109.242	0.000	109.242	-7.558
165.0	-7.314	-5.098	0.000	0.000	0.000	-71.753	-110.826	0.000	110.826	-7.605
166.0	-4.479	-3.264	0.000	0.000	0.000	-64.439	-112.419	0.000	112.419	-7.648
167.0	-4.439	-3.200	0.000	0.000	0.000	-59.960	-114.021	0.000	114.021	-7.689
168.0	-4.399	-3.137	0.000	0.000	0.000	-55.521	-115.631	0.000	115.631	-7.729
169.0	-4.359	-3.074	0.000	0.000	0.000	-51.123	-117.249	0.000	117.249	-7.767
170.0	-4.320	-3.013	0.000	0.000	0.000	-46.763	-118.875	0.000	118.875	-7.803
171.0	-4.281	-2.952	0.000	0.000	0.000	-42.443	-120.508	0.000	120.508	-7.837
172.0	-4.242	-2.892	0.000	0.000	0.000	-38.162	-122.148	0.000	122.148	-7.870
173.0	-4.204	-2.832	0.000	0.000	0.000	-33.920	-123.795	0.000	123.795	-7.900
174.0	-4.165	-2.774	0.000	0.000	0.000	-29.717	-125.447	0.000	125.447	-7.927
175.0	-4.127	-2.716	0.000	0.000	0.000	-25.552	-127.105	0.000	127.105	-7.952
176.0	-4.089	-2.658	0.000	0.000	0.000	-21.425	-128.768	0.000	128.768	-7.974
177.0	-4.052	-2.602	0.000	0.000	0.000	-17.336	-130.435	0.000	130.435	-7.993
178.0	-4.014	-2.547	0.000	0.000	0.000	-13.284	-132.106	0.000	132.106	-8.009
179.0	-3.977	-2.492	0.000	0.000	0.000	-9.270	-133.780	0.000	133.780	-8.021
180.0	-3.590	0.000	0.000	0.000	0.000	-5.293	-135.455	0.000	135.455	-8.029

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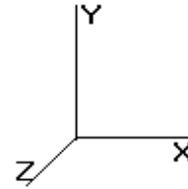
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Base Elev : 0.000 (ft)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

Gust Response Factor : 1.69
 Dead Load Factor : 1.00
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Calculated Stresses

Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.74	0.84	0.00	0.00	0.00	35.52	36.28	52.0	0.0	0.698
1.00	0.73	0.84	0.00	0.00	0.00	35.48	36.24	52.0	0.0	0.697
2.00	0.73	0.85	0.00	0.00	0.00	35.44	36.20	52.0	0.0	0.696
3.00	0.73	0.85	0.00	0.00	0.00	35.40	36.16	52.0	0.0	0.696
4.00	0.72	0.85	0.00	0.00	0.00	35.36	36.12	52.0	0.0	0.695
5.00	0.72	0.85	0.00	0.00	0.00	35.32	36.07	52.0	0.0	0.694
6.00	0.72	0.86	0.00	0.00	0.00	35.28	36.03	52.0	0.0	0.693
7.00	0.72	0.86	0.00	0.00	0.00	35.23	35.98	52.0	0.0	0.692
8.00	0.71	0.86	0.00	0.00	0.00	35.19	35.93	52.0	0.0	0.691
9.00	0.71	0.86	0.00	0.00	0.00	35.14	35.88	52.0	0.0	0.690
10.00	0.71	0.86	0.00	0.00	0.00	35.09	35.83	52.0	0.0	0.689
11.00	0.70	0.87	0.00	0.00	0.00	35.04	35.78	52.0	0.0	0.688
12.00	0.70	0.87	0.00	0.00	0.00	34.99	35.73	52.0	0.0	0.687
13.00	0.70	0.87	0.00	0.00	0.00	34.94	35.67	52.0	0.0	0.686
14.00	0.70	0.87	0.00	0.00	0.00	34.89	35.62	52.0	0.0	0.685
15.00	0.69	0.88	0.00	0.00	0.00	34.84	35.56	52.0	0.0	0.684
16.00	0.69	0.88	0.00	0.00	0.00	34.78	35.50	52.0	0.0	0.683
17.00	0.69	0.88	0.00	0.00	0.00	34.73	35.45	52.0	0.0	0.682
18.00	0.68	0.88	0.00	0.00	0.00	34.67	35.38	52.0	0.0	0.681
19.00	0.68	0.89	0.00	0.00	0.00	34.61	35.32	52.0	0.0	0.680
20.00	0.68	0.89	0.00	0.00	0.00	34.55	35.26	52.0	0.0	0.678
21.00	0.68	0.89	0.00	0.00	0.00	34.49	35.20	52.0	0.0	0.677
22.00	0.67	0.89	0.00	0.00	0.00	34.42	35.13	52.0	0.0	0.676
23.00	0.67	0.90	0.00	0.00	0.00	34.36	35.06	52.0	0.0	0.675
24.00	0.67	0.90	0.00	0.00	0.00	34.29	34.99	52.0	0.0	0.673
25.00	0.66	0.90	0.00	0.00	0.00	34.22	34.92	52.0	0.0	0.672
26.00	0.66	0.90	0.00	0.00	0.00	34.15	34.85	52.0	0.0	0.670
27.00	0.66	0.91	0.00	0.00	0.00	34.08	34.78	52.0	0.0	0.669
28.00	0.65	0.91	0.00	0.00	0.00	34.01	34.70	52.0	0.0	0.668
29.00	0.65	0.91	0.00	0.00	0.00	33.94	34.62	52.0	0.0	0.666
30.00	0.65	0.91	0.00	0.00	0.00	33.86	34.55	52.0	0.0	0.665
31.00	0.65	0.92	0.00	0.00	0.00	33.78	34.47	52.0	0.0	0.663
32.00	0.64	0.92	0.00	0.00	0.00	33.70	34.38	52.0	0.0	0.662
33.00	0.64	0.92	0.00	0.00	0.00	33.62	34.30	52.0	0.0	0.660
34.00	0.64	0.93	0.00	0.00	0.00	33.54	34.22	52.0	0.0	0.658
35.00	0.63	0.93	0.00	0.00	0.00	33.46	34.13	52.0	0.0	0.657
36.00	0.63	0.93	0.00	0.00	0.00	33.37	34.04	52.0	0.0	0.655
37.00	0.63	0.93	0.00	0.00	0.00	33.28	33.95	52.0	0.0	0.653
38.00	0.62	0.94	0.00	0.00	0.00	33.19	33.86	52.0	0.0	0.651
39.00	0.62	0.94	0.00	0.00	0.00	33.10	33.76	52.0	0.0	0.650
40.00	0.62	0.94	0.00	0.00	0.00	33.01	33.66	52.0	0.0	0.648
41.00	0.62	0.94	0.00	0.00	0.00	32.91	33.57	52.0	0.0	0.646
42.00	0.61	0.95	0.00	0.00	0.00	32.81	33.47	52.0	0.0	0.644
42.96	0.61	0.95	0.00	0.00	0.00	32.72	33.37	52.0	0.0	0.642
43.00	0.61	0.95	0.00	0.00	0.00	32.61	33.26	52.0	0.0	0.636
44.00	0.60	0.95	0.00	0.00	0.00	32.51	33.15	52.0	0.0	0.634
45.00	0.60	0.96	0.00	0.00	0.00	32.40	33.04	52.0	0.0	0.632
46.00	0.59	0.96	0.00	0.00	0.00	32.30	32.93	52.0	0.0	0.630
47.00	0.59	0.96	0.00	0.00	0.00	32.19	32.82	52.0	0.0	0.628
48.00	0.58	0.96	0.00	0.00	0.00	32.08	32.71	52.0	0.0	0.625
49.00	0.58	0.97	0.00	0.00	0.00	31.97	32.60	52.0	0.0	0.623

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)

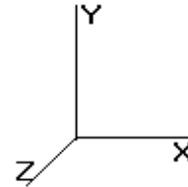
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Base Elev : 0.000 (ft)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

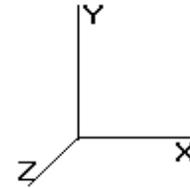
49.04	0.64	1.10	0.00	0.00	0.00	34.45	35.14	52.0	0.0	0.676
50.00	0.63	1.11	0.00	0.00	0.00	34.32	35.01	52.0	0.0	0.674
51.00	0.63	1.11	0.00	0.00	0.00	34.19	34.87	52.0	0.0	0.671
52.00	0.63	1.11	0.00	0.00	0.00	34.05	34.73	52.0	0.0	0.668
53.00	0.62	1.12	0.00	0.00	0.00	33.91	34.58	52.0	0.0	0.665
54.00	0.62	1.12	0.00	0.00	0.00	33.76	34.44	52.0	0.0	0.663
55.00	0.62	1.12	0.00	0.00	0.00	33.61	34.28	52.0	0.0	0.660
56.00	0.61	1.13	0.00	0.00	0.00	33.46	34.13	52.0	0.0	0.657
57.00	0.61	1.13	0.00	0.00	0.00	33.31	33.98	52.0	0.0	0.654
58.00	0.61	1.13	0.00	0.00	0.00	33.16	33.82	52.0	0.0	0.651
59.00	0.60	1.14	0.00	0.00	0.00	33.00	33.66	52.0	0.0	0.648
60.00	0.60	1.14	0.00	0.00	0.00	32.84	33.49	52.0	0.0	0.644
61.00	0.60	1.14	0.00	0.00	0.00	32.67	33.33	52.0	0.0	0.641
62.00	0.59	1.15	0.00	0.00	0.00	32.51	33.16	52.0	0.0	0.638
63.00	0.59	1.15	0.00	0.00	0.00	32.34	32.98	52.0	0.0	0.635
64.00	0.58	1.15	0.00	0.00	0.00	32.16	32.81	52.0	0.0	0.631
65.00	0.58	1.16	0.00	0.00	0.00	31.99	32.63	52.0	0.0	0.628
66.00	0.58	1.16	0.00	0.00	0.00	31.81	32.45	52.0	0.0	0.624
67.00	0.57	1.16	0.00	0.00	0.00	31.63	32.26	52.0	0.0	0.621
68.00	0.57	1.17	0.00	0.00	0.00	31.44	32.08	52.0	0.0	0.617
69.00	0.57	1.17	0.00	0.00	0.00	31.25	31.88	52.0	0.0	0.613
70.00	0.56	1.17	0.00	0.00	0.00	31.06	31.69	52.0	0.0	0.610
71.00	0.56	1.18	0.00	0.00	0.00	30.87	31.49	52.0	0.0	0.606
72.00	0.56	1.18	0.00	0.00	0.00	30.67	31.29	52.0	0.0	0.602
73.00	0.55	1.18	0.00	0.00	0.00	30.47	31.09	52.0	0.0	0.598
74.00	0.55	1.19	0.00	0.00	0.00	30.26	30.88	52.0	0.0	0.594
75.00	0.55	1.19	0.00	0.00	0.00	30.05	30.67	52.0	0.0	0.590
76.00	0.54	1.19	0.00	0.00	0.00	29.84	30.45	52.0	0.0	0.586
77.00	0.54	1.20	0.00	0.00	0.00	29.62	30.23	52.0	0.0	0.582
78.00	0.53	1.20	0.00	0.00	0.00	29.40	30.01	52.0	0.0	0.577
79.00	0.53	1.20	0.00	0.00	0.00	29.18	29.78	52.0	0.0	0.573
80.00	0.53	1.21	0.00	0.00	0.00	28.95	29.55	52.0	0.0	0.569
81.00	0.52	1.21	0.00	0.00	0.00	28.72	29.32	52.0	0.0	0.564
82.00	0.52	1.21	0.00	0.00	0.00	28.48	29.08	52.0	0.0	0.559
83.00	0.52	1.22	0.00	0.00	0.00	28.24	28.84	52.0	0.0	0.555
84.00	0.51	1.22	0.00	0.00	0.00	28.00	28.59	52.0	0.0	0.550
85.00	0.51	1.22	0.00	0.00	0.00	27.75	28.34	52.0	0.0	0.545
86.00	0.51	1.23	0.00	0.00	0.00	27.50	28.08	52.0	0.0	0.540
87.00	0.50	1.23	0.00	0.00	0.00	27.24	27.83	52.0	0.0	0.535
87.54	0.50	1.23	0.00	0.00	0.00	27.10	27.68	52.0	0.0	0.533
88.00	0.50	1.24	0.00	0.00	0.00	26.64	27.22	52.0	0.0	0.524
89.00	0.49	1.24	0.00	0.00	0.00	26.38	26.95	52.0	0.0	0.519
90.00	0.49	1.24	0.00	0.00	0.00	26.11	26.68	52.0	0.0	0.513
91.00	0.48	1.25	0.00	0.00	0.00	25.83	26.40	52.0	0.0	0.508
92.00	0.47	1.25	0.00	0.00	0.00	25.55	26.11	52.0	0.0	0.502
92.46	0.52	1.47	0.00	0.00	0.00	27.67	28.31	52.0	0.0	0.545
93.00	0.52	1.47	0.00	0.00	0.00	27.50	28.14	52.0	0.0	0.541
94.00	0.52	1.48	0.00	0.00	0.00	27.18	27.81	52.0	0.0	0.535
95.00	0.51	1.47	0.00	0.00	0.00	26.85	27.47	52.0	0.0	0.529
96.00	0.50	1.47	0.00	0.00	0.00	26.52	27.14	52.0	0.0	0.522
97.00	0.50	1.48	0.00	0.00	0.00	26.18	26.80	52.0	0.0	0.516
98.00	0.50	1.48	0.00	0.00	0.00	25.84	26.46	52.0	0.0	0.509
99.00	0.49	1.49	0.00	0.00	0.00	25.50	26.12	52.0	0.0	0.502
100.00	0.49	1.49	0.00	0.00	0.00	25.15	25.76	52.0	0.0	0.496
101.00	0.48	1.49	0.00	0.00	0.00	24.79	25.40	52.0	0.0	0.489
102.00	0.48	1.50	0.00	0.00	0.00	24.43	25.04	52.0	0.0	0.482
103.00	0.47	1.50	0.00	0.00	0.00	24.06	24.67	52.0	0.0	0.475

