

**METROPCS MASSACHUSETTS, LLC NOTICE OF INTENT TO MODIFY
AN EXISTING TELECOMMUNICATIONS FACILITY AT
77 PEASE ROAD, WOODBRIDGE, CONNECTICUT**

Pursuant to the Public Utility Environmental Standards Act, Connecticut General Statutes § 16-50g et. Seq. (“PUESA”), and Sections 16-50j-72(b) and 16-50j-73 of the Regulations of Connecticut State Agencies (“R.C.S.A”) adopted pursuant to the PUESA, Metro PCS, Inc., by and through its agent MetroPCS Massachusetts, LLC (“MetroPCS”) and as successor in interest to Pocket Communications hereby notifies the Connecticut Siting Council of its intent to modify an existing facility located at 77 Pease Road, Woodbridge, CT, Connecticut. The telecommunications facility is owned by Kenneth W. Johnson and leased to MetroPCS.

MetroPCS’ Proposed Wireless Modifications

MetroPCS as successor in interest to Pocket Communications achieved an initial exempt modification approval from the Siting Council to install antennas and related ground equipment on October 10, 2008. The facility consists of a One-Hundred and fifty six (156’) foot high Monopole telecommunications tower (the “Tower”) within a fenced compound. MetroPCS now intends to modify the facility as shown on the enclosed plans prepared by Advanced Engineering Group and annexed hereto as Exhibit 1. The modifications will consist of removing three (3) existing antennas and replacing them with six (6) new antennas at an AGL of 130’. Also, adding one (1) hybridflex line. On the ground MetroPCS will be pouring a new concrete pad within existing 9’ x 10’ lease area. Metro also proposes to swap one (1) CDMA cabinet for one (1) new equipment cabinet within existing lease area located within fenced area and will also add one (1) battery cabinet inside existing lease area. One GPS antenna to be added to existing cable bridge. A structural analysis has been completed for the site. Please see report attached in exhibit 3.

In accordance with R.C.S.A Section 16-50j-73, a copy of this submission is being sent to the Town of Woodbridge. A copy of this submission is also being sent to Kenneth W. Johnson, the property owner on which the tower is located.

MetroPCS’ Proposed Wireless Modifications Constitutes An “Exempt Modification”

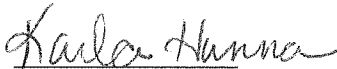
The proposed modification to the Woodbridge Ct 1, CT Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

- 1) The proposed modifications will be to swap the existing MetroPCS antennas at the same AGL of 130’ and to swap one (1) cabinet on ground and add one battery cabinet inside existing compound. This installation will not result in an increase in the height of the existing tower.
- 2) The proposed modifications will not require expansion of the site boundaries.
- 3) The proposed modifications will not increase noise levels at the facility by six decibels or more.

- 4) MetroPCS' proposed facility will not increase the cumulative radio frequency electromagnetic radiation power density at the Tower site's boundary to or above the standard adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes and MPE limits established by the Federal Communications Commission. A cumulative General Power Density table for MetroPCS' proposed modified facility is included as Exhibit 2.

For all the foregoing reasons, MetroPCS' respectfully submits that the proposed modifications to the above-referenced telecommunications facility constitutes an exempt modification under R.C.S.A Section 16-50j-72(b)(2)

Respectfully submitted,



Karla Hanna (978) 852-7520

On behalf of MetroPCS Massachusetts, LLC
c/o Tower Resource Management, Inc.
16 Chestnut Street, Suite 220
Foxboro, MA 02035

cc: **Town of Woodbridge, CT**
Kenneth W. Johnson

Exhibit 1

Site Plan

PROJECT INFORMATION

SCOPE OF WORK: UNMANNED TELECOMMUNICATIONS FACILITY MODIFICATIONS
 SITE ADDRESS: 77 PEASE ROAD
 WOODBRIDGE, CT 06525
 LATITUDE: 41.341394
 LONGITUDE: -72.993605
 JURISDICTION: NATIONAL, STATE & LOCAL CODES OR ORDINANCES
 CURRENT USE: TELECOMMUNICATIONS FACILITY
 PROPOSED USE: TELECOMMUNICATIONS FACILITY
 DESIGN GUIDELINE: 5A

SITE NAME: ATXC WOODBRIDGE MONOPOLE

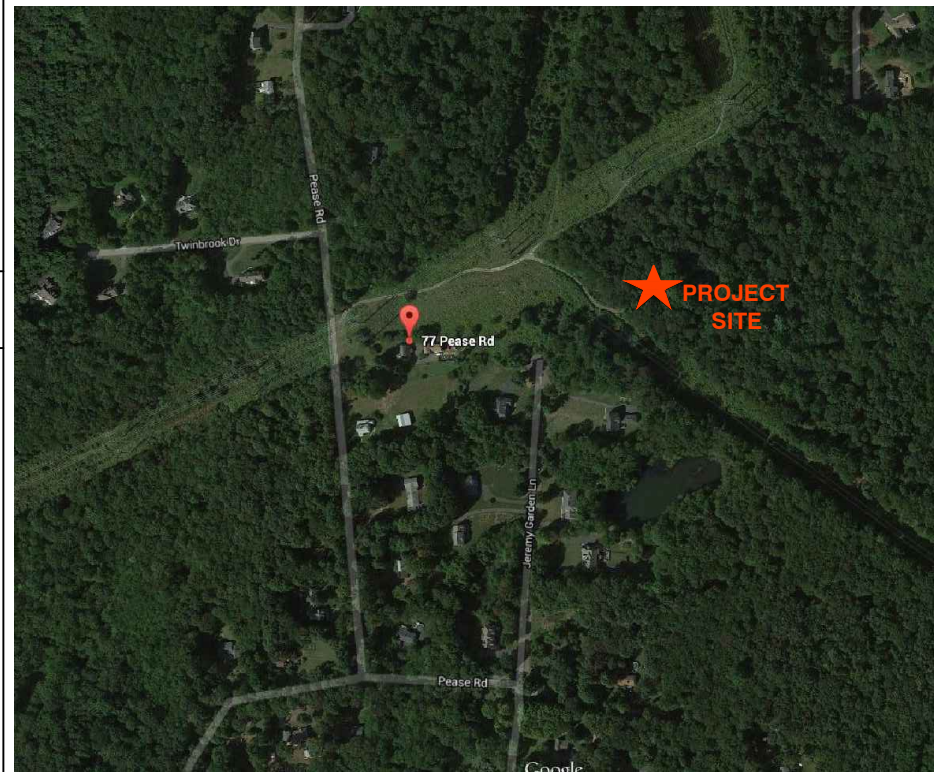
77 PEASE ROAD
 WOODBRIDGE, CT 06525
 NEW HAVEN COUNTY
 SITE NUMBER: NHC0435A
 (CTNH521)

DRAWING INDEX

REV

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LOCUS MAP

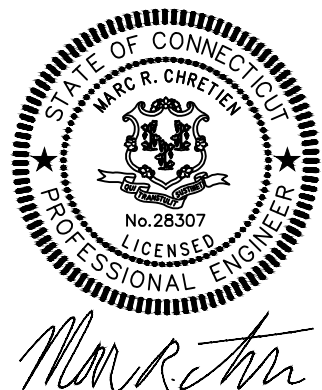


GENERAL NOTES

- THIS DOCUMENT IS THE CREATION, DESIGN, PROPERTY AND COPYRIGHTED WORK OF T-MOBILE NORTHEAST, LLC. ANY DUPLICATION OR USE WITHOUT EXPRESS WRITTEN CONSENT IS STRICTLY PROHIBITED. DUPLICATION AND USE BY GOVERNMENT AGENCIES FOR THE PURPOSES OF CONDUCTING THEIR LAWFULLY AUTHORIZED REGULATORY AND ADMINISTRATIVE FUNCTIONS IS SPECIFICALLY ALLOWED.
- THE FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
- CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE T-MOBILE REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SIGNATURES

CONSTRUCTION	DATE	OPERATIONS	DATE
RF ENGINEERING	DATE	LAND OWNER	DATE
ZONING / SITE ACQ.	DATE		



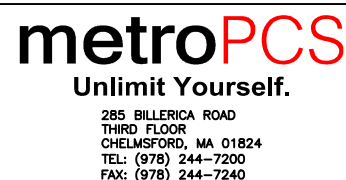
CALL



BEFORE YOU DIG

CALL TOLL FREE 811 OR 888-DIG-SAFE

UNDERGROUND SERVICE ALERT



SITE NUMBER: NHC0435A
SITE NAME: ATC WOODBRIDGE MONOPOLE
 77 PEASE ROAD
 WOODBRIDGE, CT 06525
 NEW HAVEN COUNTY

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	08/20/14	ISSUED FOR CONSTRUCTION	JTG	SNA	SNA
0	08/11/14	ISSUED FOR REVIEW	JTG	SNA	SNA

SCALE: AS SHOWN DESIGNED BY: SNA DRAWN BY: JTG

MetroPCS

TITLE SHEET

JOB NUMBER	DRAWING NUMBER	REV
NHC0435A	T-1	1

GENERAL NOTES

1. 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.

2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT 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.

3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE LESEE/LICENSEE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.

4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.

5. 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.

6. 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.

7. 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.

8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.

9. 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 THE CONTRACT.

10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.

12. 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.

13. 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 THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

14. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.

15. THE CONTRACTOR SHALL NOTIFY THE LESEE/LICENSEE 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 LESEE/LICENSEE REPRESENTATIVE.

16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.

17. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233 CALL BEFORE YOU DIG (CT): 1-800-922-4455

18. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS SHOWN HEREIN.

19. ALL DIMENSIONS SHOWN THUS ± ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WHICH EFFECT THE CONTRACTORS WORK. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH PROJECT OWNER PRIOR TO CONSTRUCTION.

20. NORTH ARROW SHOWN ON PLANS REFERS TO APPROXIMATE TRUE NORTH. PRIOR TO THE START OF CONSTRUCTION, ORDERING OR FABRICATING OF ANTENNA MOUNTS, CONTRACTOR SHALL CONSULT WITH PROJECT OWNER'S RF ENGINEER AND FIELD VERIFY ALL ANTENNA SECTOR LOCATIONS AND ANTENNA AZIMUTHS.

21. THE CONTRACTOR AND OR HIS SUB CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.

22. ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES AND SUPPORT STRUCTURES.

23. COAXIAL CABLE CONNECTORS AND TRANSMITTER EQUIPMENT SHALL BE PROVIDED BY THE PROJECT OWNER AND IS NOT INCLUDED IN THESE CONSTRUCTION DOCUMENTS. A SCHEDULE OF PROJECT OWNER SUPPLIED MATERIALS IS ATTACHED TO THE BID DOCUMENTS (SEE EXHIBIT 3). ALL OTHER HARDWARE TO BE PROVIDED BY THE CONTRACTOR. CONNECTION HARDWARE SHALL BE STAINLESS STEEL.

24. WHEN "PAINT TO MATCH" IS SPECIFIED FOR ANTENNA CONCEALMENT, PAINT PRODUCT FOR ANTENNA RADOME SHALL BE SHERWIN WILLIAMS COROTHANE II. SURFACE PREPARATION AND APPLICATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS AND PROJECT OWNER'S GUIDELINE'S.

25. COORDINATION, LAYOUT, AND FURNISHING OF CONDUIT, CABLE AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

26. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.

27. ALL (E)ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW.

28. ALL (E)INACTIVE SEWER, WATER, GAS, ELECTRIC AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF UTILITY COMPANY ENGINEERING. THE AREAS OF THE PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE EQUIPMENT, DRIVEWAY OR

29. GRAVEL, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED AND COVERED WITH MULCH UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN SOIL EROSION AND SEDIMENTATION CONTROLS AT ALL TIMES

30. DURING CONSTRUCTION. PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS

31. FOR WIRELESS COMMUNICATIONS SYSTEMS. PROJECT OWNER'S IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.

32. APPLICABLE BUILDING CODES: SUBCONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

BUILDING CODE:
2009 INTERNATIONAL BUILDING CODE
2005 CT STATE BUILDING CODE
ELECTRICAL CODE: NEC 2014
LIGHTING CODE: NEC 2014

SUBCONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

AMERICAN CONCRETE INSTITUTE (ACI) 318; BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE;

AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC)

MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION;

TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL

ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES; REFER TO ELECTRICAL DRAWINGS FOR SPECIFIC ELECTRICAL STANDARDS.

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

ELECTRICAL AND GROUNDING NOTES

1. ALL ELECTRICAL WORK SHALL CONFORM TO THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (NEC) AS WELL AS APPLICABLE STATE AND LOCAL CODES.

2. ALL ELECTRICAL ITEMS SHALL BE U.L. APPROVED OR LISTED AND PROCURED PER SPECIFICATION REQUIREMENTS.

3. THE ELECTRICAL WORK INCLUDES ALL LABOR AND MATERIAL DESCRIBED BY DRAWINGS AND SPECIFICATION INCLUDING INCIDENTAL WORK TO PROVIDE COMPLETE OPERATING AND APPROVED ELECTRICAL SYSTEM.

4. GENERAL CONTRACTOR SHALL PAY FEES FOR PERMITS, AND IS RESPONSIBLE FOR OBTAINING SAID PERMITS AND COORDINATION OF INSPECTIONS.

5. ELECTRICAL AND TELCO WIRING OUTSIDE A BUILDING AND EXPOSED TO WEATHER SHALL BE IN WATER TIGHT GALVANIZED RIGID STEEL CONDUITS OR SCHEDULE 80 PVC (AS PERMITTED BY CODE) AND WHERE REQUIRED IN LIQUID TIGHT FLEXIBLE METAL OR NONMETALLIC CONDUITS.

6. BURIED CONDUIT SHALL BE SCHEDULE 40 PVC.

7. ELECTRICAL WIRING SHALL BE COPPER WITH TYPE XHHW, THWN, OR THHN INSULATION.

8. RUN ELECTRICAL CONDUIT OR CABLE BETWEEN ELECTRICAL UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE PPC AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE. COORDINATE INSTALLATION WITH UTILITY COMPANY.

9. RUN TELCO CONDUIT OR CABLE BETWEEN TELEPHONE UTILITY DEMARCATION POINT AND PROJECT OWNER CELL SITE TELCO CABINET AND BTS CABINET AS INDICATED ON THIS DRAWING. PROVIDE FULL LENGTH PULL ROPE AND GREENLEE CONDUIT MEASURING TAPE IN EACH INSTALLED TELCO CONDUIT.

10. WHERE CONDUIT BETWEEN BTS AND PROJECT OWNER CELL SITE PPC AND BETWEEN BTS AND PROJECT OWNER CELL SITE TELCO SERVICE CABINET ARE UNDERGROUND USE PVC, SCHEDULE 40 CONDUIT. ABOVE THE GROUND PORTION OF THESE CONDUITS SHALL BE PVC CONDUIT.

11. ALL EQUIPMENT LOCATED OUTSIDE SHALL HAVE NEMA 3R ENCLOSURE.

12. PPC SUPPLIED BY PROJECT OWNER.

13. GROUNDING SHALL COMPLY WITH NEC ART. 250. ADDITIONALLY, GROUNDING, BONDING AND LIGHTNING PROTECTION SHALL BE DONE IN ACCORDANCE WITH "T-MOBILE BTS SITE GROUNDING STANDARDS".

14. GROUND COAXIAL CABLE SHIELDS MINIMUM AT BOTH ENDS USING MANUFACTURERS COAX CABLE GROUNDING KITS SUPPLIED BY PROJECT OWNER.

15. USE #6 COPPER STRANDED WIRE WITH GREEN COLOR INSULATION FOR ABOVE GRADE GROUNDING (UNLESS OTHERWISE SPECIFIED) AND #2 SOLID TINNED BARE COPPER WIRE FOR BELOW GRADE GROUNDING AS INDICATED ON THE DRAWING.

16. ALL GROUND CONNECTIONS TO BE BURNDY HYGROUND COMPRESSION TYPE CONNECTORS OR CADWELD EXOTHERMIC WELD. DO NOT ALLOW BARE COPPER WIRE TO BE IN CONTACT WITH GALVANIZED STEEL.

17. ROUTE GROUNDING CONDUCTORS ALONG THE SHORTEST AND STRAIGHTEST PATH POSSIBLE, EXCEPT AS OTHERWISE INDICATED. GROUNDING LEADS SHOULD NEVER BE BENT AT RIGHT ANGLE. ALWAYS MAKE AT LEAST 12" RADIUS BENDS. #6 WIRE CAN BE BENT AT 6" RADIUS WHEN NECESSARY. BOND ANY METAL OBJECTS WITHIN 6 FEET OF PROJECT OWNER EQUIPMENT OR CABINET TO MASTER GROUND BAR OR GROUNDING RING.

18. CONNECTIONS TO GROUND BARS SHALL BE MADE WITH TWO HOLE COMPRESSION TYPE COPPER LUGS. APPLY OXIDE INHIBITING COMPOUND TO ALL LOCATIONS.

19. BOND ANTENNA MOUNTING BRACKETS, COAXIAL CABLE GROUND KITS, AND ALNA TO EGB PLACED NEAR THE ANTENNA LOCATION.

20. APPLY OXIDE INHIBITING COMPOUND TO ALL COMPRESSION TYPE GROUND CONNECTIONS.

21. CONTRACTOR SHALL PROVIDE AND INSTALL OMNI DIRECTIONAL ELECTRONIC MARKER SYSTEM (EMS) BALLS OVER EACH GROUND ROD AND BONDING POINT BETWEEN EXISTING TOWER/ (E) MONOPOLE GROUNDING RING AND EQUIPMENT GROUNDING RING.

22. CONTRACTOR SHALL TEST COMPLETED GROUND SYSTEM AND RECORD RESULTS FOR PROJECT CLOSE-OUT DOCUMENTATION. 5 OHMS MAXIMUM RESISTANCE REQUIRED.

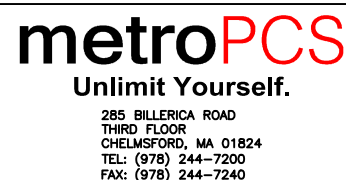
23. CONTRACTOR SHALL CONDUCT ANTENNA, COAX, AND LNA RETURN-LOSS AND DISTANCE- TO-FAULT MEASUREMENTS (SWEEP TESTS) AND RECORD RESULTS FOR PROJECT CLOSE OUT.



Marc R. Chretien

ABBREVIATIONS

AGL	ABOVE GRADE LEVEL	G.C.	GENERAL CONTRACTOR	RF	RADIO FREQUENCY
AWG	AMERICAN WIRE GAUGE	MGB	MASTER GROUND BUS		
BCW	BARE COPPER WIRE	MIN	MINIMUM	TBD	TO BE DETERMINED
BTS	BASE TRANSCEIVER STATION	(P)	PROPOSED/NEW	TBR	TO BE REMOVED
(E)	EXISTING	N.T.S.	NOT TO SCALE	TBR	TO BE REMOVED AND REPLACED
EG	EQUIPMENT GROUND	REF	REFERENCE		
EGR	EQUIPMENT GROUND RING	REQ	REQUIRED	TYP	TYPICAL
(F)	FUTURE				



SITE NUMBER: NHC0435A
SITE NAME: ATC WOODBRIDGE MONOPOLE
77 PEASE ROAD
WOODBRIDGE, CT 06525
NEW HAVEN COUNTY

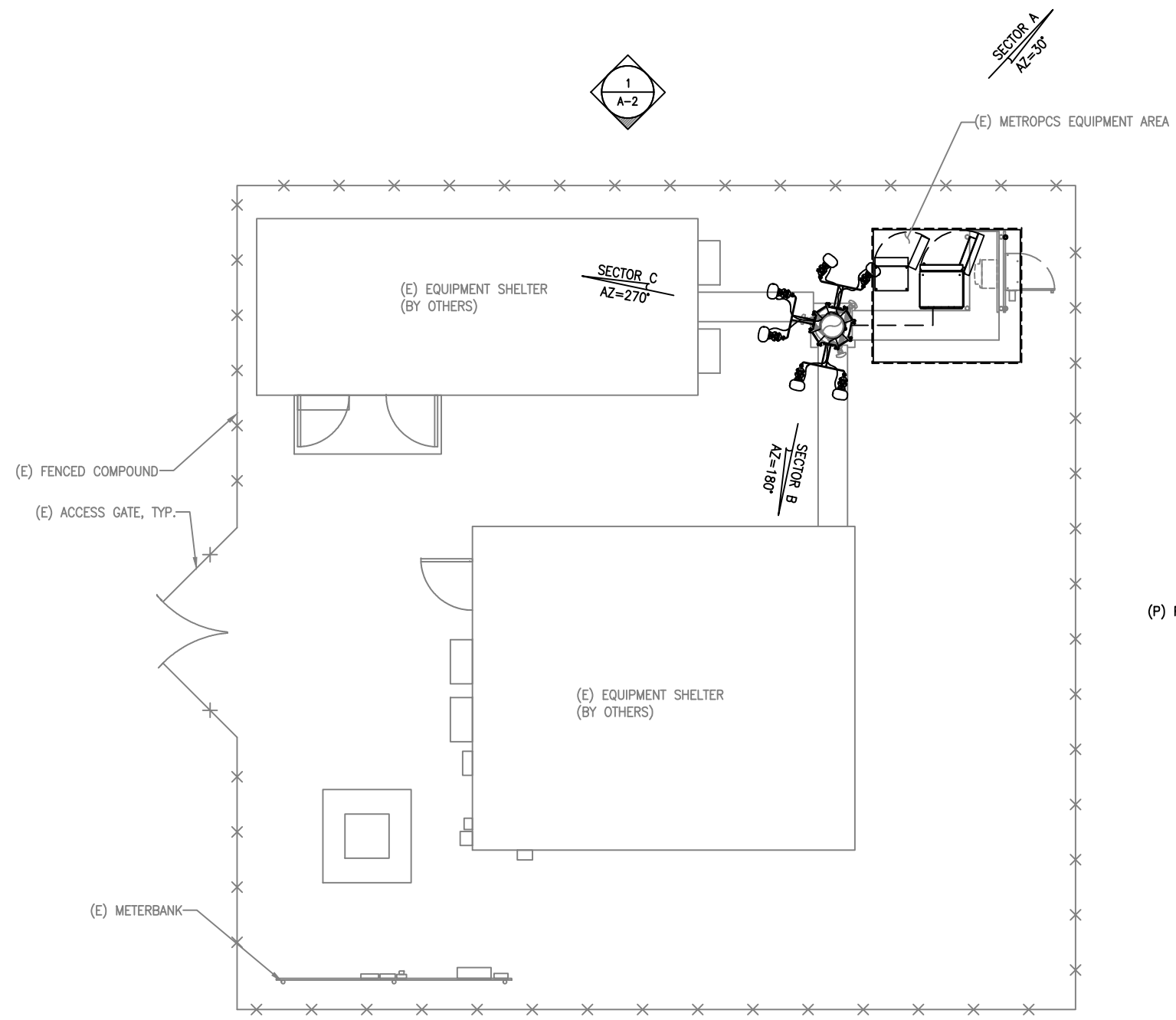
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NO.	DATE	REVISIONS	BY	CHK	APP'D
		SCALE: AS SHOWN	DESIGNED BY: SNA	DRAWN BY: JTG	

MetroPCS

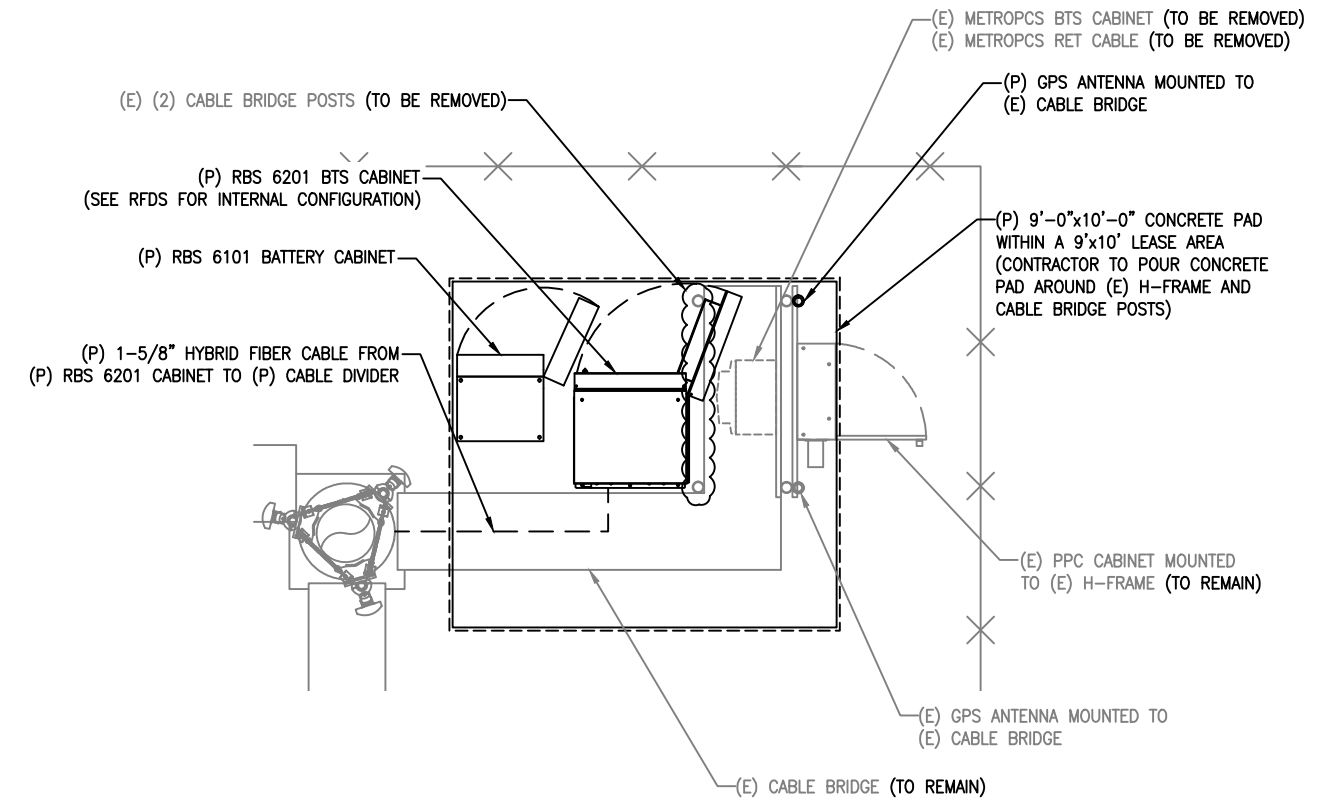
GN-1

JOB NUMBER	DRAWING NUMBER	REV
NHC0435A	GENERAL NOTES	1

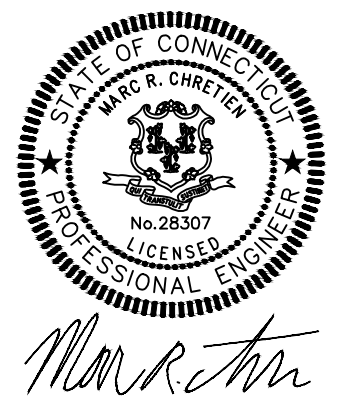
- NOTE:
1. A SITE VISIT/SURVEY WAS NOT CONDUCTED BY ADVANCED ENGINEERING GROUP, P.C. SITE INFORMATION AND PLANS ARE BASED UPON INFORMATION PROVIDED BY CLIENT
 2. AN ANALYSIS FOR THE CAPACITY OF THE EXISTING STRUCTURE TO SUPPORT THE PROPOSED EQUIPMENT SHALL BE CONDUCTED PRIOR TO CONSTRUCTION (BY OTHERS.) AEG HAS NOT CONDUCTED A STRUCTURAL ANALYSIS.



COMPOUND PLAN
 SCALE: 1"=10'-0"
 TRUE NORTH

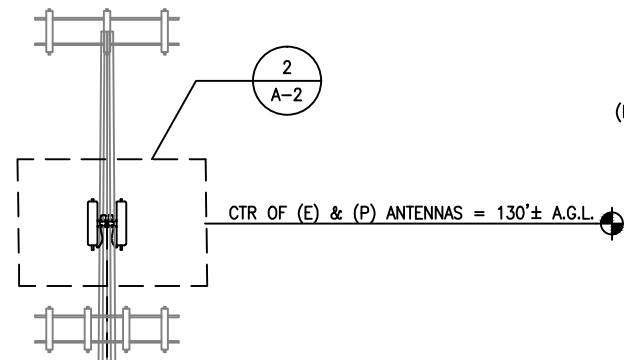


EQUIPMENT PLAN
 SCALE: 1"=5'-0"
 TRUE NORTH



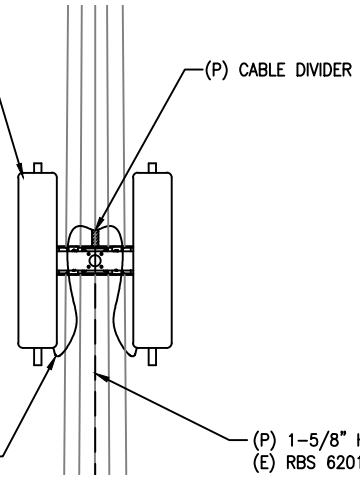
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SCALE: AS SHOWN DESIGNED BY: SNA DRAWN BY: JTG



(P) AIR21 ANTENNAS (2 PER SECTOR, TOTAL OF 6) MOUNTED TO (P) ANTENNA MOUNT ASSEMBLY (SEE RFDS FOR FINAL EQUIPMENT CONFIGURATION)

CTR OF (E) & (P) ANTENNAS = 130'± A.G.L.



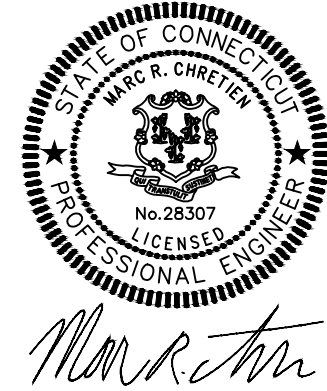
(P) FIBER/DC JUMPERS FROM (P) CABLE DIVIDER TO (P) ANTENNAS

(P) 1-5/8" HYBRID FIBER CABLE FROM (E) RBS 6201 CABINET TO (P) CABLE DIVIDER

ENLARGED ELEVATION

SCALE: 1"=5'-0"

2
A-2

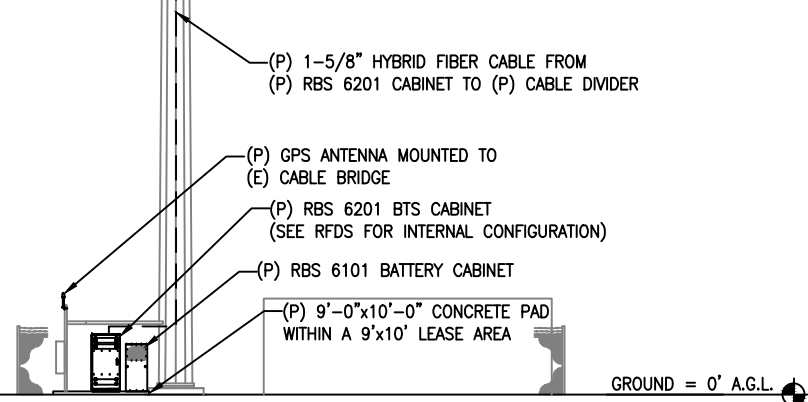


EXISTING ANTENNA SCHEDULE

SECTOR	MAKE	MODEL#	SIZE (INCHES)
SECTOR A:	RFS	APXV18-206517S	6.65x3.15x72
SECTOR B:	RFS	APXV18-206517S	6.65x3.15x72
SECTOR C:	RFS	APXV18-206517S	6.65x3.15x72

PROPOSED ANTENNA SCHEDULE

SECTOR	MAKE	MODEL#	SIZE (INCHES)
SECTOR A:	ERICSSON	AIR21 B2A/B4P	12X8X56
	ERICSSON	AIR21 B4A/B2P	12X8X56
SECTOR B:	ERICSSON	AIR21 B2A/B4P	12X8X56
	ERICSSON	AIR21 B4A/B2P	12X8X56
SECTOR C:	ERICSSON	AIR21 B2A/B4P	12X8X56
	ERICSSON	AIR21 B4A/B2P	12X8X56



(P) 1-5/8" HYBRID FIBER CABLE FROM (P) RBS 6201 CABINET TO (P) CABLE DIVIDER

(P) GPS ANTENNA MOUNTED TO (E) CABLE BRIDGE

(P) RBS 6201 BTS CABINET (SEE RFDS FOR INTERNAL CONFIGURATION)

(P) RBS 6101 BATTERY CABINET

(P) 9'-0"x10'-0" CONCRETE PAD WITHIN A 9'x10' LEASE AREA

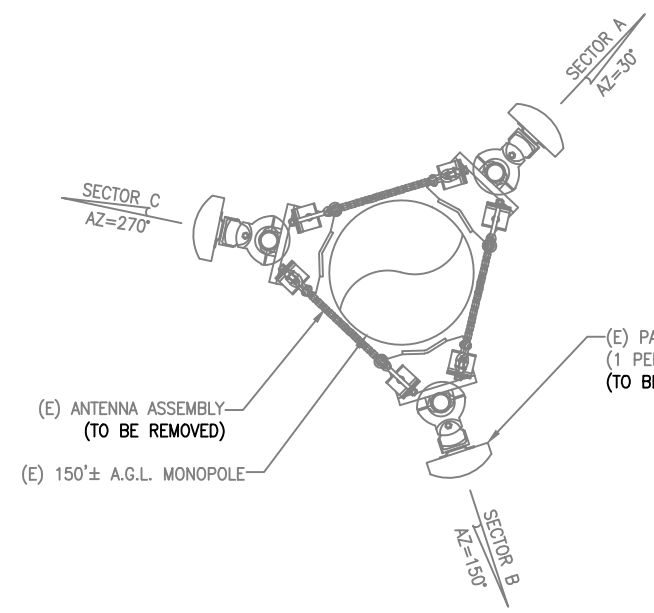
GROUND = 0' A.G.L.

ELEVATION

SCALE: 1"=20'-0"



1
A-2



(E) ANTENNA ASSEMBLY (TO BE REMOVED)

(E) 150'± A.G.L. MONOPOLE

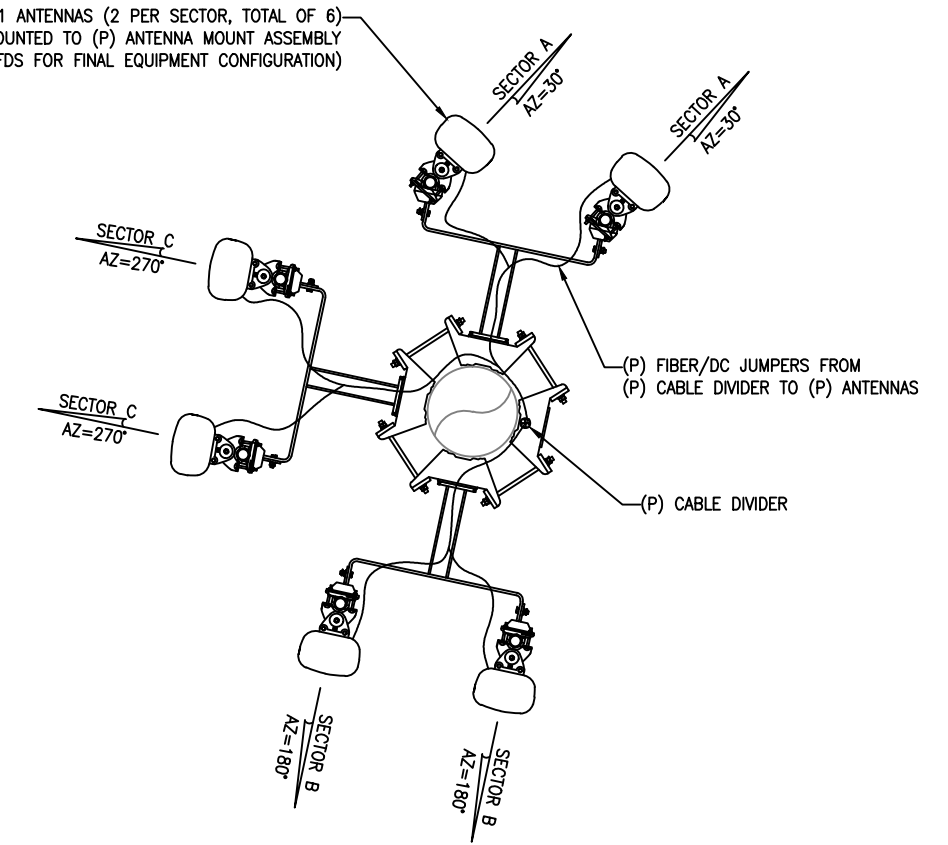
(E) PANEL ANTENNA (1 PER SECTOR, TOTAL OF 3) (TO BE REMOVED)

EXISTING ANTENNA PLAN

SCALE: N.T.S.

3
A-2

(P) AIR21 ANTENNAS (2 PER SECTOR, TOTAL OF 6) MOUNTED TO (P) ANTENNA MOUNT ASSEMBLY (SEE RFDS FOR FINAL EQUIPMENT CONFIGURATION)



(P) FIBER/DC JUMPERS FROM (P) CABLE DIVIDER TO (P) ANTENNAS

(P) CABLE DIVIDER

PROPOSED ANTENNA PLAN

SCALE: N.T.S.

4
A-2



metroPCS
Unlimit Yourself.
285 BILLERICA ROAD
THIRD FLOOR
CHELMSFORD, MA 01824
TEL: (978) 244-7200
FAX: (978) 244-7240

SITE NUMBER: NHC0435A
SITE NAME: ATC WOODBRIDGE MONOPOLE
77 PEASE ROAD
WOODBRIDGE, CT 06525
NEW HAVEN COUNTY

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	08/20/14	ISSUED FOR CONSTRUCTION	JTG	SNA	SNA
0	08/11/14	ISSUED FOR REVIEW	JTG	SNA	SNA

SCALE: AS SHOWN DESIGNED BY: SNA DRAWN BY: JTG

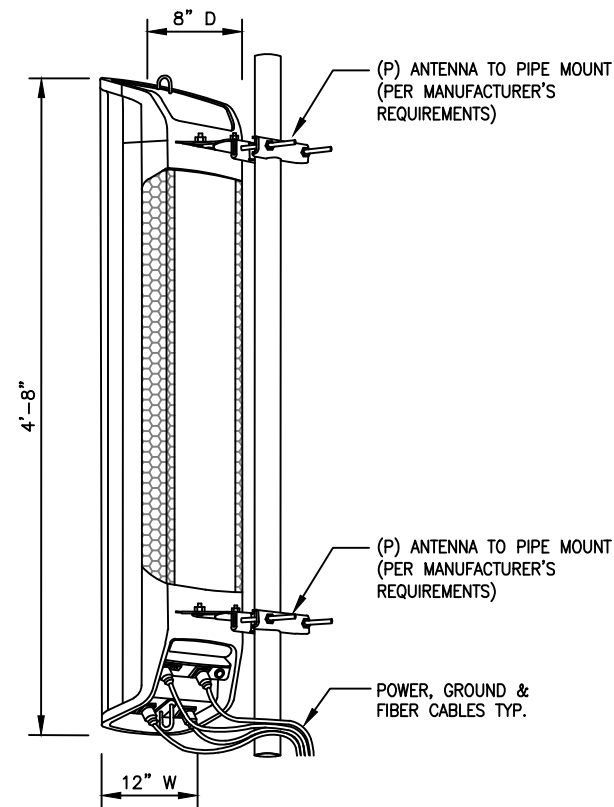
MetroPCS

ELEVATION & ANTENNA PLAN

JOB NUMBER	DRAWING NUMBER	REV
NHC0435A	A-2	1

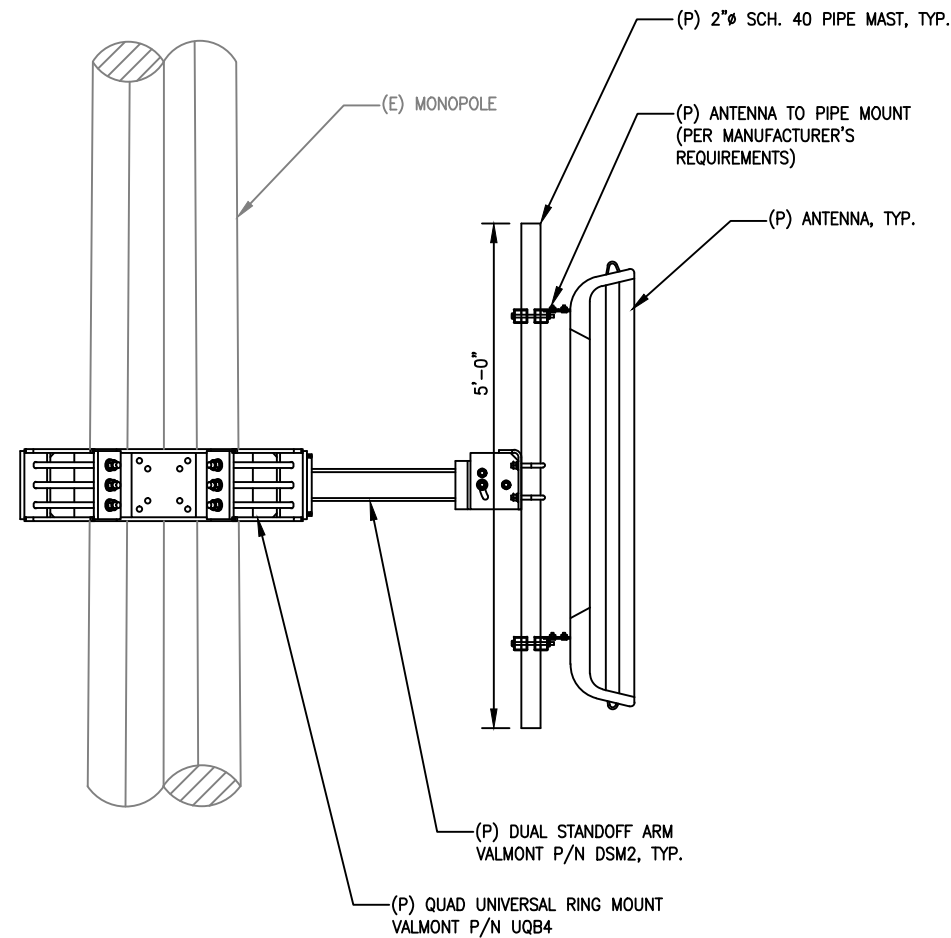


Marc R. Chretien



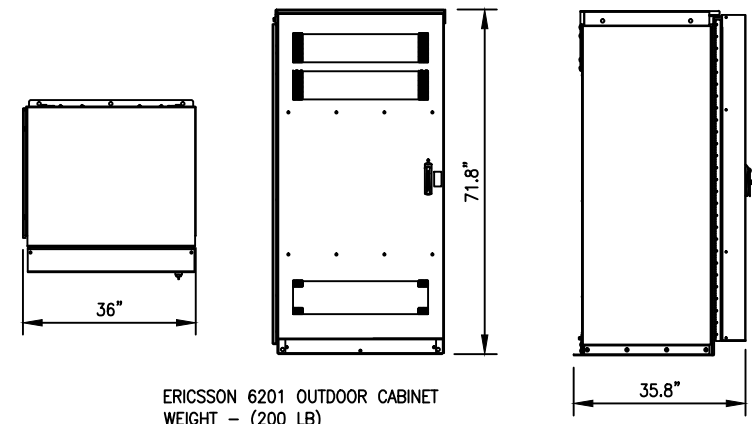
AIR21 ANTENNA TYP.
SCALE: N.T.S.

1
A-3



ANTENNA MOUNT
SCALE: N.T.S.

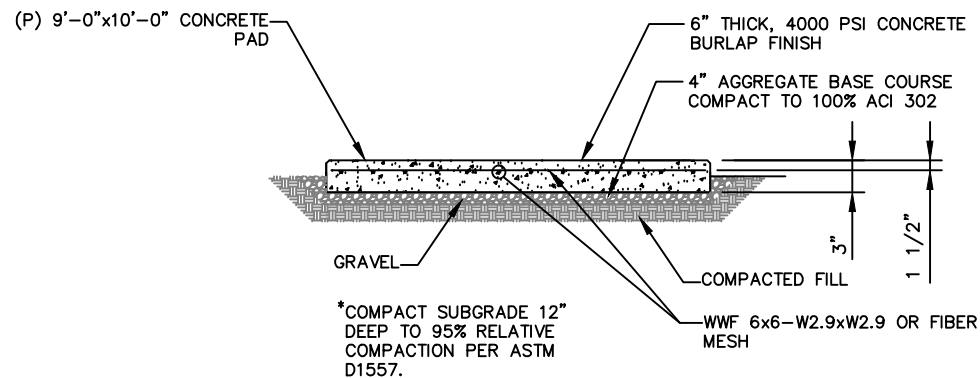
1
A-3



ERICSSON 6201 OUTDOOR CABINET
WEIGHT - (200 LB)

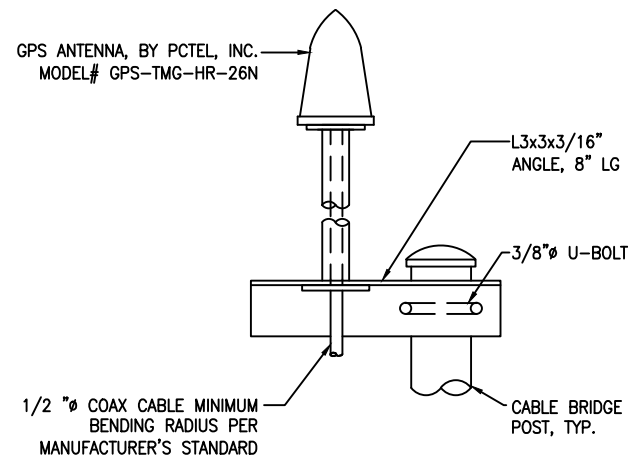
RBS 6201 CABINET DETAIL
SCALE: N.T.S.

3
A-3



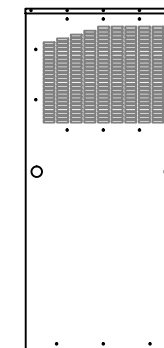
CONCRETE PAD DETAIL
SCALE: N.T.S.

4
A-3



GPS MOUNTING DETAILS
SCALE: N.T.S.

5
A-3



ERICSSON 6101 OUTDOOR
BATTERY CABINET (397 LB)
27.5"x27.5"x57"

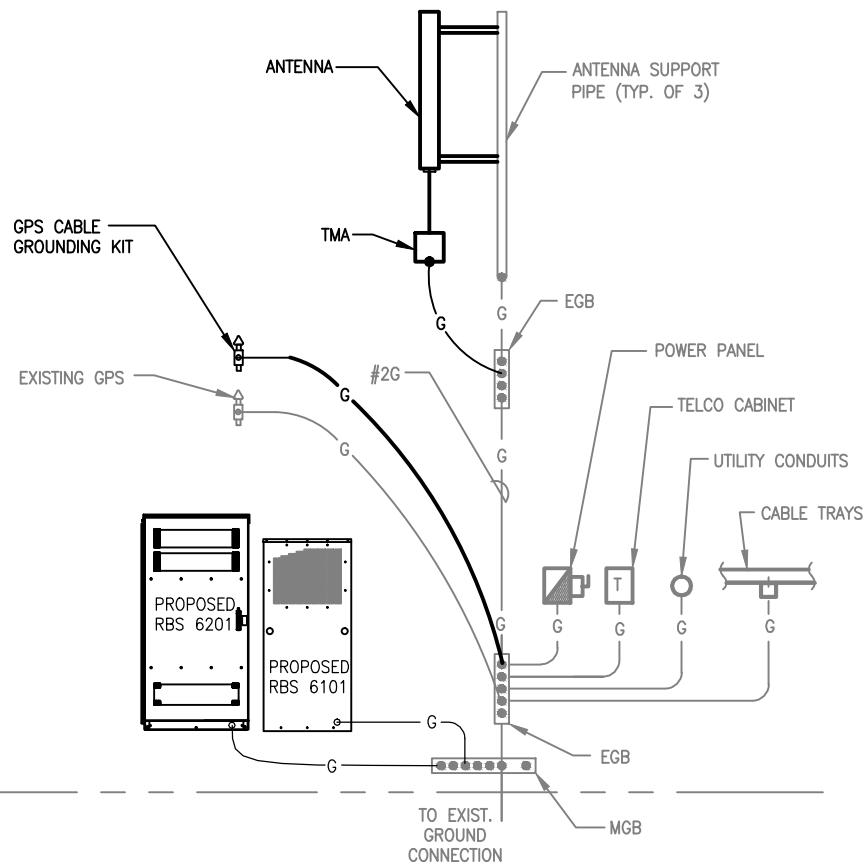
RBS 6101 BATTERY CABINET
SCALE: N.T.S.

6
A-3

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	08/20/14	ISSUED FOR CONSTRUCTION	JTG	SNA	SNA
0	08/11/14	ISSUED FOR REVIEW	JTG	SNA	SNA

SCALE: AS SHOWN DESIGNED BY: SNA DRAWN BY: JTG

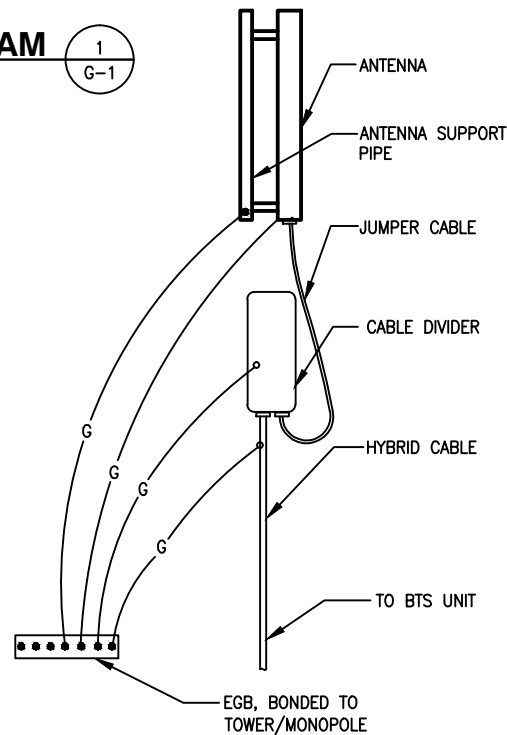
JOB NUMBER	DRAWING NUMBER	REV
NHC0435A	A-3	1



GROUNDING RISER DIAGRAM
SCALE: N.T.S.

1
G-1

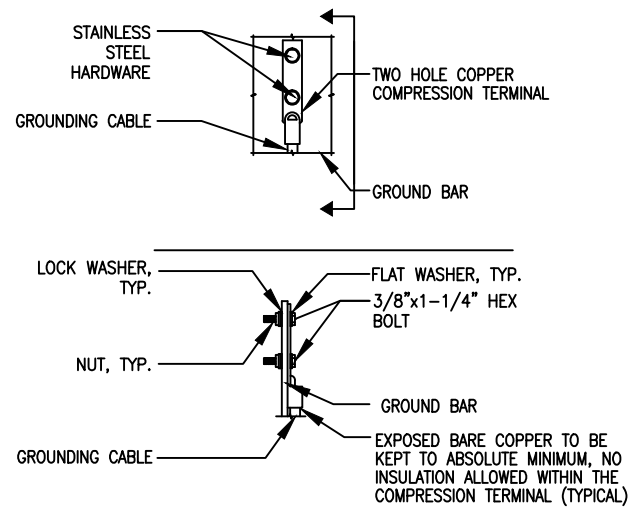
NOTE:
1. A SITE VISIT/SURVEY WAS NOT CONDUCTED BY ADVANCED ENGINEERING GROUP, P.C. SITE INFORMATION AND PLANS ARE BASED UPON INFORMATION PROVIDED BY CLIENT CONTRACTOR TO VERIFY IN FIELD



HYBRID CABLE CONNECTION & GROUNDING DETAIL

SCALE: N.T.S.

4
G-1

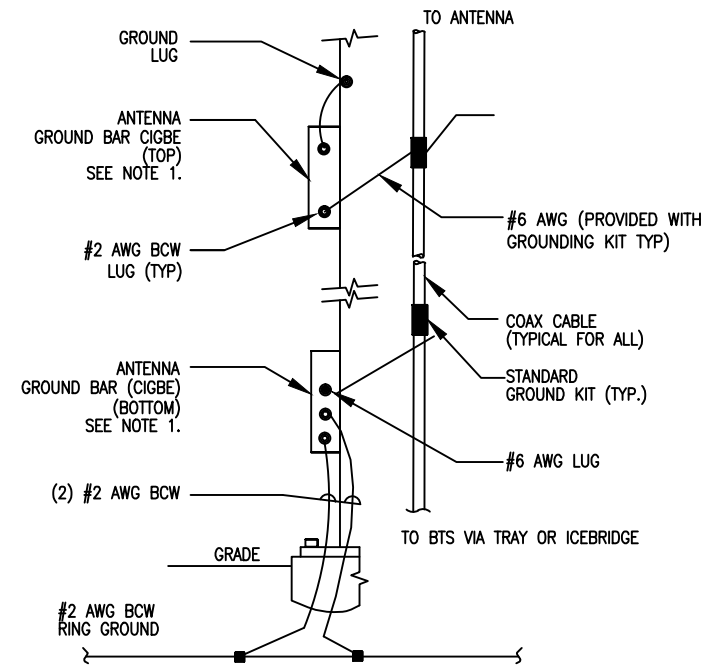


NOTES:
1. "DOUBLING UP" OR "STACKING" OF CONNECTION IS NOT PERMITTED.
2. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.
3. CADWELDED DOWNLEADS FROM UPPER EGB, LOWER EGB, AND MGB.
4. ALL GROUND LUGS MUST BE HEAT SHRUNK AT WIRE/LUG CONNECTION

TYP. GROUND BAR CONNECTION DETAIL

SCALE: N.T.S.

2
G-1

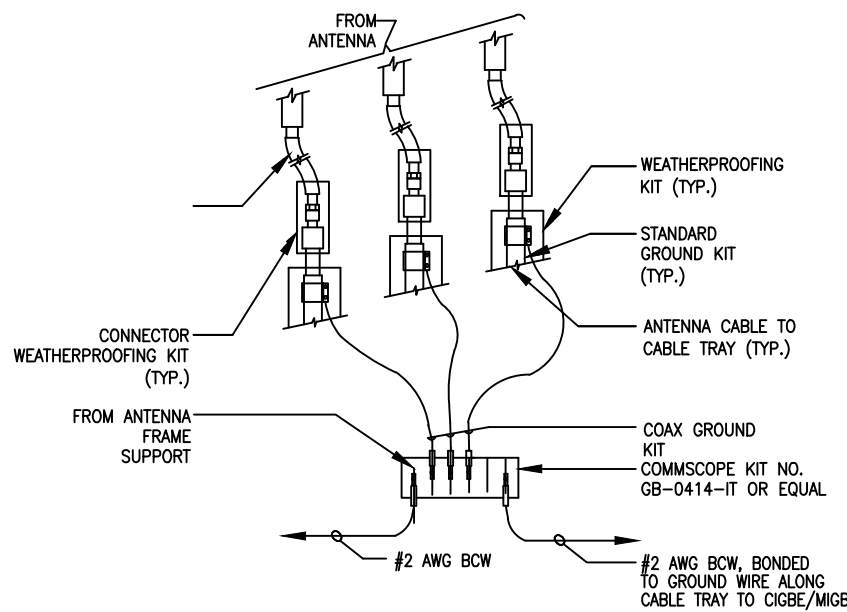


NOTE:
1. NUMBER OF GROUND BARS MAY VARY DEPENDING ON THE TYPE OF TOWER, ANTENNA LOCATION AND CONNECTION ANTENNA LOCATION AND CONNECTION ORIENTATION. PROVIDE AS REQUIRED.
2. A SEPARATE GROUND BAR TO BE USED FOR GPS ANTENNA IF REQUIRED.

ANTENNA CABLE GROUNDING

SCALE: N.T.S.

3
G-1

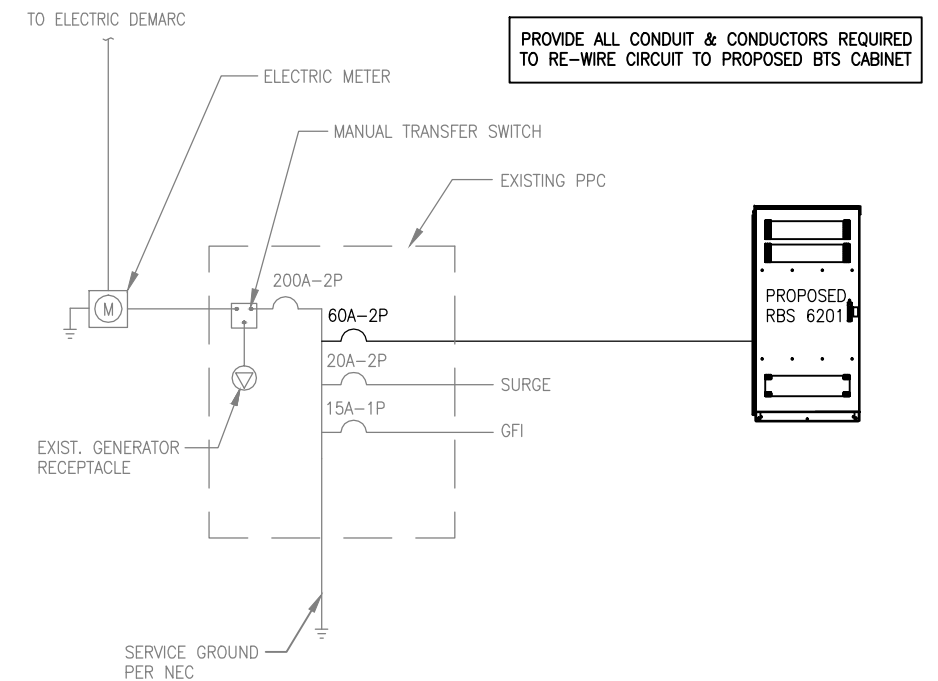


NOTE:
1. DO NOT INSTALL CABLE GROUND KIT AT A BEND AND ALWAYS DIRECT GROUND WIRE DOWN TO CIGBE.

GROUND WIRE TO GROUND BAR CONNECTION DETAIL

SCALE: N.T.S.

5
G-1

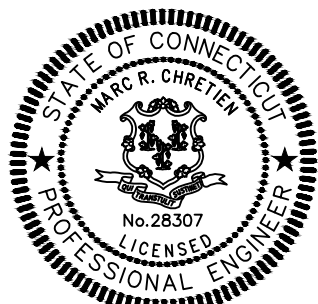


ONE-LINE POWER DIAGRAM

SCALE: N.T.S.

6
G-1

HALF SIZE PRINT
THIS DRAWING IS SCALEABLE
AT TWICE THE NOTED SCALE



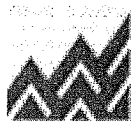
Marc R. Chretien

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	08/20/14	ISSUED FOR CONSTRUCTION	JTG	SNA	SNA
0	08/11/14	ISSUED FOR REVIEW	JTG	SNA	SNA

SCALE: AS SHOWN
DESIGNED BY: SNA
DRAWN BY: JTG

Exhibit 2

Power Density Calculation



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

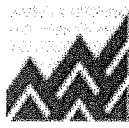
MetroPCS Existing Facility

Site ID: CTNH521A

ATC Woodbridge Monopole
77 Pease Road
Woodbridge, CT 06525

September 2, 2014

Site Compliance Summary	
Compliance Status:	COMPLIANT
Site total MPE% of FCC general public allowable limit:	49.12 %



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September 2, 2014

MetroPCS USA
Attn: Jason Overbey, RF Manager
35 Griffin Road South
Bloomfield, CT 06002

Emissions Analysis for Site: CTNH521A – ATC Woodbridge Monopole

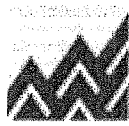
EBI Consulting was directed to analyze the proposed MetroPCS facility located at **77 Pease Road, Woodbridge, CT**, for the purpose of determining whether the emissions from the Proposed MetroPCS Antenna Installation located on this property are within specified federal limits.

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 both 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.

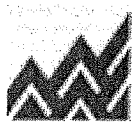
Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed MetroPCS Wireless antenna facility located at **77 Pease Road, Woodbridge, CT**, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since MetroPCS is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was focused at the base of the tower. For this report the sample point is the top of a 6 foot person standing at the base of the tower.

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

- 1) 2 GSM channels (PCS Band - 1900 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel
- 2) 2 UMTS channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.
- 3) 2 LTE channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 60 Watts per Channel.
- 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.



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- 5) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufactures supplied specifications minus 10 dB was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 6) The antennas used in this modeling are the **Ericsson AIR21 B4A/B2P** for 1900 MHz (PCS) and 2100 MHz (AWS) channels. This is based on feedback from the carrier with regards to anticipated antenna selection. The **Ericsson AIR21 B4A/B2P** has a maximum gain of **15.9 dBd** at its main lobe. The maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.
- 7) The antenna mounting height centerline of the proposed antennas is **130 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 calculations were done with respect to uncontrolled / general public threshold limits.



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MetroPCS Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	Ericsson AIR21 B4A/B2P	Make / Model:	Ericsson AIR21 B4A/B2P	Make / Model:	Ericsson AIR21 B4A/B2P
Gain:	15.9 dBd	Gain:	15.9 dBd	Gain:	15.9 dBd
Height (AGL):	130	Height (AGL):	130	Height (AGL):	130
Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)
Channel Count	2	Channel Count	2	# PCS Channels:	2
Total TX Power:	120	Total TX Power:	120	# AWS Channels:	120
ERP (W):	1,906.06	ERP (W):	1,906.06	ERP (W):	1,906.06
Antenna A1 MPE%	1.09	Antenna B1 MPE%	1.09	Antenna C1 MPE%	1.09
Antenna #:	2	Antenna #:	2	Antenna #:	2
Make / Model:	Ericsson AIR21 B4A/B2P	Make / Model:	Ericsson AIR21 B4A/B2P	Make / Model:	Ericsson AIR21 B4A/B2P
Gain:	15.9 dBd	Gain:	15.9 dBd	Gain:	15.9 dBd
Height (AGL):	130	Height (AGL):	130	Height (AGL):	130
Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)
Channel Count	4	Channel Count	4	Channel Count	4
Total TX Power:	120	Total TX Power:	120	Total TX Power:	120
ERP (W):	1,906.06	ERP (W):	1,906.06	ERP (W):	1,906.06
Antenna A2 MPE%	1.09	Antenna B2 MPE%	1.09	Antenna C2 MPE%	1.09

Site Composite MPE%	
Carrier	MPE%
MetroPCS	6.55
AT&T	19.20 %
Verizon Wireless	23.37 %
Site Total MPE %:	49.12 %

MetroPCS Sector 1 Total:	2.18 %
MetroPCS Sector 2 Total:	2.18 %
MetroPCS Sector 3 Total:	2.18 %
Site Total:	49.12 %



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Summary

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

The anticipated maximum composite contributions from the MetroPCS facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general public exposure to RF Emissions are shown here:

MetroPCS Sector	Power Density Value (%)
Sector 1:	2.18 %
Sector 2:	2.18 %
Sector 3 :	2.18 %
MetroPCS Total:	6.55 %
Site Total:	49.12 %
Site Compliance Status:	COMPLIANT

The anticipated composite MPE value for this site assuming all carriers present is **49.12%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

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

Scott Heffernan
RF Engineering Director

EBI Consulting
21 B Street
Burlington, MA 01803`

Exhibit 3
Structural Calculations



AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 150 ft Monopole
ATC Site Name : Woodbridge CT 1, CT
ATC Site Number : 302480
Engineering Number : 59131223
Proposed Carrier : Metro PCS
Carrier Site Name : Woodbridge CT 1
Carrier Site Number : CTNH521A
Site Location : 77 Pease Road
Woodbridge, CT 06525-2044
41.341444,-72.993600
County : New Haven
Date : August 28, 2014
Max Usage : 99%
Result : Pass

Tsega Melesse, E.I.
Structural Engineer I

Tsega M. Melesse-18720



ATC
Aug 29 2014 8:42 AM



Table of Contents

Introduction	1
Supporting Documents	1
Analysis	1
Conclusion.....	1
Existing and Reserved Equipment.....	2
Equipment to be Removed.....	2
Proposed Equipment	2
Structure Usages	3
Foundations	3
Deflection, Twist, and Sway.....	3
Standard Conditions	4
Calculations	Attached



Introduction

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

Supporting Documents

Tower Drawings	Smith Cullum Acquisition #CT-0016, dated May 15, 2001 AT&T SPEC #AT-8935, dated April 13, 1984
Foundation Drawing	Mapping By ATC PIT ID#302480, dated April 1, 2009
Geotechnical Report	Johnson Soil Job#15220, dated May 20, 2002
Modifications	SPECTRASITE Drawings #CT-0016-EI, dated September 19, 2002 ATC Project #40430532, dated May 29, 2007 ATC Project #42299235, dated November 18, 2008 ATC Project #44303434, dated January 18, 2010 ATC Project #447950F2, dated April 2, 2010

Analysis

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

Basic Wind Speed:	105 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 3/4" radial ice concurrent
Code:	ANSI/TIA-222-G / 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment
Structure Class:	II
Exposure Category:	B
Topographic Category:	1

Conclusion

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

If you have any questions or require additional information, please contact 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

Elevation ¹ (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
148.0	153.0	6	Powerwave LGP13519	Platform w/ Handrails & Side	(12) 1 5/8" Coax (2) 0.78" 8 AWG 6 (1) 0.39" Fiber (1) 3" Conduit	AT&T Mobility
		6	TMA-DD1900			
		1	Raycap DC6-48-60-18-8F			
		6	Ericsson RRUS 11 (Band 12)			
		6	Allgon 7770.00			
		3	KMW AM-X-CD-16-65-00T-RET			
	157.0	1	15' Omni		(4) 1 5/8" Coax	USA Mobility
	154.0	1	8' Dipole			
153.0	1	7' Omni				
128.0	-	-	-	Sector Frames	(6) 1 5/8" Coax	Metro PCS
119.0	119.0	6	RFS FD9R6004/1C-3L	T-Arms	(12) 1 5/8" Coax (1) 1 5/8" Hybriflex	Verizon
		6	PCS1900 Dual Duplex			
		1	GPS			
		3	Alcatel-Lucent RRH2x40-AWS			
		3	Antel BXA-171063-8BF-EDIN-X			
		3	Antel BXA-171085-8CF-EDIN-X			
		3	Antel BXA-80063/4CF			
		1	RFS DB-T1-6Z-8AB-0Z			
		3	Antel BXA-70063/6CF			
39.0	39.0	1	GPS	Stand-off	(1) 1/2" Coax	AT&T Mobility

Equipment to be Removed

Elevation ¹ (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
128.0	130.0	3	RFS APXV18-206517S-C	Flush	-	Metro PCS

Proposed Equipment

Elevation ¹ (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
128.0	130.0	3	Ericsson AIR 21, 1.3M, B2A B4P	Sector Frames	(1) 1 5/8" Hybriflex	Metro PCS
		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	71%	Pass
Shaft	99%	Pass
Base Plate	50%	Pass
Flanges	98%	Pass
Reinforcement	87%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	2618.3
Axial (Kips)	53.3
Shear (Kips)	27.4

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

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
128.0	1.833	1.925

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



Standard Conditions

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

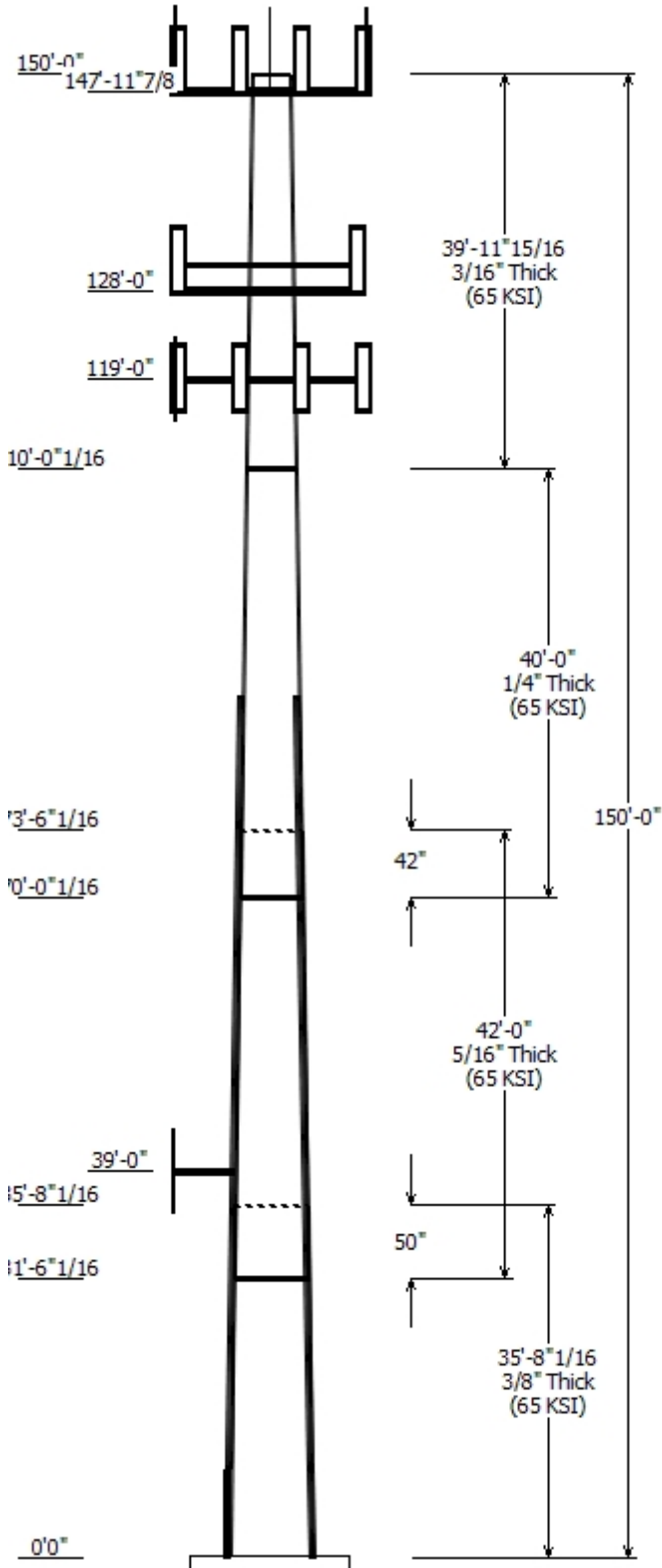
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

It is the responsibility of the client to ensure that the information provided to ATC 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 :	302480
Code :	ANSI/TIA-222 Rev G
Description :	150 ft ITT Meyer Monopole
Client :	Metro PCS
Struct Class :	II
Location :	Woodbridge CT 1, CT
Shape :	12 Sides
Exposure :	B
Height :	150.00 (ft)
Topo :	1
Base Elev (ft):	0.00
Taper:	0.15670(in/ft)

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap		Steel Grade (ksi)
		Top	Bottom			Length (in)	Taper (in/ft)	
1	35.670	31.79	37.38	0.375		0.000	0.156707	65
2	42.000	26.48	33.06	0.313	Slip Joint	50.000	0.156707	65
3	40.000	21.26	27.53	0.250	Slip Joint	42.000	0.156707	65
4	39.997	15.00	21.26	0.188	Butt Joint	0.000	0.156707	65

Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
148.000	153.000	3	KMW AM-X-CD-16-65-00T-RET
148.000	153.000	1	Raycap DC6-48-60-18-8F
148.000	153.000	6	TMA-DD1900
148.000	148.000	1	Platform w/ Handrails & Side
148.000	153.000	6	Allgon 7770.00
148.000	153.000	6	Powerwave LGP13519
148.000	153.000	6	Ericsson RRUS 11 (Band 12)
147.990	153.990	1	8' Dipole
147.990	156.990	1	15' Omni
147.990	152.990	1	7' Omni
128.000	130.000	3	Ericsson AIR 21, 1.3M, B4A B2P
128.000	130.000	3	Ericsson AIR 21, 1.3M, B2A B4P
128.000	128.000	3	Flat Light Sector Frame
119.000	119.000	1	GPS
119.000	119.000	3	Antel BXA-70063/6CF
119.000	119.000	1	RFS DB-T1-6Z-8AB-0Z
119.000	119.000	3	Antel BXA-171085-8CF-EDIN-X
119.000	119.000	3	Antel BXA-171063-8BF-EDIN-X
119.000	119.000	3	Alcatel-Lucent RRH2x40-AWS
119.000	119.000	6	PCS1900 Dual Duplex
119.000	119.000	6	RFS FD9R6004/1C-3L
119.000	119.000	3	Round T-Arm
119.000	119.000	3	Antel BXA-80063/4CF
39.000	39.000	1	GPS
39.000	39.000	1	Stand-off

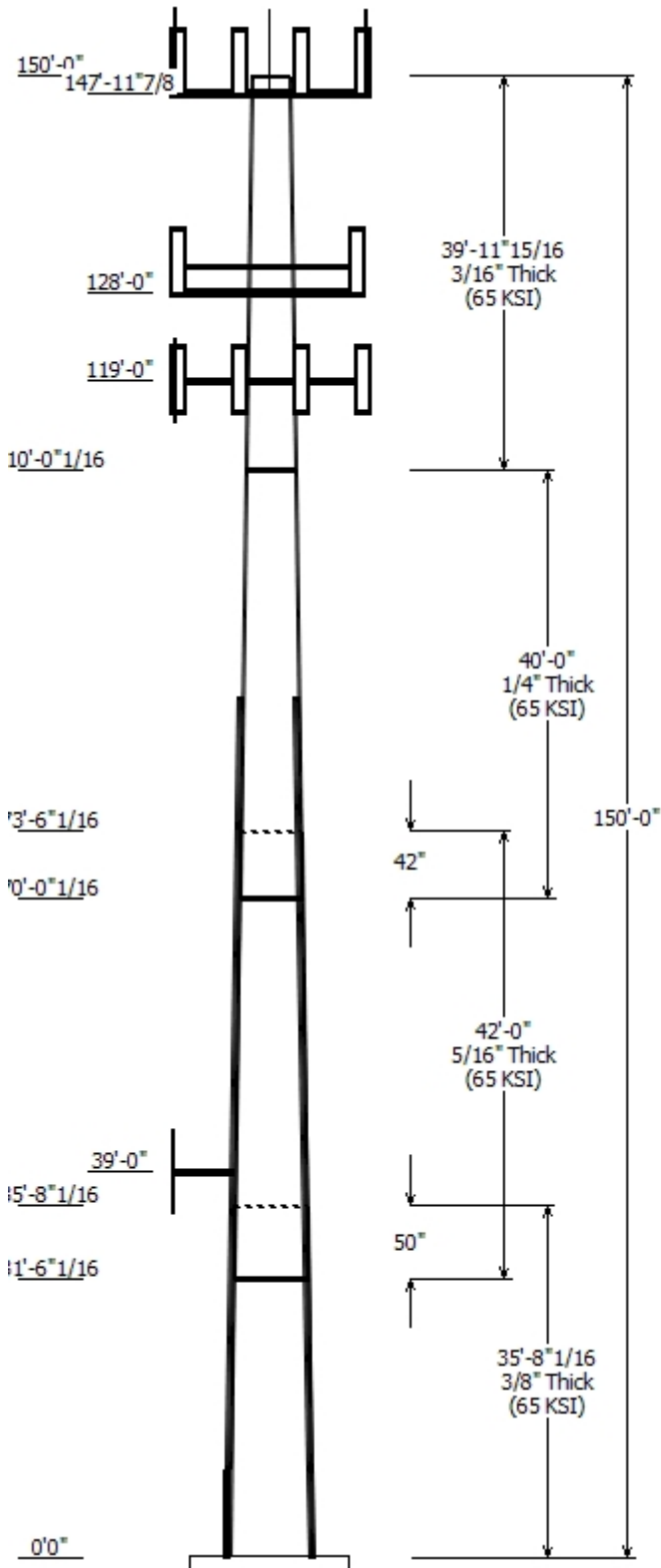
Linear Appurtenance			
Elev (ft) From	Elev (ft) To	Description	Exposed To Wind
33.000	81.000	Plate	Yes
0.000	94.000	#20	Yes
0.000	119.0	1 5/8" Coax	No
0.000	119.0	1 5/8" Hybriflex	No
0.000	128.0	1 5/8" Coax	No
0.000	128.0	1 5/8" Hybriflex	No
0.000	147.9	1 5/8" Coax	No
0.000	148.0	0.39" Fiber	No
0.000	148.0	0.78" 8 AWG 6	No
0.000	148.0	1 5/8" Coax	No
0.000	148.0	3" Conduit	No