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

104.00	0.47	1.51	0.00	0.00	0.00	23.68	24.29	52.0	0.0	0.467
104.00	0.77	1.51	0.00	0.00	0.00	46.46	47.30	52.0	0.0	0.910
105.00	0.76	1.49	0.00	0.00	0.00	45.94	46.77	52.0	0.0	0.900
106.00	0.76	1.49	0.00	0.00	0.00	45.42	46.25	52.0	0.0	0.890
107.00	0.76	1.50	0.00	0.00	0.00	44.88	45.71	52.0	0.0	0.879
108.00	0.75	1.50	0.00	0.00	0.00	44.33	45.16	52.0	0.0	0.869
109.00	0.75	1.51	0.00	0.00	0.00	43.76	44.59	52.0	0.0	0.858
110.00	0.75	1.52	0.00	0.00	0.00	43.18	44.00	52.0	0.0	0.847
111.00	0.74	1.52	0.00	0.00	0.00	42.57	43.40	52.0	0.0	0.835
112.00	0.74	1.53	0.00	0.00	0.00	41.95	42.77	52.0	0.0	0.823
113.00	0.74	1.53	0.00	0.00	0.00	41.30	42.13	52.0	0.0	0.810
114.00	0.73	1.54	0.00	0.00	0.00	40.64	41.46	52.0	0.0	0.798
114.50	0.66	1.38	0.00	0.00	0.00	40.30	41.03	52.0	0.0	0.789
115.00	0.66	1.38	0.00	0.00	0.00	40.03	40.76	52.0	0.0	0.784
116.00	0.66	1.38	0.00	0.00	0.00	39.47	40.20	52.0	0.0	0.773
117.00	0.65	1.39	0.00	0.00	0.00	38.89	39.62	52.0	0.0	0.762
118.00	0.65	1.39	0.00	0.00	0.00	38.30	39.02	52.0	0.0	0.751
119.00	0.65	1.40	0.00	0.00	0.00	37.68	38.41	52.0	0.0	0.739
120.00	0.64	1.40	0.00	0.00	0.00	37.05	37.77	52.0	0.0	0.727
121.00	0.64	1.41	0.00	0.00	0.00	36.40	37.12	52.0	0.0	0.714
122.00	0.63	1.41	0.00	0.00	0.00	35.72	36.44	52.0	0.0	0.701
123.00	0.63	1.42	0.00	0.00	0.00	35.03	35.74	52.0	0.0	0.688
124.00	0.63	1.42	0.00	0.00	0.00	34.31	35.02	52.0	0.0	0.674
125.00	0.54	1.13	0.00	0.00	0.00	33.57	34.17	52.0	0.0	0.657
126.00	0.54	1.14	0.00	0.00	0.00	33.08	33.68	52.0	0.0	0.648
127.00	0.53	1.14	0.00	0.00	0.00	32.57	33.17	52.0	0.0	0.638
128.00	0.53	1.15	0.00	0.00	0.00	32.05	32.64	52.0	0.0	0.628
129.00	0.53	1.15	0.00	0.00	0.00	31.51	32.10	52.0	0.0	0.618
130.00	0.53	1.16	0.00	0.00	0.00	30.95	31.54	52.0	0.0	0.607
131.00	0.52	1.16	0.00	0.00	0.00	30.37	30.96	52.0	0.0	0.596
132.00	0.42	0.92	0.00	0.00	0.00	29.55	30.02	52.0	0.0	0.577
132.12	0.42	0.92	0.00	0.00	0.00	29.51	29.97	52.0	0.0	0.577
133.00	0.42	0.92	0.00	0.00	0.00	29.17	29.63	52.0	0.0	0.570
134.00	0.41	0.92	0.00	0.00	0.00	28.78	29.24	52.0	0.0	0.563
135.00	0.41	0.92	0.00	0.00	0.00	28.38	28.83	52.0	0.0	0.555
135.87	0.66	1.51	0.00	0.00	0.00	44.57	45.30	52.0	0.0	0.872
136.00	0.65	1.51	0.00	0.00	0.00	44.48	45.21	52.0	0.0	0.870
137.00	0.65	1.52	0.00	0.00	0.00	43.77	44.50	52.0	0.0	0.856
138.00	0.65	1.52	0.00	0.00	0.00	43.04	43.77	52.0	0.0	0.842
139.00	0.64	1.53	0.00	0.00	0.00	42.28	43.01	52.0	0.0	0.827
140.00	0.59	1.32	0.00	0.00	0.00	40.83	41.48	52.0	0.0	0.798
141.00	0.58	1.32	0.00	0.00	0.00	40.23	40.87	52.0	0.0	0.786
142.00	0.58	1.33	0.00	0.00	0.00	39.61	40.25	52.0	0.0	0.774
143.00	0.58	1.33	0.00	0.00	0.00	38.96	39.60	52.0	0.0	0.762
144.00	0.57	1.33	0.00	0.00	0.00	38.30	38.94	52.0	0.0	0.749
145.00	0.57	1.34	0.00	0.00	0.00	37.61	38.24	52.0	0.0	0.736
146.00	0.56	1.34	0.00	0.00	0.00	36.89	37.53	52.0	0.0	0.722
147.00	0.56	1.34	0.00	0.00	0.00	36.15	36.79	52.0	0.0	0.708
148.00	0.56	1.35	0.00	0.00	0.00	35.39	36.02	52.0	0.0	0.693
149.00	0.55	1.35	0.00	0.00	0.00	34.59	35.22	52.0	0.0	0.678
150.00	0.53	1.31	0.00	0.00	0.00	33.77	34.38	52.0	0.0	0.661
151.00	0.53	1.31	0.00	0.00	0.00	32.97	33.58	52.0	0.0	0.646
152.00	0.53	1.32	0.00	0.00	0.00	32.14	32.74	52.0	0.0	0.630
153.00	0.52	1.32	0.00	0.00	0.00	31.28	31.88	52.0	0.0	0.613
154.00	0.52	1.32	0.00	0.00	0.00	30.38	30.99	52.0	0.0	0.596
155.00	0.51	1.33	0.00	0.00	0.00	29.46	30.06	52.0	0.0	0.578
156.00	0.51	1.33	0.00	0.00	0.00	28.49	29.09	52.0	0.0	0.560

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)

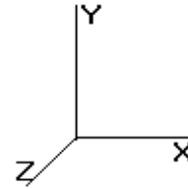
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Base Elev: 0.000 (ft)

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Load Case: Ice

69.28 mph Wind with Ice

34 Iterations

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

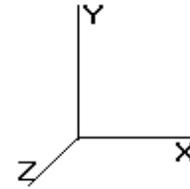
157.00	0.51	1.33	0.00	0.00	0.00	27.49	28.09	52.0	0.0	0.541
158.00	0.50	1.34	0.00	0.00	0.00	26.45	27.06	52.0	0.0	0.521
159.00	0.50	1.34	0.00	0.00	0.00	25.38	25.98	52.0	0.0	0.500
160.00	0.49	1.35	0.00	0.00	0.00	24.25	24.86	52.0	0.0	0.478
161.00	0.49	1.35	0.00	0.00	0.00	23.09	23.69	52.0	0.0	0.456
162.00	0.49	1.35	0.00	0.00	0.00	21.87	22.48	52.0	0.0	0.433
163.00	0.48	1.36	0.00	0.00	0.00	20.61	21.22	52.0	0.0	0.408
164.00	0.48	1.36	0.00	0.00	0.00	19.29	19.91	52.0	0.0	0.383
165.00	0.47	1.37	0.00	0.00	0.00	17.92	18.55	52.0	0.0	0.357
166.00	0.31	0.85	0.00	0.00	0.00	16.50	16.87	52.0	0.0	0.324
167.00	0.30	0.85	0.00	0.00	0.00	15.73	16.11	52.0	0.0	0.310
168.00	0.30	0.85	0.00	0.00	0.00	14.94	15.31	52.0	0.0	0.295
169.00	0.30	0.86	0.00	0.00	0.00	14.11	14.49	52.0	0.0	0.279
170.00	0.30	0.86	0.00	0.00	0.00	13.25	13.62	52.0	0.0	0.262
171.00	0.30	0.86	0.00	0.00	0.00	12.34	12.72	52.0	0.0	0.245
172.00	0.29	0.87	0.00	0.00	0.00	11.39	11.78	52.0	0.0	0.227
173.00	0.29	0.87	0.00	0.00	0.00	10.40	10.80	52.0	0.0	0.208
174.00	0.29	0.87	0.00	0.00	0.00	9.36	9.77	52.0	0.0	0.188
175.00	0.29	0.88	0.00	0.00	0.00	8.28	8.70	52.0	0.0	0.167
176.00	0.28	0.88	0.00	0.00	0.00	7.14	7.58	52.0	0.0	0.146
177.00	0.28	0.89	0.00	0.00	0.00	5.94	6.41	52.0	0.0	0.123
178.00	0.28	0.89	0.00	0.00	0.00	4.68	5.20	52.0	0.0	0.100
179.00	0.28	0.90	0.00	0.00	0.00	3.37	3.96	52.0	0.0	0.076
180.00	0.00	0.82	0.00	0.00	0.00	1.98	2.44	52.0	0.0	0.047

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
 Top Dia : 15.00 (in)
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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	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Shaft Segment Forces

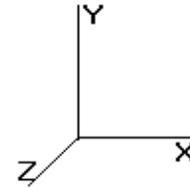
Seg Top														
Elev (ft)	Description	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)	
0.00		0.00	1.00	6.400	10.81	219.79	0.650	0.000	0.00	0.000	0.00	0.0	0.0	
1.00		0.00	1.00	6.400	10.81	218.87	0.650	0.000	1.00	4.387	2.85	30.8	0.0	313.5
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	312.4
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	311.4
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	310.3
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	309.3
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	308.3
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	307.2
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	306.2
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	305.2
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	304.1
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	303.1
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	302.1
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	301.0
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	300.0
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	298.9
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	297.9
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	296.9
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	295.8
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	294.8
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	293.8
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	292.7
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	291.7
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	290.6
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	289.6
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	288.6
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	287.5
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	286.5
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	285.5
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	284.4
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	283.4
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	282.4
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	281.3
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	280.3
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	279.2
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	278.2
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	277.2
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	276.1
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	275.1
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	274.1
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	273.0
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	272.0
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	270.9
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	258.2
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	19.4
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	445.4
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	443.4
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	441.5
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	439.6
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	437.7
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	435.7

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** **33 Iterations**

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

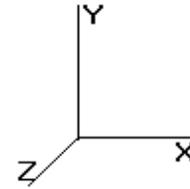
49.04	Top - Section 1	0.00	1.12	7.167	12.11	185.13	0.650	0.000	0.04	0.142	0.09	1.1	0.0	17.3
50.00		0.00	1.12	7.207	12.17	188.03	0.650	0.000	0.96	3.411	2.22	27.0	0.0	228.5
51.00		0.00	1.13	7.248	12.24	187.59	0.650	0.000	1.00	3.535	2.30	28.1	0.0	237.1
52.00		0.00	1.13	7.288	12.31	187.14	0.650	0.000	1.00	3.517	2.29	28.2	0.0	236.2
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	235.3
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	234.4
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	233.5
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	232.6
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	231.7
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	230.9
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	230.0
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	229.1
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	228.2
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	227.3
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	226.4
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	225.5
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	224.6
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	223.7
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	222.9
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	222.0
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	221.1
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	220.2
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	219.3
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	218.4
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	217.5
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	216.6
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	215.7
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	214.9
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	214.0
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	213.1
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	212.2
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	211.3
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	210.4
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	209.5
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	208.6
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	207.7
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	206.9
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	206.0
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	205.1
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	110.4
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	147.5
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	319.4
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	317.7
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	316.1
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	314.5
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	143.0
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	97.7
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	179.2
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	178.4
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	177.7
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	176.9
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	176.2
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	175.5
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	174.7
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	174.0
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	173.2
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	172.5

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)

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Load Case: Twist/Sway **50.00 mph Wind with No Ice** **33 Iterations**

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

104.0	Reinf. Top	0.00	1.38	8.884	15.01	153.67	0.650	0.000	1.00	2.618	1.70	25.5	0.0	171.8
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		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)

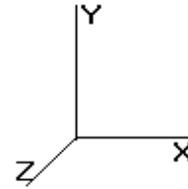
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Base Elev: 0.000 (ft)

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Load Case: Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

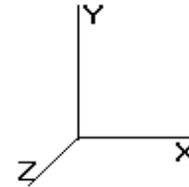
158.0		0.00	1.56	10.012	16.92	103.33	0.650	0.000	1.00	1.661	1.08	18.3	0.0	40.0
159.0		0.00	1.56	10.030	16.95	102.27	0.650	0.000	1.00	1.643	1.07	18.1	0.0	39.5
160.0		0.00	1.57	10.048	16.98	101.22	0.650	0.000	1.00	1.625	1.06	17.9	0.0	39.1
161.0		0.00	1.57	10.066	17.01	100.16	0.650	0.000	1.00	1.607	1.04	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		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	32,218.2

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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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	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Discrete Appurtenance Segment Forces

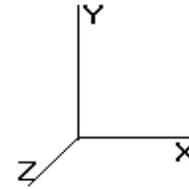
Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
30.00	GPS	1	6.400	10.816	1.00	1.00	0.000	0.000	10.82	0.00	0.00	10.00
78.00	PCTEL GPS-TMG-HR-	1	8.183	13.829	1.00	0.09	0.000	0.000	1.24	0.00	0.00	0.60
95.00	Flat Side Arm	1	8.657	14.631	1.00	6.30	0.000	0.000	92.17	0.00	0.00	150.00
95.00	Bird 429-83H-01-T	1	8.657	14.631	0.50	0.52	0.000	0.000	7.68	0.00	0.00	20.00
95.00	Andrew DB586	1	8.709	14.718	1.00	0.74	0.000	2.000	10.89	0.00	21.78	8.30
95.00	Andrew DB586	1	8.605	14.542	1.00	0.74	0.000	-2.000	10.76	0.00	-21.52	8.30
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	0.92	41.18	0.000	0.000	635.50	0.00	0.00	168.00
114.5	Round Low Profile PI	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 LPA-80080/6CF	4	9.363	15.824	0.75	27.30	0.000	0.000	432.00	0.00	0.00	84.00
125.0	Round Low Profile PI	1	9.363	15.824	1.00	21.70	0.000	0.000	343.38	0.00	0.00	1,500.00
125.0	Antel BXA-70063/6CF-	2	9.363	15.824	0.77	11.90	0.000	0.000	188.37	0.00	0.00	34.00
125.0	Antel BXA-171085-12B	2	9.363	15.824	0.88	8.32	0.000	0.000	131.73	0.00	0.00	30.00
125.0	AntelBXA-171063-	1	9.363	15.824	0.88	4.16	0.000	0.000	65.87	0.00	0.00	15.00
125.0	RFS FD9R6004/2C-3L	6	9.363	15.824	0.50	1.08	0.000	0.000	17.09	0.00	0.00	18.60
125.0	Antel BXA-70040/6CF	1	9.363	15.824	0.70	11.42	0.000	0.000	180.67	0.00	0.00	37.50
125.0	Antel LPA-80063/6CF	2	9.363	15.824	0.95	19.65	0.000	0.000	310.88	0.00	0.00	54.00
132.0	Alcatel-Lucent 1900M	3	9.510	16.073	0.67	7.64	0.000	0.000	122.76	0.00	0.00	132.00
132.0	Alcatel-Lucent 800 M	3	9.510	16.073	0.67	5.85	0.000	0.000	94.01	0.00	0.00	185.40
132.0	Andrew DB980H90E-M	6	9.551	16.142	0.79	18.49	0.000	2.000	298.40	0.00	596.79	51.00
132.0	RFS APXVSPP18-C-	3	9.551	16.142	0.83	20.57	0.000	2.000	331.99	0.00	663.99	171.00
132.0	Flat Low Profile Pla	1	9.510	16.073	1.00	26.10	0.000	0.000	419.49	0.00	0.00	1,500.00
140.0	Round Side Arm	3	9.672	16.345	1.00	15.60	0.000	0.000	254.98	0.00	0.00	450.00
140.0	Telewave ANT150D	1	9.711	16.411	1.00	1.09	0.000	2.000	17.89	0.00	35.78	5.00
140.0	Sinclair SC432D-HF6L	1	9.807	16.574	1.00	5.03	0.000	7.000	83.37	0.00	583.59	34.00
140.0	Decibel DB809K-XT	3	9.788	16.542	1.00	10.98	0.000	6.000	181.63	0.00	1,089.80	90.00
140.0	Bird 432-83H-01-T	2	9.672	16.345	0.50	1.63	0.000	0.000	26.64	0.00	0.00	50.00
150.0	Round Side Arm	1	9.864	16.670	0.67	3.48	0.000	0.000	58.08	0.00	0.00	150.00
150.0	Sinclair SD210C2-SF2	1	9.864	16.670	1.00	1.37	0.000	0.000	22.84	0.00	0.00	8.30
166.0	Round Sector Frame	3	10.154	17.160	0.67	28.94	0.000	0.000	496.68	0.00	0.00	900.00
166.0	Ericsson AIR 21, 1,3	3	10.154	17.160	0.85	16.78	0.000	0.000	287.93	0.00	0.00	244.50
166.0	Ericsson AIR 21, 1,3	3	10.154	17.160	0.86	16.85	0.000	0.000	289.10	0.00	0.00	249.00
166.0	Ericsson KRY 112 144	3	10.154	17.160	0.50	0.62	0.000	0.000	10.55	0.00	0.00	33.00
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	Powerwave LGP21401	6	10.392	17.562	0.50	3.87	0.000	0.000	67.96	0.00	0.00	84.60
180.0	Powerwave 7770.00	6	10.392	17.562	0.77	27.17	0.000	0.000	477.08	0.00	0.00	210.00
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	Andrew ABT-DMDF-	1	10.457	17.672	0.50	0.03	0.000	4.000	0.44	0.00	1.77	1.10
180.0	KMW AM-X-CD-16-65-	3	10.457	17.672	0.79	19.58	0.000	4.000	345.96	0.00	1,383.84	145.50
180.0	10' Omni	1	10.457	17.672	1.00	3.00	0.000	4.000	53.02	0.00	212.07	25.00
									7,571.99			10,236.90