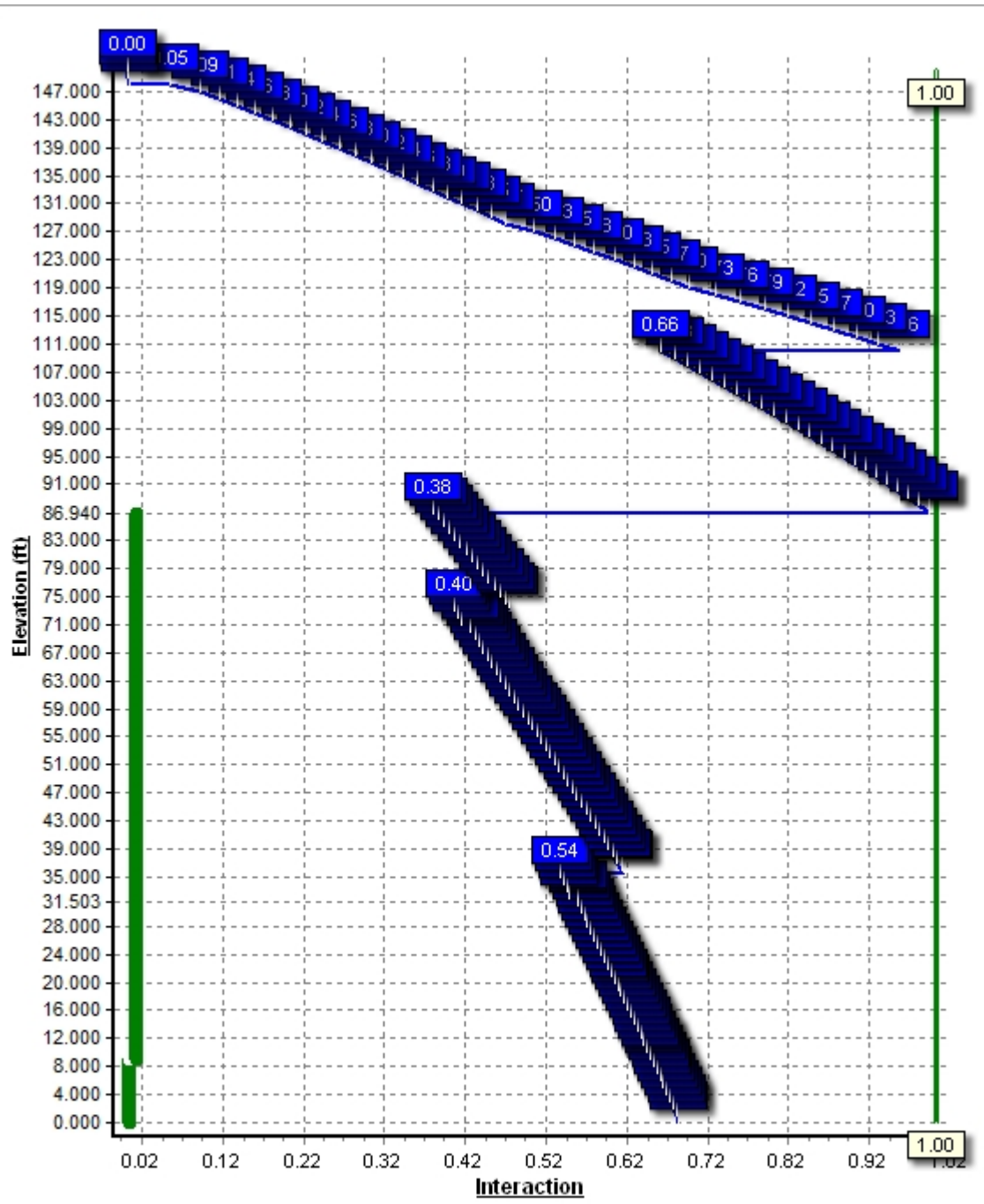
0.000	39.000	1/2" Coax	No
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Load Cases	
1.2D + 1.6W	105.00 mph with No Ice
0.9D + 1.6W	105.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	2618.29	27.41	35.95
0.9D + 1.6W	2580.69	27.16	28.41
1.2D + 1.0Di + 1.0Wi	580.10	5.52	53.27
1.0D + 1.0W	541.63	5.74	30.94

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

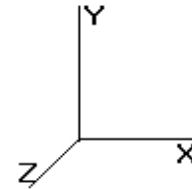




Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Slip		Weight (lb)	Bottom						Top						
				Joint Type	Joint Len (in)		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)
1-12	35.670	0.3750	65		0.00	5,014	37.38	0.00	44.68	7810.1	24.03	99.68	31.79	35.67	37.93	4778.5	20.04	84.77	0.156707
2-12	42.000	0.3130	65	Slip	50.00	4,244	33.06	31.50	33.01	4521.3	25.63	105.65	26.48	73.50	26.38	2306.9	20.00	84.62	0.156707
3-12	40.000	0.2500	65	Slip	42.00	2,646	27.53	70.00	21.97	2087.4	26.83	110.14	21.26	110.00	16.92	954.0	20.12	85.07	0.156707
4-12	39.997	0.1880	65	Butt	0.00	1,479	21.26	110.00	12.76	723.8	27.63	113.13	15.00	150.00	8.97	251.1	18.70	79.79	0.156707
Shaft Weight						13,383													

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		
148.00	Allgon 7770.00	6	35.00	5.510	0.65	64.28	7.431	0.65	0.000	5.000
148.00	Ericsson RRUS 11 (Band 12)	6	55.00	2.520	0.50	135.27	3.164	0.50	0.000	5.000
148.00	KMW AM-X-CD-16-65-00T-	3	48.50	8.020	0.67	237.02	9.313	0.67	0.000	5.000
148.00	Platform w/ Handrails & Side	1	2350.00	40.700	1.00	3,873.62	77.302	1.00	0.000	0.000
148.00	Powerwave LGP13519	6	5.30	0.340	0.50	20.32	0.561	0.50	0.000	5.000
148.00	Raycap DC6-48-60-18-8F	1	31.80	1.280	1.00	124.60	2.852	1.00	0.000	5.000
148.00	TMA-DD1900	6	10.40	0.590	0.50	31.70	0.828	0.50	0.000	5.000
147.99	15' Omni	1	40.00	4.500	1.00	237.63	9.917	1.00	0.000	9.000
147.99	7' Omni	1	25.00	2.100	1.00	119.76	3.720	1.00	0.000	5.000
147.99	8' Dipole	1	25.00	3.010	1.00	114.43	7.673	1.00	0.000	6.000
128.00	Ericsson AIR 21, 1.3M, B2A	3	91.50	6.040	0.70	255.47	7.113	0.70	0.000	2.000
128.00	Ericsson AIR 21, 1.3M, B4A	3	90.40	6.080	0.70	255.12	7.158	0.70	0.000	2.000
128.00	Flat Light Sector Frame	3	400.00	17.900	0.67	696.83	32.782	0.67	0.000	0.000
119.00	Alcatel-Lucent RRH2x40-AWS	3	44.00	2.160	0.50	115.42	2.788	0.50	0.000	0.000
119.00	Antel BXA-171063-8BF-EDIN-X	3	10.50	2.940	0.71	91.33	3.786	0.71	0.000	0.000
119.00	Antel BXA-171085-8CF-EDIN-X	3	10.50	2.940	0.71	91.33	3.786	0.71	0.000	0.000
119.00	Antel BXA-70063/6CF	3	17.00	7.570	0.65	179.57	8.788	0.65	0.000	0.000
119.00	Antel BXA-80063/4CF	3	9.90	4.710	0.65	55.46	6.291	0.65	0.000	0.000
119.00	GPS	1	10.00	1.000	1.00	47.33	0.930	1.00	0.000	0.000
119.00	PCS1900 Dual Duplex	6	20.00	0.910	0.50	50.32	1.344	0.50	0.000	0.000
119.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	4.800	0.50	183.87	5.652	0.50	0.000	0.000
119.00	RFS FD9R6004/1C-3L	6	3.10	0.370	0.50	15.79	0.574	0.50	0.000	0.000
119.00	Round T-Arm	3	250.00	9.700	0.67	454.63	17.772	0.67	0.000	0.000
39.00	GPS	1	10.00	1.000	1.00	42.20	0.882	1.00	0.000	0.000
39.00	Stand-off	1	150.00	5.200	1.00	214.06	7.579	1.00	0.000	0.000
Totals		75	6375.50			14,160.11			Number of Loadings : 25	

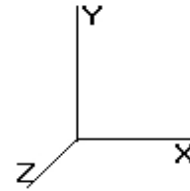
Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	148.00	(1) 0.39" Fiber	0.00	N
0.00	148.00	(2) 0.78" 8 AWG 6	0.00	N
0.00	148.00	(12) 1 5/8" Coax	0.00	N
0.00	148.00	(1) 3" Conduit	0.00	N
0.00	147.99	(4) 1 5/8" Coax	0.00	N
0.00	128.00	(6) 1 5/8" Coax	0.00	N
0.00	128.00	(1) 1 5/8" Hybriflex	0.00	N

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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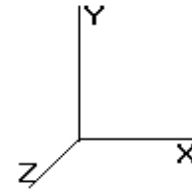
0.00	119.00	(12) 1 5/8" Coax	0.00	N
0.00	119.00	(1) 1 5/8" Hybriflex	0.00	N
0.00	94.00	(4) #20 Reinforcement	7.50	Y
33.00	81.00	(4) Plate Reinforcement	2.00	Y
0.00	39.00	(1) 1/2" Coax	0.00	N

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	9.00	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	39.0	0.00	5/8" A36 U-Bolt	No
9.00	86.94	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	Yes

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



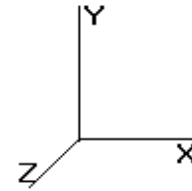
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Segment Properties (Max Len : 1 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.3750	37.380	44.684	7,810.1	24.03	99.68	78.5	403.6	0.0	19.64	4,958	0.0
1.00		0.3750	37.223	44.494	7,711.3	23.92	99.26	78.6	400.2	151.7	19.64	4,923	66.8
2.00		0.3750	37.067	44.305	7,613.3	23.81	98.84	78.8	396.8	151.1	19.64	4,887	66.8
3.00		0.3750	36.910	44.116	7,516.2	23.69	98.43	78.9	393.4	150.4	19.64	4,852	66.8
4.00		0.3750	36.753	43.927	7,419.9	23.58	98.01	79.0	390.0	149.8	19.64	4,816	66.8
5.00		0.3750	36.596	43.737	7,324.4	23.47	97.59	79.1	386.6	149.2	19.64	4,781	66.8
6.00		0.3750	36.440	43.548	7,229.7	23.36	97.17	79.2	383.3	148.5	19.64	4,746	66.8
7.00		0.3750	36.283	43.359	7,135.9	23.25	96.75	79.4	379.9	147.9	19.64	4,711	66.8
8.00		0.3750	36.126	43.170	7,042.9	23.13	96.34	79.5	376.6	147.2	19.64	4,676	66.8
9.00	Reinf. Top Reinf	0.3750	35.970	42.981	6,950.7	23.02	95.92	79.6	373.3	146.6	19.64	4,642	66.8
10.00		0.3750	35.813	42.791	6,859.3	22.91	95.50	79.7	370.0	145.9	19.64	4,607	66.8
11.00		0.3750	35.656	42.602	6,768.7	22.80	95.08	79.9	366.7	145.3	19.64	4,573	66.8
12.00		0.3750	35.500	42.413	6,678.9	22.69	94.67	80.0	363.5	144.6	19.64	4,538	66.8
13.00		0.3750	35.343	42.224	6,589.9	22.57	94.25	80.1	360.2	144.0	19.64	4,504	66.8
14.00		0.3750	35.186	42.034	6,501.7	22.46	93.83	80.2	357.0	143.4	19.64	4,470	66.8
15.00		0.3750	35.029	41.845	6,414.3	22.35	93.41	80.3	353.7	142.7	19.64	4,436	66.8
16.00		0.3750	34.873	41.656	6,327.7	22.24	92.99	80.5	350.5	142.1	19.64	4,403	66.8
17.00		0.3750	34.716	41.467	6,241.8	22.13	92.58	80.6	347.3	141.4	19.64	4,369	66.8
18.00		0.3750	34.559	41.278	6,156.8	22.01	92.16	80.7	344.2	140.8	19.64	4,335	66.8
19.00		0.3750	34.403	41.088	6,072.5	21.90	91.74	80.8	341.0	140.1	19.64	4,302	66.8
20.00		0.3750	34.246	40.899	5,989.0	21.79	91.32	80.9	337.8	139.5	19.64	4,269	66.8
21.00		0.3750	34.089	40.710	5,906.2	21.68	90.90	81.1	334.7	138.8	19.64	4,236	66.8
22.00		0.3750	33.932	40.521	5,824.3	21.57	90.49	81.2	331.6	138.2	19.64	4,203	66.8
23.00		0.3750	33.776	40.331	5,743.0	21.45	90.07	81.3	328.5	137.6	19.64	4,170	66.8
24.00		0.3750	33.619	40.142	5,662.6	21.34	89.65	81.4	325.4	136.9	19.64	4,137	66.8
25.00		0.3750	33.462	39.953	5,582.9	21.23	89.23	81.6	322.3	136.3	19.64	4,105	66.8
26.00		0.3750	33.306	39.764	5,503.9	21.12	88.82	81.7	319.2	135.6	19.64	4,072	66.8
27.00		0.3750	33.149	39.575	5,425.7	21.01	88.40	81.8	316.2	135.0	19.64	4,040	66.8
28.00		0.3750	32.992	39.385	5,348.3	20.89	87.98	81.9	313.2	134.3	19.64	4,007	66.8
29.00		0.3750	32.836	39.196	5,271.6	20.78	87.56	81.9	310.1	133.7	19.64	3,975	66.8
30.00		0.3750	32.679	39.007	5,195.6	20.67	87.14	81.9	307.1	133.1	19.64	3,943	66.8
31.00		0.3750	32.522	38.818	5,120.3	20.56	86.73	81.9	304.2	132.4	19.64	3,912	66.8
31.50	Bot - Section 2	0.3750	32.443	38.722	5,082.7	20.50	86.52	81.9	302.7	66.4	19.64	3,896	33.6
32.00		0.3750	32.365	38.628	5,045.8	20.45	86.31	81.9	301.2	121.1	19.64	4,007	33.2
33.00		0.3750	32.209	38.439	4,972.0	20.33	85.89	81.9	298.2	242.9	19.64	3,975	66.8
34.00		0.3750	32.052	38.250	4,899.0	20.22	85.47	81.9	295.3	241.7	19.64	3,943	66.8
35.00		0.3750	31.895	38.061	4,826.6	20.11	85.05	81.9	292.3	240.6	19.64	3,911	66.8
35.67	Top - Section 1	0.3130	32.416	32.356	4,256.3	25.07	103.57	77.4	253.7	160.5	19.64	3,890	44.8
36.00		0.3130	32.365	32.303	4,235.8	25.03	103.40	77.4	252.8	36.3	19.64	3,880	22.0
37.00		0.3130	32.208	32.146	4,174.0	24.89	102.90	77.6	250.4	109.7	19.64	3,848	66.8
38.00		0.3130	32.051	31.988	4,112.7	24.76	102.40	77.7	247.9	109.1	19.64	3,817	66.8
39.00		0.3130	31.894	31.830	4,052.1	24.62	101.90	77.9	245.4	108.6	19.64	3,785	66.8
40.00		0.3130	31.738	31.672	3,992.1	24.49	101.40	78.0	243.0	108.0	19.64	3,754	66.8
41.00		0.3130	31.581	31.514	3,932.7	24.36	100.90	78.2	240.6	107.5	19.64	3,723	66.8
42.00		0.3130	31.424	31.356	3,873.8	24.22	100.40	78.3	238.1	107.0	19.64	3,692	66.8
43.00		0.3130	31.268	31.198	3,815.6	24.09	99.90	78.4	235.7	106.4	19.64	3,661	66.8
44.00		0.3130	31.111	31.040	3,757.9	23.95	99.40	78.6	233.4	105.9	19.64	3,631	66.8
45.00		0.3130	30.954	30.882	3,700.9	23.82	98.90	78.7	231.0	105.4	19.64	3,600	66.8
46.00		0.3130	30.797	30.724	3,644.4	23.69	98.39	78.9	228.6	104.8	19.64	3,570	66.8
47.00		0.3130	30.641	30.566	3,588.5	23.55	97.89	79.0	226.2	104.3	19.64	3,540	66.8
48.00		0.3130	30.484	30.408	3,533.1	23.42	97.39	79.2	223.9	103.7	19.64	3,509	66.8
49.00		0.3130	30.327	30.250	3,478.4	23.28	96.89	79.3	221.6	103.2	19.64	3,479	66.8
50.00		0.3130	30.171	30.092	3,424.2	23.15	96.39	79.5	219.3	102.7	19.64	3,449	66.8
51.00		0.3130	30.014	29.934	3,370.5	23.01	95.89	79.6	216.9	102.1	19.64	3,420	66.8
52.00		0.3130	29.857	29.776	3,317.5	22.88	95.39	79.8	214.6	101.6	19.64	3,390	66.8
53.00		0.3130	29.701	29.619	3,264.9	22.75	94.89	79.9	212.4	101.1	19.64	3,361	66.8
54.00		0.3130	29.544	29.461	3,213.0	22.61	94.39	80.1	210.1	100.5	19.64	3,331	66.8
55.00		0.3130	29.387	29.303	3,161.6	22.48	93.89	80.2	207.8	100.0	19.64	3,302	66.8

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

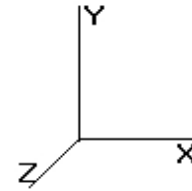


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56.00		0.3130	29.230	29.145	3,110.7	22.34	93.39	80.3	205.6	99.4	19.64	3,273	66.8
57.00		0.3130	29.074	28.987	3,060.4	22.21	92.89	80.5	203.4	98.9	19.64	3,244	66.8
58.00		0.3130	28.917	28.829	3,010.7	22.08	92.39	80.6	201.1	98.4	19.64	3,215	66.8
59.00		0.3130	28.760	28.671	2,961.5	21.94	91.89	80.8	198.9	97.8	19.64	3,186	66.8
60.00		0.3130	28.604	28.513	2,912.8	21.81	91.39	80.9	196.7	97.3	19.64	3,158	66.8
61.00		0.3130	28.447	28.355	2,864.7	21.67	90.88	81.1	194.5	96.8	19.64	3,129	66.8
62.00		0.3130	28.290	28.197	2,817.1	21.54	90.38	81.2	192.4	96.2	19.64	3,101	66.8
63.00		0.3130	28.133	28.039	2,770.0	21.40	89.88	81.4	190.2	95.7	19.64	3,073	66.8
64.00		0.3130	27.977	27.881	2,723.5	21.27	89.38	81.5	188.1	95.1	19.64	3,045	66.8
65.00		0.3130	27.820	27.723	2,677.4	21.14	88.88	81.7	185.9	94.6	19.64	3,017	66.8
66.00		0.3130	27.663	27.565	2,631.9	21.00	88.38	81.8	183.8	94.1	19.64	2,989	66.8
67.00		0.3130	27.507	27.407	2,587.0	20.87	87.88	81.9	181.7	93.5	19.64	2,961	66.8
68.00		0.3130	27.350	27.249	2,542.5	20.73	87.38	81.9	179.6	93.0	19.64	2,934	66.8
69.00		0.3130	27.193	27.092	2,498.5	20.60	86.88	81.9	177.5	92.5	19.64	2,906	66.8
70.00		0.3130	27.037	26.934	2,455.1	20.47	86.38	81.9	175.4	91.9	19.64	2,879	66.8
70.00	Bot - Section 3	0.3130	27.036	26.933	2,454.9	20.47	86.38	81.9	175.4	0.3	19.64	2,879	0.2
71.00		0.3130	26.880	26.776	2,412.2	20.33	85.88	81.9	173.4	165.4	19.64	2,939	66.6
72.00		0.3130	26.723	26.618	2,369.7	20.20	85.38	81.9	171.3	164.9	19.64	2,911	66.8
73.00		0.3130	26.566	26.460	2,327.8	20.06	84.88	81.9	169.3	164.0	19.64	2,884	66.8
73.50	Top - Section 2	0.2500	26.988	21.524	1,964.0	26.25	107.95	76.1	140.6	82.2	19.64	2,870	33.6
74.00		0.2500	26.910	21.461	1,946.9	26.16	107.64	76.2	139.8	36.3	19.64	2,857	33.2
75.00		0.2500	26.753	21.335	1,912.8	25.99	107.01	76.4	138.1	72.8	19.64	2,830	66.8
76.00		0.2500	26.596	21.209	1,879.1	25.83	106.39	76.5	136.5	72.4	19.64	2,803	66.8
77.00		0.2500	26.440	21.083	1,845.7	25.66	105.76	76.7	134.9	72.0	19.64	2,776	66.8
78.00		0.2500	26.283	20.956	1,812.8	25.49	105.13	76.9	133.2	71.5	19.64	2,749	66.8
79.00		0.2500	26.126	20.830	1,780.3	25.32	104.50	77.1	131.6	71.1	19.64	2,723	66.8
80.00		0.2500	25.969	20.704	1,748.1	25.15	103.88	77.3	130.0	70.7	19.64	2,696	66.8
81.00		0.2500	25.813	20.578	1,716.3	24.99	103.25	77.5	128.5	70.2	19.64	2,670	66.8
82.00		0.2500	25.656	20.452	1,685.0	24.82	102.62	77.6	126.9	69.8	19.64	2,644	66.8
83.00		0.2500	25.499	20.326	1,654.0	24.65	102.00	77.8	125.3	69.4	19.64	2,618	66.8
84.00		0.2500	25.343	20.200	1,623.4	24.48	101.37	78.0	123.7	68.9	19.64	2,592	66.8
85.00		0.2500	25.186	20.073	1,593.2	24.31	100.74	78.2	122.2	68.5	19.64	2,566	66.8
86.00		0.2500	25.029	19.947	1,563.3	24.15	100.12	78.4	120.7	68.1	19.64	2,540	66.8
86.94	Reinf. Top	0.2500	24.882	19.829	1,535.6	23.99	99.53	78.6	119.2	63.6	19.64	2,516	62.8
87.00		0.2500	24.873	19.821	1,533.8	23.98	99.49	78.6	119.1	4.0			
88.00		0.2500	24.716	19.695	1,504.7	23.81	98.86	78.7	117.6	67.2			
89.00		0.2500	24.559	19.569	1,476.0	23.64	98.24	78.9	116.1	66.8			
90.00		0.2500	24.402	19.443	1,447.6	23.47	97.61	79.1	114.6	66.4			
91.00		0.2500	24.246	19.317	1,419.7	23.31	96.98	79.3	113.1	65.9			
92.00		0.2500	24.089	19.190	1,392.0	23.14	96.36	79.5	111.6	65.5			
93.00		0.2500	23.932	19.064	1,364.7	22.97	95.73	79.7	110.2	65.1			
94.00		0.2500	23.776	18.938	1,337.8	22.80	95.10	79.8	108.7	64.7			
95.00		0.2500	23.619	18.812	1,311.3	22.64	94.48	80.0	107.3	64.2			
96.00		0.2500	23.462	18.686	1,285.1	22.47	93.85	80.2	105.8	63.8			
97.00		0.2500	23.305	18.560	1,259.2	22.30	93.22	80.4	104.4	63.4			
98.00		0.2500	23.149	18.433	1,233.7	22.13	92.59	80.6	103.0	62.9			
99.00		0.2500	22.992	18.307	1,208.6	21.96	91.97	80.8	101.5	62.5			
100.00		0.2500	22.835	18.181	1,183.8	21.80	91.34	80.9	100.1	62.1			
101.0		0.2500	22.679	18.055	1,159.3	21.63	90.71	81.1	98.8	61.7			
102.0		0.2500	22.522	17.929	1,135.2	21.46	90.09	81.3	97.4	61.2			
103.0		0.2500	22.365	17.803	1,111.4	21.29	89.46	81.5	96.0	60.8			
104.0		0.2500	22.208	17.677	1,087.9	21.12	88.83	81.7	94.6	60.4			
105.0		0.2500	22.052	17.550	1,064.8	20.96	88.21	81.9	93.3	59.9			
106.0		0.2500	21.895	17.424	1,042.0	20.79	87.58	81.9	91.9	59.5			
107.0		0.2500	21.738	17.298	1,019.5	20.62	86.95	81.9	90.6	59.1			
108.0		0.2500	21.582	17.172	997.4	20.45	86.33	81.9	89.3	58.6			
109.0		0.2500	21.425	17.046	975.6	20.28	85.70	81.9	88.0	58.2			
110.0		0.2500	21.268	16.920	954.1	20.12	85.07	81.9	86.7	57.8			
110.0	Top - Section 3	0.2500	21.268	16.919	954.0	20.12	85.07	81.9	86.7	0.2			
110.0	Bot - Section 4	0.1880	21.268	12.761	723.8	27.63	113.13	74.6	65.7				
111.0		0.1880	21.112	12.666	707.8	27.41	112.30	74.8	64.8	43.1			
112.0		0.1880	20.955	12.571	692.0	27.19	111.46	75.1	63.8	42.9			
113.0		0.1880	20.798	12.477	676.5	26.96	110.63	75.3	62.8	42.6			
114.0		0.1880	20.641	12.382	661.1	26.74	109.79	75.6	61.9	42.3			

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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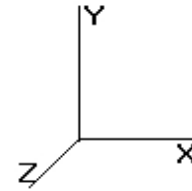
115.0	0.1880	20.485	12.287	646.1	26.52	108.96	75.8	60.9	42.0
116.0	0.1880	20.328	12.192	631.2	26.29	108.13	76.0	60.0	41.6
117.0	0.1880	20.171	12.097	616.6	26.07	107.29	76.3	59.1	41.3
118.0	0.1880	20.015	12.002	602.2	25.85	106.46	76.5	58.1	41.0
119.0	0.1880	19.858	11.907	588.0	25.62	105.63	76.8	57.2	40.7
120.0	0.1880	19.701	11.813	574.1	25.40	104.79	77.0	56.3	40.4
121.0	0.1880	19.544	11.718	560.4	25.18	103.96	77.3	55.4	40.0
122.0	0.1880	19.388	11.623	546.9	24.95	103.13	77.5	54.5	39.7
123.0	0.1880	19.231	11.528	533.6	24.73	102.29	77.7	53.6	39.4
124.0	0.1880	19.074	11.433	520.5	24.51	101.46	78.0	52.7	39.1
125.0	0.1880	18.918	11.338	507.7	24.28	100.63	78.2	51.8	38.7
126.0	0.1880	18.761	11.243	495.0	24.06	99.79	78.5	51.0	38.4
127.0	0.1880	18.604	11.148	482.6	23.84	98.96	78.7	50.1	38.1
128.0	0.1880	18.448	11.054	470.4	23.61	98.13	79.0	49.3	37.8
129.0	0.1880	18.291	10.959	458.4	23.39	97.29	79.2	48.4	37.5
130.0	0.1880	18.134	10.864	446.6	23.17	96.46	79.4	47.6	37.1
131.0	0.1880	17.977	10.769	435.0	22.94	95.62	79.7	46.7	36.8
132.0	0.1880	17.821	10.674	423.6	22.72	94.79	79.9	45.9	36.5
133.0	0.1880	17.664	10.579	412.4	22.50	93.96	80.2	45.1	36.2
134.0	0.1880	17.507	10.484	401.4	22.27	93.12	80.4	44.3	35.8
135.0	0.1880	17.351	10.390	390.6	22.05	92.29	80.7	43.5	35.5
136.0	0.1880	17.194	10.295	380.0	21.83	91.46	80.9	42.7	35.2
137.0	0.1880	17.037	10.200	369.6	21.60	90.62	81.2	41.9	34.9
138.0	0.1880	16.880	10.105	359.4	21.38	89.79	81.4	41.1	34.5
139.0	0.1880	16.724	10.010	349.4	21.16	88.96	81.6	40.4	34.2
140.0	0.1880	16.567	9.915	339.5	20.93	88.12	81.9	39.6	33.9
141.0	0.1880	16.410	9.820	329.9	20.71	87.29	81.9	38.8	33.6
142.0	0.1880	16.254	9.725	320.4	20.49	86.46	81.9	38.1	33.3
143.0	0.1880	16.097	9.631	311.1	20.26	85.62	81.9	37.3	32.9
144.0	0.1880	15.940	9.536	302.0	20.04	84.79	81.9	36.6	32.6
145.0	0.1880	15.784	9.441	293.1	19.82	83.95	81.9	35.9	32.3
146.0	0.1880	15.627	9.346	284.3	19.59	83.12	81.9	35.2	32.0
147.0	0.1880	15.470	9.251	275.8	19.37	82.29	81.9	34.4	31.6
147.9	0.1880	15.315	9.157	267.5	19.15	81.46	81.9	33.7	31.0
148.0	0.1880	15.313	9.156	267.4	19.15	81.45	81.9	33.7	0.3
149.0	0.1880	15.157	9.061	259.2	18.92	80.62	81.9	33.0	31.0
150.0	0.1880	15.000	8.967	251.1	18.70	79.79	81.9	32.3	30.7

13,383.0

5,807.6

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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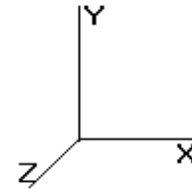
Load Case: 1.2D + 1.6W	105.00 mph with No Ice	36 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Shaft Segment Forces (Factored)

Seg Top		Ice						Wind	Dead	Tot Dead				
Elev (ft)	Description	Kzt	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		1.00	0.70	18.769	20.64	283.30	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	18.769	20.64	282.11	1.283	* 0.000	1.00	3.218	4.13	136.4	0.0	248.9
2.00		1.00	0.70	18.769	20.64	280.92	1.285	* 0.000	1.00	3.205	4.12	136.0	0.0	248.1
3.00		1.00	0.70	18.769	20.64	279.74	1.288	* 0.000	1.00	3.191	4.11	135.7	0.0	247.3
4.00		1.00	0.70	18.769	20.64	278.55	1.290	* 0.000	1.00	3.178	4.10	135.4	0.0	246.6
5.00		1.00	0.70	18.769	20.64	277.36	1.293	* 0.000	1.00	3.164	4.09	135.1	0.0	245.8
6.00		1.00	0.70	18.769	20.64	276.17	1.295	* 0.000	1.00	3.151	4.08	134.8	0.0	245.0
7.00		1.00	0.70	18.769	20.64	274.99	1.298	* 0.000	1.00	3.137	4.07	134.5	0.0	244.2
8.00		1.00	0.70	18.769	20.64	273.80	1.300	* 0.000	1.00	3.123	4.06	134.2	0.0	243.5
9.00	Reinf. Top Reinf	1.00	0.70	18.769	20.64	272.61	1.200	* 0.000	1.00	3.110	3.73	123.3	0.0	242.7
10.00		1.00	0.70	18.769	20.64	271.42	1.200	* 0.000	1.00	3.096	3.72	122.7	0.0	241.9
11.00		1.00	0.70	18.769	20.64	270.23	1.200	* 0.000	1.00	3.083	3.70	122.2	0.0	241.1
12.00		1.00	0.70	18.769	20.64	269.05	1.200	* 0.000	1.00	3.069	3.68	121.7	0.0	240.4
13.00		1.00	0.70	18.769	20.64	267.86	1.200	* 0.000	1.00	3.056	3.67	121.1	0.0	239.6
14.00		1.00	0.70	18.769	20.64	266.67	1.200	* 0.000	1.00	3.042	3.65	120.6	0.0	238.8
15.00		1.00	0.70	18.769	20.64	265.48	1.200	* 0.000	1.00	3.029	3.63	120.1	0.0	238.1
16.00		1.00	0.70	18.769	20.64	264.30	1.200	* 0.000	1.00	3.015	3.62	119.5	0.0	237.3
17.00		1.00	0.70	18.769	20.64	263.11	1.200	* 0.000	1.00	3.002	3.60	119.0	0.0	236.5
18.00		1.00	0.70	18.769	20.64	261.92	1.200	* 0.000	1.00	2.988	3.59	118.5	0.0	235.7
19.00		1.00	0.70	18.769	20.64	260.73	1.200	* 0.000	1.00	2.975	3.57	117.9	0.0	235.0
20.00		1.00	0.70	18.769	20.64	259.55	1.200	* 0.000	1.00	2.961	3.55	117.4	0.0	234.2
21.00		1.00	0.70	18.769	20.64	258.36	1.200	* 0.000	1.00	2.948	3.54	116.8	0.0	233.4
22.00		1.00	0.70	18.769	20.64	257.17	1.200	* 0.000	1.00	2.934	3.52	116.3	0.0	232.6
23.00		1.00	0.70	18.769	20.64	255.98	1.200	* 0.000	1.00	2.921	3.50	115.8	0.0	231.9
24.00		1.00	0.70	18.769	20.64	254.79	1.200	* 0.000	1.00	2.907	3.49	115.2	0.0	231.1
25.00		1.00	0.70	18.769	20.64	253.61	1.200	* 0.000	1.00	2.894	3.47	114.7	0.0	230.3
26.00		1.00	0.70	18.769	20.64	252.42	1.200	* 0.000	1.00	2.880	3.46	114.2	0.0	229.6
27.00		1.00	0.70	18.769	20.64	251.23	1.200	* 0.000	1.00	2.867	3.44	113.6	0.0	228.8
28.00		1.00	0.70	18.769	20.64	250.04	1.200	* 0.000	1.00	2.853	3.42	113.1	0.0	228.0
29.00		1.00	0.70	18.769	20.64	248.86	1.200	* 0.000	1.00	2.840	3.41	112.6	0.0	227.2
30.00		1.00	0.70	18.785	20.66	247.77	1.200	* 0.000	1.00	2.826	3.39	112.1	0.0	226.5
31.00		1.00	0.70	18.962	20.85	247.74	1.200	* 0.000	1.00	2.813	3.38	112.6	0.0	225.7
31.50	Bot - Section 2	1.00	0.71	19.049	20.95	247.71	1.200	* 0.000	0.50	1.411	1.69	56.7	0.0	113.3
32.00		1.00	0.71	19.134	21.04	247.67	1.200	* 0.000	0.50	1.415	1.70	57.2	0.0	178.5
33.00		1.00	0.72	19.303	21.23	247.56	1.200	* 0.000	1.00	2.840	3.41	115.8	0.0	358.3
34.00		1.00	0.72	19.469	21.41	247.41	1.200	* 0.000	1.00	2.826	3.39	116.2	0.0	356.9
35.00		1.00	0.73	19.631	21.59	247.22	1.200	* 0.000	1.00	2.812	3.37	116.6	0.0	355.5
35.67	Top - Section 1	1.00	0.73	19.737	21.71	247.07	1.200	* 0.000	0.67	1.877	2.25	78.2	0.0	237.4
36.00		1.00	0.73	19.789	21.76	251.87	1.200	* 0.000	0.33	0.922	1.11	38.5	0.0	65.6
37.00		1.00	0.74	19.945	21.93	251.63	1.200	* 0.000	1.00	2.785	3.34	117.3	0.0	198.4
38.00		1.00	0.75	20.097	22.10	251.36	1.200	* 0.000	1.00	2.772	3.33	117.7	0.0	197.7
39.00	Appertunance(s)	1.00	0.75	20.247	22.27	251.06	1.200	* 0.000	1.00	2.758	3.31	118.0	0.0	197.1
40.00		1.00	0.76	20.394	22.43	250.73	1.200	* 0.000	1.00	2.745	3.29	118.2	0.0	196.4
41.00		1.00	0.76	20.538	22.59	250.38	1.200	* 0.000	1.00	2.731	3.28	118.5	0.0	195.8
42.00		1.00	0.77	20.680	22.74	249.99	1.200	* 0.000	1.00	2.718	3.26	118.7	0.0	195.2
43.00		1.00	0.77	20.820	22.90	249.59	1.200	* 0.000	1.00	2.704	3.25	118.9	0.0	194.5
44.00		1.00	0.78	20.957	23.05	249.15	1.200	* 0.000	1.00	2.691	3.23	119.1	0.0	193.9
45.00		1.00	0.78	21.092	23.20	248.69	1.200	* 0.000	1.00	2.677	3.21	119.3	0.0	193.2
46.00		1.00	0.79	21.225	23.34	248.21	1.200	* 0.000	1.00	2.664	3.20	119.4	0.0	192.6
47.00		1.00	0.79	21.356	23.49	247.71	1.200	* 0.000	1.00	2.650	3.18	119.5	0.0	191.9
48.00		1.00	0.80	21.485	23.63	247.18	1.200	* 0.000	1.00	2.637	3.16	119.6	0.0	191.3