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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 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	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces

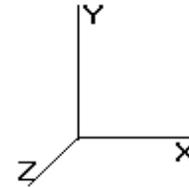
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Weight (lb/ft)	CaAa (sf/ft)	qz (psf)	FX (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
1.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
1.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
1.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
1.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
2.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
2.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
2.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
2.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
3.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
3.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
3.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
3.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
4.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
4.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
4.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
4.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
5.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
5.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
5.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
5.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
6.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
6.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
6.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
6.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
7.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
7.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
7.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
7.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
8.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	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 33 Iterations

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

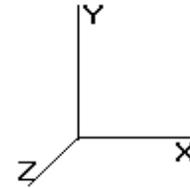
8.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
8.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
8.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
8.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
8.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
9.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
9.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
9.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
9.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
10.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
10.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
10.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
10.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
11.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
11.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
11.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
11.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
12.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
12.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
12.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
12.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
13.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
13.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
13.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
13.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
14.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
14.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
14.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
14.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
15.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
15.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
15.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
15.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
16.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
16.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90

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** **33 Iterations**

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

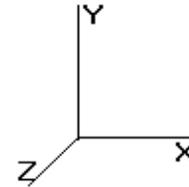
16.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
16.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
16.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
16.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
17.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
17.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
17.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
17.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
18.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
18.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
18.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
18.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
19.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
19.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
19.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
19.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
20.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
20.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
20.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
20.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
21.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
21.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
21.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
21.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
22.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
22.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
22.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
22.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
23.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
23.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
23.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
23.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
24.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
24.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
24.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	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)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations

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

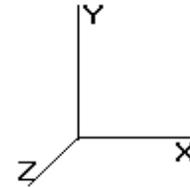
24.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
24.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
24.00	(1) 7/8" Coax	Yes	1.00	0.33	0.00	6.400	0.00	0.33
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
25.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
25.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
25.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
25.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
26.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
26.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
26.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
26.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
27.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
27.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
27.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
27.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
28.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
28.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
28.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
28.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
29.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
29.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
29.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
29.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
30.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
30.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
30.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
30.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
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	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
31.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
31.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
31.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
31.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
31.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
32.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
32.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
32.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
32.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
32.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
32.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	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	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

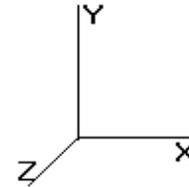
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.400	0.00	1.00
33.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.400	3.24	14.76
33.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.400	3.24	8.90
33.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.400	0.00	7.56
33.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.400	6.49	0.00
33.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.400	0.00	4.92
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.455	0.00	1.00
34.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.455	3.27	14.76
34.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.455	3.27	8.90
34.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.455	0.00	7.56
34.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.455	6.55	0.00
34.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.455	0.00	4.92
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.509	0.00	1.00
35.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.509	3.30	14.76
35.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.509	3.30	8.90
35.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.509	0.00	7.56
35.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.509	6.60	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.509	0.00	4.92
36.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.561	0.00	1.00
36.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.561	3.33	14.76
36.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.561	3.33	8.90
36.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.561	0.00	7.56
36.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.561	6.65	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.561	0.00	4.92
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.613	0.00	1.00
37.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.613	3.35	14.76
37.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.613	3.35	8.90
37.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.613	0.00	7.56
37.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.613	6.71	0.00
37.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.613	0.00	4.92
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.663	0.00	1.00
38.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.663	3.38	14.76
38.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.663	3.38	8.90
38.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.663	0.00	7.56
38.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.663	6.76	0.00
38.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.663	0.00	4.92
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.713	0.00	1.00
39.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.713	3.40	14.76
39.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.713	3.40	8.90
39.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.713	0.00	7.56
39.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.713	6.81	0.00
39.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.713	0.00	4.92
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.762	0.00	1.00
40.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.762	3.43	14.76
40.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.762	3.43	8.90
40.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.762	0.00	7.56
40.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.762	6.86	0.00
40.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.762	0.00	4.92
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.809	0.00	1.00
41.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.809	3.45	14.76
41.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.809	3.45	8.90
41.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.809	0.00	7.56
41.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.809	6.90	0.00
41.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.809	0.00	4.92
42.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.857	0.00	1.00
42.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.857	3.48	14.76
42.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.857	3.48	8.90

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 33 Iterations

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

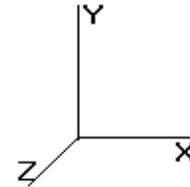
42.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.857	0.00	7.56
42.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.857	6.95	0.00
42.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.857	0.00	4.92
42.96	(1) 1 1/4" Hybriflex	Yes	0.96	1.00	0.00	6.901	0.00	0.96
42.96	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	6.901	3.35	14.12
42.96	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	6.901	3.35	8.51
42.96	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	6.901	0.00	7.23
42.96	(1) Reinforcement	Yes	0.96	0.00	0.60	6.901	6.69	0.00
42.96	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	6.901	0.00	4.71
43.00	(1) 1 1/4" Hybriflex	Yes	0.04	1.00	0.00	6.903	0.00	0.04
43.00	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	6.903	0.15	0.64
43.00	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	6.903	0.15	0.39
43.00	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	6.903	0.00	0.33
43.00	(1) Reinforcement	Yes	0.04	0.00	0.60	6.903	0.30	0.00
43.00	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	6.903	0.00	0.21
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.948	0.00	1.00
44.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.948	3.52	14.76
44.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.948	3.52	8.90
44.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.948	0.00	7.56
44.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.948	7.05	0.00
44.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.948	0.00	4.92
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	6.993	0.00	1.00
45.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	6.993	3.55	14.76
45.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	6.993	3.55	8.90
45.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	6.993	0.00	7.56
45.00	(1) Reinforcement	Yes	1.00	0.00	0.60	6.993	7.09	0.00
45.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	6.993	0.00	4.92
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.037	0.00	1.00
46.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.037	3.57	14.76
46.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.037	3.57	8.90
46.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.037	0.00	7.56
46.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.037	7.14	0.00
46.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.037	0.00	4.92
47.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.080	0.00	1.00
47.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.080	3.59	14.76
47.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.080	3.59	8.90
47.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.080	0.00	7.56
47.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.080	7.18	0.00
47.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.080	0.00	4.92
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.123	0.00	1.00
48.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.123	3.61	14.76
48.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.123	3.61	8.90
48.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.123	0.00	7.56
48.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.123	7.22	0.00
48.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.123	0.00	4.92
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.165	0.00	1.00
49.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.165	3.63	14.76
49.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.165	3.63	8.90
49.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.165	0.00	7.56
49.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.165	7.27	0.00
49.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.165	0.00	4.92
49.04	(1) 1 1/4" Hybriflex	Yes	0.04	1.00	0.00	7.167	0.00	0.04
49.04	(12) 1 5/8" Coax	Yes	0.04	14.76	0.30	7.167	0.14	0.59
49.04	(12) 1 5/8" Coax	Yes	0.04	8.90	0.30	7.167	0.14	0.36
49.04	(12) 1 1/4" Coax	Yes	0.04	7.56	0.00	7.167	0.00	0.30
49.04	(1) Reinforcement	Yes	0.04	0.00	0.60	7.167	0.29	0.00
49.04	(6) 1 5/8" Coax	Yes	0.04	4.92	0.00	7.167	0.00	0.20

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** **33 Iterations**

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

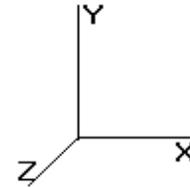
50.00	(1) 1 1/4" Hybriflex	Yes	0.96	1.00	0.00	7.207	0.00	0.96
50.00	(12) 1 5/8" Coax	Yes	0.96	14.76	0.30	7.207	3.51	14.17
50.00	(12) 1 5/8" Coax	Yes	0.96	8.90	0.30	7.207	3.51	8.54
50.00	(12) 1 1/4" Coax	Yes	0.96	7.56	0.00	7.207	0.00	7.26
50.00	(1) Reinforcement	Yes	0.96	0.00	0.60	7.207	7.02	0.00
50.00	(6) 1 5/8" Coax	Yes	0.96	4.92	0.00	7.207	0.00	4.72
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.248	0.00	1.00
51.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.248	3.67	14.76
51.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.248	3.67	8.90
51.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.248	0.00	7.56
51.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.248	7.35	0.00
51.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.248	0.00	4.92
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.288	0.00	1.00
52.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.288	3.69	14.76
52.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.288	3.69	8.90
52.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.288	0.00	7.56
52.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.288	7.39	0.00
52.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.288	0.00	4.92
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.328	0.00	1.00
53.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.328	3.72	14.76
53.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.328	3.72	8.90
53.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.328	0.00	7.56
53.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.328	7.43	0.00
53.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.328	0.00	4.92
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.367	0.00	1.00
54.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.367	3.74	14.76
54.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.367	3.74	8.90
54.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.367	0.00	7.56
54.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.367	7.47	0.00
54.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.367	0.00	4.92
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.406	0.00	1.00
55.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.406	3.75	14.76
55.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.406	3.75	8.90
55.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.406	0.00	7.56
55.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.406	7.51	0.00
55.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.406	0.00	4.92
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.444	0.00	1.00
56.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.444	3.77	14.76
56.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.444	3.77	8.90
56.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.444	0.00	7.56
56.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.444	7.55	0.00
56.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.444	0.00	4.92
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.482	0.00	1.00
57.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.482	3.79	14.76
57.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.482	3.79	8.90
57.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.482	0.00	7.56
57.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.482	7.59	0.00
57.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.482	0.00	4.92
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.519	0.00	1.00
58.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.519	3.81	14.76
58.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.519	3.81	8.90
58.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.519	0.00	7.56
58.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.519	7.62	0.00
58.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.519	0.00	4.92
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.556	0.00	1.00
59.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.556	3.83	14.76
59.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.556	3.83	8.90

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 33 Iterations

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

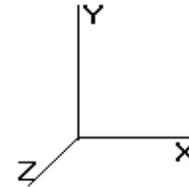
59.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.556	0.00	7.56
59.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.556	7.66	0.00
59.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.556	0.00	4.92
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.592	0.00	1.00
60.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.592	3.85	14.76
60.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.592	3.85	8.90
60.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.592	0.00	7.56
60.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.592	7.70	0.00
60.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.592	0.00	4.92
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.628	0.00	1.00
61.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.628	3.87	14.76
61.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.628	3.87	8.90
61.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.628	0.00	7.56
61.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.628	7.73	0.00
61.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.628	0.00	4.92
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.664	0.00	1.00
62.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.664	3.89	14.76
62.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.664	3.89	8.90
62.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.664	0.00	7.56
62.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.664	7.77	0.00
62.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.664	0.00	4.92
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.699	0.00	1.00
63.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.699	3.90	14.76
63.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.699	3.90	8.90
63.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.699	0.00	7.56
63.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.699	7.81	0.00
63.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.699	0.00	4.92
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.733	0.00	1.00
64.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.733	3.92	14.76
64.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.733	3.92	8.90
64.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.733	0.00	7.56
64.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.733	7.84	0.00
64.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.733	0.00	4.92
65.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.768	0.00	1.00
65.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.768	3.94	14.76
65.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.768	3.94	8.90
65.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.768	0.00	7.56
65.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.768	7.88	0.00
65.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.768	0.00	4.92
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.802	0.00	1.00
66.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.802	3.96	14.76
66.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.802	3.96	8.90
66.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.802	0.00	7.56
66.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.802	7.91	0.00
66.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.802	0.00	4.92
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.835	0.00	1.00
67.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.835	3.97	14.76
67.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.835	3.97	8.90
67.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.835	0.00	7.56
67.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.835	7.94	0.00
67.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.835	0.00	4.92
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.869	0.00	1.00
68.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.869	3.99	14.76
68.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.869	3.99	8.90
68.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.869	0.00	7.56
68.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.869	7.98	0.00
68.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.869	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 33 Iterations

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

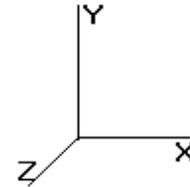
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.901	0.00	1.00
69.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.901	4.01	14.76
69.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.901	4.01	8.90
69.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.901	0.00	7.56
69.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.901	8.01	0.00
69.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.901	0.00	4.92
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.934	0.00	1.00
70.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.934	4.02	14.76
70.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.934	4.02	8.90
70.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.934	0.00	7.56
70.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.934	8.05	0.00
70.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.934	0.00	4.92
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.966	0.00	1.00
71.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.966	4.04	14.76
71.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.966	4.04	8.90
71.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.966	0.00	7.56
71.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.966	8.08	0.00
71.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.966	0.00	4.92
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	7.998	0.00	1.00
72.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	7.998	4.06	14.76
72.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	7.998	4.06	8.90
72.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	7.998	0.00	7.56
72.00	(1) Reinforcement	Yes	1.00	0.00	0.60	7.998	8.11	0.00
72.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	7.998	0.00	4.92
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.030	0.00	1.00
73.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.030	4.07	14.76
73.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.030	4.07	8.90
73.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.030	0.00	7.56
73.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.030	8.14	0.00
73.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.030	0.00	4.92
74.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.061	0.00	1.00
74.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.061	4.09	14.76
74.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.061	4.09	8.90
74.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.061	0.00	7.56
74.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.061	8.17	0.00
74.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.061	0.00	4.92
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.092	0.00	1.00
75.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.092	4.10	14.76
75.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.092	4.10	8.90
75.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.092	0.00	7.56
75.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.092	8.21	0.00
75.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.092	0.00	4.92
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.123	0.00	1.00
76.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.123	4.12	14.76
76.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.123	4.12	8.90
76.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.123	0.00	7.56
76.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.123	8.24	0.00
76.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.123	0.00	4.92
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.153	0.00	1.00
77.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.153	4.13	14.76
77.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.153	4.13	8.90
77.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.153	0.00	7.56
77.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.153	8.27	0.00
77.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.153	0.00	4.92
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.183	0.00	1.00
78.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.183	4.15	14.76
78.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.183	4.15	8.90

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** **33 Iterations**

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

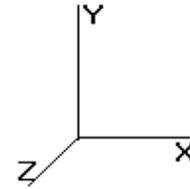
78.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.183	0.00	7.56
78.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.183	8.30	0.00
78.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.183	0.00	4.92
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.213	0.00	1.00
79.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.213	4.16	14.76
79.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.213	4.16	8.90
79.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.213	0.00	7.56
79.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.213	8.33	0.00
79.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.213	0.00	4.92
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.242	0.00	1.00
80.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.242	4.18	14.76
80.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.242	4.18	8.90
80.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.242	0.00	7.56
80.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.242	8.36	0.00
80.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.242	0.00	4.92
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.272	0.00	1.00
81.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.272	4.19	14.76
81.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.272	4.19	8.90
81.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.272	0.00	7.56
81.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.272	8.39	0.00
81.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.272	0.00	4.92
82.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.301	0.00	1.00
82.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.301	4.21	14.76
82.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.301	4.21	8.90
82.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.301	0.00	7.56
82.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.301	8.42	0.00
82.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.301	0.00	4.92
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.330	0.00	1.00
83.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.330	4.22	14.76
83.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.330	4.22	8.90
83.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.330	0.00	7.56
83.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.330	8.45	0.00
83.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.330	0.00	4.92
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.358	0.00	1.00
84.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.358	4.24	14.76
84.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.358	4.24	8.90
84.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.358	0.00	7.56
84.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.358	8.48	0.00
84.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.358	0.00	4.92
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.387	0.00	1.00
85.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.387	4.25	14.76
85.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.387	4.25	8.90
85.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.387	0.00	7.56
85.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.387	8.50	0.00
85.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.387	0.00	4.92
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.415	0.00	1.00
86.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.415	4.27	14.76
86.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.415	4.27	8.90
86.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.415	0.00	7.56
86.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.415	8.53	0.00
86.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.415	0.00	4.92
87.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.442	0.00	1.00
87.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.442	4.28	14.76
87.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.442	4.28	8.90
87.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.442	0.00	7.56
87.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.442	8.56	0.00
87.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.442	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** **33 Iterations**