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

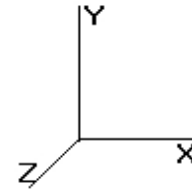
Dead Load Factor : 1.20

Wind Load Factor : 1.60

49.00		1.00	0.80	21.612	23.77	246.64	1.200	* 0.000	1.00	2.623	3.15	119.7	0.0	190.6
50.00		1.00	0.81	21.737	23.91	246.07	1.200	* 0.000	1.00	2.610	3.13	119.8	0.0	190.0
51.00		1.00	0.81	21.860	24.04	245.49	1.200	* 0.000	1.00	2.596	3.12	119.9	0.0	189.4
52.00		1.00	0.82	21.982	24.18	244.89	1.200	* 0.000	1.00	2.583	3.10	119.9	0.0	188.7
53.00		1.00	0.82	22.102	24.31	244.26	1.200	* 0.000	1.00	2.569	3.08	119.9	0.0	188.1
54.00		1.00	0.82	22.220	24.44	243.63	1.200	* 0.000	1.00	2.556	3.07	119.9	0.0	187.4
55.00		1.00	0.83	22.337	24.57	242.97	1.200	* 0.000	1.00	2.542	3.05	119.9	0.0	186.8
56.00		1.00	0.83	22.452	24.69	242.30	1.200	* 0.000	1.00	2.529	3.03	119.9	0.0	186.1
57.00		1.00	0.84	22.566	24.82	241.61	1.200	* 0.000	1.00	2.515	3.02	119.9	0.0	185.5
58.00		1.00	0.84	22.678	24.94	240.90	1.200	* 0.000	1.00	2.502	3.00	119.8	0.0	184.8
59.00		1.00	0.85	22.789	25.06	240.18	1.200	* 0.000	1.00	2.488	2.99	119.7	0.0	184.2
60.00		1.00	0.85	22.899	25.18	239.45	1.200	* 0.000	1.00	2.474	2.97	119.7	0.0	183.5
61.00		1.00	0.85	23.007	25.30	238.70	1.200	* 0.000	1.00	2.461	2.95	119.6	0.0	182.9
62.00		1.00	0.86	23.114	25.42	237.94	1.200	* 0.000	1.00	2.447	2.94	119.5	0.0	182.3
63.00		1.00	0.86	23.220	25.54	237.16	1.200	* 0.000	1.00	2.434	2.92	119.4	0.0	181.6
64.00		1.00	0.87	23.325	25.65	236.37	1.200	* 0.000	1.00	2.420	2.90	119.2	0.0	181.0
65.00		1.00	0.87	23.429	25.77	235.57	1.200	* 0.000	1.00	2.407	2.89	119.1	0.0	180.3
66.00		1.00	0.87	23.531	25.88	234.75	1.200	* 0.000	1.00	2.393	2.87	118.9	0.0	179.7
67.00		1.00	0.88	23.632	25.99	233.92	1.200	* 0.000	1.00	2.380	2.86	118.8	0.0	179.0
68.00		1.00	0.88	23.733	26.10	233.08	1.200	* 0.000	1.00	2.366	2.84	118.6	0.0	178.4
69.00		1.00	0.88	23.832	26.21	232.23	1.200	* 0.000	1.00	2.353	2.82	118.4	0.0	177.7
70.00		1.00	0.89	23.930	26.32	231.37	1.200	* 0.000	1.00	2.339	2.81	118.2	0.0	177.1
70.00	Bot - Section 3	1.00	0.89	23.930	26.32	231.37	1.200	* 0.000	0.00	0.008	0.01	0.4	0.0	0.6
71.00		1.00	0.89	24.027	26.43	230.50	1.200	* 0.000	1.00	2.361	2.83	119.8	0.0	265.0
72.00		1.00	0.90	24.123	26.53	229.61	1.200	* 0.000	1.00	2.355	2.83	120.0	0.0	264.7
73.00		1.00	0.90	24.219	26.64	228.71	1.200	* 0.000	1.00	2.342	2.81	119.8	0.0	263.6
73.50	Top - Section 2	1.00	0.90	24.266	26.69	228.26	1.200	* 0.000	0.50	1.174	1.41	60.1	0.0	132.2
74.00		1.00	0.90	24.313	26.74	232.12	1.200	* 0.000	0.50	1.155	1.39	59.3	0.0	76.8
75.00		1.00	0.91	24.406	26.84	231.21	1.200	* 0.000	1.00	2.315	2.78	119.3	0.0	154.2
76.00		1.00	0.91	24.499	26.94	230.29	1.200	* 0.000	1.00	2.301	2.76	119.1	0.0	153.7
77.00		1.00	0.91	24.591	27.05	229.36	1.200	* 0.000	1.00	2.288	2.75	118.8	0.0	153.1
78.00		1.00	0.92	24.681	27.15	228.42	1.200	* 0.000	1.00	2.274	2.73	118.6	0.0	152.6
79.00		1.00	0.92	24.771	27.24	227.48	1.200	* 0.000	1.00	2.261	2.71	118.3	0.0	152.1
80.00		1.00	0.92	24.861	27.34	226.52	1.200	* 0.000	1.00	2.247	2.70	118.0	0.0	151.6
81.00		1.00	0.93	24.949	27.44	225.55	1.200	* 0.000	1.00	2.234	2.68	117.7	0.0	151.1
82.00		1.00	0.93	25.037	27.54	224.58	1.200	* 0.000	1.00	2.220	2.66	117.4	0.0	150.6
83.00		1.00	0.93	25.124	27.63	223.59	1.200	* 0.000	1.00	2.207	2.65	117.1	0.0	150.1
84.00		1.00	0.94	25.210	27.73	222.60	1.200	* 0.000	1.00	2.193	2.63	116.8	0.0	149.5
85.00		1.00	0.94	25.295	27.82	221.59	1.200	* 0.000	1.00	2.180	2.62	116.4	0.0	149.0
86.00		1.00	0.94	25.380	27.91	220.58	1.200	* 0.000	1.00	2.166	2.60	116.1	0.0	148.5
86.94	Reinf. Top	1.00	0.94	25.459	28.00	219.63	1.200	* 0.000	0.94	2.024	2.43	108.8	0.0	139.1
87.00		1.00	0.95	25.464	28.01	219.57	1.200	* 0.000	0.06	0.129	0.15	6.9	0.0	4.9
88.00		1.00	0.95	25.547	28.10	218.54	1.200	* 0.000	1.00	2.139	2.57	115.4	0.0	80.7
89.00		1.00	0.95	25.630	28.19	217.50	1.200	* 0.000	1.00	2.126	2.55	115.1	0.0	80.2
90.00		1.00	0.95	25.711	28.28	216.46	1.200	* 0.000	1.00	2.112	2.53	114.7	0.0	79.6
91.00		1.00	0.96	25.793	28.37	215.41	1.200	* 0.000	1.00	2.099	2.52	114.3	0.0	79.1
92.00		1.00	0.96	25.873	28.46	214.35	1.200	* 0.000	1.00	2.085	2.50	113.9	0.0	78.6
93.00		1.00	0.96	25.953	28.54	213.29	1.200	* 0.000	1.00	2.071	2.49	113.5	0.0	78.1
94.00		1.00	0.97	26.033	28.63	212.22	1.200	* 0.000	1.00	2.058	2.47	113.1	0.0	77.6
95.00		1.00	0.97	26.112	28.72	211.14	1.000	0.000	1.00	2.044	2.04	94.0	0.0	77.1
96.00		1.00	0.97	26.190	28.80	210.05	1.000	0.000	1.00	2.031	2.03	93.6	0.0	76.6
97.00		1.00	0.98	26.268	28.89	208.95	1.000	0.000	1.00	2.017	2.02	93.3	0.0	76.0
98.00		1.00	0.98	26.345	28.97	207.85	1.000	0.000	1.00	2.004	2.00	92.9	0.0	75.5
99.00		1.00	0.98	26.421	29.06	206.75	1.000	0.000	1.00	1.990	1.99	92.6	0.0	75.0
100.0		1.00	0.98	26.497	29.14	205.63	1.000	0.000	1.00	1.977	1.98	92.2	0.0	74.5
101.0		1.00	0.99	26.573	29.23	204.51	1.000	0.000	1.00	1.963	1.96	91.8	0.0	74.0
102.0		1.00	0.99	26.648	29.31	203.38	1.000	0.000	1.00	1.950	1.95	91.4	0.0	73.5

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

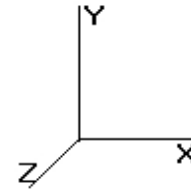
103.0		1.00	0.99	26.722	29.39	202.25	1.000	0.000	1.00	1.936	1.94	91.1	0.0	73.0
104.0		1.00	0.99	26.796	29.47	201.11	1.000	0.000	1.00	1.923	1.92	90.7	0.0	72.4
105.0		1.00	1.00	26.869	29.55	199.97	1.000	0.000	1.00	1.909	1.91	90.3	0.0	71.9
106.0		1.00	1.00	26.942	29.63	198.81	1.000	0.000	1.00	1.896	1.90	89.9	0.0	71.4
107.0		1.00	1.00	27.014	29.71	197.66	1.000	0.000	1.00	1.882	1.88	89.5	0.0	70.9
108.0		1.00	1.01	27.086	29.79	196.49	1.000	0.000	1.00	1.869	1.87	89.1	0.0	70.4
109.0		1.00	1.01	27.158	29.87	195.32	1.000	0.000	1.00	1.855	1.86	88.7	0.0	69.9
110.0		1.00	1.01	27.229	29.95	194.15	1.000	0.000	1.00	1.842	1.84	88.3	0.0	69.3
110.0	Top - Section 3	1.00	1.01	27.229	29.95	194.14	1.000	0.000	0.00	0.006	0.01	0.3	0.0	0.2
111.0		1.00	1.01	27.299	30.02	192.96	1.000	0.000	1.00	1.822	1.82	87.5	0.0	51.7
112.0		1.00	1.02	27.369	30.10	191.78	1.000	0.000	1.00	1.815	1.81	87.4	0.0	51.5
113.0		1.00	1.02	27.439	30.18	190.59	1.000	0.000	1.00	1.801	1.80	87.0	0.0	51.1
114.0		1.00	1.02	27.508	30.25	189.39	1.000	0.000	1.00	1.788	1.79	86.5	0.0	50.8
115.0		1.00	1.02	27.577	30.33	188.18	1.000	0.000	1.00	1.774	1.77	86.1	0.0	50.4
116.0		1.00	1.03	27.645	30.41	186.98	1.000	0.000	1.00	1.761	1.76	85.7	0.0	50.0
117.0		1.00	1.03	27.713	30.48	185.76	1.000	0.000	1.00	1.747	1.75	85.2	0.0	49.6
118.0		1.00	1.03	27.780	30.55	184.54	1.000	0.000	1.00	1.733	1.73	84.8	0.0	49.2
119.0	Appertunance(s)	1.00	1.03	27.847	30.63	183.32	1.000	0.000	1.00	1.720	1.72	84.3	0.0	48.8
120.0		1.00	1.04	27.914	30.70	182.09	1.000	0.000	1.00	1.706	1.71	83.8	0.0	48.4
121.0		1.00	1.04	27.980	30.77	180.86	1.000	0.000	1.00	1.693	1.69	83.4	0.0	48.0
122.0		1.00	1.04	28.046	30.85	179.62	1.000	0.000	1.00	1.679	1.68	82.9	0.0	47.7
123.0		1.00	1.04	28.112	30.92	178.37	1.000	0.000	1.00	1.666	1.67	82.4	0.0	47.3
124.0		1.00	1.05	28.177	30.99	177.12	1.000	0.000	1.00	1.652	1.65	81.9	0.0	46.9
125.0		1.00	1.05	28.242	31.06	175.87	1.000	0.000	1.00	1.639	1.64	81.5	0.0	46.5
126.0		1.00	1.05	28.306	31.13	174.61	1.000	0.000	1.00	1.625	1.63	81.0	0.0	46.1
127.0		1.00	1.05	28.370	31.20	173.35	1.000	0.000	1.00	1.612	1.61	80.5	0.0	45.7
128.0	Appertunance(s)	1.00	1.06	28.434	31.27	172.08	1.000	0.000	1.00	1.598	1.60	80.0	0.0	45.3
129.0		1.00	1.06	28.497	31.34	170.81	1.000	0.000	1.00	1.585	1.58	79.5	0.0	44.9
130.0		1.00	1.06	28.560	31.41	169.53	1.000	0.000	1.00	1.571	1.57	79.0	0.0	44.6
131.0		1.00	1.06	28.622	31.48	168.25	1.000	0.000	1.00	1.558	1.56	78.5	0.0	44.2
132.0		1.00	1.07	28.685	31.55	166.97	1.000	0.000	1.00	1.544	1.54	78.0	0.0	43.8
133.0		1.00	1.07	28.747	31.62	165.68	1.000	0.000	1.00	1.531	1.53	77.4	0.0	43.4
134.0		1.00	1.07	28.808	31.68	164.38	1.000	0.000	1.00	1.517	1.52	76.9	0.0	43.0
135.0		1.00	1.07	28.869	31.75	163.09	1.000	0.000	1.00	1.504	1.50	76.4	0.0	42.6
136.0		1.00	1.07	28.930	31.82	161.78	1.000	0.000	1.00	1.490	1.49	75.9	0.0	42.2
137.0		1.00	1.08	28.991	31.89	160.48	1.000	0.000	1.00	1.477	1.48	75.3	0.0	41.8
138.0		1.00	1.08	29.051	31.95	159.17	1.000	0.000	1.00	1.463	1.46	74.8	0.0	41.5
139.0		1.00	1.08	29.111	32.02	157.85	1.000	0.000	1.00	1.450	1.45	74.3	0.0	41.1
140.0		1.00	1.08	29.171	32.08	156.53	1.000	0.000	1.00	1.436	1.44	73.7	0.0	40.7
141.0		1.00	1.09	29.230	32.15	155.21	1.000	0.000	1.00	1.423	1.42	73.2	0.0	40.3
142.0		1.00	1.09	29.289	32.21	153.88	1.000	0.000	1.00	1.409	1.41	72.6	0.0	39.9
143.0		1.00	1.09	29.348	32.28	152.55	1.000	0.000	1.00	1.395	1.40	72.1	0.0	39.5
144.0		1.00	1.09	29.407	32.34	151.22	1.000	0.000	1.00	1.382	1.38	71.5	0.0	39.1
145.0		1.00	1.09	29.465	32.41	149.88	1.000	0.000	1.00	1.368	1.37	71.0	0.0	38.7
146.0		1.00	1.10	29.523	32.47	148.54	1.000	0.000	1.00	1.355	1.35	70.4	0.0	38.4
147.0		1.00	1.10	29.581	32.53	147.19	1.000	0.000	1.00	1.341	1.34	69.8	0.0	38.0
147.9	Appertunance(s)	1.00	1.10	29.637	32.60	145.85	1.000	0.000	0.99	1.315	1.31	68.6	0.0	37.2
148.0	Appertunance(s)	1.00	1.10	29.638	32.60	145.84	1.000	0.000	0.01	0.013	0.01	0.7	0.0	0.4
149.0		1.00	1.10	29.695	32.66	144.49	1.000	0.000	1.00	1.314	1.31	68.7	0.0	37.2
150.0		1.00	1.11	29.752	32.72	143.13	1.000	0.000	1.00	1.301	1.30	68.1	0.0	36.8

* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 15,821.0 0.0 21,867.1

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

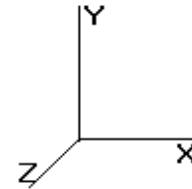
Wind Load Factor : 1.60

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
39.00	Stand-off	1	20.247	22.272	1.00	1.00	5.20	0.000	0.000	185.30	0.00	0.00	180.00
39.00	GPS	1	20.247	22.272	1.00	1.00	1.00	0.000	0.000	35.63	0.00	0.00	12.00
119.0	Antel BXA-80063/4CF	3	27.847	30.632	0.65	0.80	7.35	0.000	0.000	360.12	0.00	0.00	35.64
119.0	Round T-Arm	3	27.847	30.632	0.67	0.75	14.62	0.000	0.000	716.68	0.00	0.00	900.00
119.0	RFS FD9R6004/1C-3L	6	27.847	30.632	0.50	0.80	0.89	0.000	0.000	43.52	0.00	0.00	22.32
119.0	PCS1900 Dual Duplex	6	27.847	30.632	0.50	0.80	2.18	0.000	0.000	107.04	0.00	0.00	144.00
119.0	Alcatel-Lucent RRH2x	3	27.847	30.632	0.50	0.80	2.59	0.000	0.000	127.04	0.00	0.00	158.40
119.0	Antel BXA-171063-8BF	3	27.847	30.632	0.71	0.80	5.01	0.000	0.000	245.54	0.00	0.00	37.80
119.0	Antel BXA-171085-8CF	3	27.847	30.632	0.71	0.80	5.01	0.000	0.000	245.54	0.00	0.00	37.80
119.0	RFS DB-T1-6Z-8AB-0Z	1	27.847	30.632	0.50	0.80	1.92	0.000	0.000	94.10	0.00	0.00	52.80
119.0	Antel BXA-70063/6CF	3	27.847	30.632	0.65	0.80	11.81	0.000	0.000	578.79	0.00	0.00	61.20
119.0	GPS	1	27.847	30.632	1.00	0.80	0.80	0.000	0.000	39.21	0.00	0.00	12.00
128.0	Flat Light Sector Fr	3	28.434	31.277	0.67	0.75	26.98	0.000	0.000	1,350.37	0.00	0.00	1,440.00
128.0	Ericsson AIR 21, 1.3	3	28.560	31.416	0.70	0.80	10.15	0.000	2.000	510.05	0.00	1,020.10	329.40
128.0	Ericsson AIR 21, 1.3	3	28.560	31.416	0.70	0.80	10.21	0.000	2.000	513.43	0.00	1,026.86	325.44
147.9	7' Omni	1	29.920	32.912	1.00	0.75	1.57	0.000	5.000	82.94	0.00	414.69	30.00
147.9	15' Omni	1	30.141	33.156	1.00	0.75	3.38	0.000	9.000	179.04	0.00	1,611.36	48.00
147.9	8' Dipole	1	29.976	32.973	1.00	0.75	2.26	0.000	6.000	119.10	0.00	714.60	30.00
148.0	Ericsson RRUS 11 (Ba	6	29.921	32.913	0.50	0.75	5.67	0.000	5.000	298.58	0.00	1,492.92	396.00
148.0	Powerwave LGP13519	6	29.921	32.913	0.50	0.75	0.76	0.000	5.000	40.29	0.00	201.43	38.16
148.0	Allgon 7770.00	6	29.921	32.913	0.65	0.75	16.12	0.000	5.000	848.71	0.00	4,243.56	252.00
148.0	Platform w/ Handrail	1	29.638	32.602	1.00	1.00	40.70	0.000	0.000	2,123.02	0.00	0.00	2,820.00
148.0	TMA-DD1900	6	29.921	32.913	0.50	0.75	1.33	0.000	5.000	69.91	0.00	349.53	74.88
148.0	Raycap DC6-48-60-18-	1	29.921	32.913	1.00	0.75	0.96	0.000	5.000	50.55	0.00	252.77	38.16
148.0	KMW AM-X-CD-16-65-	3	29.921	32.913	0.67	0.75	12.09	0.000	5.000	636.67	0.00	3,183.35	174.60
										9,601.16			7,650.60

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

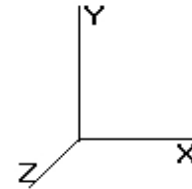
Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.194	1.283	0.00	0.00
2.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.195	1.285	0.00	0.00
3.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.196	1.288	0.00	0.00
4.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.197	1.290	0.00	0.00
5.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.198	1.293	0.00	0.00
6.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.198	1.295	0.00	0.00
7.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.199	1.298	0.00	0.00
8.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.200	1.300	0.00	0.00
9.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.201	0.000	14.44	0.00
10.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.202	0.000	14.44	0.00
11.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.203	0.000	14.44	0.00
12.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.204	0.000	14.44	0.00
13.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.205	0.000	14.44	0.00
14.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.205	0.000	14.44	0.00
15.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.206	0.000	14.44	0.00
16.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.207	0.000	14.44	0.00
17.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.208	0.000	14.44	0.00
18.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.209	0.000	14.44	0.00
19.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.210	0.000	14.44	0.00
20.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.211	0.000	14.44	0.00
21.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.212	0.000	14.44	0.00
22.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.213	0.000	14.44	0.00
23.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.214	0.000	14.44	0.00
24.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.215	0.000	14.44	0.00
25.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.216	0.000	14.44	0.00
26.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.217	0.000	14.44	0.00
27.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.218	0.000	14.44	0.00
28.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.219	0.000	14.44	0.00
29.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.220	0.000	14.44	0.00
30.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.785	0.221	0.000	14.45	0.00
31.00	(4) #20 Reinforcement	Yes	1.00	0.696	7.50	0.63	0.43	18.962	0.222	0.000	14.51	0.00
31.50	(4) #20 Reinforcement	Yes	0.50	0.694	7.50	0.31	0.22	19.049	0.223	0.000	7.32	0.00
32.00	(4) #20 Reinforcement	Yes	0.50	0.693	7.50	0.31	0.22	19.134	0.224	0.000	7.24	0.00
33.00	(4) #20 Reinforcement	Yes	1.00	0.690	7.50	0.63	0.43	19.303	0.224	0.000	14.64	0.00
34.00	(4) #20 Reinforcement	Yes	1.00	0.687	7.50	0.63	0.43	19.469	0.286	0.000	14.71	0.00
34.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	19.469	0.286	0.000	11.42	0.00
35.00	(4) #20 Reinforcement	Yes	1.00	0.684	7.50	0.63	0.43	19.631	0.287	0.000	14.77	0.00
35.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	19.631	0.287	0.000	11.52	0.00
35.67	(4) #20 Reinforcement	Yes	0.67	0.682	7.50	0.42	0.29	19.737	0.288	0.000	9.92	0.00
35.67	(4) Plate Reinforcement	Yes	0.67	2.000	2.00	0.11	0.22	19.737	0.288	0.000	7.76	0.00
36.00	(4) #20 Reinforcement	Yes	0.33	0.681	7.50	0.21	0.14	19.789	0.283	0.000	4.89	0.00
36.00	(4) Plate Reinforcement	Yes	0.33	2.000	2.00	0.06	0.11	19.789	0.283	0.000	3.83	0.00
37.00	(4) #20 Reinforcement	Yes	1.00	0.678	7.50	0.63	0.42	19.945	0.284	0.000	14.88	0.00
37.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	19.945	0.284	0.000	11.70	0.00
38.00	(4) #20 Reinforcement	Yes	1.00	0.676	7.50	0.63	0.42	20.097	0.286	0.000	14.94	0.00
38.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.097	0.286	0.000	11.79	0.00
39.00	(4) #20 Reinforcement	Yes	1.00	0.673	7.50	0.63	0.42	20.247	0.287	0.000	15.00	0.00
39.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.247	0.287	0.000	11.88	0.00
40.00	(4) #20 Reinforcement	Yes	1.00	0.671	7.50	0.63	0.42	20.394	0.288	0.000	15.05	0.00
40.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.394	0.288	0.000	11.96	0.00
41.00	(4) #20 Reinforcement	Yes	1.00	0.669	7.50	0.63	0.42	20.538	0.290	0.000	15.10	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

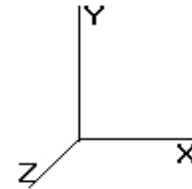
Dead Load Factor : 1.20

Wind Load Factor : 1.60

41.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.538	0.290	0.000	12.05	0.00
42.00	(4) #20 Reinforcement	Yes	1.00	0.666	7.50	0.63	0.42	20.680	0.291	0.000	15.16	0.00
42.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.680	0.291	0.000	12.13	0.00
43.00	(4) #20 Reinforcement	Yes	1.00	0.664	7.50	0.63	0.42	20.820	0.293	0.000	15.21	0.00
43.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.820	0.293	0.000	12.21	0.00
44.00	(4) #20 Reinforcement	Yes	1.00	0.662	7.50	0.63	0.41	20.957	0.294	0.000	15.26	0.00
44.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.957	0.294	0.000	12.29	0.00
45.00	(4) #20 Reinforcement	Yes	1.00	0.660	7.50	0.63	0.41	21.092	0.296	0.000	15.31	0.00
45.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.092	0.296	0.000	12.37	0.00
46.00	(4) #20 Reinforcement	Yes	1.00	0.658	7.50	0.63	0.41	21.225	0.297	0.000	15.35	0.00
46.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.225	0.297	0.000	12.45	0.00
47.00	(4) #20 Reinforcement	Yes	1.00	0.656	7.50	0.63	0.41	21.356	0.299	0.000	15.40	0.00
47.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.356	0.299	0.000	12.53	0.00
48.00	(4) #20 Reinforcement	Yes	1.00	0.654	7.50	0.63	0.41	21.485	0.300	0.000	15.45	0.00
48.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.485	0.300	0.000	12.60	0.00
49.00	(4) #20 Reinforcement	Yes	1.00	0.652	7.50	0.63	0.41	21.612	0.302	0.000	15.49	0.00
49.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.612	0.302	0.000	12.68	0.00
50.00	(4) #20 Reinforcement	Yes	1.00	0.650	7.50	0.63	0.41	21.737	0.303	0.000	15.54	0.00
50.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.737	0.303	0.000	12.75	0.00
51.00	(4) #20 Reinforcement	Yes	1.00	0.648	7.50	0.63	0.41	21.860	0.305	0.000	15.58	0.00
51.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.860	0.305	0.000	12.82	0.00
52.00	(4) #20 Reinforcement	Yes	1.00	0.646	7.50	0.63	0.40	21.982	0.307	0.000	15.63	0.00
52.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.982	0.307	0.000	12.90	0.00
53.00	(4) #20 Reinforcement	Yes	1.00	0.644	7.50	0.63	0.40	22.102	0.308	0.000	15.67	0.00
53.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.102	0.308	0.000	12.97	0.00
54.00	(4) #20 Reinforcement	Yes	1.00	0.643	7.50	0.63	0.40	22.220	0.310	0.000	15.71	0.00
54.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.220	0.310	0.000	13.04	0.00
55.00	(4) #20 Reinforcement	Yes	1.00	0.641	7.50	0.63	0.40	22.337	0.311	0.000	15.75	0.00
55.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.337	0.311	0.000	13.10	0.00
56.00	(4) #20 Reinforcement	Yes	1.00	0.639	7.50	0.63	0.40	22.452	0.313	0.000	15.79	0.00
56.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.452	0.313	0.000	13.17	0.00
57.00	(4) #20 Reinforcement	Yes	1.00	0.638	7.50	0.63	0.40	22.566	0.315	0.000	15.83	0.00
57.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.566	0.315	0.000	13.24	0.00
58.00	(4) #20 Reinforcement	Yes	1.00	0.636	7.50	0.63	0.40	22.678	0.316	0.000	15.87	0.00
58.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.678	0.316	0.000	13.30	0.00
59.00	(4) #20 Reinforcement	Yes	1.00	0.635	7.50	0.63	0.40	22.789	0.318	0.000	15.91	0.00
59.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.789	0.318	0.000	13.37	0.00
60.00	(4) #20 Reinforcement	Yes	1.00	0.633	7.50	0.63	0.40	22.899	0.320	0.000	15.95	0.00
60.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.899	0.320	0.000	13.43	0.00
61.00	(4) #20 Reinforcement	Yes	1.00	0.632	7.50	0.63	0.39	23.007	0.322	0.000	15.99	0.00
61.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.007	0.322	0.000	13.50	0.00
62.00	(4) #20 Reinforcement	Yes	1.00	0.630	7.50	0.63	0.39	23.114	0.323	0.000	16.02	0.00
62.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.114	0.323	0.000	13.56	0.00
63.00	(4) #20 Reinforcement	Yes	1.00	0.629	7.50	0.63	0.39	23.220	0.325	0.000	16.06	0.00
63.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.220	0.325	0.000	13.62	0.00
64.00	(4) #20 Reinforcement	Yes	1.00	0.627	7.50	0.63	0.39	23.325	0.327	0.000	16.10	0.00
64.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.325	0.327	0.000	13.68	0.00
65.00	(4) #20 Reinforcement	Yes	1.00	0.626	7.50	0.63	0.39	23.429	0.329	0.000	16.13	0.00
65.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.429	0.329	0.000	13.74	0.00
66.00	(4) #20 Reinforcement	Yes	1.00	0.625	7.50	0.63	0.39	23.531	0.331	0.000	16.17	0.00
66.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.531	0.331	0.000	13.80	0.00
67.00	(4) #20 Reinforcement	Yes	1.00	0.623	7.50	0.63	0.39	23.632	0.333	0.000	16.20	0.00
67.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.632	0.333	0.000	13.86	0.00
68.00	(4) #20 Reinforcement	Yes	1.00	0.622	7.50	0.63	0.39	23.733	0.335	0.000	16.24	0.00
68.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.733	0.335	0.000	13.92	0.00
69.00	(4) #20 Reinforcement	Yes	1.00	0.621	7.50	0.63	0.39	23.832	0.336	0.000	16.27	0.00
69.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.832	0.336	0.000	13.98	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

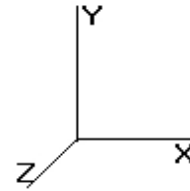
Wind Load Factor : 1.60

70.00	(4) #20 Reinforcement	Yes	1.00	0.619	7.50	0.63	0.39	23.930	0.338	0.000	16.30	0.00
70.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.930	0.338	0.000	14.04	0.00
70.00	(4) #20 Reinforcement	Yes	0.00	0.619	7.50	0.00	0.00	23.930	0.339	0.000	0.05	0.00
70.00	(4) Plate Reinforcement	Yes	0.00	2.000	2.00	0.00	0.00	23.930	0.339	0.000	0.05	0.00
71.00	(4) #20 Reinforcement	Yes	1.00	0.618	7.50	0.62	0.39	24.027	0.340	0.000	16.28	0.00
71.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.027	0.340	0.000	14.05	0.00
72.00	(4) #20 Reinforcement	Yes	1.00	0.617	7.50	0.63	0.39	24.123	0.342	0.000	16.37	0.00
72.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.123	0.342	0.000	14.15	0.00
73.00	(4) #20 Reinforcement	Yes	1.00	0.616	7.50	0.63	0.38	24.219	0.344	0.000	16.40	0.00
73.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.219	0.344	0.000	14.21	0.00
73.50	(4) #20 Reinforcement	Yes	0.50	0.615	7.50	0.31	0.19	24.266	0.346	0.000	8.26	0.00
73.50	(4) Plate Reinforcement	Yes	0.50	2.000	2.00	0.08	0.17	24.266	0.346	0.000	7.17	0.00
74.00	(4) #20 Reinforcement	Yes	0.50	0.614	7.50	0.31	0.19	24.313	0.341	0.000	8.16	0.00
74.00	(4) Plate Reinforcement	Yes	0.50	2.000	2.00	0.08	0.17	24.313	0.341	0.000	7.08	0.00
75.00	(4) #20 Reinforcement	Yes	1.00	0.613	7.50	0.63	0.38	24.406	0.342	0.000	16.47	0.00
75.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.406	0.342	0.000	14.32	0.00
76.00	(4) #20 Reinforcement	Yes	1.00	0.612	7.50	0.63	0.38	24.499	0.344	0.000	16.50	0.00
76.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.499	0.344	0.000	14.37	0.00
77.00	(4) #20 Reinforcement	Yes	1.00	0.611	7.50	0.63	0.38	24.591	0.346	0.000	16.53	0.00
77.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.591	0.346	0.000	14.43	0.00
78.00	(4) #20 Reinforcement	Yes	1.00	0.610	7.50	0.63	0.38	24.681	0.348	0.000	16.56	0.00
78.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.681	0.348	0.000	14.48	0.00
79.00	(4) #20 Reinforcement	Yes	1.00	0.609	7.50	0.63	0.38	24.771	0.350	0.000	16.59	0.00
79.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.771	0.350	0.000	14.53	0.00
80.00	(4) #20 Reinforcement	Yes	1.00	0.608	7.50	0.63	0.38	24.861	0.352	0.000	16.62	0.00
80.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.861	0.352	0.000	14.58	0.00
81.00	(4) #20 Reinforcement	Yes	1.00	0.607	7.50	0.63	0.38	24.949	0.354	0.000	16.65	0.00
81.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	24.949	0.354	0.000	14.64	0.00
82.00	(4) #20 Reinforcement	Yes	1.00	0.606	7.50	0.63	0.38	25.037	0.282	0.000	16.68	0.00
83.00	(4) #20 Reinforcement	Yes	1.00	0.604	7.50	0.63	0.38	25.124	0.283	0.000	16.71	0.00
84.00	(4) #20 Reinforcement	Yes	1.00	0.603	7.50	0.63	0.38	25.210	0.285	0.000	16.73	0.00
85.00	(4) #20 Reinforcement	Yes	1.00	0.602	7.50	0.63	0.38	25.295	0.287	0.000	16.76	0.00
86.00	(4) #20 Reinforcement	Yes	1.00	0.601	7.50	0.63	0.38	25.380	0.289	0.000	16.79	0.00
86.94	(4) #20 Reinforcement	Yes	0.94	0.601	7.50	0.59	0.35	25.459	0.290	0.000	15.81	0.00
87.00	(4) #20 Reinforcement	Yes	0.06	0.600	7.50	0.04	0.02	25.464	0.291	0.000	1.01	0.00
88.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	25.547	0.292	0.000	16.86	0.00
89.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	25.630	0.294	0.000	16.92	0.00
90.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	25.711	0.296	0.000	16.97	0.00
91.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	25.793	0.298	0.000	17.02	0.00
92.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	25.873	0.300	0.000	17.08	0.00
93.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	25.953	0.302	0.000	17.13	0.00
94.00	(4) #20 Reinforcement	Yes	1.00	0.600	7.50	0.63	0.38	26.033	0.304	0.000	17.18	0.00
Totals:											1,972.15	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

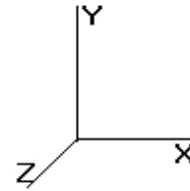
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	136.35	296.22	0.00	0.00
2.00	136.04	295.45	0.00	0.00
3.00	135.73	294.67	0.00	0.00
4.00	135.41	293.90	0.00	0.00
5.00	135.10	293.13	0.00	0.00
6.00	134.79	292.36	0.00	0.00
7.00	134.48	291.58	0.00	0.00
8.00	134.16	290.81	0.00	0.00
9.00	137.72	290.04	0.00	0.00
10.00	137.18	289.27	0.00	0.00
11.00	136.65	288.49	0.00	0.00
12.00	136.11	287.72	0.00	0.00
13.00	135.57	286.95	0.00	0.00
14.00	135.04	286.18	0.00	0.00
15.00	134.50	285.40	0.00	0.00
16.00	133.97	284.63	0.00	0.00
17.00	133.43	283.86	0.00	0.00
18.00	132.90	283.08	0.00	0.00
19.00	132.36	282.31	0.00	0.00
20.00	131.82	281.54	0.00	0.00
21.00	131.29	280.77	0.00	0.00
22.00	130.75	279.99	0.00	0.00
23.00	130.22	279.22	0.00	0.00
24.00	129.68	278.45	0.00	0.00
25.00	129.14	277.68	0.00	0.00
26.00	128.61	276.90	0.00	0.00
27.00	128.07	276.13	0.00	0.00
28.00	127.54	275.36	0.00	0.00
29.00	127.00	274.59	0.00	0.00
30.00	126.57	273.81	0.00	0.00
31.00	127.15	273.04	0.00	0.00
31.50	64.07	137.14	0.00	0.00
32.00	64.44	202.00	0.00	0.00
33.00	130.41	405.66	0.00	0.00
34.00	142.33	404.24	0.00	0.00
35.00	142.89	402.82	0.00	0.00
35.67	95.91	269.10	0.00	0.00
36.00	47.27	81.23	0.00	0.00
37.00	143.92	245.73	0.00	0.00
38.00	144.39	245.09	0.00	0.00
39.00	365.76	436.44	0.00	0.00
40.00	145.24	243.62	0.00	0.00
41.00	145.63	242.97	0.00	0.00
42.00	146.00	242.33	0.00	0.00
43.00	146.33	241.68	0.00	0.00
44.00	146.65	241.04	0.00	0.00
45.00	146.94	240.39	0.00	0.00
46.00	147.21	239.75	0.00	0.00
47.00	147.47	239.10	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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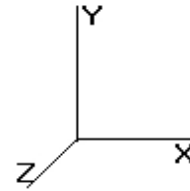
Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

48.00	147.69	238.46	0.00	0.00
49.00	147.90	237.81	0.00	0.00
50.00	148.10	237.17	0.00	0.00
51.00	148.27	236.52	0.00	0.00
52.00	148.42	235.88	0.00	0.00
53.00	148.56	235.23	0.00	0.00
54.00	148.68	234.59	0.00	0.00
55.00	148.78	233.94	0.00	0.00
56.00	148.86	233.30	0.00	0.00
57.00	148.94	232.65	0.00	0.00
58.00	148.99	232.01	0.00	0.00
59.00	149.03	231.36	0.00	0.00
60.00	149.06	230.72	0.00	0.00
61.00	149.07	230.07	0.00	0.00
62.00	149.06	229.43	0.00	0.00
63.00	149.05	228.78	0.00	0.00
64.00	149.02	228.14	0.00	0.00
65.00	148.97	227.49	0.00	0.00
66.00	148.92	226.85	0.00	0.00
67.00	148.85	226.20	0.00	0.00
68.00	148.77	225.56	0.00	0.00
69.00	148.68	224.91	0.00	0.00
70.00	148.57	224.27	0.00	0.00
70.00	0.49	0.75	0.00	0.00
71.00	150.14	312.01	0.00	0.00
72.00	150.53	311.90	0.00	0.00
73.00	150.40	310.74	0.00	0.00
73.50	75.58	155.97	0.00	0.00
74.00	74.54	100.19	0.00	0.00
75.00	150.10	201.34	0.00	0.00
76.00	149.94	200.83	0.00	0.00
77.00	149.77	200.31	0.00	0.00
78.00	149.59	199.80	0.00	0.00
79.00	149.40	199.28	0.00	0.00
80.00	149.19	198.77	0.00	0.00
81.00	148.98	198.25	0.00	0.00
82.00	134.07	197.74	0.00	0.00
83.00	133.79	197.22	0.00	0.00
84.00	133.50	196.71	0.00	0.00
85.00	133.20	196.19	0.00	0.00
86.00	132.90	195.68	0.00	0.00
86.94	124.63	183.47	0.00	0.00
87.00	7.93	7.69	0.00	0.00
88.00	132.27	127.85	0.00	0.00
89.00	131.97	127.33	0.00	0.00
90.00	131.66	126.82	0.00	0.00
91.00	131.34	126.30	0.00	0.00
92.00	131.01	125.79	0.00	0.00
93.00	130.67	125.27	0.00	0.00
94.00	130.33	124.76	0.00	0.00
95.00	93.96	124.24	0.00	0.00
96.00	93.61	123.73	0.00	0.00
97.00	93.27	123.21	0.00	0.00
98.00	92.91	122.70	0.00	0.00
99.00	92.55	122.18	0.00	0.00
100.0	92.19	121.67	0.00	0.00
101.0	91.82	121.15	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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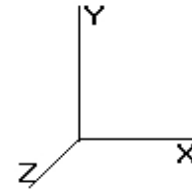
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Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

102.0	91.44	120.64	0.00	0.00
103.0	91.06	120.12	0.00	0.00
104.0	90.68	119.61	0.00	0.00
105.0	90.29	119.09	0.00	0.00
106.0	89.89	118.58	0.00	0.00
107.0	89.49	118.06	0.00	0.00
108.0	89.08	117.55	0.00	0.00
109.0	88.67	117.03	0.00	0.00
110.0	88.26	116.51	0.00	0.00
110.0	0.29	0.39	0.00	0.00
111.0	87.54	98.75	0.00	0.00
112.0	87.41	98.70	0.00	0.00
113.0	86.98	98.31	0.00	0.00
114.0	86.54	97.92	0.00	0.00
115.0	86.10	97.53	0.00	0.00
116.0	85.66	97.15	0.00	0.00
117.0	85.21	96.76	0.00	0.00
118.0	84.76	96.37	0.00	0.00
119.0	2,641.86	1,557.94	0.00	0.00
120.0	83.84	82.23	0.00	0.00
121.0	83.37	81.84	0.00	0.00
122.0	82.90	81.46	0.00	0.00
123.0	82.42	81.07	0.00	0.00
124.0	81.94	80.68	0.00	0.00
125.0	81.46	80.29	0.00	0.00
126.0	80.97	79.91	0.00	0.00
127.0	80.48	79.52	0.00	0.00
128.0	2,453.84	2,173.97	0.00	2,046.97
129.0	79.48	71.28	0.00	0.00
130.0	78.98	70.89	0.00	0.00
131.0	78.47	70.51	0.00	0.00
132.0	77.96	70.12	0.00	0.00
133.0	77.44	69.73	0.00	0.00
134.0	76.92	69.34	0.00	0.00
135.0	76.40	68.96	0.00	0.00
136.0	75.87	68.57	0.00	0.00
137.0	75.34	68.18	0.00	0.00
138.0	74.81	67.79	0.00	0.00
139.0	74.27	67.41	0.00	0.00
140.0	73.73	67.02	0.00	0.00
141.0	73.18	66.63	0.00	0.00
142.0	72.63	66.24	0.00	0.00
143.0	72.08	65.86	0.00	0.00
144.0	71.53	65.47	0.00	0.00
145.0	70.97	65.08	0.00	0.00
146.0	70.40	64.69	0.00	0.00
147.0	69.84	64.31	0.00	0.00
147.9	449.65	171.28	0.00	2,740.65
148.0	4,068.42	3,794.40	0.00	9,723.55
149.0	68.69	37.19	0.00	0.00
150.0	68.12	36.81	0.00	0.00
Totals:	27,394.28	35,968.76	0.00	14,511.16

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



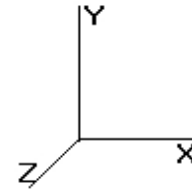
Load Case: 1.2D + 1.6W	105.00 mph with No Ice	36 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-35.95	-27.41	0.00	-2,618.29	0.00	2,618.29	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.682
1.00	-35.63	-27.31	0.00	-2,590.88	0.00	2,590.88	3,148.69	1,574.34	4,778.83	2,360.09	0.01	-0.06	0.678
2.00	-35.31	-27.21	0.00	-2,563.57	0.00	2,563.57	3,140.17	1,570.08	4,745.43	2,343.59	0.03	-0.12	0.674
3.00	-34.99	-27.11	0.00	-2,536.36	0.00	2,536.36	3,131.60	1,565.80	4,712.07	2,327.11	0.06	-0.17	0.670
4.00	-34.66	-27.01	0.00	-2,509.25	0.00	2,509.25	3,123.00	1,561.50	4,678.76	2,310.67	0.10	-0.23	0.666
5.00	-34.34	-26.91	0.00	-2,482.24	0.00	2,482.24	3,114.35	1,557.18	4,645.51	2,294.24	0.15	-0.29	0.663
6.00	-34.03	-26.81	0.00	-2,455.34	0.00	2,455.34	3,105.67	1,552.83	4,612.30	2,277.84	0.22	-0.35	0.659
7.00	-33.71	-26.70	0.00	-2,428.53	0.00	2,428.53	3,096.94	1,548.47	4,579.15	2,261.47	0.30	-0.41	0.655
8.00	-33.39	-26.60	0.00	-2,401.83	0.00	2,401.83	3,088.17	1,544.08	4,546.05	2,245.12	0.39	-0.46	0.651
9.00	-33.08	-26.49	0.00	-2,375.23	0.00	2,375.23	3,079.35	1,539.68	4,513.00	2,228.80	0.50	-0.52	0.647
9.00	-33.08	-26.49	0.00	-2,375.23	0.00	2,375.23	3,079.35	1,539.68	4,513.00	2,228.80	0.50	-0.52	0.647
10.00	-32.76	-26.39	0.00	-2,348.74	0.00	2,348.74	3,070.50	1,535.25	4,480.00	2,212.51	0.61	-0.58	0.643
11.00	-32.45	-26.28	0.00	-2,322.35	0.00	2,322.35	3,061.60	1,530.80	4,447.07	2,196.24	0.74	-0.64	0.639
12.00	-32.14	-26.17	0.00	-2,296.07	0.00	2,296.07	3,052.67	1,526.33	4,414.18	2,180.00	0.88	-0.70	0.635
13.00	-31.82	-26.07	0.00	-2,269.90	0.00	2,269.90	3,043.69	1,521.84	4,381.36	2,163.79	1.03	-0.75	0.631
14.00	-31.51	-25.96	0.00	-2,243.83	0.00	2,243.83	3,034.67	1,517.33	4,348.59	2,147.60	1.20	-0.81	0.626
15.00	-31.20	-25.85	0.00	-2,217.88	0.00	2,217.88	3,025.61	1,512.80	4,315.88	2,131.45	1.37	-0.87	0.622
16.00	-30.90	-25.74	0.00	-2,192.02	0.00	2,192.02	3,016.50	1,508.25	4,283.23	2,115.32	1.56	-0.93	0.618
17.00	-30.59	-25.64	0.00	-2,166.28	0.00	2,166.28	3,007.36	1,503.68	4,250.63	2,099.23	1.76	-0.99	0.614
18.00	-30.28	-25.53	0.00	-2,140.64	0.00	2,140.64	2,998.17	1,499.09	4,218.10	2,083.16	1.98	-1.04	0.610
19.00	-29.98	-25.42	0.00	-2,115.12	0.00	2,115.12	2,988.94	1,494.47	4,185.63	2,067.13	2.20	-1.10	0.606
20.00	-29.67	-25.31	0.00	-2,089.69	0.00	2,089.69	2,979.67	1,489.84	4,153.23	2,051.12	2.44	-1.16	0.602
21.00	-29.37	-25.21	0.00	-2,064.38	0.00	2,064.38	2,970.36	1,485.18	4,120.88	2,035.15	2.69	-1.22	0.598
22.00	-29.07	-25.10	0.00	-2,039.17	0.00	2,039.17	2,961.01	1,480.51	4,088.60	2,019.21	2.95	-1.27	0.593
23.00	-28.77	-24.99	0.00	-2,014.07	0.00	2,014.07	2,951.62	1,475.81	4,056.39	2,003.30	3.22	-1.33	0.589
24.00	-28.46	-24.88	0.00	-1,989.08	0.00	1,989.08	2,942.18	1,471.09	4,024.24	1,987.42	3.51	-1.39	0.585
25.00	-28.17	-24.78	0.00	-1,964.20	0.00	1,964.20	2,932.70	1,466.35	3,992.16	1,971.58	3.81	-1.45	0.581
26.00	-27.87	-24.67	0.00	-1,939.42	0.00	1,939.42	2,923.18	1,461.59	3,960.14	1,955.77	4.11	-1.50	0.577
27.00	-27.57	-24.56	0.00	-1,914.76	0.00	1,914.76	2,913.62	1,456.81	3,928.19	1,939.99	4.44	-1.56	0.572
28.00	-27.27	-24.45	0.00	-1,890.20	0.00	1,890.20	2,903.09	1,451.54	3,895.07	1,923.63	4.77	-1.62	0.568
29.00	-26.98	-24.34	0.00	-1,865.74	0.00	1,865.74	2,889.14	1,444.57	3,857.52	1,905.08	5.11	-1.67	0.565
30.00	-26.69	-24.24	0.00	-1,841.40	0.00	1,841.40	2,875.19	1,437.60	3,820.15	1,886.63	5.47	-1.73	0.561
31.00	-26.40	-24.12	0.00	-1,817.16	0.00	1,817.16	2,861.25	1,430.62	3,782.97	1,868.27	5.84	-1.79	0.558
31.50	-26.25	-24.07	0.00	-1,805.02	0.00	1,805.02	2,854.23	1,427.11	3,764.32	1,859.06	6.03	-1.82	0.556
32.00	-26.03	-24.01	0.00	-1,793.07	0.00	1,793.07	2,847.30	1,423.65	3,745.97	1,849.99	6.22	-1.85	0.547
33.00	-25.61	-23.90	0.00	-1,769.06	0.00	1,769.06	2,833.35	1,416.68	3,709.14	1,831.81	6.61	-1.90	0.543
34.00	-25.19	-23.76	0.00	-1,745.16	0.00	1,745.16	2,819.40	1,409.70	3,672.50	1,813.71	7.02	-1.96	0.539
35.00	-24.77	-23.63	0.00	-1,721.40	0.00	1,721.40	2,805.46	1,402.73	3,636.05	1,795.71	7.44	-2.01	0.536
35.67	-24.49	-23.53	0.00	-1,705.57	0.00	1,705.57	2,253.05	1,126.52	2,980.43	1,471.92	7.72	-2.05	0.613
36.00	-24.40	-23.50	0.00	-1,697.80	0.00	1,697.80	2,250.82	1,125.41	2,972.64	1,468.08	7.86	-2.07	0.611
37.00	-24.13	-23.37	0.00	-1,674.30	0.00	1,674.30	2,244.05	1,122.03	2,949.07	1,456.43	8.30	-2.13	0.605
38.00	-23.87	-23.24	0.00	-1,650.93	0.00	1,650.93	2,237.24	1,118.62	2,925.53	1,444.81	8.76	-2.19	0.600
39.00	-23.42	-22.88	0.00	-1,627.69	0.00	1,627.69	2,230.38	1,115.19	2,902.02	1,433.20	9.22	-2.25	0.594
40.00	-23.16	-22.75	0.00	-1,604.80	0.00	1,604.80	2,223.49	1,111.74	2,878.55	1,421.61	9.70	-2.30	0.589
41.00	-22.90	-22.62	0.00	-1,582.05	0.00	1,582.05	2,216.55	1,108.27	2,855.12	1,410.04	10.19	-2.36	0.583
42.00	-22.64	-22.49	0.00	-1,559.43	0.00	1,559.43	2,209.57	1,104.78	2,831.72	1,398.48	10.69	-2.42	0.578
43.00	-22.39	-22.36	0.00	-1,536.94	0.00	1,536.94	2,202.55	1,101.27	2,808.37	1,386.95	11.20	-2.48	0.572
44.00	-22.13	-22.22	0.00	-1,514.58	0.00	1,514.58	2,195.48	1,097.74	2,785.05	1,375.43	11.73	-2.54	0.567
45.00	-21.87	-22.08	0.00	-1,492.36	0.00	1,492.36	2,188.38	1,094.19	2,761.77	1,363.93	12.27	-2.60	0.561
46.00	-21.62	-21.95	0.00	-1,470.28	0.00	1,470.28	2,181.23	1,090.62	2,738.53	1,352.46	12.82	-2.65	0.556
47.00	-21.37	-21.81	0.00	-1,448.33	0.00	1,448.33	2,174.05	1,087.02	2,715.33	1,341.00	13.38	-2.71	0.550

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

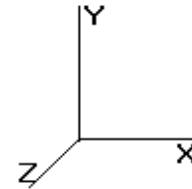
Dead Load Factor : 1.20

Wind Load Factor : 1.60

48.00	-21.11	-21.67	0.00	-1,426.52	0.00	1,426.52	2,166.82	1,083.41	2,692.17	1,329.56	13.95	-2.77	0.545
49.00	-20.86	-21.54	0.00	-1,404.85	0.00	1,404.85	2,159.55	1,079.77	2,669.06	1,318.15	14.54	-2.83	0.539
50.00	-20.61	-21.40	0.00	-1,383.31	0.00	1,383.31	2,152.23	1,076.12	2,645.99	1,306.76	15.14	-2.88	0.533
51.00	-20.36	-21.26	0.00	-1,361.92	0.00	1,361.92	2,144.88	1,072.44	2,622.97	1,295.38	15.75	-2.94	0.528
52.00	-20.11	-21.12	0.00	-1,340.66	0.00	1,340.66	2,137.48	1,068.74	2,599.99	1,284.04	16.37	-3.00	0.522
53.00	-19.86	-20.97	0.00	-1,319.55	0.00	1,319.55	2,130.05	1,065.02	2,577.05	1,272.71	17.00	-3.05	0.517
54.00	-19.62	-20.83	0.00	-1,298.57	0.00	1,298.57	2,122.57	1,061.28	2,554.17	1,261.41	17.65	-3.11	0.511
55.00	-19.37	-20.69	0.00	-1,277.74	0.00	1,277.74	2,115.05	1,057.52	2,531.33	1,250.13	18.30	-3.16	0.506
56.00	-19.13	-20.55	0.00	-1,257.05	0.00	1,257.05	2,107.48	1,053.74	2,508.54	1,238.87	18.97	-3.22	0.500
57.00	-18.88	-20.40	0.00	-1,236.50	0.00	1,236.50	2,099.88	1,049.94	2,485.80	1,227.64	19.65	-3.28	0.495
58.00	-18.64	-20.26	0.00	-1,216.10	0.00	1,216.10	2,092.24	1,046.12	2,463.11	1,216.44	20.35	-3.33	0.489
59.00	-18.40	-20.11	0.00	-1,195.84	0.00	1,195.84	2,084.55	1,042.27	2,440.47	1,205.26	21.05	-3.39	0.484
60.00	-18.16	-19.97	0.00	-1,175.73	0.00	1,175.73	2,076.82	1,038.41	2,417.88	1,194.10	21.76	-3.44	0.478
61.00	-17.92	-19.82	0.00	-1,155.76	0.00	1,155.76	2,069.05	1,034.53	2,395.35	1,182.97	22.49	-3.50	0.472
62.00	-17.68	-19.68	0.00	-1,135.94	0.00	1,135.94	2,061.24	1,030.62	2,372.86	1,171.87	23.23	-3.55	0.467
63.00	-17.44	-19.53	0.00	-1,116.26	0.00	1,116.26	2,053.39	1,026.69	2,350.44	1,160.79	23.98	-3.60	0.461
64.00	-17.21	-19.38	0.00	-1,096.73	0.00	1,096.73	2,045.49	1,022.75	2,328.07	1,149.74	24.74	-3.66	0.456
65.00	-16.97	-19.24	0.00	-1,077.34	0.00	1,077.34	2,037.55	1,018.78	2,305.75	1,138.72	25.51	-3.71	0.450
66.00	-16.74	-19.09	0.00	-1,058.11	0.00	1,058.11	2,029.58	1,014.79	2,283.49	1,127.73	26.29	-3.77	0.444
67.00	-16.50	-18.94	0.00	-1,039.02	0.00	1,039.02	2,020.20	1,010.10	2,259.77	1,116.01	27.09	-3.82	0.439
68.00	-16.27	-18.79	0.00	-1,020.08	0.00	1,020.08	2,008.56	1,004.28	2,233.65	1,103.12	27.89	-3.87	0.434
69.00	-16.04	-18.64	0.00	-1,001.29	0.00	1,001.29	1,996.92	998.46	2,207.69	1,090.29	28.71	-3.92	0.430
70.00	-15.82	-18.49	0.00	-982.65	0.00	982.65	1,985.27	992.64	2,181.87	1,077.55	29.54	-3.98	0.425
70.00	-15.81	-18.49	0.00	-982.58	0.00	982.58	1,985.24	992.62	2,181.79	1,077.50	29.54	-3.98	0.425
71.00	-15.49	-18.34	0.00	-964.15	0.00	964.15	1,973.63	986.82	2,156.21	1,064.87	30.37	-4.03	0.413
72.00	-15.18	-18.18	0.00	-945.82	0.00	945.82	1,961.99	981.00	2,130.70	1,052.27	31.22	-4.08	0.408
73.00	-14.87	-18.01	0.00	-927.64	0.00	927.64	1,950.35	975.17	2,105.35	1,039.75	32.08	-4.13	0.403
73.50	-14.71	-17.93	0.00	-918.57	0.00	918.57	1,473.96	736.98	1,624.57	802.31	32.52	-4.15	0.471
74.00	-14.60	-17.86	0.00	-909.67	0.00	909.67	1,471.43	735.72	1,617.01	798.58	32.95	-4.18	0.467
75.00	-14.39	-17.71	0.00	-891.81	0.00	891.81	1,466.30	733.15	1,601.82	791.08	33.83	-4.23	0.460
76.00	-14.19	-17.56	0.00	-874.09	0.00	874.09	1,461.13	730.56	1,586.64	783.58	34.72	-4.29	0.453
77.00	-13.98	-17.41	0.00	-856.53	0.00	856.53	1,455.91	727.96	1,571.48	776.10	35.63	-4.34	0.446
78.00	-13.78	-17.26	0.00	-839.13	0.00	839.13	1,450.65	725.33	1,556.35	768.62	36.54	-4.39	0.439
79.00	-13.58	-17.10	0.00	-821.87	0.00	821.87	1,445.36	722.68	1,541.24	761.16	37.47	-4.44	0.432
80.00	-13.38	-16.95	0.00	-804.77	0.00	804.77	1,440.02	720.01	1,526.16	753.71	38.40	-4.49	0.425
81.00	-13.18	-16.80	0.00	-787.81	0.00	787.81	1,434.64	717.32	1,511.11	746.28	39.35	-4.54	0.418
82.00	-12.97	-16.66	0.00	-771.02	0.00	771.02	1,429.21	714.61	1,496.08	738.86	40.30	-4.59	0.411
83.00	-12.77	-16.52	0.00	-754.35	0.00	754.35	1,423.75	711.87	1,481.07	731.45	41.27	-4.65	0.404
84.00	-12.58	-16.39	0.00	-737.83	0.00	737.83	1,418.24	709.12	1,466.10	724.05	42.25	-4.69	0.397
85.00	-12.38	-16.25	0.00	-721.45	0.00	721.45	1,412.69	706.35	1,451.15	716.67	43.24	-4.74	0.391
86.00	-12.18	-16.11	0.00	-705.20	0.00	705.20	1,407.10	703.55	1,436.24	709.30	44.24	-4.79	0.384
86.94	-12.00	-15.97	0.00	-690.06	0.00	690.06	1,401.81	700.91	1,422.25	702.39	45.18	-4.84	0.377
86.94	-12.00	-15.97	0.00	-690.06	0.00	690.06	1,401.81	700.91	1,422.25	702.39	45.18	-4.84	0.992
87.00	-11.98	-15.98	0.00	-689.10	0.00	689.10	1,401.47	700.74	1,421.36	701.95	45.24	-4.84	0.991
88.00	-11.82	-15.86	0.00	-673.12	0.00	673.12	1,395.80	697.90	1,406.50	694.62	46.27	-4.97	0.978
89.00	-11.67	-15.75	0.00	-657.26	0.00	657.26	1,390.09	695.04	1,391.68	687.30	47.32	-5.09	0.965
90.00	-11.53	-15.63	0.00	-641.51	0.00	641.51	1,384.33	692.17	1,376.89	680.00	48.40	-5.22	0.952
91.00	-11.38	-15.51	0.00	-625.89	0.00	625.89	1,378.53	689.27	1,362.14	672.71	49.51	-5.34	0.939
92.00	-11.23	-15.39	0.00	-610.38	0.00	610.38	1,372.70	686.35	1,347.42	665.44	50.64	-5.47	0.926
93.00	-11.09	-15.27	0.00	-594.98	0.00	594.98	1,366.81	683.41	1,332.74	658.19	51.80	-5.59	0.913
94.00	-10.94	-15.16	0.00	-579.71	0.00	579.71	1,360.89	680.45	1,318.09	650.96	52.98	-5.71	0.899
95.00	-10.80	-15.07	0.00	-564.56	0.00	564.56	1,354.93	677.46	1,303.48	643.74	54.19	-5.83	0.885
96.00	-10.65	-14.99	0.00	-549.48	0.00	549.48	1,348.92	674.46	1,288.91	636.54	55.42	-5.95	0.872
97.00	-10.51	-14.90	0.00	-534.50	0.00	534.50	1,342.88	671.44	1,274.38	629.37	56.68	-6.07	0.858
98.00	-10.37	-14.82	0.00	-519.59	0.00	519.59	1,336.79	668.39	1,259.89	622.21	57.96	-6.19	0.843
99.00	-10.23	-14.74	0.00	-504.77	0.00	504.77	1,330.66	665.33	1,245.43	615.07	59.27	-6.31	0.829
100.00	-10.09	-14.65	0.00	-490.04	0.00	490.04	1,324.49	662.24	1,231.02	607.96	60.60	-6.43	0.814

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

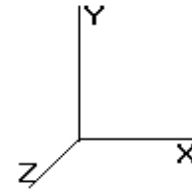


Load Case: 1.2D + 1.6W 105.00 mph with No Ice 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

101.00	-9.95	-14.57	0.00	-475.38	0.00	475.38	1,318.27	659.14	1,216.65	600.86	61.96	-6.55	0.799
102.00	-9.81	-14.48	0.00	-460.82	0.00	460.82	1,312.02	656.01	1,202.33	593.78	63.34	-6.66	0.784
103.00	-9.67	-14.40	0.00	-446.33	0.00	446.33	1,305.72	652.86	1,188.04	586.73	64.74	-6.77	0.769
104.00	-9.53	-14.31	0.00	-431.94	0.00	431.94	1,299.39	649.69	1,173.81	579.70	66.17	-6.89	0.753
105.00	-9.40	-14.23	0.00	-417.63	0.00	417.63	1,293.01	646.50	1,159.61	572.69	67.62	-7.00	0.737
106.00	-9.27	-14.14	0.00	-403.40	0.00	403.40	1,284.34	642.17	1,143.47	564.72	69.09	-7.11	0.722
107.00	-9.13	-14.05	0.00	-389.26	0.00	389.26	1,275.05	637.52	1,126.88	556.52	70.59	-7.22	0.707
108.00	-9.00	-13.97	0.00	-375.21	0.00	375.21	1,265.75	632.87	1,110.41	548.39	72.11	-7.32	0.692
109.00	-8.87	-13.88	0.00	-361.24	0.00	361.24	1,256.45	628.22	1,094.06	540.32	73.65	-7.43	0.676
110.00	-8.76	-13.78	0.00	-347.37	0.00	347.37	1,247.15	623.58	1,077.84	532.30	75.21	-7.53	0.660
110.00	-8.74	-13.79	0.00	-347.32	0.00	347.32	1,247.12	623.56	1,077.78	532.28	75.22	-7.53	0.660
110.00	-8.74	-13.79	0.00	-347.32	0.00	347.32	856.50	428.25	744.58	367.72	75.22	-7.53	0.956
111.00	-8.63	-13.71	0.00	-333.57	0.00	333.57	852.92	426.46	735.92	363.44	76.80	-7.63	0.929
112.00	-8.51	-13.63	0.00	-319.86	0.00	319.86	849.29	424.65	727.25	359.16	78.41	-7.76	0.902
113.00	-8.40	-13.55	0.00	-306.23	0.00	306.23	845.62	422.81	718.59	354.89	80.04	-7.89	0.874
114.00	-8.28	-13.47	0.00	-292.69	0.00	292.69	841.90	420.95	709.95	350.62	81.70	-8.02	0.846
115.00	-8.17	-13.39	0.00	-279.22	0.00	279.22	838.15	419.07	701.32	346.35	83.39	-8.14	0.817
116.00	-8.06	-13.30	0.00	-265.83	0.00	265.83	834.35	417.17	692.70	342.10	85.10	-8.26	0.788
117.00	-7.95	-13.22	0.00	-252.53	0.00	252.53	830.51	415.25	684.10	337.85	86.84	-8.38	0.758
118.00	-7.84	-13.14	0.00	-239.31	0.00	239.31	826.63	413.31	675.51	333.61	88.60	-8.49	0.728
119.00	-6.67	-10.31	0.00	-226.17	0.00	226.17	822.70	411.35	666.94	329.38	90.38	-8.60	0.695
120.00	-6.59	-10.22	0.00	-215.86	0.00	215.86	818.74	409.37	658.39	325.15	92.19	-8.71	0.673
121.00	-6.50	-10.14	0.00	-205.64	0.00	205.64	814.73	407.37	649.85	320.94	94.02	-8.81	0.649
122.00	-6.41	-10.06	0.00	-195.50	0.00	195.50	810.68	405.34	641.34	316.73	95.87	-8.91	0.626
123.00	-6.33	-9.97	0.00	-185.44	0.00	185.44	806.59	403.30	632.85	312.54	97.74	-9.01	0.602
124.00	-6.25	-9.89	0.00	-175.46	0.00	175.46	802.46	401.23	624.37	308.35	99.63	-9.11	0.577
125.00	-6.16	-9.81	0.00	-165.57	0.00	165.57	798.29	399.15	615.92	304.18	101.54	-9.20	0.553
126.00	-6.08	-9.73	0.00	-155.76	0.00	155.76	794.08	397.04	607.49	300.02	103.47	-9.29	0.527
127.00	-6.00	-9.64	0.00	-146.04	0.00	146.04	789.82	394.91	599.09	295.87	105.42	-9.38	0.502
128.00	-4.25	-6.87	0.00	-134.35	0.00	134.35	785.52	392.76	590.71	291.73	107.38	-9.46	0.466
129.00	-4.19	-6.79	0.00	-127.48	0.00	127.48	781.19	390.59	582.35	287.60	109.36	-9.54	0.449
130.00	-4.12	-6.70	0.00	-120.69	0.00	120.69	776.80	388.40	574.02	283.49	111.36	-9.62	0.431
131.00	-4.05	-6.62	0.00	-113.99	0.00	113.99	772.38	386.19	565.72	279.39	113.38	-9.69	0.414
132.00	-3.99	-6.53	0.00	-107.37	0.00	107.37	767.92	383.96	557.44	275.30	115.40	-9.77	0.396
133.00	-3.93	-6.45	0.00	-100.84	0.00	100.84	763.41	381.71	549.20	271.23	117.45	-9.84	0.377
134.00	-3.86	-6.37	0.00	-94.39	0.00	94.39	758.87	379.43	540.98	267.17	119.50	-9.90	0.359
135.00	-3.80	-6.29	0.00	-88.02	0.00	88.02	754.28	377.14	532.79	263.12	121.58	-9.97	0.340
136.00	-3.74	-6.20	0.00	-81.74	0.00	81.74	749.65	374.82	524.63	259.10	123.66	-10.03	0.321
137.00	-3.68	-6.12	0.00	-75.53	0.00	75.53	744.98	372.49	516.51	255.08	125.76	-10.09	0.301
138.00	-3.62	-6.04	0.00	-69.41	0.00	69.41	740.26	370.13	508.41	251.09	127.86	-10.14	0.282
139.00	-3.56	-5.96	0.00	-63.38	0.00	63.38	735.51	367.75	500.35	247.10	129.98	-10.20	0.262
140.00	-3.51	-5.87	0.00	-57.42	0.00	57.42	730.85	365.43	492.42	243.19	132.11	-10.25	0.241
141.00	-3.45	-5.79	0.00	-51.55	0.00	51.55	723.86	361.93	482.99	238.53	134.25	-10.29	0.221
142.00	-3.39	-5.71	0.00	-45.75	0.00	45.75	716.87	358.43	473.65	233.92	136.40	-10.33	0.201
143.00	-3.34	-5.63	0.00	-40.04	0.00	40.04	709.87	354.94	464.40	229.35	138.56	-10.37	0.180
144.00	-3.28	-5.55	0.00	-34.41	0.00	34.41	702.88	351.44	455.24	224.83	140.72	-10.41	0.158
145.00	-3.23	-5.47	0.00	-28.86	0.00	28.86	695.89	347.94	446.18	220.35	142.90	-10.44	0.136
146.00	-3.18	-5.39	0.00	-23.39	0.00	23.39	688.90	344.45	437.20	215.92	145.07	-10.46	0.113
147.00	-3.12	-5.31	0.00	-17.99	0.00	17.99	681.90	340.95	428.32	211.53	147.25	-10.48	0.090
147.99	-3.04	-4.84	0.00	-9.99	0.00	9.99	674.98	337.49	419.62	207.23	149.42	-10.50	0.053
148.00	-0.05	-0.15	0.00	-0.22	0.00	0.22	674.91	337.46	419.53	207.19	149.44	-10.50	0.001
149.00	-0.02	-0.07	0.00	-0.07	0.00	0.07	667.92	333.96	410.83	202.89	151.63	-10.50	0.000
150.00	0.00	-0.07	0.00	0.00	0.00	0.00	660.93	330.46	402.22	198.64	153.81	-10.50	0.000

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



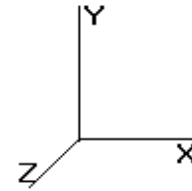
Load Case: 0.9D + 1.6W	105.00 mph with No Ice (Reduced DL)	36 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	18.769	20.64	283.30	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	18.769	20.64	282.11	1.000	* 0.000	1.00	3.218	3.22	106.3	0.0	203.4
2.00		1.00	0.70	18.769	20.64	280.92	1.000	* 0.000	1.00	3.205	3.20	105.9	0.0	202.8
3.00		1.00	0.70	18.769	20.64	279.74	1.000	* 0.000	1.00	3.191	3.19	105.4	0.0	202.2
4.00		1.00	0.70	18.769	20.64	278.55	1.000	* 0.000	1.00	3.178	3.18	105.0	0.0	201.6
5.00		1.00	0.70	18.769	20.64	277.36	1.000	* 0.000	1.00	3.164	3.16	104.5	0.0	201.0
6.00		1.00	0.70	18.769	20.64	276.17	1.000	* 0.000	1.00	3.151	3.15	104.1	0.0	200.5
7.00		1.00	0.70	18.769	20.64	274.99	1.000	* 0.000	1.00	3.137	3.14	103.6	0.0	199.9
8.00		1.00	0.70	18.769	20.64	273.80	1.000	* 0.000	1.00	3.123	3.12	103.2	0.0	199.3
9.00	Reinf. Top Reinf	1.00	0.70	18.769	20.64	272.61	1.200	* 0.000	1.00	3.110	3.73	123.3	0.0	198.7
10.00		1.00	0.70	18.769	20.64	271.42	1.200	* 0.000	1.00	3.096	3.72	122.7	0.0	198.1
11.00		1.00	0.70	18.769	20.64	270.23	1.200	* 0.000	1.00	3.083	3.70	122.2	0.0	197.6
12.00		1.00	0.70	18.769	20.64	269.05	1.200	* 0.000	1.00	3.069	3.68	121.7	0.0	197.0
13.00		1.00	0.70	18.769	20.64	267.86	1.200	* 0.000	1.00	3.056	3.67	121.1	0.0	196.4
14.00		1.00	0.70	18.769	20.64	266.67	1.200	* 0.000	1.00	3.042	3.65	120.6	0.0	195.8
15.00		1.00	0.70	18.769	20.64	265.48	1.200	* 0.000	1.00	3.029	3.63	120.1	0.0	195.2
16.00		1.00	0.70	18.769	20.64	264.30	1.200	* 0.000	1.00	3.015	3.62	119.5	0.0	194.7
17.00		1.00	0.70	18.769	20.64	263.11	1.200	* 0.000	1.00	3.002	3.60	119.0	0.0	194.1
18.00		1.00	0.70	18.769	20.64	261.92	1.200	* 0.000	1.00	2.988	3.59	118.5	0.0	193.5
19.00		1.00	0.70	18.769	20.64	260.73	1.200	* 0.000	1.00	2.975	3.57	117.9	0.0	192.9
20.00		1.00	0.70	18.769	20.64	259.55	1.200	* 0.000	1.00	2.961	3.55	117.4	0.0	192.3
21.00		1.00	0.70	18.769	20.64	258.36	1.200	* 0.000	1.00	2.948	3.54	116.8	0.0	191.8
22.00		1.00	0.70	18.769	20.64	257.17	1.200	* 0.000	1.00	2.934	3.52	116.3	0.0	191.2
23.00		1.00	0.70	18.769	20.64	255.98	1.200	* 0.000	1.00	2.921	3.50	115.8	0.0	190.6
24.00		1.00	0.70	18.769	20.64	254.79	1.200	* 0.000	1.00	2.907	3.49	115.2	0.0	190.0
25.00		1.00	0.70	18.769	20.64	253.61	1.200	* 0.000	1.00	2.894	3.47	114.7	0.0	189.4
26.00		1.00	0.70	18.769	20.64	252.42	1.200	* 0.000	1.00	2.880	3.46	114.2	0.0	188.9
27.00		1.00	0.70	18.769	20.64	251.23	1.200	* 0.000	1.00	2.867	3.44	113.6	0.0	188.3
28.00		1.00	0.70	18.769	20.64	250.04	1.200	* 0.000	1.00	2.853	3.42	113.1	0.0	187.7
29.00		1.00	0.70	18.769	20.64	248.86	1.200	* 0.000	1.00	2.840	3.41	112.6	0.0	187.1
30.00		1.00	0.70	18.785	20.66	247.77	1.200	* 0.000	1.00	2.826	3.39	112.1	0.0	186.5
31.00		1.00	0.70	18.962	20.85	247.74	1.200	* 0.000	1.00	2.813	3.38	112.6	0.0	186.0
31.50	Bot - Section 2	1.00	0.71	19.049	20.95	247.71	1.200	* 0.000	0.50	1.411	1.69	56.7	0.0	93.4
32.00		1.00	0.71	19.134	21.04	247.67	1.200	* 0.000	0.50	1.415	1.70	57.2	0.0	142.2
33.00		1.00	0.72	19.303	21.23	247.56	1.200	* 0.000	1.00	2.840	3.41	115.8	0.0	285.4
34.00		1.00	0.72	19.469	21.41	247.41	1.200	* 0.000	1.00	2.826	3.39	116.2	0.0	284.4
35.00		1.00	0.73	19.631	21.59	247.22	1.200	* 0.000	1.00	2.812	3.37	116.6	0.0	283.3
35.67	Top - Section 1	1.00	0.73	19.737	21.71	247.07	1.200	* 0.000	0.67	1.877	2.25	78.2	0.0	189.2
36.00		1.00	0.73	19.789	21.76	251.87	1.200	* 0.000	0.33	0.922	1.11	38.5	0.0	54.7
37.00		1.00	0.74	19.945	21.93	251.63	1.200	* 0.000	1.00	2.785	3.34	117.3	0.0	165.5
38.00		1.00	0.75	20.097	22.10	251.36	1.200	* 0.000	1.00	2.772	3.33	117.7	0.0	165.0
39.00	Appertunance(s)	1.00	0.75	20.247	22.27	251.06	1.200	* 0.000	1.00	2.758	3.31	118.0	0.0	164.5
40.00		1.00	0.76	20.394	22.43	250.73	1.200	* 0.000	1.00	2.745	3.29	118.2	0.0	164.0
41.00		1.00	0.76	20.538	22.59	250.38	1.200	* 0.000	1.00	2.731	3.28	118.5	0.0	163.6
42.00		1.00	0.77	20.680	22.74	249.99	1.200	* 0.000	1.00	2.718	3.26	118.7	0.0	163.1
43.00		1.00	0.77	20.820	22.90	249.59	1.200	* 0.000	1.00	2.704	3.25	118.9	0.0	162.6
44.00		1.00	0.78	20.957	23.05	249.15	1.200	* 0.000	1.00	2.691	3.23	119.1	0.0	162.1
45.00		1.00	0.78	21.092	23.20	248.69	1.200	* 0.000	1.00	2.677	3.21	119.3	0.0	161.6
46.00		1.00	0.79	21.225	23.34	248.21	1.200	* 0.000	1.00	2.664	3.20	119.4	0.0	161.1
47.00		1.00	0.79	21.356	23.49	247.71	1.200	* 0.000	1.00	2.650	3.18	119.5	0.0	160.7
48.00		1.00	0.80	21.485	23.63	247.18	1.200	* 0.000	1.00	2.637	3.16	119.6	0.0	160.2