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

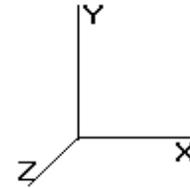
87.54	(1) 1 1/4" Hybriflex	Yes	0.54	1.00	0.00	8.457	0.00	0.54
87.54	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	8.457	2.32	7.97
87.54	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	8.457	2.32	4.81
87.54	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	8.457	0.00	4.08
87.54	(1) Reinforcement	Yes	0.54	0.00	0.60	8.457	4.63	0.00
87.54	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	8.457	0.00	2.66
88.00	(1) 1 1/4" Hybriflex	Yes	0.46	1.00	0.00	8.470	0.00	0.46
88.00	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	8.470	1.98	6.79
88.00	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	8.470	1.98	4.09
88.00	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	8.470	0.00	3.48
88.00	(1) Reinforcement	Yes	0.46	0.00	0.60	8.470	3.95	0.00
88.00	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	8.470	0.00	2.26
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.497	0.00	1.00
89.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.497	4.31	14.76
89.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.497	4.31	8.90
89.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.497	0.00	7.56
89.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.497	8.62	0.00
89.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.497	0.00	4.92
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.525	0.00	1.00
90.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.525	4.32	14.76
90.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.525	4.32	8.90
90.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.525	0.00	7.56
90.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.525	8.64	0.00
90.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.525	0.00	4.92
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.552	0.00	1.00
91.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.552	4.34	14.76
91.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.552	4.34	8.90
91.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.552	0.00	7.56
91.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.552	8.67	0.00
91.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.552	0.00	4.92
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.578	0.00	1.00
92.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.578	4.35	14.76
92.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.578	4.35	8.90
92.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.578	0.00	7.56
92.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.578	8.70	0.00
92.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.578	0.00	4.92
92.46	(1) 1 1/4" Hybriflex	Yes	0.46	1.00	0.00	8.590	0.00	0.46
92.46	(12) 1 5/8" Coax	Yes	0.46	14.76	0.30	8.590	1.99	6.74
92.46	(12) 1 5/8" Coax	Yes	0.46	8.90	0.30	8.590	1.99	4.06
92.46	(12) 1 1/4" Coax	Yes	0.46	7.56	0.00	8.590	0.00	3.45
92.46	(1) Reinforcement	Yes	0.46	0.00	0.60	8.590	3.98	0.00
92.46	(6) 1 5/8" Coax	Yes	0.46	4.92	0.00	8.590	0.00	2.25
93.00	(1) 1 1/4" Hybriflex	Yes	0.54	1.00	0.00	8.605	0.00	0.54
93.00	(12) 1 5/8" Coax	Yes	0.54	14.76	0.30	8.605	2.37	8.02
93.00	(12) 1 5/8" Coax	Yes	0.54	8.90	0.30	8.605	2.37	4.84
93.00	(12) 1 1/4" Coax	Yes	0.54	7.56	0.00	8.605	0.00	4.11
93.00	(1) Reinforcement	Yes	0.54	0.00	0.60	8.605	4.74	0.00
93.00	(6) 1 5/8" Coax	Yes	0.54	4.92	0.00	8.605	0.00	2.67
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.631	0.00	1.00
94.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.631	4.38	14.76
94.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.631	4.38	8.90
94.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.631	0.00	7.56
94.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.631	8.75	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.631	0.00	4.92
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.657	0.00	1.00
95.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.657	4.39	14.76
95.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.657	4.39	8.90

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 33 Iterations

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

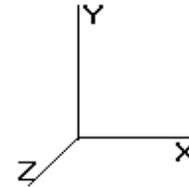
95.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.657	0.00	7.56
95.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.657	8.78	0.00
95.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.657	0.00	4.92
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.683	0.00	1.00
96.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.683	4.40	14.76
96.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.683	4.40	8.90
96.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.683	0.00	7.56
96.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.683	8.80	0.00
96.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.683	0.00	4.92
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.709	0.00	1.00
97.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.709	4.42	14.76
97.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.709	4.42	8.90
97.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.709	0.00	7.56
97.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.709	8.83	0.00
97.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.709	0.00	4.92
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.735	0.00	1.00
98.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.735	4.43	14.76
98.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.735	4.43	8.90
98.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.735	0.00	7.56
98.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.735	8.86	0.00
98.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.735	0.00	4.92
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.760	0.00	1.00
99.00	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.760	4.44	14.76
99.00	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.760	4.44	8.90
99.00	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.760	0.00	7.56
99.00	(1) Reinforcement	Yes	1.00	0.00	0.60	8.760	8.88	0.00
99.00	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.760	0.00	4.92
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.785	0.00	1.00
100.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.785	4.45	14.76
100.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.785	4.45	8.90
100.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.785	0.00	7.56
100.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.785	8.91	0.00
100.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.785	0.00	4.92
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.810	0.00	1.00
101.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.810	4.47	14.76
101.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.810	4.47	8.90
101.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.810	0.00	7.56
101.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.810	8.93	0.00
101.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.810	0.00	4.92
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.835	0.00	1.00
102.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.835	4.48	14.76
102.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.835	4.48	8.90
102.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.835	0.00	7.56
102.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.835	8.96	0.00
102.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.835	0.00	4.92
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.860	0.00	1.00
103.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.860	4.49	14.76
103.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.860	4.49	8.90
103.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.860	0.00	7.56
103.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.860	8.98	0.00
103.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.860	0.00	4.92
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.884	0.00	1.00
104.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.884	4.50	14.76
104.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.884	4.50	8.90
104.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.884	0.00	7.56
104.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.884	9.01	0.00
104.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.884	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 33 Iterations

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

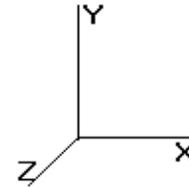
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.908	0.00	1.00
105.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.908	4.52	14.76
105.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.908	4.52	8.90
105.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.908	0.00	7.56
105.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.908	9.03	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	4.92	0.00	8.908	0.00	4.92
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.933	0.00	1.00
106.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.933	4.53	14.76
106.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.933	4.53	8.90
106.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.933	0.00	7.56
106.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.933	9.06	0.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.957	0.00	1.00
107.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.957	4.54	14.76
107.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.957	4.54	8.90
107.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.957	0.00	7.56
107.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.957	9.08	0.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	8.980	0.00	1.00
108.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	8.980	4.55	14.76
108.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	8.980	4.55	8.90
108.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	8.980	0.00	7.56
108.0	(1) Reinforcement	Yes	1.00	0.00	0.60	8.980	9.11	0.00
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.004	0.00	1.00
109.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.004	4.57	14.76
109.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.004	4.57	8.90
109.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.004	0.00	7.56
109.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.004	9.13	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.028	0.00	1.00
110.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.028	4.58	14.76
110.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.028	4.58	8.90
110.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.028	0.00	7.56
110.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.028	9.15	0.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.051	0.00	1.00
111.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.051	4.59	14.76
111.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.051	4.59	8.90
111.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.051	0.00	7.56
111.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.051	9.18	0.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.074	0.00	1.00
112.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.074	4.60	14.76
112.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.074	4.60	8.90
112.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.074	0.00	7.56
112.0	(1) Reinforcement	Yes	1.00	0.00	0.60	9.074	9.20	0.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.097	0.00	1.00
113.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.097	4.61	14.76
113.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.097	4.61	8.90
113.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.097	0.00	7.56
113.0	(1) Reinforcement	Yes	0.50	0.00	0.60	9.097	4.61	0.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.120	0.00	1.00
114.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.120	4.62	14.76
114.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.120	4.62	8.90
114.0	(12) 1 1/4" Coax	Yes	1.00	7.56	0.00	9.120	0.00	7.56
114.5	(1) 1 1/4" Hybriflex	Yes	0.50	1.00	0.00	9.132	0.00	0.50
114.5	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	9.132	2.31	7.38
114.5	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	9.132	2.31	4.45
114.5	(12) 1 1/4" Coax	Yes	0.50	7.56	0.00	9.132	0.00	3.78
115.0	(1) 1 1/4" Hybriflex	Yes	0.50	1.00	0.00	9.143	0.00	0.50
115.0	(12) 1 5/8" Coax	Yes	0.50	14.76	0.30	9.143	2.32	7.38
115.0	(12) 1 5/8" Coax	Yes	0.50	8.90	0.30	9.143	2.32	4.45

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** **33 Iterations**

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

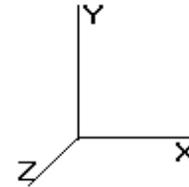
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.166	0.00	1.00
116.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.166	4.65	14.76
116.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.166	4.65	8.90
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.188	0.00	1.00
117.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.188	4.66	14.76
117.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.188	4.66	8.90
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.211	0.00	1.00
118.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.211	4.67	14.76
118.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.211	4.67	8.90
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.233	0.00	1.00
119.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.233	4.68	14.76
119.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.233	4.68	8.90
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.255	0.00	1.00
120.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.255	4.69	14.76
120.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.255	4.69	8.90
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.277	0.00	1.00
121.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.277	4.70	14.76
121.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.277	4.70	8.90
122.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.299	0.00	1.00
122.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.299	4.71	14.76
122.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.299	4.71	8.90
123.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.320	0.00	1.00
123.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.320	4.73	14.76
123.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.320	4.73	8.90
124.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.342	0.00	1.00
124.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.342	4.74	14.76
124.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.342	4.74	8.90
125.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.363	0.00	1.00
125.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.363	4.75	14.76
125.0	(12) 1 5/8" Coax	Yes	1.00	8.90	0.30	9.363	4.75	8.90
126.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.385	0.00	1.00
126.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.385	4.76	14.76
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.406	0.00	1.00
127.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.406	4.77	14.76
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.427	0.00	1.00
128.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.427	4.78	14.76
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.448	0.00	1.00
129.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.448	4.79	14.76
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.469	0.00	1.00
130.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.469	4.80	14.76
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.490	0.00	1.00
131.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.490	4.81	14.76
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.510	0.00	1.00
132.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.510	4.82	14.76
132.1	(1) 1 1/4" Hybriflex	Yes	0.12	1.00	0.00	9.513	0.00	0.12
132.1	(12) 1 5/8" Coax	Yes	0.12	14.76	0.30	9.513	0.58	1.77
133.0	(1) 1 1/4" Hybriflex	Yes	0.88	1.00	0.00	9.531	0.00	0.88
133.0	(12) 1 5/8" Coax	Yes	0.88	14.76	0.30	9.531	4.25	12.99
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.551	0.00	1.00
134.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.551	4.84	14.76
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.572	0.00	1.00
135.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.572	4.85	14.76
135.8	(1) 1 1/4" Hybriflex	Yes	0.87	1.00	0.00	9.589	0.00	0.87
135.8	(12) 1 5/8" Coax	Yes	0.87	14.76	0.30	9.589	4.23	12.84
136.0	(1) 1 1/4" Hybriflex	Yes	0.13	1.00	0.00	9.592	0.00	0.13
136.0	(12) 1 5/8" Coax	Yes	0.13	14.76	0.30	9.592	0.63	1.92
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.612	0.00	1.00

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: Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

137.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.612	4.87	14.76
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.632	0.00	1.00
138.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.632	4.88	14.76
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.652	0.00	1.00
139.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.652	4.89	14.76
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.672	0.00	1.00
140.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.672	4.90	14.76
141.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.691	0.00	1.00
141.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.691	4.91	14.76
142.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.711	0.00	1.00
142.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.711	4.92	14.76
143.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.730	0.00	1.00
143.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.730	4.93	14.76
144.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.750	0.00	1.00
144.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.750	4.94	14.76
145.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.769	0.00	1.00
145.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.769	4.95	14.76
146.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.788	0.00	1.00
146.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.788	4.96	14.76
147.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.807	0.00	1.00
147.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.807	4.97	14.76
148.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.826	0.00	1.00
148.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.826	4.98	14.76
149.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.845	0.00	1.00
149.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.845	4.99	14.76
150.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.864	0.00	1.00
150.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.864	5.00	14.76
151.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.883	0.00	1.00
151.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.883	5.01	14.76
152.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.902	0.00	1.00
152.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.902	5.02	14.76
153.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.920	0.00	1.00
153.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.920	5.03	14.76
154.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.939	0.00	1.00
154.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.939	5.04	14.76
155.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.957	0.00	1.00
155.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.957	5.05	14.76
156.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.975	0.00	1.00
156.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.975	5.06	14.76
157.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	9.994	0.00	1.00
157.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	9.994	5.07	14.76
158.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.012	0.00	1.00
158.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.012	5.08	14.76
159.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.030	0.00	1.00
159.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.030	5.09	14.76
160.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.048	0.00	1.00
160.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.048	5.09	14.76
161.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.066	0.00	1.00
161.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.066	5.10	14.76
162.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.083	0.00	1.00
162.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.083	5.11	14.76
163.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.101	0.00	1.00
163.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.101	5.12	14.76
164.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.119	0.00	1.00
164.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.119	5.13	14.76
165.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.136	0.00	1.00
165.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.136	5.14	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)

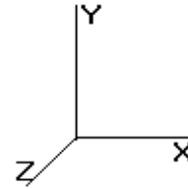
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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

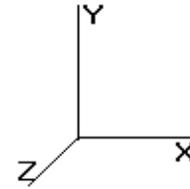
166.0	(1) 1 1/4" Hybriflex	Yes	1.00	1.00	0.00	10.154		0.00	1.00
166.0	(12) 1 5/8" Coax	Yes	1.00	14.76	0.30	10.154		5.15	14.76
Totals:								2,030.55	5,120.78

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	33 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	43.82	387.08	0.00	0.00
2.00	43.69	386.04	0.00	0.00
3.00	43.56	385.00	0.00	0.00
4.00	43.43	383.97	0.00	0.00
5.00	43.31	382.93	0.00	0.00
6.00	43.18	381.89	0.00	0.00
7.00	43.05	380.86	0.00	0.00
8.00	42.92	379.82	0.00	0.00
9.00	42.79	378.78	0.00	0.00
10.00	42.66	377.75	0.00	0.00
11.00	42.53	376.71	0.00	0.00
12.00	42.41	375.67	0.00	0.00
13.00	42.28	374.64	0.00	0.00
14.00	42.15	373.60	0.00	0.00
15.00	42.02	372.56	0.00	0.00
16.00	41.89	371.53	0.00	0.00
17.00	41.76	370.49	0.00	0.00
18.00	41.63	369.45	0.00	0.00
19.00	41.51	368.41	0.00	0.00
20.00	41.38	367.38	0.00	0.00
21.00	41.25	366.34	0.00	0.00
22.00	41.12	365.30	0.00	0.00
23.00	40.99	364.27	0.00	0.00
24.00	40.86	363.23	0.00	0.00
25.00	40.73	362.19	0.00	0.00
26.00	40.61	361.16	0.00	0.00
27.00	40.48	360.12	0.00	0.00
28.00	40.35	359.08	0.00	0.00
29.00	40.22	358.05	0.00	0.00
30.00	50.91	367.01	0.00	0.00
31.00	39.96	355.64	0.00	0.00
32.00	39.83	354.61	0.00	0.00
33.00	39.71	353.57	0.00	0.00
34.00	39.92	352.53	0.00	0.00
35.00	40.12	351.49	0.00	0.00
36.00	40.31	350.46	0.00	0.00
37.00	40.49	349.42	0.00	0.00
38.00	40.67	348.38	0.00	0.00
39.00	40.84	347.35	0.00	0.00
40.00	41.00	346.31	0.00	0.00
41.00	41.15	345.27	0.00	0.00
42.00	41.30	344.24	0.00	0.00
42.96	39.63	328.31	0.00	0.00
43.00	1.82	22.57	0.00	0.00
44.00	42.05	518.66	0.00	0.00
45.00	42.18	516.73	0.00	0.00
46.00	42.30	514.81	0.00	0.00
47.00	42.42	512.88	0.00	0.00
48.00	42.53	510.96	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)

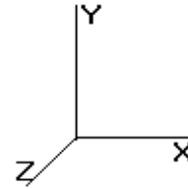
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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

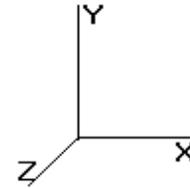
49.00	42.64	509.03	0.00	0.00
49.04	1.70	20.27	0.00	0.00
50.00	41.04	298.82	0.00	0.00
51.00	42.84	310.36	0.00	0.00
52.00	42.93	309.48	0.00	0.00
53.00	43.02	308.59	0.00	0.00
54.00	43.10	307.70	0.00	0.00
55.00	43.18	306.81	0.00	0.00
56.00	43.25	305.92	0.00	0.00
57.00	43.32	305.03	0.00	0.00
58.00	43.39	304.14	0.00	0.00
59.00	43.45	303.25	0.00	0.00
60.00	43.50	302.37	0.00	0.00
61.00	43.56	301.48	0.00	0.00
62.00	43.61	300.59	0.00	0.00
63.00	43.65	299.70	0.00	0.00
64.00	43.69	298.81	0.00	0.00
65.00	43.73	297.92	0.00	0.00
66.00	43.77	297.03	0.00	0.00
67.00	43.80	296.14	0.00	0.00
68.00	43.82	295.26	0.00	0.00
69.00	43.85	294.37	0.00	0.00
70.00	43.87	293.48	0.00	0.00
71.00	43.89	292.59	0.00	0.00
72.00	43.90	291.70	0.00	0.00
73.00	43.91	290.81	0.00	0.00
74.00	43.92	289.92	0.00	0.00
75.00	43.93	289.03	0.00	0.00
76.00	43.93	288.15	0.00	0.00
77.00	43.93	287.26	0.00	0.00
78.00	45.18	286.97	0.00	0.00
79.00	43.93	285.33	0.00	0.00
80.00	43.92	284.44	0.00	0.00
81.00	43.91	283.55	0.00	0.00
82.00	43.90	282.66	0.00	0.00
83.00	43.88	281.77	0.00	0.00
84.00	43.86	280.89	0.00	0.00
85.00	43.84	280.00	0.00	0.00
86.00	43.82	279.11	0.00	0.00
87.00	43.80	278.22	0.00	0.00
87.54	23.62	149.84	0.00	0.00
88.00	20.34	181.14	0.00	0.00
89.00	44.23	392.51	0.00	0.00
90.00	44.20	390.88	0.00	0.00
91.00	44.17	389.26	0.00	0.00
92.00	44.13	387.63	0.00	0.00
92.46	20.12	176.43	0.00	0.00
93.00	23.94	137.42	0.00	0.00
94.00	44.06	252.31	0.00	0.00
95.00	165.52	438.17	0.00	0.26
96.00	43.97	250.02	0.00	0.00
97.00	43.93	249.28	0.00	0.00
98.00	43.88	248.54	0.00	0.00
99.00	43.83	247.80	0.00	0.00
100.0	43.78	247.05	0.00	0.00
101.0	43.73	246.31	0.00	0.00
102.0	43.68	245.57	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: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations

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

103.0	43.62	244.83	0.00	0.00
104.0	43.56	244.09	0.00	0.00
105.0	229.95	255.75	0.00	0.00
106.0	43.44	170.89	0.00	0.00
107.0	43.38	170.15	0.00	0.00
108.0	43.31	169.41	0.00	0.00
109.0	43.25	168.67	0.00	0.00
110.0	43.18	167.93	0.00	0.00
111.0	43.11	167.19	0.00	0.00
112.0	43.04	166.45	0.00	0.00
113.0	38.35	165.71	0.00	0.00
114.0	33.64	164.97	0.00	0.00
114.5	987.15	1,750.21	0.00	0.00
115.0	16.75	78.24	0.00	0.00
116.0	33.44	155.93	0.00	0.00
117.0	33.34	155.18	0.00	0.00
118.0	33.23	154.44	0.00	0.00
119.0	33.13	153.70	0.00	0.00
120.0	33.02	152.96	0.00	0.00
121.0	32.91	152.22	0.00	0.00
122.0	32.81	151.48	0.00	0.00
123.0	32.69	150.74	0.00	0.00
124.0	32.58	150.00	0.00	0.00
125.0	1,702.47	1,922.36	0.00	0.00
126.0	27.60	139.62	0.00	0.00
127.0	27.47	138.88	0.00	0.00
128.0	27.34	138.14	0.00	0.00
129.0	27.21	137.40	0.00	0.00
130.0	27.08	136.66	0.00	0.00
131.0	26.95	135.92	0.00	0.00
132.0	1,293.47	2,174.58	0.00	1,260.78
132.1	3.20	14.90	0.00	0.00
133.0	23.77	154.11	0.00	0.00
134.0	26.88	173.97	0.00	0.00
135.0	26.74	172.79	0.00	0.00
135.8	23.15	149.33	0.00	0.00
136.0	3.45	11.74	0.00	0.00
137.0	26.47	89.90	0.00	0.00
138.0	26.33	89.45	0.00	0.00
139.0	26.19	89.01	0.00	0.00
140.0	590.57	717.56	0.00	1,709.16
141.0	25.91	82.56	0.00	0.00
142.0	25.77	82.11	0.00	0.00
143.0	25.62	81.67	0.00	0.00
144.0	25.48	81.23	0.00	0.00
145.0	25.33	80.78	0.00	0.00
146.0	25.19	80.34	0.00	0.00
147.0	25.04	79.89	0.00	0.00
148.0	24.89	79.45	0.00	0.00
149.0	24.74	79.00	0.00	0.00
150.0	105.51	236.86	0.00	0.00
151.0	24.44	77.29	0.00	0.00
152.0	24.28	76.85	0.00	0.00
153.0	24.13	76.41	0.00	0.00
154.0	23.98	75.96	0.00	0.00
155.0	23.82	75.52	0.00	0.00
156.0	23.66	75.07	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)

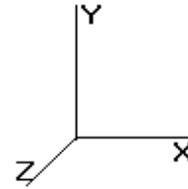
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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

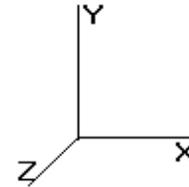
157.0	23.51	74.63	0.00	0.00
158.0	23.35	74.18	0.00	0.00
159.0	23.19	73.74	0.00	0.00
160.0	23.03	73.30	0.00	0.00
161.0	22.87	72.85	0.00	0.00
162.0	22.71	72.41	0.00	0.00
163.0	22.54	71.96	0.00	0.00
164.0	22.38	71.52	0.00	0.00
165.0	22.21	71.07	0.00	0.00
166.0	1,106.32	1,497.13	0.00	0.00
167.0	16.73	54.42	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	15.48	51.31	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	1,629.61	2,314.85	0.00	2,447.35
Totals:	14,043.25	53,253.53	0.00	5,417.55

Pole : 302506
 Location : Winchester CT 3, CT
 Height : 180.0 (ft)
 Base Dia : 52.75 (in)
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Load Case: Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

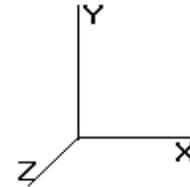
Calculated Shaft Forces and Deflections

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	-14.046	-53.252	0.000	0.000	0.000	-1,663.868	0.000	0.000	0.000	0.000
1.00	-14.015	-52.861	0.000	0.000	0.000	-1,649.822	-0.002	0.000	0.002	-0.014
2.00	-13.984	-52.472	0.000	0.000	0.000	-1,635.807	-0.006	0.000	0.006	-0.028
3.00	-13.953	-52.083	0.000	0.000	0.000	-1,621.823	-0.014	0.000	0.014	-0.042
4.00	-13.922	-51.696	0.000	0.000	0.000	-1,607.870	-0.024	0.000	0.024	-0.056
5.00	-13.891	-51.310	0.000	0.000	0.000	-1,593.948	-0.037	0.000	0.037	-0.070
6.00	-13.860	-50.924	0.000	0.000	0.000	-1,580.057	-0.054	0.000	0.054	-0.084
7.00	-13.829	-50.540	0.000	0.000	0.000	-1,566.198	-0.073	0.000	0.073	-0.098
8.00	-13.798	-50.157	0.000	0.000	0.000	-1,552.370	-0.095	0.000	0.095	-0.112
9.00	-13.766	-49.775	0.000	0.000	0.000	-1,538.572	-0.120	0.000	0.120	-0.127
10.00	-13.735	-49.394	0.000	0.000	0.000	-1,524.806	-0.149	0.000	0.149	-0.141
11.00	-13.704	-49.014	0.000	0.000	0.000	-1,511.071	-0.180	0.000	0.180	-0.155
12.00	-13.673	-48.635	0.000	0.000	0.000	-1,497.368	-0.214	0.000	0.214	-0.170
13.00	-13.641	-48.257	0.000	0.000	0.000	-1,483.696	-0.251	0.000	0.251	-0.184
14.00	-13.610	-47.880	0.000	0.000	0.000	-1,470.054	-0.291	0.000	0.291	-0.198
15.00	-13.579	-47.504	0.000	0.000	0.000	-1,456.445	-0.335	0.000	0.335	-0.213
16.00	-13.547	-47.129	0.000	0.000	0.000	-1,442.867	-0.381	0.000	0.381	-0.227
17.00	-13.516	-46.756	0.000	0.000	0.000	-1,429.320	-0.430	0.000	0.430	-0.242
18.00	-13.484	-46.383	0.000	0.000	0.000	-1,415.804	-0.483	0.000	0.483	-0.256
19.00	-13.453	-46.011	0.000	0.000	0.000	-1,402.320	-0.538	0.000	0.538	-0.271
20.00	-13.421	-45.641	0.000	0.000	0.000	-1,388.868	-0.596	0.000	0.596	-0.286
21.00	-13.390	-45.271	0.000	0.000	0.000	-1,375.447	-0.658	0.000	0.658	-0.300
22.00	-13.358	-44.903	0.000	0.000	0.000	-1,362.057	-0.723	0.000	0.723	-0.315
23.00	-13.327	-44.535	0.000	0.000	0.000	-1,348.699	-0.790	0.000	0.790	-0.330
24.00	-13.295	-44.169	0.000	0.000	0.000	-1,335.372	-0.861	0.000	0.861	-0.345
25.00	-13.264	-43.803	0.000	0.000	0.000	-1,322.078	-0.935	0.000	0.935	-0.359
26.00	-13.232	-43.439	0.000	0.000	0.000	-1,308.814	-1.012	0.000	1.012	-0.374
27.00	-13.200	-43.076	0.000	0.000	0.000	-1,295.583	-1.092	0.000	1.092	-0.389
28.00	-13.168	-42.714	0.000	0.000	0.000	-1,282.383	-1.175	0.000	1.175	-0.404
29.00	-13.137	-42.352	0.000	0.000	0.000	-1,269.215	-1.262	0.000	1.262	-0.419
30.00	-13.094	-41.982	0.000	0.000	0.000	-1,256.078	-1.351	0.000	1.351	-0.434
31.00	-13.062	-41.624	0.000	0.000	0.000	-1,242.984	-1.444	0.000	1.444	-0.449
32.00	-13.030	-41.266	0.000	0.000	0.000	-1,229.922	-1.539	0.000	1.539	-0.464
33.00	-12.999	-40.909	0.000	0.000	0.000	-1,216.892	-1.638	0.000	1.638	-0.479
34.00	-12.966	-40.554	0.000	0.000	0.000	-1,203.894	-1.740	0.000	1.740	-0.494
35.00	-12.934	-40.199	0.000	0.000	0.000	-1,190.928	-1.846	0.000	1.846	-0.509
36.00	-12.901	-39.846	0.000	0.000	0.000	-1,177.994	-1.954	0.000	1.954	-0.524
37.00	-12.868	-39.493	0.000	0.000	0.000	-1,165.094	-2.066	0.000	2.066	-0.540
38.00	-12.834	-39.142	0.000	0.000	0.000	-1,152.226	-2.180	0.000	2.180	-0.555
39.00	-12.800	-38.791	0.000	0.000	0.000	-1,139.392	-2.298	0.000	2.298	-0.570
40.00	-12.766	-38.442	0.000	0.000	0.000	-1,126.592	-2.419	0.000	2.419	-0.585
41.00	-12.731	-38.094	0.000	0.000	0.000	-1,113.827	-2.544	0.000	2.544	-0.601
42.00	-12.696	-37.747	0.000	0.000	0.000	-1,101.096	-2.671	0.000	2.671	-0.616
42.96	-12.658	-37.417	0.000	0.000	0.000	-1,088.951	-2.796	0.000	2.796	-0.631
43.00	-12.661	-37.393	0.000	0.000	0.000	-1,088.401	-2.802	0.000	2.802	-0.631
44.00	-12.623	-36.871	0.000	0.000	0.000	-1,075.740	-2.936	0.000	2.936	-0.647
45.00	-12.585	-36.352	0.000	0.000	0.000	-1,063.117	-3.073	0.000	3.073	-0.662
46.00	-12.546	-35.834	0.000	0.000	0.000	-1,050.533	-3.214	0.000	3.214	-0.677
47.00	-12.507	-35.319	0.000	0.000	0.000	-1,037.987	-3.357	0.000	3.357	-0.692
48.00	-12.468	-34.805	0.000	0.000	0.000	-1,025.480	-3.504	0.000	3.504	-0.708
49.00	-12.423	-34.295	0.000	0.000	0.000	-1,013.013	-3.654	0.000	3.654	-0.723

Pole : 302506
 Location : Winchester CT 3, CT
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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations