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

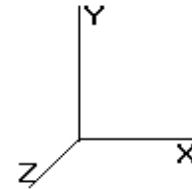
Dead Load Factor : 0.90

Wind Load Factor : 1.60

49.00		1.00	0.80	21.612	23.77	246.64	1.200	* 0.000	1.00	2.623	3.15	119.7	0.0	159.7
50.00		1.00	0.81	21.737	23.91	246.07	1.200	* 0.000	1.00	2.610	3.13	119.8	0.0	159.2
51.00		1.00	0.81	21.860	24.04	245.49	1.200	* 0.000	1.00	2.596	3.12	119.9	0.0	158.7
52.00		1.00	0.82	21.982	24.18	244.89	1.200	* 0.000	1.00	2.583	3.10	119.9	0.0	158.2
53.00		1.00	0.82	22.102	24.31	244.26	1.200	* 0.000	1.00	2.569	3.08	119.9	0.0	157.7
54.00		1.00	0.82	22.220	24.44	243.63	1.200	* 0.000	1.00	2.556	3.07	119.9	0.0	157.3
55.00		1.00	0.83	22.337	24.57	242.97	1.200	* 0.000	1.00	2.542	3.05	119.9	0.0	156.8
56.00		1.00	0.83	22.452	24.69	242.30	1.200	* 0.000	1.00	2.529	3.03	119.9	0.0	156.3
57.00		1.00	0.84	22.566	24.82	241.61	1.200	* 0.000	1.00	2.515	3.02	119.9	0.0	155.8
58.00		1.00	0.84	22.678	24.94	240.90	1.200	* 0.000	1.00	2.502	3.00	119.8	0.0	155.3
59.00		1.00	0.85	22.789	25.06	240.18	1.200	* 0.000	1.00	2.488	2.99	119.7	0.0	154.8
60.00		1.00	0.85	22.899	25.18	239.45	1.200	* 0.000	1.00	2.474	2.97	119.7	0.0	154.4
61.00		1.00	0.85	23.007	25.30	238.70	1.200	* 0.000	1.00	2.461	2.95	119.6	0.0	153.9
62.00		1.00	0.86	23.114	25.42	237.94	1.200	* 0.000	1.00	2.447	2.94	119.5	0.0	153.4
63.00		1.00	0.86	23.220	25.54	237.16	1.200	* 0.000	1.00	2.434	2.92	119.4	0.0	152.9
64.00		1.00	0.87	23.325	25.65	236.37	1.200	* 0.000	1.00	2.420	2.90	119.2	0.0	152.4
65.00		1.00	0.87	23.429	25.77	235.57	1.200	* 0.000	1.00	2.407	2.89	119.1	0.0	151.9
66.00		1.00	0.87	23.531	25.88	234.75	1.200	* 0.000	1.00	2.393	2.87	118.9	0.0	151.5
67.00		1.00	0.88	23.632	25.99	233.92	1.200	* 0.000	1.00	2.380	2.86	118.8	0.0	151.0
68.00		1.00	0.88	23.733	26.10	233.08	1.200	* 0.000	1.00	2.366	2.84	118.6	0.0	150.5
69.00		1.00	0.88	23.832	26.21	232.23	1.200	* 0.000	1.00	2.353	2.82	118.4	0.0	150.0
70.00		1.00	0.89	23.930	26.32	231.37	1.200	* 0.000	1.00	2.339	2.81	118.2	0.0	149.5
70.00	Bot - Section 3	1.00	0.89	23.930	26.32	231.37	1.200	* 0.000	0.00	0.008	0.01	0.4	0.0	0.5
71.00		1.00	0.89	24.027	26.43	230.50	1.200	* 0.000	1.00	2.361	2.83	119.8	0.0	215.4
72.00		1.00	0.90	24.123	26.53	229.61	1.200	* 0.000	1.00	2.355	2.83	120.0	0.0	215.2
73.00		1.00	0.90	24.219	26.64	228.71	1.200	* 0.000	1.00	2.342	2.81	119.8	0.0	214.4
73.50	Top - Section 2	1.00	0.90	24.266	26.69	228.26	1.200	* 0.000	0.50	1.174	1.41	60.1	0.0	107.6
74.00		1.00	0.90	24.313	26.74	232.12	1.200	* 0.000	0.50	1.155	1.39	59.3	0.0	65.9
75.00		1.00	0.91	24.406	26.84	231.21	1.200	* 0.000	1.00	2.315	2.78	119.3	0.0	132.3
76.00		1.00	0.91	24.499	26.94	230.29	1.200	* 0.000	1.00	2.301	2.76	119.1	0.0	131.9
77.00		1.00	0.91	24.591	27.05	229.36	1.200	* 0.000	1.00	2.288	2.75	118.8	0.0	131.6
78.00		1.00	0.92	24.681	27.15	228.42	1.200	* 0.000	1.00	2.274	2.73	118.6	0.0	131.2
79.00		1.00	0.92	24.771	27.24	227.48	1.200	* 0.000	1.00	2.261	2.71	118.3	0.0	130.8
80.00		1.00	0.92	24.861	27.34	226.52	1.200	* 0.000	1.00	2.247	2.70	118.0	0.0	130.4
81.00		1.00	0.93	24.949	27.44	225.55	1.200	* 0.000	1.00	2.234	2.68	117.7	0.0	130.0
82.00		1.00	0.93	25.037	27.54	224.58	1.200	* 0.000	1.00	2.220	2.66	117.4	0.0	129.6
83.00		1.00	0.93	25.124	27.63	223.59	1.200	* 0.000	1.00	2.207	2.65	117.1	0.0	129.2
84.00		1.00	0.94	25.210	27.73	222.60	1.200	* 0.000	1.00	2.193	2.63	116.8	0.0	128.9
85.00		1.00	0.94	25.295	27.82	221.59	1.200	* 0.000	1.00	2.180	2.62	116.4	0.0	128.5
86.00		1.00	0.94	25.380	27.91	220.58	1.200	* 0.000	1.00	2.166	2.60	116.1	0.0	128.1
86.94	Reinf. Top	1.00	0.94	25.459	28.00	219.63	1.200	* 0.000	0.94	2.024	2.43	108.8	0.0	120.0
87.00		1.00	0.95	25.464	28.01	219.57	1.200	* 0.000	0.06	0.129	0.15	6.9	0.0	3.6
88.00		1.00	0.95	25.547	28.10	218.54	1.200	* 0.000	1.00	2.139	2.57	115.4	0.0	60.5
89.00		1.00	0.95	25.630	28.19	217.50	1.200	* 0.000	1.00	2.126	2.55	115.1	0.0	60.1
90.00		1.00	0.95	25.711	28.28	216.46	1.200	* 0.000	1.00	2.112	2.53	114.7	0.0	59.7
91.00		1.00	0.96	25.793	28.37	215.41	1.200	* 0.000	1.00	2.099	2.52	114.3	0.0	59.4
92.00		1.00	0.96	25.873	28.46	214.35	1.200	* 0.000	1.00	2.085	2.50	113.9	0.0	59.0
93.00		1.00	0.96	25.953	28.54	213.29	1.200	* 0.000	1.00	2.071	2.49	113.5	0.0	58.6
94.00		1.00	0.97	26.033	28.63	212.22	1.200	* 0.000	1.00	2.058	2.47	113.1	0.0	58.2
95.00		1.00	0.97	26.112	28.72	211.14	1.000	0.000	1.00	2.044	2.04	94.0	0.0	57.8
96.00		1.00	0.97	26.190	28.80	210.05	1.000	0.000	1.00	2.031	2.03	93.6	0.0	57.4
97.00		1.00	0.98	26.268	28.89	208.95	1.000	0.000	1.00	2.017	2.02	93.3	0.0	57.0
98.00		1.00	0.98	26.345	28.97	207.85	1.000	0.000	1.00	2.004	2.00	92.9	0.0	56.6
99.00		1.00	0.98	26.421	29.06	206.75	1.000	0.000	1.00	1.990	1.99	92.6	0.0	56.3
100.0		1.00	0.98	26.497	29.14	205.63	1.000	0.000	1.00	1.977	1.98	92.2	0.0	55.9
101.0		1.00	0.99	26.573	29.23	204.51	1.000	0.000	1.00	1.963	1.96	91.8	0.0	55.5
102.0		1.00	0.99	26.648	29.31	203.38	1.000	0.000	1.00	1.950	1.95	91.4	0.0	55.1

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

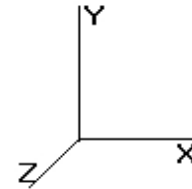
103.0		1.00	0.99	26.722	29.39	202.25	1.000	0.000	1.00	1.936	1.94	91.1	0.0	54.7
104.0		1.00	0.99	26.796	29.47	201.11	1.000	0.000	1.00	1.923	1.92	90.7	0.0	54.3
105.0		1.00	1.00	26.869	29.55	199.97	1.000	0.000	1.00	1.909	1.91	90.3	0.0	53.9
106.0		1.00	1.00	26.942	29.63	198.81	1.000	0.000	1.00	1.896	1.90	89.9	0.0	53.6
107.0		1.00	1.00	27.014	29.71	197.66	1.000	0.000	1.00	1.882	1.88	89.5	0.0	53.2
108.0		1.00	1.01	27.086	29.79	196.49	1.000	0.000	1.00	1.869	1.87	89.1	0.0	52.8
109.0		1.00	1.01	27.158	29.87	195.32	1.000	0.000	1.00	1.855	1.86	88.7	0.0	52.4
110.0		1.00	1.01	27.229	29.95	194.15	1.000	0.000	1.00	1.842	1.84	88.3	0.0	52.0
110.0	Top - Section 3	1.00	1.01	27.229	29.95	194.14	1.000	0.000	0.00	0.006	0.01	0.3	0.0	0.2
111.0		1.00	1.01	27.299	30.02	192.96	1.000	0.000	1.00	1.822	1.82	87.5	0.0	38.8
112.0		1.00	1.02	27.369	30.10	191.78	1.000	0.000	1.00	1.815	1.81	87.4	0.0	38.6
113.0		1.00	1.02	27.439	30.18	190.59	1.000	0.000	1.00	1.801	1.80	87.0	0.0	38.4
114.0		1.00	1.02	27.508	30.25	189.39	1.000	0.000	1.00	1.788	1.79	86.5	0.0	38.1
115.0		1.00	1.02	27.577	30.33	188.18	1.000	0.000	1.00	1.774	1.77	86.1	0.0	37.8
116.0		1.00	1.03	27.645	30.41	186.98	1.000	0.000	1.00	1.761	1.76	85.7	0.0	37.5
117.0		1.00	1.03	27.713	30.48	185.76	1.000	0.000	1.00	1.747	1.75	85.2	0.0	37.2
118.0		1.00	1.03	27.780	30.55	184.54	1.000	0.000	1.00	1.733	1.73	84.8	0.0	36.9
119.0	Appertunance(s)	1.00	1.03	27.847	30.63	183.32	1.000	0.000	1.00	1.720	1.72	84.3	0.0	36.6
120.0		1.00	1.04	27.914	30.70	182.09	1.000	0.000	1.00	1.706	1.71	83.8	0.0	36.3
121.0		1.00	1.04	27.980	30.77	180.86	1.000	0.000	1.00	1.693	1.69	83.4	0.0	36.0
122.0		1.00	1.04	28.046	30.85	179.62	1.000	0.000	1.00	1.679	1.68	82.9	0.0	35.7
123.0		1.00	1.04	28.112	30.92	178.37	1.000	0.000	1.00	1.666	1.67	82.4	0.0	35.4
124.0		1.00	1.05	28.177	30.99	177.12	1.000	0.000	1.00	1.652	1.65	81.9	0.0	35.2
125.0		1.00	1.05	28.242	31.06	175.87	1.000	0.000	1.00	1.639	1.64	81.5	0.0	34.9
126.0		1.00	1.05	28.306	31.13	174.61	1.000	0.000	1.00	1.625	1.63	81.0	0.0	34.6
127.0		1.00	1.05	28.370	31.20	173.35	1.000	0.000	1.00	1.612	1.61	80.5	0.0	34.3
128.0	Appertunance(s)	1.00	1.06	28.434	31.27	172.08	1.000	0.000	1.00	1.598	1.60	80.0	0.0	34.0
129.0		1.00	1.06	28.497	31.34	170.81	1.000	0.000	1.00	1.585	1.58	79.5	0.0	33.7
130.0		1.00	1.06	28.560	31.41	169.53	1.000	0.000	1.00	1.571	1.57	79.0	0.0	33.4
131.0		1.00	1.06	28.622	31.48	168.25	1.000	0.000	1.00	1.558	1.56	78.5	0.0	33.1
132.0		1.00	1.07	28.685	31.55	166.97	1.000	0.000	1.00	1.544	1.54	78.0	0.0	32.8
133.0		1.00	1.07	28.747	31.62	165.68	1.000	0.000	1.00	1.531	1.53	77.4	0.0	32.5
134.0		1.00	1.07	28.808	31.68	164.38	1.000	0.000	1.00	1.517	1.52	76.9	0.0	32.3
135.0		1.00	1.07	28.869	31.75	163.09	1.000	0.000	1.00	1.504	1.50	76.4	0.0	32.0
136.0		1.00	1.07	28.930	31.82	161.78	1.000	0.000	1.00	1.490	1.49	75.9	0.0	31.7
137.0		1.00	1.08	28.991	31.89	160.48	1.000	0.000	1.00	1.477	1.48	75.3	0.0	31.4
138.0		1.00	1.08	29.051	31.95	159.17	1.000	0.000	1.00	1.463	1.46	74.8	0.0	31.1
139.0		1.00	1.08	29.111	32.02	157.85	1.000	0.000	1.00	1.450	1.45	74.3	0.0	30.8
140.0		1.00	1.08	29.171	32.08	156.53	1.000	0.000	1.00	1.436	1.44	73.7	0.0	30.5
141.0		1.00	1.09	29.230	32.15	155.21	1.000	0.000	1.00	1.423	1.42	73.2	0.0	30.2
142.0		1.00	1.09	29.289	32.21	153.88	1.000	0.000	1.00	1.409	1.41	72.6	0.0	29.9
143.0		1.00	1.09	29.348	32.28	152.55	1.000	0.000	1.00	1.395	1.40	72.1	0.0	29.6
144.0		1.00	1.09	29.407	32.34	151.22	1.000	0.000	1.00	1.382	1.38	71.5	0.0	29.3
145.0		1.00	1.09	29.465	32.41	149.88	1.000	0.000	1.00	1.368	1.37	71.0	0.0	29.1
146.0		1.00	1.10	29.523	32.47	148.54	1.000	0.000	1.00	1.355	1.35	70.4	0.0	28.8
147.0		1.00	1.10	29.581	32.53	147.19	1.000	0.000	1.00	1.341	1.34	69.8	0.0	28.5
147.9	Appertunance(s)	1.00	1.10	29.637	32.60	145.85	1.000	0.000	0.99	1.315	1.31	68.6	0.0	27.9
148.0	Appertunance(s)	1.00	1.10	29.638	32.60	145.84	1.000	0.000	0.01	0.013	0.01	0.7	0.0	0.3
149.0		1.00	1.10	29.695	32.66	144.49	1.000	0.000	1.00	1.314	1.31	68.7	0.0	27.9
150.0		1.00	1.11	29.752	32.72	143.13	1.000	0.000	1.00	1.301	1.30	68.1	0.0	27.6

* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 15,576.8 0.0 17,852.2

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

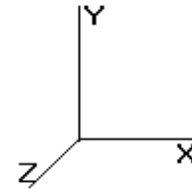
Wind Load Factor : 1.60

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
39.00	Stand-off	1	20.247	22.272	1.00	1.00	5.20	0.000	0.000	185.30	0.00	0.00	135.00
39.00	GPS	1	20.247	22.272	1.00	1.00	1.00	0.000	0.000	35.63	0.00	0.00	9.00
119.0	Antel BXA-80063/4CF	3	27.847	30.632	0.65	0.80	7.35	0.000	0.000	360.12	0.00	0.00	26.73
119.0	Round T-Arm	3	27.847	30.632	0.67	0.75	14.62	0.000	0.000	716.68	0.00	0.00	675.00
119.0	RFS FD9R6004/1C-3L	6	27.847	30.632	0.50	0.80	0.89	0.000	0.000	43.52	0.00	0.00	16.74
119.0	PCS1900 Dual Duplex	6	27.847	30.632	0.50	0.80	2.18	0.000	0.000	107.04	0.00	0.00	108.00
119.0	Alcatel-Lucent RRH2x	3	27.847	30.632	0.50	0.80	2.59	0.000	0.000	127.04	0.00	0.00	118.80
119.0	Antel BXA-171063-8BF	3	27.847	30.632	0.71	0.80	5.01	0.000	0.000	245.54	0.00	0.00	28.35
119.0	Antel BXA-171085-8CF	3	27.847	30.632	0.71	0.80	5.01	0.000	0.000	245.54	0.00	0.00	28.35
119.0	RFS DB-T1-6Z-8AB-0Z	1	27.847	30.632	0.50	0.80	1.92	0.000	0.000	94.10	0.00	0.00	39.60
119.0	Antel BXA-70063/6CF	3	27.847	30.632	0.65	0.80	11.81	0.000	0.000	578.79	0.00	0.00	45.90
119.0	GPS	1	27.847	30.632	1.00	0.80	0.80	0.000	0.000	39.21	0.00	0.00	9.00
128.0	Flat Light Sector Fr	3	28.434	31.277	0.67	0.75	26.98	0.000	0.000	1,350.37	0.00	0.00	1,080.00
128.0	Ericsson AIR 21, 1.3	3	28.560	31.416	0.70	0.80	10.15	0.000	2.000	510.05	0.00	1,020.10	247.05
128.0	Ericsson AIR 21, 1.3	3	28.560	31.416	0.70	0.80	10.21	0.000	2.000	513.43	0.00	1,026.86	244.08
147.9	7' Omni	1	29.920	32.912	1.00	0.75	1.57	0.000	5.000	82.94	0.00	414.69	22.50
147.9	15' Omni	1	30.141	33.156	1.00	0.75	3.38	0.000	9.000	179.04	0.00	1,611.36	36.00
147.9	8' Dipole	1	29.976	32.973	1.00	0.75	2.26	0.000	6.000	119.10	0.00	714.60	22.50
148.0	Ericsson RRUS 11 (Ba	6	29.921	32.913	0.50	0.75	5.67	0.000	5.000	298.58	0.00	1,492.92	297.00
148.0	Powerwave LGP13519	6	29.921	32.913	0.50	0.75	0.76	0.000	5.000	40.29	0.00	201.43	28.62
148.0	Allgon 7770.00	6	29.921	32.913	0.65	0.75	16.12	0.000	5.000	848.71	0.00	4,243.56	189.00
148.0	Platform w/ Handrail	1	29.638	32.602	1.00	1.00	40.70	0.000	0.000	2,123.02	0.00	0.00	2,115.00
148.0	TMA-DD1900	6	29.921	32.913	0.50	0.75	1.33	0.000	5.000	69.91	0.00	349.53	56.16
148.0	Raycap DC6-48-60-18-	1	29.921	32.913	1.00	0.75	0.96	0.000	5.000	50.55	0.00	252.77	28.62
148.0	KMW AM-X-CD-16-65-	3	29.921	32.913	0.67	0.75	12.09	0.000	5.000	636.67	0.00	3,183.35	130.95
										9,601.16			5,737.95

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

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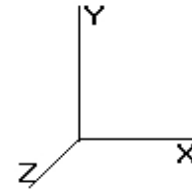
Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.194	1.283	0.00	0.00
2.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.195	1.285	0.00	0.00
3.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.196	1.288	0.00	0.00
4.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.197	1.290	0.00	0.00
5.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.198	1.293	0.00	0.00
6.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.198	1.295	0.00	0.00
7.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.199	1.298	0.00	0.00
8.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	18.769	0.200	1.300	0.00	0.00
9.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.201	0.000	14.44	0.00
10.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.202	0.000	14.44	0.00
11.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.203	0.000	14.44	0.00
12.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.204	0.000	14.44	0.00
13.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.205	0.000	14.44	0.00
14.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.205	0.000	14.44	0.00
15.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.206	0.000	14.44	0.00
16.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.207	0.000	14.44	0.00
17.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.208	0.000	14.44	0.00
18.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.209	0.000	14.44	0.00
19.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.210	0.000	14.44	0.00
20.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.211	0.000	14.44	0.00
21.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.212	0.000	14.44	0.00
22.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.213	0.000	14.44	0.00
23.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.214	0.000	14.44	0.00
24.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.215	0.000	14.44	0.00
25.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.216	0.000	14.44	0.00
26.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.217	0.000	14.44	0.00
27.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.218	0.000	14.44	0.00
28.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.219	0.000	14.44	0.00
29.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.769	0.220	0.000	14.44	0.00
30.00	(4) #20 Reinforcement	Yes	1.00	0.699	7.50	0.63	0.44	18.785	0.221	0.000	14.45	0.00
31.00	(4) #20 Reinforcement	Yes	1.00	0.696	7.50	0.63	0.43	18.962	0.222	0.000	14.51	0.00
31.50	(4) #20 Reinforcement	Yes	0.50	0.694	7.50	0.31	0.22	19.049	0.223	0.000	7.32	0.00
32.00	(4) #20 Reinforcement	Yes	0.50	0.693	7.50	0.31	0.22	19.134	0.224	0.000	7.24	0.00
33.00	(4) #20 Reinforcement	Yes	1.00	0.690	7.50	0.63	0.43	19.303	0.224	0.000	14.64	0.00
34.00	(4) #20 Reinforcement	Yes	1.00	0.687	7.50	0.63	0.43	19.469	0.286	0.000	14.71	0.00
34.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	19.469	0.286	0.000	11.42	0.00
35.00	(4) #20 Reinforcement	Yes	1.00	0.684	7.50	0.63	0.43	19.631	0.287	0.000	14.77	0.00
35.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	19.631	0.287	0.000	11.52	0.00
35.67	(4) #20 Reinforcement	Yes	0.67	0.682	7.50	0.42	0.29	19.737	0.288	0.000	9.92	0.00
35.67	(4) Plate Reinforcement	Yes	0.67	2.000	2.00	0.11	0.22	19.737	0.288	0.000	7.76	0.00
36.00	(4) #20 Reinforcement	Yes	0.33	0.681	7.50	0.21	0.14	19.789	0.283	0.000	4.89	0.00
36.00	(4) Plate Reinforcement	Yes	0.33	2.000	2.00	0.06	0.11	19.789	0.283	0.000	3.83	0.00
37.00	(4) #20 Reinforcement	Yes	1.00	0.678	7.50	0.63	0.42	19.945	0.284	0.000	14.88	0.00
37.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	19.945	0.284	0.000	11.70	0.00
38.00	(4) #20 Reinforcement	Yes	1.00	0.676	7.50	0.63	0.42	20.097	0.286	0.000	14.94	0.00
38.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.097	0.286	0.000	11.79	0.00
39.00	(4) #20 Reinforcement	Yes	1.00	0.673	7.50	0.63	0.42	20.247	0.287	0.000	15.00	0.00
39.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.247	0.287	0.000	11.88	0.00
40.00	(4) #20 Reinforcement	Yes	1.00	0.671	7.50	0.63	0.42	20.394	0.288	0.000	15.05	0.00
40.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.394	0.288	0.000	11.96	0.00
41.00	(4) #20 Reinforcement	Yes	1.00	0.669	7.50	0.63	0.42	20.538	0.290	0.000	15.10	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

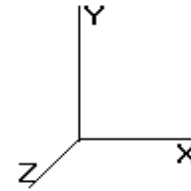
Wind Load Factor : 1.60

41.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.538	0.290	0.000	12.05	0.00
42.00	(4) #20 Reinforcement	Yes	1.00	0.666	7.50	0.63	0.42	20.680	0.291	0.000	15.16	0.00
42.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.680	0.291	0.000	12.13	0.00
43.00	(4) #20 Reinforcement	Yes	1.00	0.664	7.50	0.63	0.42	20.820	0.293	0.000	15.21	0.00
43.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.820	0.293	0.000	12.21	0.00
44.00	(4) #20 Reinforcement	Yes	1.00	0.662	7.50	0.63	0.41	20.957	0.294	0.000	15.26	0.00
44.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	20.957	0.294	0.000	12.29	0.00
45.00	(4) #20 Reinforcement	Yes	1.00	0.660	7.50	0.63	0.41	21.092	0.296	0.000	15.31	0.00
45.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.092	0.296	0.000	12.37	0.00
46.00	(4) #20 Reinforcement	Yes	1.00	0.658	7.50	0.63	0.41	21.225	0.297	0.000	15.35	0.00
46.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.225	0.297	0.000	12.45	0.00
47.00	(4) #20 Reinforcement	Yes	1.00	0.656	7.50	0.63	0.41	21.356	0.299	0.000	15.40	0.00
47.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.356	0.299	0.000	12.53	0.00
48.00	(4) #20 Reinforcement	Yes	1.00	0.654	7.50	0.63	0.41	21.485	0.300	0.000	15.45	0.00
48.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.485	0.300	0.000	12.60	0.00
49.00	(4) #20 Reinforcement	Yes	1.00	0.652	7.50	0.63	0.41	21.612	0.302	0.000	15.49	0.00
49.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.612	0.302	0.000	12.68	0.00
50.00	(4) #20 Reinforcement	Yes	1.00	0.650	7.50	0.63	0.41	21.737	0.303	0.000	15.54	0.00
50.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.737	0.303	0.000	12.75	0.00
51.00	(4) #20 Reinforcement	Yes	1.00	0.648	7.50	0.63	0.41	21.860	0.305	0.000	15.58	0.00
51.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.860	0.305	0.000	12.82	0.00
52.00	(4) #20 Reinforcement	Yes	1.00	0.646	7.50	0.63	0.40	21.982	0.307	0.000	15.63	0.00
52.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	21.982	0.307	0.000	12.90	0.00
53.00	(4) #20 Reinforcement	Yes	1.00	0.644	7.50	0.63	0.40	22.102	0.308	0.000	15.67	0.00
53.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.102	0.308	0.000	12.97	0.00
54.00	(4) #20 Reinforcement	Yes	1.00	0.643	7.50	0.63	0.40	22.220	0.310	0.000	15.71	0.00
54.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.220	0.310	0.000	13.04	0.00
55.00	(4) #20 Reinforcement	Yes	1.00	0.641	7.50	0.63	0.40	22.337	0.311	0.000	15.75	0.00
55.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.337	0.311	0.000	13.10	0.00
56.00	(4) #20 Reinforcement	Yes	1.00	0.639	7.50	0.63	0.40	22.452	0.313	0.000	15.79	0.00
56.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.452	0.313	0.000	13.17	0.00
57.00	(4) #20 Reinforcement	Yes	1.00	0.638	7.50	0.63	0.40	22.566	0.315	0.000	15.83	0.00
57.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.566	0.315	0.000	13.24	0.00
58.00	(4) #20 Reinforcement	Yes	1.00	0.636	7.50	0.63	0.40	22.678	0.316	0.000	15.87	0.00
58.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.678	0.316	0.000	13.30	0.00
59.00	(4) #20 Reinforcement	Yes	1.00	0.635	7.50	0.63	0.40	22.789	0.318	0.000	15.91	0.00
59.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.789	0.318	0.000	13.37	0.00
60.00	(4) #20 Reinforcement	Yes	1.00	0.633	7.50	0.63	0.40	22.899	0.320	0.000	15.95	0.00
60.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	22.899	0.320	0.000	13.43	0.00
61.00	(4) #20 Reinforcement	Yes	1.00	0.632	7.50	0.63	0.39	23.007	0.322	0.000	15.99	0.00
61.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.007	0.322	0.000	13.50	0.00
62.00	(4) #20 Reinforcement	Yes	1.00	0.630	7.50	0.63	0.39	23.114	0.323	0.000	16.02	0.00
62.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.114	0.323	0.000	13.56	0.00
63.00	(4) #20 Reinforcement	Yes	1.00	0.629	7.50	0.63	0.39	23.220	0.325	0.000	16.06	0.00
63.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.220	0.325	0.000	13.62	0.00
64.00	(4) #20 Reinforcement	Yes	1.00	0.627	7.50	0.63	0.39	23.325	0.327	0.000	16.10	0.00
64.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.325	0.327	0.000	13.68	0.00
65.00	(4) #20 Reinforcement	Yes	1.00	0.626	7.50	0.63	0.39	23.429	0.329	0.000	16.13	0.00
65.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.429	0.329	0.000	13.74	0.00
66.00	(4) #20 Reinforcement	Yes	1.00	0.625	7.50	0.63	0.39	23.531	0.331	0.000	16.17	0.00
66.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.531	0.331	0.000	13.80	0.00
67.00	(4) #20 Reinforcement	Yes	1.00	0.623	7.50	0.63	0.39	23.632	0.333	0.000	16.20	0.00
67.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.632	0.333	0.000	13.86	0.00
68.00	(4) #20 Reinforcement	Yes	1.00	0.622	7.50	0.63	0.39	23.733	0.335	0.000	16.24	0.00
68.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.733	0.335	0.000	13.92	0.00
69.00	(4) #20 Reinforcement	Yes	1.00	0.621	7.50	0.63	0.39	23.832	0.336	0.000	16.27	0.00
69.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	23.832	0.336	0.000	13.98	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

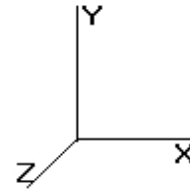
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	106.31	238.86	0.00	0.00
2.00	105.86	238.29	0.00	0.00
3.00	105.41	237.71	0.00	0.00
4.00	104.97	237.13	0.00	0.00
5.00	104.52	236.55	0.00	0.00
6.00	104.07	235.97	0.00	0.00
7.00	103.63	235.39	0.00	0.00
8.00	103.18	234.81	0.00	0.00
9.00	137.72	234.23	0.00	0.00
10.00	137.18	233.65	0.00	0.00
11.00	136.65	233.07	0.00	0.00
12.00	136.11	232.49	0.00	0.00
13.00	135.57	231.91	0.00	0.00
14.00	135.04	231.33	0.00	0.00
15.00	134.50	230.75	0.00	0.00
16.00	133.97	230.17	0.00	0.00
17.00	133.43	229.59	0.00	0.00
18.00	132.90	229.01	0.00	0.00
19.00	132.36	228.43	0.00	0.00
20.00	131.82	227.85	0.00	0.00
21.00	131.29	227.27	0.00	0.00
22.00	130.75	226.70	0.00	0.00
23.00	130.22	226.12	0.00	0.00
24.00	129.68	225.54	0.00	0.00
25.00	129.14	224.96	0.00	0.00
26.00	128.61	224.38	0.00	0.00
27.00	128.07	223.80	0.00	0.00
28.00	127.54	223.22	0.00	0.00
29.00	127.00	222.64	0.00	0.00
30.00	126.57	222.06	0.00	0.00
31.00	127.15	221.48	0.00	0.00
31.50	64.07	111.26	0.00	0.00
32.00	64.44	159.80	0.00	0.00
33.00	130.41	320.94	0.00	0.00
34.00	142.33	319.88	0.00	0.00
35.00	142.89	318.82	0.00	0.00
35.67	95.91	213.01	0.00	0.00
36.00	47.27	66.44	0.00	0.00
37.00	143.92	201.00	0.00	0.00
38.00	144.39	200.51	0.00	0.00
39.00	365.76	344.03	0.00	0.00
40.00	145.24	199.41	0.00	0.00
41.00	145.63	198.93	0.00	0.00
42.00	146.00	198.45	0.00	0.00
43.00	146.33	197.96	0.00	0.00
44.00	146.65	197.48	0.00	0.00
45.00	146.94	196.99	0.00	0.00
46.00	147.21	196.51	0.00	0.00
47.00	147.47	196.03	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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 Shape : 12 Sides
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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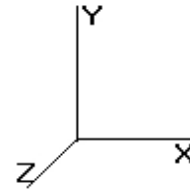
Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

48.00	147.69	195.54	0.00	0.00
49.00	147.90	195.06	0.00	0.00
50.00	148.10	194.58	0.00	0.00
51.00	148.27	194.09	0.00	0.00
52.00	148.42	193.61	0.00	0.00
53.00	148.56	193.12	0.00	0.00
54.00	148.68	192.64	0.00	0.00
55.00	148.78	192.16	0.00	0.00
56.00	148.86	191.67	0.00	0.00
57.00	148.94	191.19	0.00	0.00
58.00	148.99	190.71	0.00	0.00
59.00	149.03	190.22	0.00	0.00
60.00	149.06	189.74	0.00	0.00
61.00	149.07	189.26	0.00	0.00
62.00	149.06	188.77	0.00	0.00
63.00	149.05	188.29	0.00	0.00
64.00	149.02	187.80	0.00	0.00
65.00	148.97	187.32	0.00	0.00
66.00	148.92	186.84	0.00	0.00
67.00	148.85	186.35	0.00	0.00
68.00	148.77	185.87	0.00	0.00
69.00	148.68	185.39	0.00	0.00
70.00	148.57	184.90	0.00	0.00
70.00	0.49	0.62	0.00	0.00
71.00	150.14	250.65	0.00	0.00
72.00	150.53	250.62	0.00	0.00
73.00	150.40	249.75	0.00	0.00
73.50	75.58	125.38	0.00	0.00
74.00	74.54	83.44	0.00	0.00
75.00	150.10	167.71	0.00	0.00
76.00	149.94	167.32	0.00	0.00
77.00	149.77	166.93	0.00	0.00
78.00	149.59	166.55	0.00	0.00
79.00	149.40	166.16	0.00	0.00
80.00	149.19	165.78	0.00	0.00
81.00	148.98	165.39	0.00	0.00
82.00	134.07	165.00	0.00	0.00
83.00	133.79	164.62	0.00	0.00
84.00	133.50	164.23	0.00	0.00
85.00	133.20	163.84	0.00	0.00
86.00	132.90	163.46	0.00	0.00
86.94	124.63	153.30	0.00	0.00
87.00	7.93	5.77	0.00	0.00
88.00	132.27	95.89	0.00	0.00
89.00	131.97	95.50	0.00	0.00
90.00	131.66	95.11	0.00	0.00
91.00	131.34	94.73	0.00	0.00
92.00	131.01	94.34	0.00	0.00
93.00	130.67	93.95	0.00	0.00
94.00	130.33	93.57	0.00	0.00
95.00	93.96	93.18	0.00	0.00
96.00	93.61	92.79	0.00	0.00
97.00	93.27	92.41	0.00	0.00
98.00	92.91	92.02	0.00	0.00
99.00	92.55	91.64	0.00	0.00
100.0	92.19	91.25	0.00	0.00
101.0	91.82	90.86	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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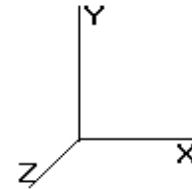
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Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

102.0	91.44	90.48	0.00	0.00
103.0	91.06	90.09	0.00	0.00
104.0	90.68	89.70	0.00	0.00
105.0	90.29	89.32	0.00	0.00
106.0	89.89	88.93	0.00	0.00
107.0	89.49	88.55	0.00	0.00
108.0	89.08	88.16	0.00	0.00
109.0	88.67	87.77	0.00	0.00
110.0	88.26	87.39	0.00	0.00
110.0	0.29	0.29	0.00	0.00
111.0	87.54	74.06	0.00	0.00
112.0	87.41	74.02	0.00	0.00
113.0	86.98	73.73	0.00	0.00
114.0	86.54	73.44	0.00	0.00
115.0	86.10	73.15	0.00	0.00
116.0	85.66	72.86	0.00	0.00
117.0	85.21	72.57	0.00	0.00
118.0	84.76	72.28	0.00	0.00
119.0	2,641.86	1,168.46	0.00	0.00
120.0	83.84	61.67	0.00	0.00
121.0	83.37	61.38	0.00	0.00
122.0	82.90	61.09	0.00	0.00
123.0	82.42	60.80	0.00	0.00
124.0	81.94	60.51	0.00	0.00
125.0	81.46	60.22	0.00	0.00
126.0	80.97	59.93	0.00	0.00
127.0	80.48	59.64	0.00	0.00
128.0	2,453.84	1,630.48	0.00	2,046.97
129.0	79.48	53.46	0.00	0.00
130.0	78.98	53.17	0.00	0.00
131.0	78.47	52.88	0.00	0.00
132.0	77.96	52.59	0.00	0.00
133.0	77.44	52.30	0.00	0.00
134.0	76.92	52.01	0.00	0.00
135.0	76.40	51.72	0.00	0.00
136.0	75.87	51.43	0.00	0.00
137.0	75.34	51.14	0.00	0.00
138.0	74.81	50.85	0.00	0.00
139.0	74.27	50.55	0.00	0.00
140.0	73.73	50.26	0.00	0.00
141.0	73.18	49.97	0.00	0.00
142.0	72.63	49.68	0.00	0.00
143.0	72.08	49.39	0.00	0.00
144.0	71.53	49.10	0.00	0.00
145.0	70.97	48.81	0.00	0.00
146.0	70.40	48.52	0.00	0.00
147.0	69.84	48.23	0.00	0.00
147.9	449.65	128.46	0.00	2,740.65
148.0	4,068.42	2,845.80	0.00	9,723.55
149.0	68.69	27.90	0.00	0.00
150.0	68.12	27.61	0.00	0.00
Totals:	27,150.16	28,428.46	0.00	14,511.16