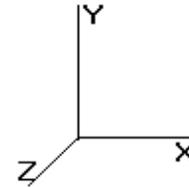
Gust Response Factor : 1.69
 Dead Load Factor : 1.00
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49.04	-12.426	-34.273	0.000	0.000	0.000	-1,012.517	-3.660	0.000	3.660	-0.724
50.00	-12.390	-33.971	0.000	0.000	0.000	-1,000.587	-3.807	0.000	3.807	-0.738
51.00	-12.353	-33.658	0.000	0.000	0.000	-988.197	-3.964	0.000	3.964	-0.755
52.00	-12.316	-33.345	0.000	0.000	0.000	-975.844	-4.124	0.000	4.124	-0.771
53.00	-12.278	-33.034	0.000	0.000	0.000	-963.529	-4.287	0.000	4.287	-0.788
54.00	-12.240	-32.723	0.000	0.000	0.000	-951.251	-4.454	0.000	4.454	-0.804
55.00	-12.202	-32.414	0.000	0.000	0.000	-939.012	-4.624	0.000	4.624	-0.820
56.00	-12.163	-32.105	0.000	0.000	0.000	-926.810	-4.798	0.000	4.798	-0.837
57.00	-12.125	-31.797	0.000	0.000	0.000	-914.647	-4.975	0.000	4.975	-0.853
58.00	-12.086	-31.490	0.000	0.000	0.000	-902.523	-5.156	0.000	5.156	-0.870
59.00	-12.047	-31.184	0.000	0.000	0.000	-890.437	-5.340	0.000	5.340	-0.886
60.00	-12.007	-30.879	0.000	0.000	0.000	-878.391	-5.528	0.000	5.528	-0.903
61.00	-11.968	-30.575	0.000	0.000	0.000	-866.384	-5.719	0.000	5.719	-0.919
62.00	-11.928	-30.272	0.000	0.000	0.000	-854.417	-5.913	0.000	5.913	-0.936
63.00	-11.888	-29.969	0.000	0.000	0.000	-842.489	-6.111	0.000	6.111	-0.952
64.00	-11.848	-29.668	0.000	0.000	0.000	-830.602	-6.312	0.000	6.312	-0.969
65.00	-11.807	-29.367	0.000	0.000	0.000	-818.754	-6.517	0.000	6.517	-0.985
66.00	-11.767	-29.068	0.000	0.000	0.000	-806.947	-6.725	0.000	6.725	-1.001
67.00	-11.726	-28.769	0.000	0.000	0.000	-795.180	-6.937	0.000	6.937	-1.018
68.00	-11.685	-28.471	0.000	0.000	0.000	-783.455	-7.152	0.000	7.152	-1.034
69.00	-11.644	-28.174	0.000	0.000	0.000	-771.770	-7.371	0.000	7.371	-1.051
70.00	-11.603	-27.878	0.000	0.000	0.000	-760.126	-7.593	0.000	7.593	-1.067
71.00	-11.561	-27.583	0.000	0.000	0.000	-748.523	-7.818	0.000	7.818	-1.084
72.00	-11.520	-27.289	0.000	0.000	0.000	-736.962	-8.047	0.000	8.047	-1.100
73.00	-11.478	-26.996	0.000	0.000	0.000	-725.443	-8.279	0.000	8.279	-1.116
74.00	-11.436	-26.704	0.000	0.000	0.000	-713.966	-8.515	0.000	8.515	-1.133
75.00	-11.394	-26.412	0.000	0.000	0.000	-702.530	-8.754	0.000	8.754	-1.149
76.00	-11.351	-26.122	0.000	0.000	0.000	-691.136	-8.997	0.000	8.997	-1.165
77.00	-11.309	-25.833	0.000	0.000	0.000	-679.785	-9.243	0.000	9.243	-1.182
78.00	-11.265	-25.543	0.000	0.000	0.000	-668.477	-9.492	0.000	9.492	-1.198
79.00	-11.222	-25.256	0.000	0.000	0.000	-657.212	-9.745	0.000	9.745	-1.214
80.00	-11.179	-24.969	0.000	0.000	0.000	-645.990	-10.001	0.000	10.001	-1.230
81.00	-11.136	-24.684	0.000	0.000	0.000	-634.811	-10.261	0.000	10.261	-1.246
82.00	-11.093	-24.399	0.000	0.000	0.000	-623.675	-10.524	0.000	10.524	-1.263
83.00	-11.050	-24.115	0.000	0.000	0.000	-612.582	-10.790	0.000	10.790	-1.279
84.00	-11.006	-23.832	0.000	0.000	0.000	-601.532	-11.060	0.000	11.060	-1.295
85.00	-10.963	-23.550	0.000	0.000	0.000	-590.526	-11.333	0.000	11.333	-1.311
86.00	-10.919	-23.269	0.000	0.000	0.000	-579.564	-11.609	0.000	11.609	-1.327
87.00	-10.873	-22.990	0.000	0.000	0.000	-568.645	-11.889	0.000	11.889	-1.343
87.54	-10.850	-22.839	0.000	0.000	0.000	-562.775	-12.041	0.000	12.041	-1.351
88.00	-10.829	-22.656	0.000	0.000	0.000	-557.783	-12.172	0.000	12.172	-1.358
89.00	-10.782	-22.262	0.000	0.000	0.000	-546.954	-12.458	0.000	12.458	-1.374
90.00	-10.734	-21.869	0.000	0.000	0.000	-536.172	-12.748	0.000	12.748	-1.390
91.00	-10.686	-21.478	0.000	0.000	0.000	-525.438	-13.041	0.000	13.041	-1.405
92.00	-10.637	-21.090	0.000	0.000	0.000	-514.752	-13.337	0.000	13.337	-1.420
92.46	-10.615	-20.912	0.000	0.000	0.000	-509.896	-13.473	0.000	13.473	-1.427
93.00	-10.592	-20.773	0.000	0.000	0.000	-504.127	-13.636	0.000	13.636	-1.436
94.00	-10.548	-20.519	0.000	0.000	0.000	-493.535	-13.938	0.000	13.938	-1.452
95.00	-10.377	-20.083	0.000	0.000	0.000	-482.987	-14.245	0.000	14.245	-1.468
96.00	-10.332	-19.831	0.000	0.000	0.000	-472.611	-14.554	0.000	14.554	-1.484
97.00	-10.287	-19.580	0.000	0.000	0.000	-462.279	-14.867	0.000	14.867	-1.500
98.00	-10.242	-19.330	0.000	0.000	0.000	-451.992	-15.183	0.000	15.183	-1.516
99.00	-10.197	-19.080	0.000	0.000	0.000	-441.751	-15.502	0.000	15.502	-1.532
100.0	-10.151	-18.832	0.000	0.000	0.000	-431.554	-15.825	0.000	15.825	-1.547
101.0	-10.106	-18.584	0.000	0.000	0.000	-421.403	-16.151	0.000	16.151	-1.563
102.0	-10.061	-18.337	0.000	0.000	0.000	-411.297	-16.480	0.000	16.480	-1.578
103.0	-10.015	-18.091	0.000	0.000	0.000	-401.236	-16.812	0.000	16.812	-1.594

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

104.0	-9.969	-17.846	0.000	0.000	0.000	-391.221	-17.148	0.000	17.148	-1.609
105.0	-9.739	-17.593	0.000	0.000	0.000	-381.252	-17.487	0.000	17.487	-1.624
106.0	-9.700	-17.418	0.000	0.000	0.000	-371.513	-17.830	0.000	17.830	-1.653
107.0	-9.660	-17.244	0.000	0.000	0.000	-361.814	-18.180	0.000	18.180	-1.682
108.0	-9.621	-17.072	0.000	0.000	0.000	-352.154	-18.535	0.000	18.535	-1.711
109.0	-9.581	-16.899	0.000	0.000	0.000	-342.533	-18.897	0.000	18.897	-1.740
110.0	-9.541	-16.728	0.000	0.000	0.000	-332.953	-19.265	0.000	19.265	-1.769
111.0	-9.501	-16.558	0.000	0.000	0.000	-323.412	-19.639	0.000	19.639	-1.798
112.0	-9.461	-16.388	0.000	0.000	0.000	-313.911	-20.018	0.000	20.018	-1.826
113.0	-9.425	-16.219	0.000	0.000	0.000	-304.451	-20.404	0.000	20.404	-1.854
114.0	-9.392	-16.052	0.000	0.000	0.000	-295.026	-20.795	0.000	20.795	-1.882
114.5	-8.351	-14.333	0.000	0.000	0.000	-290.331	-20.993	0.000	20.993	-1.896
115.0	-8.337	-14.252	0.000	0.000	0.000	-286.155	-21.192	0.000	21.192	-1.910
116.0	-8.305	-14.094	0.000	0.000	0.000	-277.819	-21.595	0.000	21.595	-1.937
117.0	-8.273	-13.936	0.000	0.000	0.000	-269.514	-22.004	0.000	22.004	-1.964
118.0	-8.241	-13.779	0.000	0.000	0.000	-261.241	-22.419	0.000	22.419	-1.991
119.0	-8.209	-13.623	0.000	0.000	0.000	-253.001	-22.839	0.000	22.839	-2.018
120.0	-8.177	-13.467	0.000	0.000	0.000	-244.792	-23.264	0.000	23.264	-2.045
121.0	-8.144	-13.312	0.000	0.000	0.000	-236.616	-23.695	0.000	23.695	-2.071
122.0	-8.112	-13.159	0.000	0.000	0.000	-228.472	-24.132	0.000	24.132	-2.097
123.0	-8.080	-13.006	0.000	0.000	0.000	-220.360	-24.574	0.000	24.574	-2.123
124.0	-8.047	-12.853	0.000	0.000	0.000	-212.281	-25.022	0.000	25.022	-2.148
125.0	-6.278	-10.994	0.000	0.000	0.000	-204.234	-25.474	0.000	25.474	-2.174
126.0	-6.250	-10.853	0.000	0.000	0.000	-197.956	-25.932	0.000	25.932	-2.198
127.0	-6.222	-10.712	0.000	0.000	0.000	-191.706	-26.395	0.000	26.395	-2.223
128.0	-6.194	-10.573	0.000	0.000	0.000	-185.484	-26.864	0.000	26.864	-2.248
129.0	-6.166	-10.434	0.000	0.000	0.000	-179.291	-27.337	0.000	27.337	-2.272
130.0	-6.137	-10.296	0.000	0.000	0.000	-173.125	-27.815	0.000	27.815	-2.296
131.0	-6.109	-10.158	0.000	0.000	0.000	-166.988	-28.299	0.000	28.299	-2.320
132.0	-4.730	-8.037	0.000	0.000	0.000	-159.618	-28.787	0.000	28.787	-2.344
132.1	-4.728	-8.022	0.000	0.000	0.000	-159.052	-28.846	0.000	28.846	-2.346
133.0	-4.701	-7.867	0.000	0.000	0.000	-154.890	-29.281	0.000	29.281	-2.367
134.0	-4.670	-7.692	0.000	0.000	0.000	-150.189	-29.779	0.000	29.779	-2.390
135.0	-4.639	-7.519	0.000	0.000	0.000	-145.520	-30.282	0.000	30.282	-2.413
135.8	-4.611	-7.370	0.000	0.000	0.000	-141.485	-30.723	0.000	30.723	-2.433
136.0	-4.610	-7.357	0.000	0.000	0.000	-140.884	-30.790	0.000	30.790	-2.436
137.0	-4.584	-7.265	0.000	0.000	0.000	-136.275	-31.304	0.000	31.304	-2.472
138.0	-4.558	-7.174	0.000	0.000	0.000	-131.691	-31.825	0.000	31.825	-2.508
139.0	-4.532	-7.083	0.000	0.000	0.000	-127.133	-32.354	0.000	32.354	-2.543
140.0	-3.914	-6.391	0.000	0.000	0.000	-120.892	-32.891	0.000	32.891	-2.578
141.0	-3.888	-6.307	0.000	0.000	0.000	-116.978	-33.434	0.000	33.434	-2.612
142.0	-3.863	-6.224	0.000	0.000	0.000	-113.089	-33.985	0.000	33.985	-2.646
143.0	-3.837	-6.141	0.000	0.000	0.000	-109.227	-34.543	0.000	34.543	-2.680
144.0	-3.811	-6.059	0.000	0.000	0.000	-105.390	-35.108	0.000	35.108	-2.714
145.0	-3.786	-5.977	0.000	0.000	0.000	-101.579	-35.680	0.000	35.680	-2.747
146.0	-3.760	-5.896	0.000	0.000	0.000	-97.793	-36.258	0.000	36.258	-2.780
147.0	-3.735	-5.815	0.000	0.000	0.000	-94.033	-36.844	0.000	36.844	-2.813
148.0	-3.709	-5.735	0.000	0.000	0.000	-90.299	-37.437	0.000	37.437	-2.846
149.0	-3.684	-5.656	0.000	0.000	0.000	-86.590	-38.036	0.000	38.036	-2.878
150.0	-3.569	-5.422	0.000	0.000	0.000	-82.906	-38.642	0.000	38.642	-2.910
151.0	-3.544	-5.344	0.000	0.000	0.000	-79.337	-39.255	0.000	39.255	-2.941
152.0	-3.519	-5.267	0.000	0.000	0.000	-75.794	-39.874	0.000	39.874	-2.972
153.0	-3.493	-5.190	0.000	0.000	0.000	-72.275	-40.500	0.000	40.500	-3.002
154.0	-3.468	-5.114	0.000	0.000	0.000	-68.782	-41.132	0.000	41.132	-3.032
155.0	-3.443	-5.038	0.000	0.000	0.000	-65.314	-41.770	0.000	41.770	-3.062
156.0	-3.418	-4.963	0.000	0.000	0.000	-61.872	-42.414	0.000	42.414	-3.090
157.0	-3.393	-4.888	0.000	0.000	0.000	-58.454	-43.064	0.000	43.064	-3.119

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)

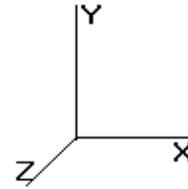
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Base Elev: 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

158.0	-3.367	-4.813	0.000	0.000	0.000	-55.062	-43.720	0.000	43.720	-3.146
159.0	-3.342	-4.739	0.000	0.000	0.000	-51.694	-44.381	0.000	44.381	-3.173
160.0	-3.318	-4.666	0.000	0.000	0.000	-48.352	-45.049	0.000	45.049	-3.198
161.0	-3.293	-4.593	0.000	0.000	0.000	-45.035	-45.721	0.000	45.721	-3.223
162.0	-3.268	-4.521	0.000	0.000	0.000	-41.742	-46.398	0.000	46.398	-3.247
163.0	-3.243	-4.449	0.000	0.000	0.000	-38.474	-47.081	0.000	47.081	-3.270
164.0	-3.218	-4.378	0.000	0.000	0.000	-35.231	-47.768	0.000	47.768	-3.292
165.0	-3.194	-4.307	0.000	0.000	0.000	-32.013	-48.460	0.000	48.460	-3.313
166.0	-2.003	-2.876	0.000	0.000	0.000	-28.820	-49.155	0.000	49.155	-3.332
167.0	-1.984	-2.822	0.000	0.000	0.000	-26.817	-49.855	0.000	49.855	-3.351
168.0	-1.966	-2.768	0.000	0.000	0.000	-24.832	-50.558	0.000	50.558	-3.368
169.0	-1.947	-2.715	0.000	0.000	0.000	-22.867	-51.265	0.000	51.265	-3.385
170.0	-1.928	-2.663	0.000	0.000	0.000	-20.920	-51.976	0.000	51.976	-3.402
171.0	-1.910	-2.610	0.000	0.000	0.000	-18.992	-52.690	0.000	52.690	-3.417
172.0	-1.892	-2.559	0.000	0.000	0.000	-17.082	-53.407	0.000	53.407	-3.431
173.0	-1.874	-2.508	0.000	0.000	0.000	-15.190	-54.127	0.000	54.127	-3.445
174.0	-1.856	-2.457	0.000	0.000	0.000	-13.316	-54.849	0.000	54.849	-3.457
175.0	-1.838	-2.407	0.000	0.000	0.000	-11.461	-55.574	0.000	55.574	-3.468
176.0	-1.820	-2.357	0.000	0.000	0.000	-9.623	-56.301	0.000	56.301	-3.478
177.0	-1.803	-2.308	0.000	0.000	0.000	-7.803	-57.030	0.000	57.030	-3.487
178.0	-1.785	-2.259	0.000	0.000	0.000	-6.000	-57.761	0.000	57.761	-3.494
179.0	-1.768	-2.211	0.000	0.000	0.000	-4.215	-58.493	0.000	58.493	-3.499
180.0	-1.630	0.000	0.000	0.000	0.000	-2.447	-59.226	0.000	59.226	-3.503

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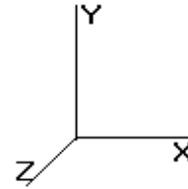
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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway	50.00 mph Wind with No Ice	33 Iterations
Gust Response Factor : 1.69		
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Calculated Stresses

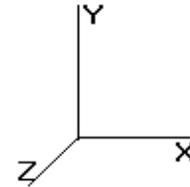
Seg Elev (ft)	Applied Stresses							Allowable Stress (Fb) (ksi)	Stress Ratio	
	Axial (Y) (ksi)	Shear (X) (ksi)	Shear (Z) (ksi)	Torsion (ksi)	Bending (X) (ksi)	Bending (Z) (ksi)	Combined (ksi)			
0.00	0.58	0.39	0.00	0.00	0.00	15.80	16.39	52.0	0.0	0.315
1.00	0.57	0.39	0.00	0.00	0.00	15.77	16.36	52.0	0.0	0.315
2.00	0.57	0.39	0.00	0.00	0.00	15.75	16.34	52.0	0.0	0.314
3.00	0.57	0.39	0.00	0.00	0.00	15.73	16.31	52.0	0.0	0.314
4.00	0.57	0.39	0.00	0.00	0.00	15.71	16.29	52.0	0.0	0.313
5.00	0.57	0.39	0.00	0.00	0.00	15.68	16.26	52.0	0.0	0.313
6.00	0.56	0.39	0.00	0.00	0.00	15.66	16.24	52.0	0.0	0.312
7.00	0.56	0.40	0.00	0.00	0.00	15.63	16.21	52.0	0.0	0.312
8.00	0.56	0.40	0.00	0.00	0.00	15.61	16.18	52.0	0.0	0.311
9.00	0.56	0.40	0.00	0.00	0.00	15.58	16.15	52.0	0.0	0.311
10.00	0.55	0.40	0.00	0.00	0.00	15.56	16.12	52.0	0.0	0.310
11.00	0.55	0.40	0.00	0.00	0.00	15.53	16.10	52.0	0.0	0.310
12.00	0.55	0.40	0.00	0.00	0.00	15.50	16.07	52.0	0.0	0.309
13.00	0.55	0.40	0.00	0.00	0.00	15.47	16.04	52.0	0.0	0.309
14.00	0.54	0.40	0.00	0.00	0.00	15.45	16.01	52.0	0.0	0.308
15.00	0.54	0.40	0.00	0.00	0.00	15.42	15.97	52.0	0.0	0.307
16.00	0.54	0.40	0.00	0.00	0.00	15.39	15.94	52.0	0.0	0.307
17.00	0.54	0.40	0.00	0.00	0.00	15.36	15.91	52.0	0.0	0.306
18.00	0.53	0.40	0.00	0.00	0.00	15.33	15.88	52.0	0.0	0.305
19.00	0.53	0.41	0.00	0.00	0.00	15.30	15.84	52.0	0.0	0.305
20.00	0.53	0.41	0.00	0.00	0.00	15.26	15.81	52.0	0.0	0.304
21.00	0.53	0.41	0.00	0.00	0.00	15.23	15.77	52.0	0.0	0.304
22.00	0.52	0.41	0.00	0.00	0.00	15.20	15.74	52.0	0.0	0.303
23.00	0.52	0.41	0.00	0.00	0.00	15.17	15.70	52.0	0.0	0.302
24.00	0.52	0.41	0.00	0.00	0.00	15.13	15.67	52.0	0.0	0.301
25.00	0.52	0.41	0.00	0.00	0.00	15.10	15.63	52.0	0.0	0.301
26.00	0.51	0.41	0.00	0.00	0.00	15.06	15.59	52.0	0.0	0.300
27.00	0.51	0.41	0.00	0.00	0.00	15.02	15.55	52.0	0.0	0.299
28.00	0.51	0.41	0.00	0.00	0.00	14.99	15.51	52.0	0.0	0.298
29.00	0.51	0.41	0.00	0.00	0.00	14.95	15.47	52.0	0.0	0.298
30.00	0.50	0.42	0.00	0.00	0.00	14.91	15.43	52.0	0.0	0.297
31.00	0.50	0.42	0.00	0.00	0.00	14.87	15.39	52.0	0.0	0.296
32.00	0.50	0.42	0.00	0.00	0.00	14.83	15.35	52.0	0.0	0.295
33.00	0.50	0.42	0.00	0.00	0.00	14.79	15.31	52.0	0.0	0.295
34.00	0.50	0.42	0.00	0.00	0.00	14.75	15.26	52.0	0.0	0.294
35.00	0.49	0.42	0.00	0.00	0.00	14.71	15.22	52.0	0.0	0.293
36.00	0.49	0.42	0.00	0.00	0.00	14.67	15.17	52.0	0.0	0.292
37.00	0.49	0.42	0.00	0.00	0.00	14.62	15.13	52.0	0.0	0.291
38.00	0.49	0.42	0.00	0.00	0.00	14.58	15.08	52.0	0.0	0.290
39.00	0.48	0.42	0.00	0.00	0.00	14.53	15.03	52.0	0.0	0.289
40.00	0.48	0.43	0.00	0.00	0.00	14.49	14.99	52.0	0.0	0.288
41.00	0.48	0.43	0.00	0.00	0.00	14.44	14.94	52.0	0.0	0.287
42.00	0.47	0.43	0.00	0.00	0.00	14.39	14.89	52.0	0.0	0.286
42.96	0.47	0.43	0.00	0.00	0.00	14.35	14.84	52.0	0.0	0.285
43.00	0.47	0.43	0.00	0.00	0.00	14.21	14.70	52.0	0.0	0.283
44.00	0.47	0.43	0.00	0.00	0.00	14.16	14.65	52.0	0.0	0.282
45.00	0.46	0.43	0.00	0.00	0.00	14.11	14.59	52.0	0.0	0.281
46.00	0.46	0.43	0.00	0.00	0.00	14.06	14.54	52.0	0.0	0.280
47.00	0.45	0.43	0.00	0.00	0.00	14.01	14.48	52.0	0.0	0.279
48.00	0.45	0.43	0.00	0.00	0.00	13.95	14.42	52.0	0.0	0.277
49.00	0.44	0.43	0.00	0.00	0.00	13.90	14.36	52.0	0.0	0.276

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 33 Iterations

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

49.04	0.49	0.50	0.00	0.00	0.00	15.08	15.59	52.0	0.0	0.300
50.00	0.49	0.50	0.00	0.00	0.00	15.02	15.53	52.0	0.0	0.299
51.00	0.48	0.50	0.00	0.00	0.00	14.95	15.46	52.0	0.0	0.297
52.00	0.48	0.50	0.00	0.00	0.00	14.89	15.39	52.0	0.0	0.296
53.00	0.48	0.50	0.00	0.00	0.00	14.82	15.32	52.0	0.0	0.295
54.00	0.48	0.50	0.00	0.00	0.00	14.75	15.25	52.0	0.0	0.293
55.00	0.47	0.50	0.00	0.00	0.00	14.68	15.18	52.0	0.0	0.292
56.00	0.47	0.50	0.00	0.00	0.00	14.61	15.11	52.0	0.0	0.291
57.00	0.47	0.51	0.00	0.00	0.00	14.54	15.03	52.0	0.0	0.289
58.00	0.46	0.51	0.00	0.00	0.00	14.47	14.96	52.0	0.0	0.288
59.00	0.46	0.51	0.00	0.00	0.00	14.39	14.88	52.0	0.0	0.286
60.00	0.46	0.51	0.00	0.00	0.00	14.32	14.81	52.0	0.0	0.285
61.00	0.46	0.51	0.00	0.00	0.00	14.24	14.73	52.0	0.0	0.283
62.00	0.45	0.51	0.00	0.00	0.00	14.17	14.65	52.0	0.0	0.282
63.00	0.45	0.51	0.00	0.00	0.00	14.09	14.57	52.0	0.0	0.280
64.00	0.45	0.51	0.00	0.00	0.00	14.01	14.48	52.0	0.0	0.279
65.00	0.45	0.51	0.00	0.00	0.00	13.93	14.40	52.0	0.0	0.277
66.00	0.44	0.52	0.00	0.00	0.00	13.84	14.32	52.0	0.0	0.275
67.00	0.44	0.52	0.00	0.00	0.00	13.76	14.23	52.0	0.0	0.274
68.00	0.44	0.52	0.00	0.00	0.00	13.68	14.14	52.0	0.0	0.272
69.00	0.43	0.52	0.00	0.00	0.00	13.59	14.05	52.0	0.0	0.270
70.00	0.43	0.52	0.00	0.00	0.00	13.50	13.96	52.0	0.0	0.269
71.00	0.43	0.52	0.00	0.00	0.00	13.41	13.87	52.0	0.0	0.267
72.00	0.43	0.52	0.00	0.00	0.00	13.32	13.78	52.0	0.0	0.265
73.00	0.42	0.52	0.00	0.00	0.00	13.23	13.68	52.0	0.0	0.263
74.00	0.42	0.52	0.00	0.00	0.00	13.14	13.59	52.0	0.0	0.261
75.00	0.42	0.53	0.00	0.00	0.00	13.04	13.49	52.0	0.0	0.260
76.00	0.41	0.53	0.00	0.00	0.00	12.95	13.39	52.0	0.0	0.258
77.00	0.41	0.53	0.00	0.00	0.00	12.85	13.29	52.0	0.0	0.256
78.00	0.41	0.53	0.00	0.00	0.00	12.75	13.19	52.0	0.0	0.254
79.00	0.41	0.53	0.00	0.00	0.00	12.65	13.09	52.0	0.0	0.252
80.00	0.40	0.53	0.00	0.00	0.00	12.54	12.98	52.0	0.0	0.250
81.00	0.40	0.53	0.00	0.00	0.00	12.44	12.87	52.0	0.0	0.248
82.00	0.40	0.53	0.00	0.00	0.00	12.33	12.77	52.0	0.0	0.246
83.00	0.39	0.54	0.00	0.00	0.00	12.23	12.66	52.0	0.0	0.243
84.00	0.39	0.54	0.00	0.00	0.00	12.12	12.54	52.0	0.0	0.241
85.00	0.39	0.54	0.00	0.00	0.00	12.01	12.43	52.0	0.0	0.239
86.00	0.39	0.54	0.00	0.00	0.00	11.89	12.31	52.0	0.0	0.237
87.00	0.38	0.54	0.00	0.00	0.00	11.78	12.20	52.0	0.0	0.235
87.54	0.38	0.54	0.00	0.00	0.00	11.72	12.13	52.0	0.0	0.233
88.00	0.38	0.54	0.00	0.00	0.00	11.52	11.93	52.0	0.0	0.230
89.00	0.37	0.54	0.00	0.00	0.00	11.40	11.81	52.0	0.0	0.227
90.00	0.37	0.54	0.00	0.00	0.00	11.28	11.68	52.0	0.0	0.225
91.00	0.36	0.55	0.00	0.00	0.00	11.16	11.56	52.0	0.0	0.222
92.00	0.36	0.55	0.00	0.00	0.00	11.03	11.43	52.0	0.0	0.220
92.46	0.40	0.64	0.00	0.00	0.00	11.95	12.39	52.0	0.0	0.238
93.00	0.39	0.64	0.00	0.00	0.00	11.87	12.31	52.0	0.0	0.237
94.00	0.39	0.65	0.00	0.00	0.00	11.73	12.17	52.0	0.0	0.234
95.00	0.38	0.64	0.00	0.00	0.00	11.58	12.02	52.0	0.0	0.231
96.00	0.38	0.64	0.00	0.00	0.00	11.44	11.87	52.0	0.0	0.228
97.00	0.38	0.64	0.00	0.00	0.00	11.29	11.72	52.0	0.0	0.225
98.00	0.37	0.64	0.00	0.00	0.00	11.14	11.57	52.0	0.0	0.223
99.00	0.37	0.65	0.00	0.00	0.00	10.99	11.41	52.0	0.0	0.220
100.00	0.37	0.65	0.00	0.00	0.00	10.84	11.26	52.0	0.0	0.217
101.00	0.36	0.65	0.00	0.00	0.00	10.68	11.10	52.0	0.0	0.214
102.00	0.36	0.65	0.00	0.00	0.00	10.52	10.94	52.0	0.0	0.210
103.00	0.36	0.65	0.00	0.00	0.00	10.36	10.78	52.0	0.0	0.207

Pole : 302506
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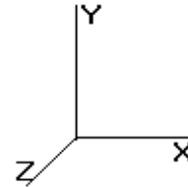
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Base Elev : 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

104.00	0.35	0.65	0.00	0.00	0.00	10.20	10.61	52.0	0.0	0.204
104.00	0.58	0.65	0.00	0.00	0.00	20.00	20.62	52.0	0.0	0.397
105.00	0.58	0.64	0.00	0.00	0.00	19.78	20.38	52.0	0.0	0.392
106.00	0.57	0.65	0.00	0.00	0.00	19.55	20.16	52.0	0.0	0.388
107.00	0.57	0.65	0.00	0.00	0.00	19.32	19.92	52.0	0.0	0.383
108.00	0.57	0.65	0.00	0.00	0.00	19.08	19.68	52.0	0.0	0.379
109.00	0.57	0.65	0.00	0.00	0.00	18.83	19.43	52.0	0.0	0.374
110.00	0.57	0.65	0.00	0.00	0.00	18.58	19.18	52.0	0.0	0.369
111.00	0.57	0.66	0.00	0.00	0.00	18.32	18.92	52.0	0.0	0.364
112.00	0.57	0.66	0.00	0.00	0.00	18.05	18.65	52.0	0.0	0.359
113.00	0.56	0.66	0.00	0.00	0.00	17.77	18.37	52.0	0.0	0.353
114.00	0.56	0.66	0.00	0.00	0.00	17.49	18.08	52.0	0.0	0.348
114.50	0.50	0.59	0.00	0.00	0.00	17.34	17.87	52.0	0.0	0.344
115.00	0.50	0.59	0.00	0.00	0.00	17.22	17.76	52.0	0.0	0.342
116.00	0.50	0.60	0.00	0.00	0.00	16.98	17.51	52.0	0.0	0.337
117.00	0.50	0.60	0.00	0.00	0.00	16.73	17.26	52.0	0.0	0.332
118.00	0.50	0.60	0.00	0.00	0.00	16.48	17.01	52.0	0.0	0.327
119.00	0.50	0.60	0.00	0.00	0.00	16.21	16.74	52.0	0.0	0.322
120.00	0.49	0.60	0.00	0.00	0.00	15.94	16.47	52.0	0.0	0.317
121.00	0.49	0.61	0.00	0.00	0.00	15.66	16.19	52.0	0.0	0.311
122.00	0.49	0.61	0.00	0.00	0.00	15.37	15.89	52.0	0.0	0.306
123.00	0.49	0.61	0.00	0.00	0.00	15.07	15.59	52.0	0.0	0.300
124.00	0.49	0.61	0.00	0.00	0.00	14.76	15.28	52.0	0.0	0.294
125.00	0.42	0.48	0.00	0.00	0.00	14.44	14.88	52.0	0.0	0.286
126.00	0.42	0.49	0.00	0.00	0.00	14.23	14.67	52.0	0.0	0.282
127.00	0.42	0.49	0.00	0.00	0.00	14.02	14.46	52.0	0.0	0.278
128.00	0.41	0.49	0.00	0.00	0.00	13.79	14.23	52.0	0.0	0.274
129.00	0.41	0.49	0.00	0.00	0.00	13.57	14.00	52.0	0.0	0.269
130.00	0.41	0.49	0.00	0.00	0.00	13.33	13.77	52.0	0.0	0.265
131.00	0.41	0.50	0.00	0.00	0.00	13.08	13.52	52.0	0.0	0.260
132.00	0.33	0.39	0.00	0.00	0.00	12.73	13.07	52.0	0.0	0.252
132.12	0.33	0.39	0.00	0.00	0.00	12.71	13.05	52.0	0.0	0.251
133.00	0.32	0.39	0.00	0.00	0.00	12.57	12.91	52.0	0.0	0.248
134.00	0.32	0.39	0.00	0.00	0.00	12.41	12.75	52.0	0.0	0.245
135.00	0.31	0.39	0.00	0.00	0.00	12.25	12.58	52.0	0.0	0.242
135.87	0.51	0.64	0.00	0.00	0.00	19.25	19.79	52.0	0.0	0.381
136.00	0.51	0.64	0.00	0.00	0.00	19.21	19.75	52.0	0.0	0.380
137.00	0.50	0.64	0.00	0.00	0.00	18.93	19.46	52.0	0.0	0.374
138.00	0.50	0.64	0.00	0.00	0.00	18.63	19.16	52.0	0.0	0.369
139.00	0.50	0.64	0.00	0.00	0.00	18.32	18.85	52.0	0.0	0.363
140.00	0.46	0.56	0.00	0.00	0.00	17.74	18.22	52.0	0.0	0.351
141.00	0.45	0.56	0.00	0.00	0.00	17.49	17.97	52.0	0.0	0.346
142.00	0.45	0.57	0.00	0.00	0.00	17.24	17.71	52.0	0.0	0.341
143.00	0.45	0.57	0.00	0.00	0.00	16.97	17.45	52.0	0.0	0.336
144.00	0.45	0.57	0.00	0.00	0.00	16.69	17.17	52.0	0.0	0.330
145.00	0.45	0.57	0.00	0.00	0.00	16.40	16.88	52.0	0.0	0.325
146.00	0.44	0.57	0.00	0.00	0.00	16.11	16.58	52.0	0.0	0.319
147.00	0.44	0.57	0.00	0.00	0.00	15.80	16.27	52.0	0.0	0.313
148.00	0.44	0.58	0.00	0.00	0.00	15.48	15.95	52.0	0.0	0.307
149.00	0.44	0.58	0.00	0.00	0.00	15.15	15.62	52.0	0.0	0.301
150.00	0.43	0.56	0.00	0.00	0.00	14.80	15.26	52.0	0.0	0.294
151.00	0.42	0.57	0.00	0.00	0.00	14.46	14.92	52.0	0.0	0.287
152.00	0.42	0.57	0.00	0.00	0.00	14.11	14.56	52.0	0.0	0.280
153.00	0.42	0.57	0.00	0.00	0.00	13.74	14.20	52.0	0.0	0.273
154.00	0.42	0.57	0.00	0.00	0.00	13.36	13.81	52.0	0.0	0.266
155.00	0.42	0.57	0.00	0.00	0.00	12.96	13.42	52.0	0.0	0.258
156.00	0.42	0.58	0.00	0.00	0.00	12.55	13.01	52.0	0.0	0.250