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



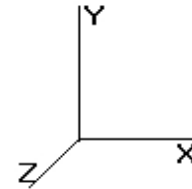
Load Case: 0.9D + 1.6W	105.00 mph with No Ice (Reduced DL)	36 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-28.41	-27.16	0.00	-2,580.69	0.00	2,580.69	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.671
1.00	-28.15	-27.09	0.00	-2,553.53	0.00	2,553.53	3,148.69	1,574.34	4,778.83	2,360.09	0.01	-0.06	0.667
2.00	-27.88	-27.01	0.00	-2,526.45	0.00	2,526.45	3,140.17	1,570.08	4,745.43	2,343.59	0.02	-0.11	0.663
3.00	-27.62	-26.93	0.00	-2,499.44	0.00	2,499.44	3,131.60	1,565.80	4,712.07	2,327.11	0.06	-0.17	0.659
4.00	-27.35	-26.85	0.00	-2,472.51	0.00	2,472.51	3,123.00	1,561.50	4,678.76	2,310.67	0.10	-0.23	0.655
5.00	-27.09	-26.77	0.00	-2,445.66	0.00	2,445.66	3,114.35	1,557.18	4,645.51	2,294.24	0.15	-0.29	0.651
6.00	-26.83	-26.69	0.00	-2,418.89	0.00	2,418.89	3,105.67	1,552.83	4,612.30	2,277.84	0.22	-0.34	0.647
7.00	-26.57	-26.61	0.00	-2,392.20	0.00	2,392.20	3,096.94	1,548.47	4,579.15	2,261.47	0.30	-0.40	0.643
8.00	-26.31	-26.54	0.00	-2,365.58	0.00	2,365.58	3,088.17	1,544.08	4,546.05	2,245.12	0.39	-0.46	0.639
9.00	-26.05	-26.42	0.00	-2,339.05	0.00	2,339.05	3,079.35	1,539.68	4,513.00	2,228.80	0.49	-0.51	0.635
9.00	-26.05	-26.42	0.00	-2,339.05	0.00	2,339.05	3,079.35	1,539.68	4,513.00	2,228.80	0.49	-0.51	0.635
10.00	-25.79	-26.31	0.00	-2,312.62	0.00	2,312.62	3,070.50	1,535.25	4,480.00	2,212.51	0.60	-0.57	0.631
11.00	-25.53	-26.19	0.00	-2,286.32	0.00	2,286.32	3,061.60	1,530.80	4,447.07	2,196.24	0.73	-0.63	0.627
12.00	-25.28	-26.08	0.00	-2,260.12	0.00	2,260.12	3,052.67	1,526.33	4,414.18	2,180.00	0.87	-0.69	0.623
13.00	-25.02	-25.97	0.00	-2,234.04	0.00	2,234.04	3,043.69	1,521.84	4,381.36	2,163.79	1.02	-0.74	0.619
14.00	-24.76	-25.85	0.00	-2,208.07	0.00	2,208.07	3,034.67	1,517.33	4,348.59	2,147.60	1.18	-0.80	0.615
15.00	-24.51	-25.74	0.00	-2,182.22	0.00	2,182.22	3,025.61	1,512.80	4,315.88	2,131.45	1.35	-0.86	0.611
16.00	-24.26	-25.63	0.00	-2,156.48	0.00	2,156.48	3,016.50	1,508.25	4,283.23	2,115.32	1.54	-0.91	0.607
17.00	-24.00	-25.51	0.00	-2,130.85	0.00	2,130.85	3,007.36	1,503.68	4,250.63	2,099.23	1.74	-0.97	0.603
18.00	-23.75	-25.40	0.00	-2,105.34	0.00	2,105.34	2,998.17	1,499.09	4,218.10	2,083.16	1.95	-1.03	0.599
19.00	-23.50	-25.29	0.00	-2,079.94	0.00	2,079.94	2,988.94	1,494.47	4,185.63	2,067.13	2.17	-1.08	0.595
20.00	-23.25	-25.17	0.00	-2,054.65	0.00	2,054.65	2,979.67	1,489.84	4,153.23	2,051.12	2.40	-1.14	0.590
21.00	-23.00	-25.06	0.00	-2,029.48	0.00	2,029.48	2,970.36	1,485.18	4,120.88	2,035.15	2.65	-1.20	0.586
22.00	-22.75	-24.95	0.00	-2,004.42	0.00	2,004.42	2,961.01	1,480.51	4,088.60	2,019.21	2.90	-1.25	0.582
23.00	-22.51	-24.83	0.00	-1,979.47	0.00	1,979.47	2,951.62	1,475.81	4,056.39	2,003.30	3.17	-1.31	0.578
24.00	-22.26	-24.72	0.00	-1,954.64	0.00	1,954.64	2,942.18	1,471.09	4,024.24	1,987.42	3.45	-1.37	0.574
25.00	-22.01	-24.61	0.00	-1,929.92	0.00	1,929.92	2,932.70	1,466.35	3,992.16	1,971.58	3.75	-1.42	0.569
26.00	-21.77	-24.50	0.00	-1,905.31	0.00	1,905.31	2,923.18	1,461.59	3,960.14	1,955.77	4.05	-1.48	0.565
27.00	-21.52	-24.38	0.00	-1,880.81	0.00	1,880.81	2,913.62	1,456.81	3,928.19	1,939.99	4.37	-1.54	0.561
28.00	-21.28	-24.27	0.00	-1,856.43	0.00	1,856.43	2,903.09	1,451.54	3,895.07	1,923.63	4.70	-1.59	0.557
29.00	-21.04	-24.16	0.00	-1,832.16	0.00	1,832.16	2,889.14	1,444.57	3,857.52	1,905.08	5.04	-1.65	0.553
30.00	-20.80	-24.04	0.00	-1,808.00	0.00	1,808.00	2,875.19	1,437.60	3,820.15	1,886.63	5.39	-1.70	0.550
31.00	-20.56	-23.93	0.00	-1,783.96	0.00	1,783.96	2,861.25	1,430.62	3,782.97	1,868.27	5.75	-1.76	0.546
31.50	-20.44	-23.87	0.00	-1,771.91	0.00	1,771.91	2,854.23	1,427.11	3,764.32	1,859.06	5.94	-1.79	0.545
32.00	-20.27	-23.81	0.00	-1,760.06	0.00	1,760.06	2,847.30	1,423.65	3,745.97	1,849.99	6.13	-1.82	0.535
33.00	-19.93	-23.69	0.00	-1,736.25	0.00	1,736.25	2,833.35	1,416.68	3,709.14	1,831.81	6.51	-1.87	0.532
34.00	-19.59	-23.56	0.00	-1,712.55	0.00	1,712.55	2,819.40	1,409.70	3,672.50	1,813.71	6.91	-1.93	0.528
35.00	-19.26	-23.42	0.00	-1,689.00	0.00	1,689.00	2,805.46	1,402.73	3,636.05	1,795.71	7.32	-1.98	0.524
35.67	-19.04	-23.33	0.00	-1,673.31	0.00	1,673.31	2,253.05	1,126.52	2,980.43	1,471.92	7.60	-2.02	0.600
36.00	-18.96	-23.29	0.00	-1,665.61	0.00	1,665.61	2,250.82	1,125.41	2,972.64	1,468.08	7.74	-2.03	0.598
37.00	-18.74	-23.16	0.00	-1,642.32	0.00	1,642.32	2,244.05	1,122.03	2,949.07	1,456.43	8.17	-2.09	0.592
38.00	-18.52	-23.02	0.00	-1,619.16	0.00	1,619.16	2,237.24	1,118.62	2,925.53	1,444.81	8.62	-2.15	0.587
39.00	-18.17	-22.66	0.00	-1,596.14	0.00	1,596.14	2,230.38	1,115.19	2,902.02	1,433.20	9.07	-2.21	0.581
40.00	-17.95	-22.53	0.00	-1,573.48	0.00	1,573.48	2,223.49	1,111.74	2,878.55	1,421.61	9.54	-2.27	0.576
41.00	-17.73	-22.39	0.00	-1,550.95	0.00	1,550.95	2,216.55	1,108.27	2,855.12	1,410.04	10.02	-2.32	0.570
42.00	-17.52	-22.26	0.00	-1,528.56	0.00	1,528.56	2,209.57	1,104.78	2,831.72	1,398.48	10.52	-2.38	0.565
43.00	-17.31	-22.12	0.00	-1,506.30	0.00	1,506.30	2,202.55	1,101.27	2,808.37	1,386.95	11.02	-2.44	0.559
44.00	-17.09	-21.98	0.00	-1,484.18	0.00	1,484.18	2,195.48	1,097.74	2,785.05	1,375.43	11.54	-2.49	0.554
45.00	-16.88	-21.84	0.00	-1,462.20	0.00	1,462.20	2,188.38	1,094.19	2,761.77	1,363.93	12.07	-2.55	0.548
46.00	-16.67	-21.70	0.00	-1,440.36	0.00	1,440.36	2,181.23	1,090.62	2,738.53	1,352.46	12.61	-2.61	0.543
47.00	-16.46	-21.56	0.00	-1,418.66	0.00	1,418.66	2,174.05	1,087.02	2,715.33	1,341.00	13.16	-2.66	0.538

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

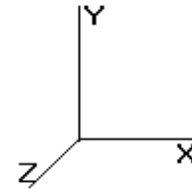
Dead Load Factor : 0.90

Wind Load Factor : 1.60

48.00	-16.25	-21.42	0.00	-1,397.10	0.00	1,397.10	2,166.82	1,083.41	2,692.17	1,329.56	13.73	-2.72	0.532
49.00	-16.04	-21.28	0.00	-1,375.67	0.00	1,375.67	2,159.55	1,079.77	2,669.06	1,318.15	14.30	-2.78	0.527
50.00	-15.83	-21.14	0.00	-1,354.39	0.00	1,354.39	2,152.23	1,076.12	2,645.99	1,306.76	14.89	-2.83	0.521
51.00	-15.63	-21.00	0.00	-1,333.26	0.00	1,333.26	2,144.88	1,072.44	2,622.97	1,295.38	15.49	-2.89	0.516
52.00	-15.42	-20.85	0.00	-1,312.26	0.00	1,312.26	2,137.48	1,068.74	2,599.99	1,284.04	16.10	-2.94	0.510
53.00	-15.22	-20.71	0.00	-1,291.41	0.00	1,291.41	2,130.05	1,065.02	2,577.05	1,272.71	16.72	-3.00	0.505
54.00	-15.01	-20.56	0.00	-1,270.70	0.00	1,270.70	2,122.57	1,061.28	2,554.17	1,261.41	17.36	-3.05	0.499
55.00	-14.81	-20.42	0.00	-1,250.14	0.00	1,250.14	2,115.05	1,057.52	2,531.33	1,250.13	18.00	-3.11	0.494
56.00	-14.61	-20.27	0.00	-1,229.72	0.00	1,229.72	2,107.48	1,053.74	2,508.54	1,238.87	18.66	-3.16	0.488
57.00	-14.41	-20.13	0.00	-1,209.44	0.00	1,209.44	2,099.88	1,049.94	2,485.80	1,227.64	19.33	-3.22	0.483
58.00	-14.20	-19.98	0.00	-1,189.32	0.00	1,189.32	2,092.24	1,046.12	2,463.11	1,216.44	20.01	-3.27	0.477
59.00	-14.00	-19.84	0.00	-1,169.33	0.00	1,169.33	2,084.55	1,042.27	2,440.47	1,205.26	20.70	-3.33	0.472
60.00	-13.81	-19.69	0.00	-1,149.50	0.00	1,149.50	2,076.82	1,038.41	2,417.88	1,194.10	21.40	-3.38	0.466
61.00	-13.61	-19.54	0.00	-1,129.81	0.00	1,129.81	2,069.05	1,034.53	2,395.35	1,182.97	22.11	-3.43	0.461
62.00	-13.41	-19.39	0.00	-1,110.27	0.00	1,110.27	2,061.24	1,030.62	2,372.86	1,171.87	22.84	-3.49	0.455
63.00	-13.21	-19.25	0.00	-1,090.87	0.00	1,090.87	2,053.39	1,026.69	2,350.44	1,160.79	23.57	-3.54	0.450
64.00	-13.02	-19.10	0.00	-1,071.63	0.00	1,071.63	2,045.49	1,022.75	2,328.07	1,149.74	24.32	-3.59	0.444
65.00	-12.82	-18.95	0.00	-1,052.53	0.00	1,052.53	2,037.55	1,018.78	2,305.75	1,138.72	25.08	-3.64	0.439
66.00	-12.63	-18.80	0.00	-1,033.58	0.00	1,033.58	2,029.58	1,014.79	2,283.49	1,127.73	25.85	-3.70	0.433
67.00	-12.44	-18.65	0.00	-1,014.78	0.00	1,014.78	2,020.20	1,010.10	2,259.77	1,116.01	26.63	-3.75	0.428
68.00	-12.24	-18.50	0.00	-996.13	0.00	996.13	2,008.56	1,004.28	2,233.65	1,103.12	27.42	-3.80	0.423
69.00	-12.05	-18.35	0.00	-977.63	0.00	977.63	1,996.92	998.46	2,207.69	1,090.29	28.22	-3.85	0.418
70.00	-11.87	-18.19	0.00	-959.28	0.00	959.28	1,985.27	992.64	2,181.87	1,077.55	29.03	-3.90	0.414
70.00	-11.86	-18.20	0.00	-959.22	0.00	959.22	1,985.24	992.62	2,181.79	1,077.50	29.03	-3.90	0.414
71.00	-11.61	-18.04	0.00	-941.09	0.00	941.09	1,973.63	986.82	2,156.21	1,064.87	29.85	-3.95	0.402
72.00	-11.35	-17.88	0.00	-923.04	0.00	923.04	1,961.99	981.00	2,130.70	1,052.27	30.68	-4.00	0.397
73.00	-11.10	-17.72	0.00	-905.16	0.00	905.16	1,950.35	975.17	2,105.35	1,039.75	31.53	-4.05	0.392
73.50	-10.97	-17.64	0.00	-896.24	0.00	896.24	1,473.96	736.98	1,624.57	802.31	31.95	-4.08	0.458
74.00	-10.88	-17.57	0.00	-887.47	0.00	887.47	1,471.43	735.72	1,617.01	798.58	32.38	-4.10	0.455
75.00	-10.71	-17.42	0.00	-869.90	0.00	869.90	1,466.30	733.15	1,601.82	791.08	33.24	-4.15	0.448
76.00	-10.54	-17.27	0.00	-852.48	0.00	852.48	1,461.13	730.56	1,586.64	783.58	34.12	-4.20	0.441
77.00	-10.37	-17.12	0.00	-835.21	0.00	835.21	1,455.91	727.96	1,571.48	776.10	35.00	-4.25	0.434
78.00	-10.20	-16.96	0.00	-818.10	0.00	818.10	1,450.65	725.33	1,556.35	768.62	35.90	-4.31	0.427
79.00	-10.03	-16.81	0.00	-801.14	0.00	801.14	1,445.36	722.68	1,541.24	761.16	36.81	-4.36	0.420
80.00	-9.86	-16.66	0.00	-784.33	0.00	784.33	1,440.02	720.01	1,526.16	753.71	37.72	-4.41	0.413
81.00	-9.69	-16.50	0.00	-767.67	0.00	767.67	1,434.64	717.32	1,511.11	746.28	38.65	-4.46	0.406
82.00	-9.53	-16.37	0.00	-751.17	0.00	751.17	1,429.21	714.61	1,496.08	738.86	39.59	-4.50	0.400
83.00	-9.36	-16.23	0.00	-734.80	0.00	734.80	1,423.75	711.87	1,481.07	731.45	40.54	-4.55	0.393
84.00	-9.19	-16.09	0.00	-718.57	0.00	718.57	1,418.24	709.12	1,466.10	724.05	41.50	-4.60	0.386
85.00	-9.03	-15.95	0.00	-702.49	0.00	702.49	1,412.69	706.35	1,451.15	716.67	42.47	-4.65	0.379
86.00	-8.86	-15.81	0.00	-686.53	0.00	686.53	1,407.10	703.55	1,436.24	709.30	43.44	-4.70	0.372
86.94	-8.71	-15.68	0.00	-671.67	0.00	671.67	1,401.81	700.91	1,422.25	702.39	44.37	-4.74	0.366
86.94	-8.71	-15.68	0.00	-671.67	0.00	671.67	1,401.81	700.91	1,422.25	702.39	44.37	-4.74	0.963
87.00	-8.69	-15.68	0.00	-670.73	0.00	670.73	1,401.47	700.74	1,421.36	701.95	44.43	-4.74	0.962
88.00	-8.57	-15.56	0.00	-655.05	0.00	655.05	1,395.80	697.90	1,406.50	694.62	45.44	-4.87	0.950
89.00	-8.46	-15.44	0.00	-639.49	0.00	639.49	1,390.09	695.04	1,391.68	687.30	46.47	-4.99	0.937
90.00	-8.34	-15.31	0.00	-624.06	0.00	624.06	1,384.33	692.17	1,376.89	680.00	47.53	-5.11	0.924
91.00	-8.23	-15.19	0.00	-608.74	0.00	608.74	1,378.53	689.27	1,362.14	672.71	48.61	-5.23	0.911
92.00	-8.11	-15.07	0.00	-593.55	0.00	593.55	1,372.70	686.35	1,347.42	665.44	49.72	-5.35	0.898
93.00	-8.00	-14.95	0.00	-578.48	0.00	578.48	1,366.81	683.41	1,332.74	658.19	50.85	-5.47	0.885
94.00	-7.89	-14.83	0.00	-563.53	0.00	563.53	1,360.89	680.45	1,318.09	650.96	52.01	-5.59	0.872
95.00	-7.77	-14.74	0.00	-548.71	0.00	548.71	1,354.93	677.46	1,303.48	643.74	53.19	-5.71	0.859
96.00	-7.66	-14.65	0.00	-533.97	0.00	533.97	1,348.92	674.46	1,288.91	636.54	54.40	-5.83	0.845
97.00	-7.55	-14.57	0.00	-519.31	0.00	519.31	1,342.88	671.44	1,274.38	629.37	55.63	-5.94	0.831
98.00	-7.44	-14.48	0.00	-504.75	0.00	504.75	1,336.79	668.39	1,259.89	622.21	56.88	-6.06	0.817
99.00	-7.33	-14.39	0.00	-490.27	0.00	490.27	1,330.66	665.33	1,245.43	615.07	58.16	-6.17	0.803
100.00	-7.22	-14.30	0.00	-475.88	0.00	475.88	1,324.49	662.24	1,231.02	607.96	59.47	-6.29	0.789

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 0.9D + 1.6W 105.00 mph with No Ice (Reduced DL) 36 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

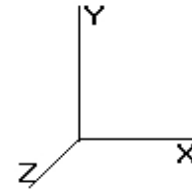
Dead Load Factor : 0.90

Wind Load Factor : 1.60

101.00	-7.11	-14.22	0.00	-461.57	0.00	461.57	1,318.27	659.14	1,216.65	600.86	60.79	-6.40	0.774
102.00	-7.01	-14.13	0.00	-447.36	0.00	447.36	1,312.02	656.01	1,202.33	593.78	62.14	-6.51	0.759
103.00	-6.90	-14.04	0.00	-433.23	0.00	433.23	1,305.72	652.86	1,188.04	586.73	63.52	-6.62	0.744
104.00	-6.79	-13.95	0.00	-419.19	0.00	419.19	1,299.39	649.69	1,173.81	579.70	64.91	-6.73	0.729
105.00	-6.69	-13.87	0.00	-405.23	0.00	405.23	1,293.01	646.50	1,159.61	572.69	66.33	-6.84	0.713
106.00	-6.59	-13.78	0.00	-391.37	0.00	391.37	1,284.34	642.17	1,143.47	564.72	67.77	-6.95	0.699
107.00	-6.49	-13.69	0.00	-377.59	0.00	377.59	1,275.05	637.52	1,126.88	556.52	69.24	-7.05	0.684
108.00	-6.38	-13.60	0.00	-363.90	0.00	363.90	1,265.75	632.87	1,110.41	548.39	70.72	-7.15	0.669
109.00	-6.29	-13.52	0.00	-350.29	0.00	350.29	1,256.45	628.22	1,094.06	540.32	72.23	-7.26	0.654
110.00	-6.20	-13.42	0.00	-336.78	0.00	336.78	1,247.15	623.58	1,077.84	532.30	73.75	-7.36	0.638
110.00	-6.19	-13.43	0.00	-336.73	0.00	336.73	1,247.12	623.56	1,077.78	532.28	73.76	-7.36	0.638
110.00	-6.19	-13.43	0.00	-336.73	0.00	336.73	856.50	428.25	744.58	367.72	73.76	-7.36	0.924
111.00	-6.10	-13.34	0.00	-323.35	0.00	323.35	852.92	426.46	735.92	363.44	75.30	-7.46	0.898
112.00	-6.01	-13.26	0.00	-310.01	0.00	310.01	849.29	424.65	727.25	359.16	76.87	-7.58	0.871
113.00	-5.92	-13.18	0.00	-296.75	0.00	296.75	845.62	422.81	718.59	354.89	78.47	-7.71	0.844
114.00	-5.83	-13.09	0.00	-283.57	0.00	283.57	841.90	420.95	709.95	350.62	80.09	-7.83	0.817
115.00	-5.74	-13.01	0.00	-270.48	0.00	270.48	838.15	419.07	701.32	346.35	81.74	-7.95	0.789
116.00	-5.65	-12.93	0.00	-257.47	0.00	257.47	834.35	417.17	692.70	342.10	83.41	-8.06	0.760
117.00	-5.57	-12.84	0.00	-244.54	0.00	244.54	830.51	415.25	684.10	337.85	85.11	-8.18	0.731
118.00	-5.49	-12.76	0.00	-231.70	0.00	231.70	826.63	413.31	675.51	333.61	86.83	-8.29	0.702
119.00	-4.70	-9.98	0.00	-218.94	0.00	218.94	822.70	411.35	666.94	329.38	88.57	-8.39	0.671
120.00	-4.63	-9.90	0.00	-208.96	0.00	208.96	818.74	409.37	658.39	325.15	90.33	-8.50	0.649
121.00	-4.56	-9.82	0.00	-199.06	0.00	199.06	814.73	407.37	649.85	320.94	92.12	-8.60	0.626
122.00	-4.50	-9.73	0.00	-189.24	0.00	189.24	810.68	405.34	641.34	316.73	93.92	-8.70	0.604
123.00	-4.44	-9.65	0.00	-179.51	0.00	179.51	806.59	403.30	632.85	312.54	95.75	-8.79	0.580
124.00	-4.37	-9.57	0.00	-169.86	0.00	169.86	802.46	401.23	624.37	308.35	97.59	-8.89	0.557
125.00	-4.31	-9.48	0.00	-160.29	0.00	160.29	798.29	399.15	615.92	304.18	99.46	-8.98	0.533
126.00	-4.25	-9.40	0.00	-150.81	0.00	150.81	794.08	397.04	607.49	300.02	101.34	-9.06	0.509
127.00	-4.19	-9.32	0.00	-141.41	0.00	141.41	789.82	394.91	599.09	295.87	103.24	-9.15	0.484
128.00	-2.97	-6.64	0.00	-130.04	0.00	130.04	785.52	392.76	590.71	291.73	105.16	-9.23	0.450
129.00	-2.92	-6.56	0.00	-123.40	0.00	123.40	781.19	390.59	582.35	287.60	107.09	-9.31	0.433
130.00	-2.87	-6.47	0.00	-116.85	0.00	116.85	776.80	388.40	574.02	283.49	109.04	-9.38	0.416
131.00	-2.82	-6.39	0.00	-110.37	0.00	110.37	772.38	386.19	565.72	279.39	111.00	-9.45	0.399
132.00	-2.77	-6.31	0.00	-103.98	0.00	103.98	767.92	383.96	557.44	275.30	112.98	-9.52	0.382
133.00	-2.73	-6.23	0.00	-97.68	0.00	97.68	763.41	381.71	549.20	271.23	114.97	-9.59	0.364
134.00	-2.68	-6.14	0.00	-91.45	0.00	91.45	758.87	379.43	540.98	267.17	116.98	-9.66	0.346
135.00	-2.64	-6.06	0.00	-85.31	0.00	85.31	754.28	377.14	532.79	263.12	119.00	-9.72	0.328
136.00	-2.59	-5.98	0.00	-79.24	0.00	79.24	749.65	374.82	524.63	259.10	121.03	-9.78	0.310
137.00	-2.55	-5.90	0.00	-73.26	0.00	73.26	744.98	372.49	516.51	255.08	123.07	-9.83	0.291
138.00	-2.51	-5.82	0.00	-67.36	0.00	67.36	740.26	370.13	508.41	251.09	125.13	-9.89	0.272
139.00	-2.47	-5.74	0.00	-61.53	0.00	61.53	735.51	367.75	500.35	247.10	127.20	-9.94	0.253
140.00	-2.43	-5.66	0.00	-55.79	0.00	55.79	730.85	365.43	492.42	243.19	129.27	-9.99	0.233
141.00	-2.39	-5.58	0.00	-50.13	0.00	50.13	723.86	361.93	482.99	238.53	131.36	-10.03	0.214
142.00	-2.35	-5.51	0.00	-44.54	0.00	44.54	716.87	358.43	473.65	233.92	133.46	-10.07	0.194
143.00	-2.31	-5.43	0.00	-39.04	0.00	39.04	709.87	354.94	464.40	229.35	135.56	-10.11	0.174
144.00	-2.27	-5.35	0.00	-33.61	0.00	33.61	702.88	351.44	455.24	224.83	137.67	-10.14	0.153
145.00	-2.23	-5.27	0.00	-28.26	0.00	28.26	695.89	347.94	446.18	220.35	139.79	-10.17	0.132
146.00	-2.19	-5.20	0.00	-22.99	0.00	22.99	688.90	344.45	437.20	215.92	141.91	-10.20	0.110
147.00	-2.16	-5.12	0.00	-17.79	0.00	17.79	681.90	340.95	428.32	211.53	144.04	-10.22	0.088
147.99	-2.11	-4.65	0.00	-9.99	0.00	9.99	674.98	337.49	419.62	207.23	146.15	-10.23	0.052
148.00	-0.03	-0.14	0.00	-0.22	0.00	0.22	674.91	337.46	419.53	207.19	146.17	-10.23	0.001
149.00	-0.02	-0.07	0.00	-0.07	0.00	0.07	667.92	333.96	410.83	202.89	148.30	-10.23	0.000
150.00	0.00	-0.07	0.00	0.00	0.00	0.00	660.93	330.46	402.22	198.64	150.43	-10.23	0.000

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

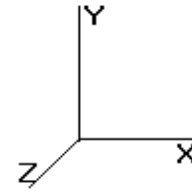
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.057	1.00	3.394	4.07	19.1	52.4	301.3
2.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.133	1.00	3.393	4.07	19.1	56.1	304.2
3.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.180	1.00	3.388	4.07	19.0	58.2	305.5
4.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.215	1.00	3.380	4.06	19.0	59.7	306.3
5.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.242	1.00	3.371	4.05	18.9	60.9	306.6
6.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.265	1.00	3.361	4.03	18.9	61.8	306.8
7.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.285	1.00	3.351	4.02	18.8	62.5	306.7
8.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.302	1.00	3.340	4.01	18.8	63.1	306.6
9.00	Reinf. Top Reinf	1.00	0.70	4.256	4.682	0.000	1.200	* 1.317	1.00	3.330	4.00	18.7	63.6	306.3
10.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.331	1.00	3.318	3.98	18.6	64.0	305.9
11.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.344	1.00	3.307	3.97	18.6	64.4	305.5
12.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.356	1.00	3.295	3.95	18.5	64.7	305.1
13.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.367	1.00	3.284	3.94	18.4	65.0	304.6
14.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.377	1.00	3.272	3.93	18.4	65.2	304.0
15.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.386	1.00	3.260	3.91	18.3	65.4	303.4
16.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.395	1.00	3.248	3.90	18.2	65.5	302.8
17.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.404	1.00	3.236	3.88	18.2	65.6	302.2
18.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.412	1.00	3.224	3.87	18.1	65.7	301.5
19.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.419	1.00	3.211	3.85	18.0	65.8	300.8
20.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.427	1.00	3.199	3.84	18.0	65.9	300.1
21.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.434	1.00	3.187	3.82	17.9	65.9	299.4
22.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.440	1.00	3.174	3.81	17.8	66.0	298.6
23.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.447	1.00	3.162	3.79	17.8	66.0	297.8
24.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.453	1.00	3.149	3.78	17.7	66.0	297.1
25.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.459	1.00	3.137	3.76	17.6	66.0	296.3
26.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.465	1.00	3.124	3.75	17.6	65.9	295.5
27.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.470	1.00	3.112	3.73	17.5	65.9	294.7
28.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.476	1.00	3.099	3.72	17.4	65.8	293.8
29.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.481	1.00	3.086	3.70	17.3	65.8	293.0
30.00		1.00	0.70	4.260	4.686	0.000	1.200	* 1.486	1.00	3.074	3.69	17.3	65.7	292.2
31.00		1.00	0.70	4.300	4.730	0.000	1.200	* 1.491	1.00	3.061	3.67	17.4	65.6	291.3
31.50	Bot - Section 2	1.00	0.71	4.320	4.751	0.000	1.200	* 1.493	0.50	1.536	1.84	8.8	33.0	146.3
32.00		1.00	0.71	4.339	4.773	0.000	1.200	* 1.495	0.50	1.539	1.85	8.8	33.2	211.6
33.00		1.00	0.72	4.377	4.815	0.000	1.200	* 1.500	1.00	3.090	3.71	17.9	66.7	425.0
34.00		1.00	0.72	4.415	4.856	0.000	1.200	* 1.504	1.00	3.077	3.69	17.9	66.6	423.5
35.00		1.00	0.73	4.451	4.897	0.000	1.200	* 1.509	1.00	3.064	3.68	18.0	66.5	421.9
35.67	Top - Section 1	1.00	0.73	4.476	4.923	0.000	1.200	* 1.512	0.67	2.046	2.45	12.1	44.5	281.9
36.00		1.00	0.73	4.487	4.936	0.000	1.200	* 1.513	0.33	1.005	1.21	6.0	21.9	87.5
37.00		1.00	0.74	4.523	4.975	0.000	1.200	* 1.517	1.00	3.038	3.65	18.1	66.2	264.6
38.00		1.00	0.75	4.557	5.013	0.000	1.200	* 1.521	1.00	3.025	3.63	18.2	66.1	263.8
39.00	Appertunance(s)	1.00	0.75	4.591	5.050	0.000	1.200	* 1.525	1.00	3.013	3.62	18.3	66.0	263.1
40.00		1.00	0.76	4.625	5.087	0.000	1.200	* 1.529	1.00	3.000	3.60	18.3	65.8	262.3
41.00		1.00	0.76	4.657	5.123	0.000	1.200	* 1.533	1.00	2.987	3.58	18.4	65.7	261.5
42.00		1.00	0.77	4.689	5.158	0.000	1.200	* 1.537	1.00	2.974	3.57	18.4	65.6	260.7
43.00		1.00	0.77	4.721	5.193	0.000	1.200	* 1.540	1.00	2.961	3.55	18.5	65.4	259.9
44.00		1.00	0.78	4.752	5.227	0.000	1.200	* 1.544	1.00	2.948	3.54	18.5	65.2	259.1
45.00		1.00	0.78	4.783	5.261	0.000	1.200	* 1.547	1.00	2.935	3.52	18.5	65.1	258.3
46.00		1.00	0.79	4.813	5.294	0.000	1.200	* 1.551	1.00	2.922	3.51	18.6	64.9	257.5
47.00		1.00	0.79	4.843	5.327	0.000	1.200	* 1.554	1.00	2.909	3.49	18.6	64.8	256.7
48.00		1.00	0.80	4.872	5.359	0.000	1.200	* 1.557	1.00	2.896	3.48	18.6	64.6	255.9

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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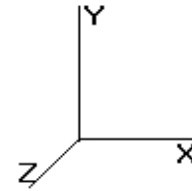
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

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

49.00		1.00	0.80	4.901	5.391	0.000	1.200	*	1.560	1.00	2.883	3.46	18.7	64.4	255.0
50.00		1.00	0.81	4.929	5.422	0.000	1.200	*	1.564	1.00	2.870	3.44	18.7	64.2	254.2
51.00		1.00	0.81	4.957	5.453	0.000	1.200	*	1.567	1.00	2.857	3.43	18.7	64.0	253.4
52.00		1.00	0.82	4.984	5.483	0.000	1.200	*	1.570	1.00	2.844	3.41	18.7	63.8	252.6
53.00		1.00	0.82	5.012	5.513	0.000	1.200	*	1.573	1.00	2.831	3.40	18.7	63.7	251.7
54.00		1.00	0.82	5.039	5.542	0.000	1.200	*	1.576	1.00	2.818	3.38	18.7	63.5	250.9
55.00		1.00	0.83	5.065	5.572	0.000	1.200	*	1.579	1.00	2.805	3.37	18.8	63.3	250.0
56.00		1.00	0.83	5.091	5.600	0.000	1.200	*	1.581	1.00	2.792	3.35	18.8	63.1	249.2
57.00		1.00	0.84	5.117	5.629	0.000	1.200	*	1.584	1.00	2.779	3.33	18.8	62.9	248.3
58.00		1.00	0.84	5.142	5.657	0.000	1.200	*	1.587	1.00	2.766	3.32	18.8	62.6	247.5
59.00		1.00	0.85	5.168	5.684	0.000	1.200	*	1.590	1.00	2.753	3.30	18.8	62.4	246.6
60.00		1.00	0.85	5.193	5.712	0.000	1.200	*	1.592	1.00	2.740	3.29	18.8	62.2	245.8
61.00		1.00	0.85	5.217	5.739	0.000	1.200	*	1.595	1.00	2.727	3.27	18.8	62.0	244.9
62.00		1.00	0.86	5.241	5.766	0.000	1.200	*	1.598	1.00	2.714	3.26	18.8	61.8	244.1
63.00		1.00	0.86	5.265	5.792	0.000	1.200	*	1.600	1.00	2.701	3.24	18.8	61.6	243.2
64.00		1.00	0.87	5.289	5.818	0.000	1.200	*	1.603	1.00	2.688	3.23	18.8	61.3	242.3
65.00		1.00	0.87	5.313	5.844	0.000	1.200	*	1.605	1.00	2.674	3.21	18.8	61.1	241.4
66.00		1.00	0.87	5.336	5.869	0.000	1.200	*	1.608	1.00	2.661	3.19	18.7	60.9	240.6
67.00		1.00	0.88	5.359	5.895	0.000	1.200	*	1.610	1.00	2.648	3.18	18.7	60.7	239.7
68.00		1.00	0.88	5.382	5.920	0.000	1.200	*	1.612	1.00	2.635	3.16	18.7	60.4	238.8
69.00		1.00	0.88	5.404	5.944	0.000	1.200	*	1.615	1.00	2.622	3.15	18.7	60.2	237.9
70.00		1.00	0.89	5.426	5.969	0.000	1.200	*	1.617	1.00	2.609	3.13	18.7	60.0	237.1
70.00	Bot - Section 3	1.00	0.89	5.426	5.969	0.000	1.200	*	1.617	0.00	0.009	0.01	0.1	0.2	0.8
71.00		1.00	0.89	5.448	5.993	0.000	1.200	*	1.619	1.00	2.630	3.16	18.9	60.6	325.6
72.00		1.00	0.90	5.470	6.017	0.000	1.200	*	1.622	1.00	2.626	3.15	19.0	60.5	325.3
73.00		1.00	0.90	5.492	6.041	0.000	1.200	*	1.624	1.00	2.613	3.14	18.9	60.3	323.9
73.50	Top - Section 2	1.00	0.90	5.503	6.053	0.000	1.200	*	1.625	0.50	1.310	1.57	9.5	30.3	162.5
74.00		1.00	0.90	5.513	6.064	0.000	1.200	*	1.626	0.50	1.289	1.55	9.4	29.8	106.6
75.00		1.00	0.91	5.534	6.088	0.000	1.200	*	1.628	1.00	2.586	3.10	18.9	59.8	214.0
76.00		1.00	0.91	5.555	6.111	0.000	1.200	*	1.631	1.00	2.573	3.09	18.9	59.5	213.2
77.00		1.00	0.91	5.576	6.134	0.000	1.200	*	1.633	1.00	2.560	3.07	18.8	59.3	212.4
78.00		1.00	0.92	5.597	6.156	0.000	1.200	*	1.635	1.00	2.547	3.06	18.8	59.0	211.7
79.00		1.00	0.92	5.617	6.179	0.000	1.200	*	1.637	1.00	2.534	3.04	18.8	58.8	210.9
80.00		1.00	0.92	5.637	6.201	0.000	1.200	*	1.639	1.00	2.520	3.02	18.8	58.5	210.1
81.00		1.00	0.93	5.657	6.223	0.000	1.200	*	1.641	1.00	2.507	3.01	18.7	58.3	209.4
82.00		1.00	0.93	5.677	6.245	0.000	1.200	*	1.643	1.00	2.494	2.99	18.7	58.0	208.6
83.00		1.00	0.93	5.697	6.267	0.000	1.200	*	1.645	1.00	2.481	2.98	18.7	57.8	207.8
84.00		1.00	0.94	5.716	6.288	0.000	1.200	*	1.647	1.00	2.468	2.96	18.6	57.5	207.0
85.00		1.00	0.94	5.736	6.309	0.000	1.200	*	1.649	1.00	2.454	2.95	18.6	57.2	206.3
86.00		1.00	0.94	5.755	6.331	0.000	1.200	*	1.651	1.00	2.441	2.93	18.5	57.0	205.5
86.94	Reinf. Top	1.00	0.94	5.773	6.350	0.000	1.200	*	1.653	0.94	2.283	2.74	17.4	53.3	192.5
87.00		1.00	0.95	5.774	6.351	0.000	1.200	*	1.653	0.06	0.145	0.17	1.1	3.4	8.3
88.00		1.00	0.95	5.793	6.372	0.000	1.200	*	1.655	1.00	2.415	2.90	18.5	56.4	137.1
89.00		1.00	0.95	5.812	6.393	0.000	1.200	*	1.656	1.00	2.402	2.88	18.4	56.2	136.3
90.00		1.00	0.95	5.830	6.413	0.000	1.200	*	1.658	1.00	2.388	2.87	18.4	55.9	135.6
91.00		1.00	0.96	5.849	6.434	0.000	1.200	*	1.660	1.00	2.375	2.85	18.3	55.6	134.8
92.00		1.00	0.96	5.867	6.454	0.000	1.200	*	1.662	1.00	2.362	2.83	18.3	55.4	134.0
93.00		1.00	0.96	5.885	6.474	0.000	1.200	*	1.664	1.00	2.349	2.82	18.2	55.1	133.2
94.00		1.00	0.97	5.903	6.493	0.000	1.200	*	1.666	1.00	2.336	2.80	18.2	54.8	132.4
95.00		1.00	0.97	5.921	6.513	0.000	1.200	*	1.667	1.00	2.322	2.79	18.2	54.5	131.6
96.00		1.00	0.97	5.939	6.533	0.000	1.200	*	1.669	1.00	2.309	2.77	18.1	54.3	130.8
97.00		1.00	0.98	5.956	6.552	0.000	1.200	*	1.671	1.00	2.296	2.76	18.1	54.0	130.0
98.00		1.00	0.98	5.974	6.571	0.000	1.200	*	1.672	1.00	2.283	2.74	18.0	53.7	129.2
99.00		1.00	0.98	5.991	6.590	0.000	1.200	*	1.674	1.00	2.269	2.72	17.9	53.4	128.4
100.0		1.00	0.98	6.008	6.609	0.000	1.200	*	1.676	1.00	2.256	2.71	17.9	53.1	127.6
101.0		1.00	0.99	6.026	6.628	0.000	1.200	*	1.678	1.00	2.243	2.69	17.8	52.8	126.8
102.0		1.00	0.99	6.043	6.647	0.000	1.200	*	1.679	1.00	2.230	2.68	17.8	52.6	126.0