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)

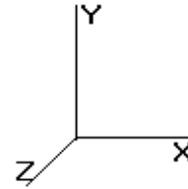
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Base Elev: 0.000 (ft)

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Load Case: Twist/Sway 50.00 mph Wind with No Ice 33 Iterations
 Gust Response Factor : 1.69
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

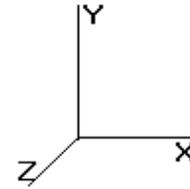
157.00	0.41	0.58	0.00	0.00	0.00	12.12	12.58	52.0	0.0	0.242
158.00	0.41	0.58	0.00	0.00	0.00	11.68	12.13	52.0	0.0	0.233
159.00	0.41	0.58	0.00	0.00	0.00	11.21	11.67	52.0	0.0	0.224
160.00	0.41	0.59	0.00	0.00	0.00	10.73	11.18	52.0	0.0	0.215
161.00	0.41	0.59	0.00	0.00	0.00	10.23	10.68	52.0	0.0	0.206
162.00	0.40	0.59	0.00	0.00	0.00	9.70	10.16	52.0	0.0	0.195
163.00	0.40	0.59	0.00	0.00	0.00	9.16	9.62	52.0	0.0	0.185
164.00	0.40	0.59	0.00	0.00	0.00	8.59	9.05	52.0	0.0	0.174
165.00	0.40	0.60	0.00	0.00	0.00	8.00	8.46	52.0	0.0	0.163
166.00	0.27	0.38	0.00	0.00	0.00	7.38	7.68	52.0	0.0	0.148
167.00	0.27	0.38	0.00	0.00	0.00	7.04	7.34	52.0	0.0	0.141
168.00	0.27	0.38	0.00	0.00	0.00	6.68	6.98	52.0	0.0	0.134
169.00	0.26	0.38	0.00	0.00	0.00	6.31	6.61	52.0	0.0	0.127
170.00	0.26	0.38	0.00	0.00	0.00	5.93	6.22	52.0	0.0	0.120
171.00	0.26	0.39	0.00	0.00	0.00	5.52	5.82	52.0	0.0	0.112
172.00	0.26	0.39	0.00	0.00	0.00	5.10	5.40	52.0	0.0	0.104
173.00	0.26	0.39	0.00	0.00	0.00	4.66	4.96	52.0	0.0	0.095
174.00	0.26	0.39	0.00	0.00	0.00	4.20	4.50	52.0	0.0	0.087
175.00	0.25	0.39	0.00	0.00	0.00	3.71	4.02	52.0	0.0	0.077
176.00	0.25	0.39	0.00	0.00	0.00	3.21	3.52	52.0	0.0	0.068
177.00	0.25	0.39	0.00	0.00	0.00	2.67	3.00	52.0	0.0	0.058
178.00	0.25	0.40	0.00	0.00	0.00	2.12	2.46	52.0	0.0	0.047
179.00	0.25	0.40	0.00	0.00	0.00	1.53	1.91	52.0	0.0	0.037
180.00	0.00	0.37	0.00	0.00	0.00	0.92	1.12	52.0	0.0	0.022

Pole : 302506
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Base Elev : 0.000 (ft)

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Analysis Summary

Load Case	Reactions						Combined Stress (ksi)	Max Stresses		
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)		Allowable Stress (ksi)	Elev (ft)	Stress Ratio
No Ice	36.0	0.00	53.24	0.00	0.00	4253.24	51.59	52.0	104.00	0.993
Ice	30.4	0.00	67.90	0.00	0.00	3741.21	47.30	52.0	104.00	0.910
Twist/Sway	14.0	0.00	53.25	0.00	0.00	1663.87	20.62	52.0	104.00	0.397

Additional Steel Summary

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
			VQ/I (lb/in)	Shear Applied (kips)	Shear Allow (kips)	MQ/I (kips)	Allow (kips)	Num Reqd	Num Actual	MQ/I (kips)	Allow (kips)	Num Reqd	Num Actual	fb (ksi)	Fb (ksi)	Ratio
0.00	104.	(4) SOL-#20 All Thre	326.3	9.8	12.9	153.3	8.1	19	24	0.0	8.1	0	0	47.4	57.8	0.820

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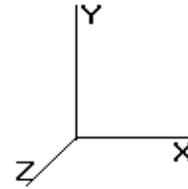
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Base Elev : 0.000 (ft)

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Base Summary

Reactions

Original Design			Analysis			Moment Design %
Moment (kip-ft)	Axial (kip)	Shear (kip)	Moment (kip-ft)	Axial (kip)	Shear (kip)	
3,377.90	34.30	28.38	4,253.24	67.90	35.96	125.91

Base Plate

Yield (ksi)	Thick (in)	Width (in)	Style	Poly Sides	Clip Len (in)	Effective Len (in)	Moment (kip-in)	Allow Stress (ksi)	Applied Stress (ksi)	Stress Ratio
60.0	2.000	68.000	Round	0	0.00	10.464	971.46	59.99	139.26	2.32

Anchor Bolts

Bolt Circle	Num Bolts	Bolt Type	Bolt Dia (in)	Yield (ksi)	Ultimate (ksi)	Arrange	Cluster Dist (in)	Start Angle (deg)	Compression			Tension		
									Force (kip)	Allow (kip)	Ratio	Force (kip)	Allow (kip)	Ratio
62.00	16	2.25" 18J	2.25	75.00	100.00	Radial	0.00	0.0	210.05	194.98	1.08	201.56	194.98	1.03

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	52.75 in
	Pole Thickness	0.4375 in
	Plate Diameter	68 in
	Plate Thickness	2 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	Allowable	2353.95 k-in
	Applied	468.39 k-in
	#	16
Stiffeners	Thickness	0.75 in
	Length	6 in
	Height	15 in
	Chamfer	1 in
	Offset Angle	0°
	Fy	50 ksi

Code Rev. **F**
A.S.I. **1.33**
Moment **4058.5 k-ft**
Axial **66.2 k**

Date **12/11/2013**
Engineer **HJH**
Site # **302506**
Carrier **T-Mobile**

Bolts	#	16
	Bolt Circle (R)adial / (S)quare	62 in R
	Diameter	2.25 in
	Hole Diameter	2.375 in
	Type	A615-75
	Fy	75 ksi
	Fu	100 ksi
	Allowable	194.86 k
	Applied	149.88 k
	Reinforcement	#
DYW. Circle		59.375 in
Offset Angle		85°
Type		#20
Diameter		2.5 in
Fu	100 ksi	
Extra Bolts	#	0

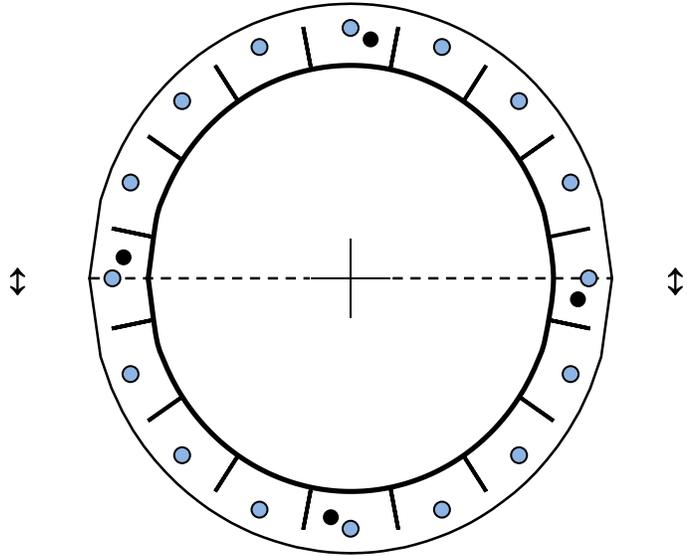
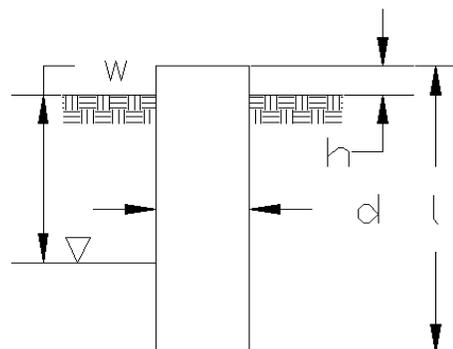


Plate Stress Ratio:
0.20 (Pass)

Bolt Stress Ratio:
0.77 (Pass)

Site Name: Winchester CT 3, CT
 Site Number: 302506
 Engineer: S. Wigau
 Engineering Number: 55426921
 Date: 12/12/13

Program Last Updated: 4/28/2013
 American Tower Corporation



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

Analyze or Design a Foundation? Analyze
 Foundation Mapped: N
 Moment (M): 4058.5 k-ft
 Shear/Leg (V): 34.6 k
 Axial Load (P): 66.2 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

Engineer Notes

Soil Mechanical Properties

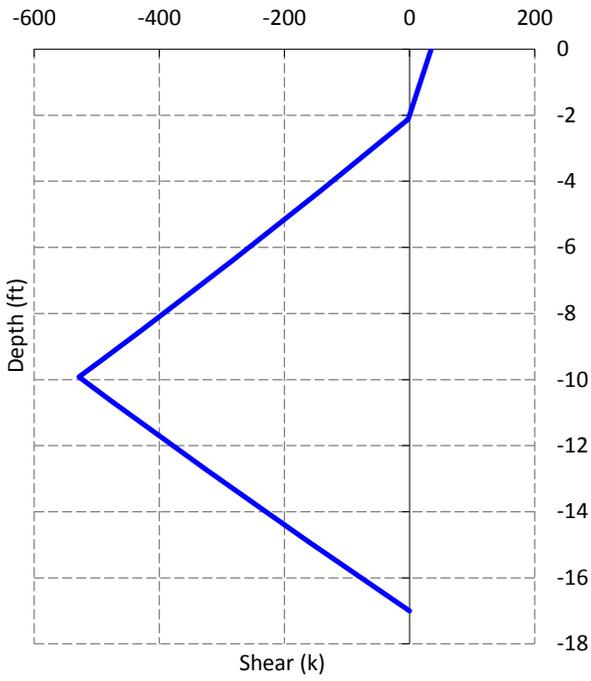
Depth (ft)		γ_{Soil}	Cohesion	ϕ	Ultimate Skin	Ultimate Bearing
Top	Bottom	(pcf)	(psf)	(degree)	Friction (psf)	Pressure (psf)
0.0	2.0	150	0	0	0	0
2.0	18.0	150	3550	0	0	12000

Required Embedment: 15.1 ft - OK, Caisson Embedment Satisfactory
 Volume of Concrete: 692.7 ft³ = 25.7 yd³
 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
 Nominal Uplift Capacity per Leg ($\phi_s T_n$): 77.9 k
 Nominal Compressive Capacity per Leg ($\phi_s P_n$): 346.4 k
 P_u : 66.2 k
 $T_u / \phi_s T_n$: 0.00 Result: OK
 $P_u / \phi_s P_n$: 0.19 Result: OK
 Total Lateral Resistance: 2911.7 k
 Inflection Point (Below Ground Surface): 9.9 ft
 Design Overturning Moment At Inflection Point (M_D): 4436.3 k-ft
 Nominal Moment Capacity ($\phi_s M_n$): 8124.4 k-ft
 $M_D / \phi_s M_n$: 0.55 Result: OK
 ϕ_s : 0.75

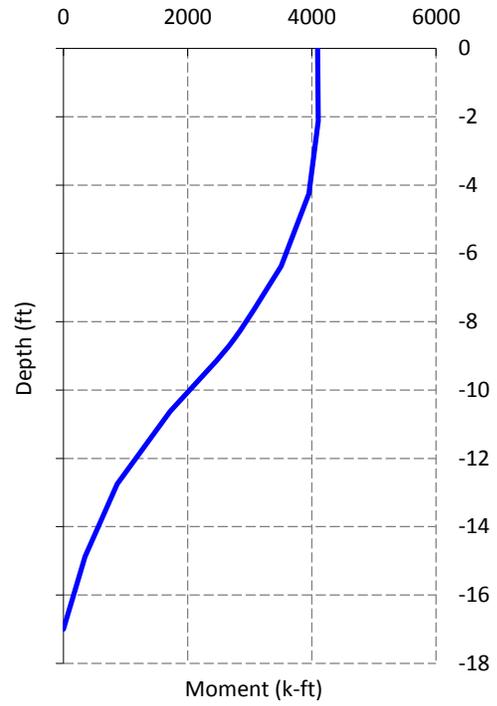
Caisson Strength Capacity

Concrete Compressive Strength (f'_c):	4000 psi
Vertical Steel Rebar Size #:	11
Vertical Steel Rebar Area:	1.56 in ²
# of Vertical Steel Rebars:	48
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:	18.0 in
Horizontal Tie / Stirrup Steel Yield Strength (F_y):	40 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
Steel Elastic Modulus:	29000 ksi
Design Moment (M_u):	4104.1 k-ft
Nominal Moment Capacity ($\phi_B M_n$):	12522.7 k-ft - ACI318-005 - 10.2
$M_u/\phi_B M_n$:	0.33 Result: OK
Design Shear (V_u):	528.5 k
Nominal Shear Capacity ($\phi_V V_n$):	528.9 k - ACI318-05 - 11.3.1.1 or 11.5.7.2
$V_u/\phi_V V_n$:	1.00 Result: OK
Design Tension (T_u):	0.0 k
Nominal Tension Capacity ($\phi_T T_n$):	4043.5 k - ACI318-05 - 10.2
$T_u/\phi_T T_n$:	0.00 Result: OK
Design Compression (P_u):	66.2 k
Nominal Compression Capacity ($\phi_P P_n$):	9665.5 k - ACI318-05 - 10.3.6.2
$P_u/\phi_P P_n$:	0.01 Result: OK
Bending Reinforcement Ratio:	0.014 ACI318-05 - 10.8.4 & 10.9.1
$M_u/\phi_B M_n + T_u/\phi_T T_n$:	0.33 Result: OK

Design Factored Shear / Depth



Design Factored Moment / Depth



Nominal and Factored Moment Capacity and Factored Design Loads