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	35 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

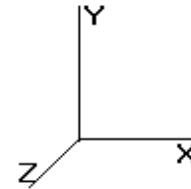
103.0		1.00	0.99	6.059	6.665	0.000	1.200	1.681	1.00	2.216	2.66	17.7	52.3	125.2
104.0		1.00	0.99	6.076	6.684	0.000	1.200	1.682	1.00	2.203	2.64	17.7	52.0	124.4
105.0		1.00	1.00	6.093	6.702	0.000	1.200	1.684	1.00	2.190	2.63	17.6	51.7	123.6
106.0		1.00	1.00	6.109	6.720	0.000	1.200	1.686	1.00	2.177	2.61	17.6	51.4	122.8
107.0		1.00	1.00	6.126	6.738	0.000	1.200	1.687	1.00	2.163	2.60	17.5	51.1	122.0
108.0		1.00	1.01	6.142	6.756	0.000	1.200	1.689	1.00	2.150	2.58	17.4	50.8	121.2
109.0		1.00	1.01	6.158	6.774	0.000	1.200	1.690	1.00	2.137	2.56	17.4	50.5	120.4
110.0		1.00	1.01	6.174	6.792	0.000	1.200	1.692	1.00	2.124	2.55	17.3	50.2	119.6
110.0	Top - Section 3	1.00	1.01	6.174	6.792	0.000	1.200	1.692	0.00	0.007	0.01	0.1	0.2	0.4
111.0		1.00	1.01	6.190	6.809	0.000	1.200	1.693	1.00	2.103	2.52	17.2	49.8	101.5
112.0		1.00	1.02	6.206	6.827	0.000	1.200	1.695	1.00	2.097	2.52	17.2	49.6	101.2
113.0		1.00	1.02	6.222	6.844	0.000	1.200	1.696	1.00	2.084	2.50	17.1	49.3	100.5
114.0		1.00	1.02	6.238	6.861	0.000	1.200	1.698	1.00	2.071	2.48	17.0	49.0	99.8
115.0		1.00	1.02	6.253	6.879	0.000	1.200	1.699	1.00	2.057	2.47	17.0	48.7	99.1
116.0		1.00	1.03	6.269	6.896	0.000	1.200	1.701	1.00	2.044	2.45	16.9	48.4	98.4
117.0		1.00	1.03	6.284	6.913	0.000	1.200	1.702	1.00	2.031	2.44	16.8	48.1	97.7
118.0		1.00	1.03	6.299	6.929	0.000	1.200	1.704	1.00	2.017	2.42	16.8	47.8	97.0
119.0	Appertunance(s)	1.00	1.03	6.315	6.946	0.000	1.200	1.705	1.00	2.004	2.41	16.7	47.5	96.4
120.0		1.00	1.04	6.330	6.963	0.000	1.200	1.707	1.00	1.991	2.39	16.6	47.2	95.7
121.0		1.00	1.04	6.345	6.979	0.000	1.200	1.708	1.00	1.978	2.37	16.6	46.9	95.0
122.0		1.00	1.04	6.360	6.996	0.000	1.200	1.710	1.00	1.964	2.36	16.5	46.6	94.3
123.0		1.00	1.04	6.375	7.012	0.000	1.200	1.711	1.00	1.951	2.34	16.4	46.3	93.6
124.0		1.00	1.05	6.389	7.028	0.000	1.200	1.712	1.00	1.938	2.33	16.3	46.0	92.9
125.0		1.00	1.05	6.404	7.044	0.000	1.200	1.714	1.00	1.924	2.31	16.3	45.7	92.2
126.0		1.00	1.05	6.419	7.060	0.000	1.200	1.715	1.00	1.911	2.29	16.2	45.4	91.5
127.0		1.00	1.05	6.433	7.076	0.000	1.200	1.716	1.00	1.898	2.28	16.1	45.1	90.8
128.0	Appertunance(s)	1.00	1.06	6.448	7.092	0.000	1.200	1.718	1.00	1.885	2.26	16.0	44.8	90.1
129.0		1.00	1.06	6.462	7.108	0.000	1.200	1.719	1.00	1.871	2.25	16.0	44.5	89.4
130.0		1.00	1.06	6.476	7.124	0.000	1.200	1.720	1.00	1.858	2.23	15.9	44.2	88.7
131.0		1.00	1.06	6.490	7.139	0.000	1.200	1.722	1.00	1.845	2.21	15.8	43.8	88.0
132.0		1.00	1.07	6.504	7.155	0.000	1.200	1.723	1.00	1.831	2.20	15.7	43.5	87.3
133.0		1.00	1.07	6.519	7.170	0.000	1.200	1.724	1.00	1.818	2.18	15.6	43.2	86.6
134.0		1.00	1.07	6.532	7.186	0.000	1.200	1.726	1.00	1.805	2.17	15.6	42.9	85.9
135.0		1.00	1.07	6.546	7.201	0.000	1.200	1.727	1.00	1.791	2.15	15.5	42.6	85.2
136.0		1.00	1.07	6.560	7.216	0.000	1.200	1.728	1.00	1.778	2.13	15.4	42.3	84.5
137.0		1.00	1.08	6.574	7.231	0.000	1.200	1.729	1.00	1.765	2.12	15.3	41.9	83.8
138.0		1.00	1.08	6.588	7.246	0.000	1.200	1.731	1.00	1.752	2.10	15.2	41.6	83.1
139.0		1.00	1.08	6.601	7.261	0.000	1.200	1.732	1.00	1.738	2.09	15.1	41.3	82.4
140.0		1.00	1.08	6.615	7.276	0.000	1.200	1.733	1.00	1.725	2.07	15.1	41.0	81.7
141.0		1.00	1.09	6.628	7.291	0.000	1.200	1.734	1.00	1.712	2.05	15.0	40.7	81.0
142.0		1.00	1.09	6.642	7.306	0.000	1.200	1.736	1.00	1.698	2.04	14.9	40.3	80.3
143.0		1.00	1.09	6.655	7.320	0.000	1.200	1.737	1.00	1.685	2.02	14.8	40.0	79.5
144.0		1.00	1.09	6.668	7.335	0.000	1.200	1.738	1.00	1.672	2.01	14.7	39.7	78.8
145.0		1.00	1.09	6.681	7.350	0.000	1.200	1.739	1.00	1.658	1.99	14.6	39.4	78.1
146.0		1.00	1.10	6.695	7.364	0.000	1.200	1.741	1.00	1.645	1.97	14.5	39.1	77.4
147.0		1.00	1.10	6.708	7.378	0.000	1.200	1.742	1.00	1.632	1.96	14.4	38.7	76.7
147.9	Appertunance(s)	1.00	1.10	6.720	7.393	0.000	1.200	1.743	0.99	1.602	1.92	14.2	38.0	75.2
148.0	Appertunance(s)	1.00	1.10	6.721	7.393	0.000	1.200	1.743	0.01	0.016	0.02	0.1	0.4	0.8
149.0		1.00	1.10	6.734	7.407	0.000	1.200	1.744	1.00	1.605	1.93	14.3	38.1	75.3
150.0		1.00	1.11	6.746	7.421	0.000	1.200	1.745	1.00	1.592	1.91	14.2	37.8	74.6

* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 2,650.7 8,452.5 30,319.7

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
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 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

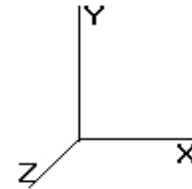
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
39.00	Stand-off	1	4.591	5.050	1.00	1.00	7.58	0.000	0.000	38.28	0.00	0.00	219.06
39.00	GPS	1	4.591	5.050	1.00	1.00	0.88	0.000	0.000	4.45	0.00	0.00	44.20
119.0	Antel BXA-80063/4CF	3	6.315	6.946	0.65	0.80	9.81	0.000	0.000	68.16	0.00	0.00	88.84
119.0	Round T-Arm	3	6.315	6.946	0.67	0.75	26.79	0.000	0.000	186.09	0.00	0.00	1,321.90
119.0	RFS FD9R6004/1C-3L	6	6.315	6.946	0.50	0.80	1.38	0.000	0.000	9.57	0.00	0.00	98.45
119.0	PCS1900 Dual Duplex	6	6.315	6.946	0.50	0.80	3.23	0.000	0.000	22.41	0.00	0.00	325.92
119.0	Alcatel-Lucent RRH2x	3	6.315	6.946	0.50	0.80	3.35	0.000	0.000	23.24	0.00	0.00	372.66
119.0	Antel BXA-171063-8BF	3	6.315	6.946	0.71	0.80	6.45	0.000	0.000	44.81	0.00	0.00	280.28
119.0	Antel BXA-171085-8CF	3	6.315	6.946	0.71	0.80	6.45	0.000	0.000	44.81	0.00	0.00	280.28
119.0	RFS DB-T1-6Z-8AB-0Z	1	6.315	6.946	0.50	0.80	2.26	0.000	0.000	15.70	0.00	0.00	192.67
119.0	Antel BXA-70063/6CF	3	6.315	6.946	0.65	0.80	13.71	0.000	0.000	95.23	0.00	0.00	548.92
119.0	GPS	1	6.315	6.946	1.00	0.80	0.74	0.000	0.000	5.17	0.00	0.00	49.33
128.0	Flat Light Sector Fr	3	6.448	7.092	0.67	0.75	49.42	0.000	0.000	350.49	0.00	0.00	2,000.48
128.0	Ericsson AIR 21, 1.3	3	6.476	7.124	0.70	0.80	11.95	0.000	2.000	85.13	0.00	170.26	821.31
128.0	Ericsson AIR 21, 1.3	3	6.476	7.124	0.70	0.80	12.03	0.000	2.000	85.66	0.00	171.33	819.59
147.9	7' Omni	1	6.785	7.463	1.00	0.75	2.79	0.000	5.000	20.82	0.00	104.12	124.76
147.9	15' Omni	1	6.835	7.518	1.00	0.75	7.44	0.000	9.000	55.92	0.00	503.27	245.63
147.9	8' Dipole	1	6.797	7.477	1.00	0.75	5.75	0.000	6.000	43.03	0.00	258.16	93.83
148.0	Ericsson RRUS 11 (Ba	6	6.785	7.463	0.50	0.75	7.12	0.000	5.000	53.13	0.00	265.66	877.64
148.0	Powerwave LGP13519	6	6.785	7.463	0.50	0.75	1.26	0.000	5.000	9.41	0.00	47.06	128.29
148.0	Allgon 7770.00	6	6.785	7.463	0.65	0.75	21.73	0.000	5.000	162.21	0.00	811.05	229.68
148.0	Platform w/ Handrail	1	6.721	7.393	1.00	1.00	77.30	0.000	0.000	571.47	0.00	0.00	4,293.62
148.0	TMA-DD1900	6	6.785	7.463	0.50	0.75	1.86	0.000	5.000	13.90	0.00	69.49	202.69
148.0	Raycap DC6-48-60-18-	1	6.785	7.463	1.00	0.75	2.14	0.000	5.000	15.96	0.00	79.82	130.96
148.0	KMW AM-X-CD-16-65-	3	6.785	7.463	0.67	0.75	14.04	0.000	5.000	104.78	0.00	523.88	740.16
										2,129.84			14,531.12

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



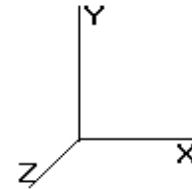
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	35 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.80	0.00	4.256	0.194	1.283	0.00	11.68
2.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.81	0.00	4.256	0.195	1.285	0.00	12.47
3.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.82	0.00	4.256	0.196	1.288	0.00	12.97
4.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.83	0.00	4.256	0.197	1.290	0.00	13.34
5.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.83	0.00	4.256	0.198	1.293	0.00	13.63
6.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.84	0.00	4.256	0.198	1.295	0.00	13.88
7.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.84	0.00	4.256	0.199	1.298	0.00	14.09
8.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.84	0.00	4.256	0.200	1.300	0.00	14.28
9.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.84	1.01	4.256	0.201	0.000	4.74	14.45
10.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.85	1.02	4.256	0.202	0.000	4.76	14.61
11.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.85	1.02	4.256	0.203	0.000	4.77	14.75
12.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.85	1.02	4.256	0.204	0.000	4.78	14.88
13.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.85	1.02	4.256	0.205	0.000	4.79	15.00
14.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.85	1.03	4.256	0.205	0.000	4.80	15.11
15.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.03	4.256	0.206	0.000	4.81	15.22
16.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.03	4.256	0.207	0.000	4.82	15.32
17.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.03	4.256	0.208	0.000	4.83	15.41
18.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.03	4.256	0.209	0.000	4.83	15.50
19.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.03	4.256	0.210	0.000	4.84	15.59
20.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.04	4.256	0.211	0.000	4.85	15.67
21.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.86	1.04	4.256	0.212	0.000	4.85	15.75
22.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.04	4.256	0.213	0.000	4.86	15.82
23.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.04	4.256	0.214	0.000	4.87	15.90
24.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.04	4.256	0.215	0.000	4.87	15.97
25.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.04	4.256	0.216	0.000	4.88	16.03
26.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.04	4.256	0.217	0.000	4.88	16.10
27.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.04	4.256	0.218	0.000	4.89	16.16
28.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.05	4.256	0.219	0.000	4.89	16.22
29.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.05	4.256	0.220	0.000	4.90	16.28
30.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.05	4.260	0.221	0.000	4.91	16.34
31.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.87	1.05	4.300	0.222	0.000	4.96	16.40
31.50	(4) #20 Reinforcement	Yes	0.50	1.200	7.50	0.44	0.53	4.320	0.223	0.000	2.51	8.27
32.00	(4) #20 Reinforcement	Yes	0.50	1.200	7.50	0.43	0.52	4.339	0.224	0.000	2.49	8.17
33.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.05	4.377	0.224	0.000	5.06	16.50
34.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.05	4.415	0.286	0.000	5.10	16.55
34.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.83	4.415	0.286	0.000	4.05	7.78
35.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.05	4.451	0.287	0.000	5.15	16.60
35.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.84	4.451	0.287	0.000	4.09	7.81
35.67	(4) #20 Reinforcement	Yes	0.67	1.200	7.50	0.59	0.71	4.476	0.288	0.000	3.47	11.15
35.67	(4) Plate Reinforcement	Yes	0.67	2.000	2.00	0.28	0.56	4.476	0.288	0.000	2.76	5.25
36.00	(4) #20 Reinforcement	Yes	0.33	1.200	7.50	0.29	0.35	4.487	0.283	0.000	1.71	5.50
36.00	(4) Plate Reinforcement	Yes	0.33	2.000	2.00	0.14	0.28	4.487	0.283	0.000	1.36	2.59
37.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.05	4.523	0.284	0.000	5.24	16.70
37.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.84	4.523	0.284	0.000	4.17	7.87
38.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.05	4.557	0.286	0.000	5.28	16.75
38.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.84	4.557	0.286	0.000	4.21	7.89
39.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.591	0.287	0.000	5.33	16.79
39.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.84	4.591	0.287	0.000	4.25	7.92
40.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.625	0.288	0.000	5.37	16.84
40.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.84	4.625	0.288	0.000	4.29	7.95
41.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.657	0.290	0.000	5.41	16.88

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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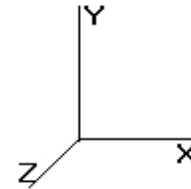
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

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

41.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.84	4.657	0.290	0.000	4.33	7.97
42.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.689	0.291	0.000	5.45	16.92
42.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.85	4.689	0.291	0.000	4.36	8.00
43.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.721	0.293	0.000	5.49	16.96
43.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.85	4.721	0.293	0.000	4.40	8.02
44.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.752	0.294	0.000	5.53	17.01
44.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.85	4.752	0.294	0.000	4.43	8.05
45.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.783	0.296	0.000	5.57	17.05
45.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.42	0.85	4.783	0.296	0.000	4.47	8.07
46.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.813	0.297	0.000	5.61	17.08
46.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.85	4.813	0.297	0.000	4.50	8.10
47.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.843	0.299	0.000	5.65	17.12
47.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.85	4.843	0.299	0.000	4.53	8.12
48.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.88	1.06	4.872	0.300	0.000	5.69	17.16
48.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.85	4.872	0.300	0.000	4.57	8.14
49.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.06	4.901	0.302	0.000	5.73	17.20
49.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.85	4.901	0.302	0.000	4.60	8.16
50.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.06	4.929	0.303	0.000	5.76	17.24
50.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.85	4.929	0.303	0.000	4.63	8.19
51.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.06	4.957	0.305	0.000	5.80	17.27
51.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	4.957	0.305	0.000	4.67	8.21
52.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.06	4.984	0.307	0.000	5.83	17.31
52.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	4.984	0.307	0.000	4.70	8.23
53.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.06	5.012	0.308	0.000	5.87	17.34
53.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.012	0.308	0.000	4.73	8.25
54.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.039	0.310	0.000	5.90	17.38
54.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.039	0.310	0.000	4.76	8.27
55.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.065	0.311	0.000	5.94	17.41
55.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.065	0.311	0.000	4.79	8.29
56.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.091	0.313	0.000	5.97	17.44
56.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.091	0.313	0.000	4.82	8.31
57.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.117	0.315	0.000	6.00	17.47
57.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.117	0.315	0.000	4.85	8.33
58.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.142	0.316	0.000	6.04	17.51
58.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.142	0.316	0.000	4.88	8.35
59.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.168	0.318	0.000	6.07	17.54
59.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.168	0.318	0.000	4.91	8.37
60.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.193	0.320	0.000	6.10	17.57
60.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.86	5.193	0.320	0.000	4.94	8.39
61.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.217	0.322	0.000	6.13	17.60
61.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.87	5.217	0.322	0.000	4.96	8.40
62.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.241	0.323	0.000	6.17	17.63
62.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.87	5.241	0.323	0.000	4.99	8.42
63.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.265	0.325	0.000	6.20	17.66
63.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.87	5.265	0.325	0.000	5.02	8.44
64.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.289	0.327	0.000	6.23	17.69
64.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.87	5.289	0.327	0.000	5.05	8.46
65.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.313	0.329	0.000	6.26	17.72
65.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.87	5.313	0.329	0.000	5.07	8.48
66.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.336	0.331	0.000	6.29	17.75
66.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.43	0.87	5.336	0.331	0.000	5.10	8.49
67.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.359	0.333	0.000	6.32	17.78
67.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.359	0.333	0.000	5.13	8.51
68.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.382	0.335	0.000	6.35	17.80
68.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.382	0.335	0.000	5.16	8.53
69.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.404	0.336	0.000	6.38	17.83
69.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.404	0.336	0.000	5.18	8.54

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

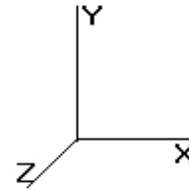
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

70.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.426	0.338	0.000	6.41	17.86
70.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.426	0.338	0.000	5.21	8.56
70.00	(4) #20 Reinforcement	Yes	0.00	1.200	7.50	0.00	0.00	5.426	0.339	0.000	0.02	0.06
70.00	(4) Plate Reinforcement	Yes	0.00	2.000	2.00	0.00	0.00	5.426	0.339	0.000	0.02	0.03
71.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.89	1.07	5.448	0.340	0.000	6.41	17.83
71.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.448	0.340	0.000	5.22	8.55
72.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.07	5.470	0.342	0.000	6.46	17.91
72.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.470	0.342	0.000	5.26	8.59
73.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.07	5.492	0.344	0.000	6.49	17.94
73.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.87	5.492	0.344	0.000	5.28	8.61
73.50	(4) #20 Reinforcement	Yes	0.50	1.200	7.50	0.45	0.54	5.503	0.346	0.000	3.28	9.04
73.50	(4) Plate Reinforcement	Yes	0.50	2.000	2.00	0.22	0.44	5.503	0.346	0.000	2.67	4.34
74.00	(4) #20 Reinforcement	Yes	0.50	1.200	7.50	0.45	0.53	5.513	0.341	0.000	3.24	8.92
74.00	(4) Plate Reinforcement	Yes	0.50	2.000	2.00	0.22	0.43	5.513	0.341	0.000	2.64	4.28
75.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.534	0.342	0.000	6.55	17.99
75.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.534	0.342	0.000	5.33	8.64
76.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.555	0.344	0.000	6.58	18.02
76.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.555	0.344	0.000	5.36	8.65
77.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.576	0.346	0.000	6.60	18.04
77.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.576	0.346	0.000	5.38	8.67
78.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.597	0.348	0.000	6.63	18.07
78.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.597	0.348	0.000	5.41	8.68
79.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.617	0.350	0.000	6.66	18.09
79.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.617	0.350	0.000	5.43	8.70
80.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.637	0.352	0.000	6.68	18.11
80.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.637	0.352	0.000	5.45	8.71
81.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.657	0.354	0.000	6.71	18.14
81.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.44	0.88	5.657	0.354	0.000	5.48	8.73
82.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.677	0.282	0.000	6.74	18.16
83.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.697	0.283	0.000	6.76	18.19
84.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.716	0.285	0.000	6.79	18.21
85.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.736	0.287	0.000	6.81	18.23
86.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.755	0.289	0.000	6.84	18.26
86.94	(4) #20 Reinforcement	Yes	0.94	1.200	7.50	0.85	1.02	5.773	0.290	0.000	6.45	17.18
87.00	(4) #20 Reinforcement	Yes	0.06	1.200	7.50	0.05	0.06	5.774	0.291	0.000	0.41	1.10
88.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.793	0.292	0.000	6.89	18.30
89.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.812	0.294	0.000	6.91	18.32
90.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.830	0.296	0.000	6.94	18.34
91.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.849	0.298	0.000	6.96	18.37
92.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.867	0.300	0.000	6.99	18.39
93.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.885	0.302	0.000	7.01	18.41
94.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.90	1.08	5.903	0.304	0.000	7.03	18.43
Totals:											729.93	1,971.70

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

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

Dead Load Factor : 1.20 Ice Importance Factor : 1.00

Wind Load Factor : 1.00

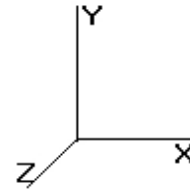
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	19.07	360.32	0.00	0.00
2.00	19.06	363.98	0.00	0.00
3.00	19.03	365.86	0.00	0.00
4.00	18.99	366.96	0.00	0.00
5.00	18.94	367.62	0.00	0.00
6.00	18.88	367.99	0.00	0.00
7.00	18.83	368.16	0.00	0.00
8.00	18.77	368.18	0.00	0.00
9.00	23.45	368.09	0.00	0.00
10.00	23.40	367.89	0.00	0.00
11.00	23.35	367.62	0.00	0.00
12.00	23.29	367.29	0.00	0.00
13.00	23.24	366.90	0.00	0.00
14.00	23.18	366.46	0.00	0.00
15.00	23.12	365.98	0.00	0.00
16.00	23.06	365.46	0.00	0.00
17.00	23.00	364.91	0.00	0.00
18.00	22.94	364.33	0.00	0.00
19.00	22.88	363.73	0.00	0.00
20.00	22.82	363.10	0.00	0.00
21.00	22.76	362.45	0.00	0.00
22.00	22.69	361.78	0.00	0.00
23.00	22.63	361.09	0.00	0.00
24.00	22.56	360.39	0.00	0.00
25.00	22.50	359.66	0.00	0.00
26.00	22.43	358.93	0.00	0.00
27.00	22.37	358.18	0.00	0.00
28.00	22.30	357.42	0.00	0.00
29.00	22.24	356.64	0.00	0.00
30.00	22.19	355.86	0.00	0.00
31.00	22.33	355.07	0.00	0.00
31.50	11.26	178.42	0.00	0.00
32.00	11.30	243.33	0.00	0.00
33.00	22.91	488.83	0.00	0.00
34.00	27.09	495.14	0.00	0.00
35.00	27.25	493.70	0.00	0.00
35.67	18.32	329.97	0.00	0.00
36.00	9.03	111.21	0.00	0.00
37.00	27.55	336.53	0.00	0.00
38.00	27.70	335.84	0.00	0.00
39.00	70.57	598.39	0.00	0.00
40.00	27.97	334.24	0.00	0.00
41.00	28.10	333.53	0.00	0.00
42.00	28.22	332.80	0.00	0.00
43.00	28.34	332.07	0.00	0.00
44.00	28.46	331.34	0.00	0.00
45.00	28.57	330.60	0.00	0.00
46.00	28.68	329.85	0.00	0.00
47.00	28.78	329.10	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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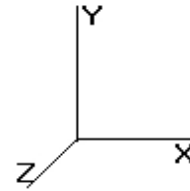
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	35 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

48.00	28.88	328.34	0.00	0.00
49.00	28.98	327.58	0.00	0.00
50.00	29.07	326.81	0.00	0.00
51.00	29.16	326.04	0.00	0.00
52.00	29.24	325.26	0.00	0.00
53.00	29.33	324.48	0.00	0.00
54.00	29.41	323.69	0.00	0.00
55.00	29.48	322.90	0.00	0.00
56.00	29.55	322.11	0.00	0.00
57.00	29.62	321.31	0.00	0.00
58.00	29.69	320.51	0.00	0.00
59.00	29.76	319.71	0.00	0.00
60.00	29.82	318.90	0.00	0.00
61.00	29.88	318.09	0.00	0.00
62.00	29.93	317.27	0.00	0.00
63.00	29.99	316.45	0.00	0.00
64.00	30.04	315.63	0.00	0.00
65.00	30.09	314.81	0.00	0.00
66.00	30.14	313.98	0.00	0.00
67.00	30.18	313.15	0.00	0.00
68.00	30.22	312.32	0.00	0.00
69.00	30.26	311.48	0.00	0.00
70.00	30.30	310.64	0.00	0.00
70.00	0.10	1.03	0.00	0.00
71.00	30.54	398.95	0.00	0.00
72.00	30.68	398.93	0.00	0.00
73.00	30.71	397.57	0.00	0.00
73.50	15.46	199.62	0.00	0.00
74.00	15.26	143.22	0.00	0.00
75.00	30.78	287.77	0.00	0.00
76.00	30.80	287.05	0.00	0.00
77.00	30.83	286.32	0.00	0.00
78.00	30.85	285.60	0.00	0.00
79.00	30.87	284.87	0.00	0.00
80.00	30.89	284.14	0.00	0.00
81.00	30.91	283.40	0.00	0.00
82.00	25.43	273.92	0.00	0.00
83.00	25.42	273.17	0.00	0.00
84.00	25.41	272.42	0.00	0.00
85.00	25.40	271.67	0.00	0.00
86.00	25.38	270.91	0.00	0.00
86.94	23.84	253.97	0.00	0.00
87.00	1.52	12.19	0.00	0.00
88.00	25.35	202.59	0.00	0.00
89.00	25.34	201.83	0.00	0.00
90.00	25.32	201.07	0.00	0.00
91.00	25.30	200.30	0.00	0.00
92.00	25.28	199.53	0.00	0.00
93.00	25.26	198.77	0.00	0.00
94.00	25.23	198.00	0.00	0.00
95.00	18.15	178.77	0.00	0.00
96.00	18.10	177.98	0.00	0.00
97.00	18.05	177.19	0.00	0.00
98.00	18.00	176.39	0.00	0.00
99.00	17.95	175.59	0.00	0.00
100.0	17.89	174.79	0.00	0.00
101.0	17.84	174.00	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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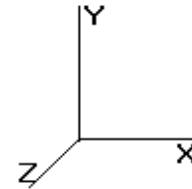
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice	35 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

102.0	17.78	173.19	0.00	0.00
103.0	17.73	172.39	0.00	0.00
104.0	17.67	171.59	0.00	0.00
105.0	17.61	170.79	0.00	0.00
106.0	17.55	169.98	0.00	0.00
107.0	17.49	169.17	0.00	0.00
108.0	17.43	168.37	0.00	0.00
109.0	17.37	167.56	0.00	0.00
110.0	17.31	166.75	0.00	0.00
110.0	0.06	0.56	0.00	0.00
111.0	17.19	148.52	0.00	0.00
112.0	17.18	148.34	0.00	0.00
113.0	17.11	147.65	0.00	0.00
114.0	17.05	146.97	0.00	0.00
115.0	16.98	146.28	0.00	0.00
116.0	16.91	145.59	0.00	0.00
117.0	16.84	144.91	0.00	0.00
118.0	16.78	144.22	0.00	0.00
119.0	531.90	3,702.76	0.00	0.00
120.0	16.63	129.47	0.00	0.00
121.0	16.56	128.78	0.00	0.00
122.0	16.49	128.08	0.00	0.00
123.0	16.42	127.39	0.00	0.00
124.0	16.34	126.69	0.00	0.00
125.0	16.27	126.00	0.00	0.00
126.0	16.19	125.30	0.00	0.00
127.0	16.12	124.60	0.00	0.00
128.0	537.32	3,765.30	0.00	341.59
129.0	15.96	115.74	0.00	0.00
130.0	15.88	115.04	0.00	0.00
131.0	15.80	114.34	0.00	0.00
132.0	15.72	113.64	0.00	0.00
133.0	15.64	112.94	0.00	0.00
134.0	15.56	112.24	0.00	0.00
135.0	15.48	111.53	0.00	0.00
136.0	15.40	110.83	0.00	0.00
137.0	15.31	110.13	0.00	0.00
138.0	15.23	109.42	0.00	0.00
139.0	15.15	108.71	0.00	0.00
140.0	15.06	108.01	0.00	0.00
141.0	14.98	107.30	0.00	0.00
142.0	14.89	106.59	0.00	0.00
143.0	14.80	105.88	0.00	0.00
144.0	14.71	105.17	0.00	0.00
145.0	14.63	104.46	0.00	0.00
146.0	14.54	103.75	0.00	0.00
147.0	14.45	103.04	0.00	0.00
147.9	133.98	565.52	0.00	865.55
148.0	931.00	6,604.01	0.00	1,796.95
149.0	14.27	75.27	0.00	0.00
150.0	14.17	74.56	0.00	0.00
Totals:	5,510.51	53,273.52	0.00	3,004.09

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

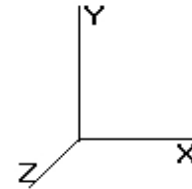
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-53.27	-5.52	0.00	-580.10	0.00	580.10	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.161
1.00	-52.91	-5.51	0.00	-574.58	0.00	574.58	3,148.69	1,574.34	4,778.83	2,360.09	0.00	-0.01	0.160
2.00	-52.55	-5.50	0.00	-569.07	0.00	569.07	3,140.17	1,570.08	4,745.43	2,343.59	0.01	-0.03	0.159
3.00	-52.18	-5.49	0.00	-563.57	0.00	563.57	3,131.60	1,565.80	4,712.07	2,327.11	0.01	-0.04	0.159
4.00	-51.81	-5.49	0.00	-558.08	0.00	558.08	3,123.00	1,561.50	4,678.76	2,310.67	0.02	-0.05	0.158
5.00	-51.44	-5.48	0.00	-552.60	0.00	552.60	3,114.35	1,557.18	4,645.51	2,294.24	0.03	-0.06	0.157
6.00	-51.07	-5.47	0.00	-547.12	0.00	547.12	3,105.67	1,552.83	4,612.30	2,277.84	0.05	-0.08	0.156
7.00	-50.70	-5.46	0.00	-541.65	0.00	541.65	3,096.94	1,548.47	4,579.15	2,261.47	0.07	-0.09	0.156
8.00	-50.33	-5.45	0.00	-536.18	0.00	536.18	3,088.17	1,544.08	4,546.05	2,245.12	0.09	-0.10	0.155
9.00	-49.96	-5.44	0.00	-530.73	0.00	530.73	3,079.35	1,539.68	4,513.00	2,228.80	0.11	-0.12	0.154
9.00	-49.96	-5.44	0.00	-530.73	0.00	530.73	3,079.35	1,539.68	4,513.00	2,228.80	0.11	-0.12	0.154
10.00	-49.60	-5.43	0.00	-525.29	0.00	525.29	3,070.50	1,535.25	4,480.00	2,212.51	0.14	-0.13	0.153
11.00	-49.23	-5.42	0.00	-519.86	0.00	519.86	3,061.60	1,530.80	4,447.07	2,196.24	0.16	-0.14	0.152
12.00	-48.86	-5.40	0.00	-514.45	0.00	514.45	3,052.67	1,526.33	4,414.18	2,180.00	0.20	-0.16	0.151
13.00	-48.49	-5.39	0.00	-509.04	0.00	509.04	3,043.69	1,521.84	4,381.36	2,163.79	0.23	-0.17	0.151
14.00	-48.12	-5.38	0.00	-503.66	0.00	503.66	3,034.67	1,517.33	4,348.59	2,147.60	0.27	-0.18	0.150
15.00	-47.76	-5.36	0.00	-498.28	0.00	498.28	3,025.61	1,512.80	4,315.88	2,131.45	0.31	-0.19	0.149
16.00	-47.39	-5.35	0.00	-492.92	0.00	492.92	3,016.50	1,508.25	4,283.23	2,115.32	0.35	-0.21	0.148
17.00	-47.02	-5.33	0.00	-487.57	0.00	487.57	3,007.36	1,503.68	4,250.63	2,099.23	0.39	-0.22	0.147
18.00	-46.66	-5.32	0.00	-482.23	0.00	482.23	2,998.17	1,499.09	4,218.10	2,083.16	0.44	-0.23	0.146
19.00	-46.29	-5.31	0.00	-476.91	0.00	476.91	2,988.94	1,494.47	4,185.63	2,067.13	0.49	-0.25	0.146
20.00	-45.93	-5.29	0.00	-471.61	0.00	471.61	2,979.67	1,489.84	4,153.23	2,051.12	0.54	-0.26	0.145
21.00	-45.56	-5.28	0.00	-466.31	0.00	466.31	2,970.36	1,485.18	4,120.88	2,035.15	0.60	-0.27	0.144
22.00	-45.20	-5.26	0.00	-461.04	0.00	461.04	2,961.01	1,480.51	4,088.60	2,019.21	0.66	-0.29	0.143
23.00	-44.84	-5.25	0.00	-455.77	0.00	455.77	2,951.62	1,475.81	4,056.39	2,003.30	0.72	-0.30	0.142
24.00	-44.48	-5.24	0.00	-450.52	0.00	450.52	2,942.18	1,471.09	4,024.24	1,987.42	0.78	-0.31	0.141
25.00	-44.12	-5.22	0.00	-445.28	0.00	445.28	2,932.70	1,466.35	3,992.16	1,971.58	0.85	-0.32	0.140
26.00	-43.76	-5.21	0.00	-440.06	0.00	440.06	2,923.18	1,461.59	3,960.14	1,955.77	0.92	-0.34	0.139
27.00	-43.40	-5.19	0.00	-434.86	0.00	434.86	2,913.62	1,456.81	3,928.19	1,939.99	0.99	-0.35	0.138
28.00	-43.04	-5.18	0.00	-429.66	0.00	429.66	2,903.09	1,451.54	3,895.07	1,923.63	1.07	-0.36	0.138
29.00	-42.68	-5.16	0.00	-424.49	0.00	424.49	2,889.14	1,444.57	3,857.52	1,905.08	1.14	-0.38	0.137
30.00	-42.33	-5.15	0.00	-419.32	0.00	419.32	2,875.19	1,437.60	3,820.15	1,886.63	1.22	-0.39	0.136
31.00	-41.97	-5.13	0.00	-414.18	0.00	414.18	2,861.25	1,430.62	3,782.97	1,868.27	1.31	-0.40	0.135
31.50	-41.79	-5.12	0.00	-411.59	0.00	411.59	2,854.23	1,427.11	3,764.32	1,859.06	1.35	-0.41	0.135
32.00	-41.55	-5.12	0.00	-409.05	0.00	409.05	2,847.30	1,423.65	3,745.97	1,849.99	1.39	-0.41	0.133
33.00	-41.06	-5.10	0.00	-403.93	0.00	403.93	2,833.35	1,416.68	3,709.14	1,831.81	1.48	-0.43	0.132
34.00	-40.56	-5.08	0.00	-398.84	0.00	398.84	2,819.40	1,409.70	3,672.50	1,813.71	1.57	-0.44	0.131
35.00	-40.07	-5.05	0.00	-393.76	0.00	393.76	2,805.46	1,402.73	3,636.05	1,795.71	1.67	-0.45	0.131
35.67	-39.74	-5.04	0.00	-390.37	0.00	390.37	2,253.05	1,126.52	2,980.43	1,471.92	1.73	-0.46	0.150
36.00	-39.62	-5.03	0.00	-388.71	0.00	388.71	2,250.82	1,125.41	2,972.64	1,468.08	1.76	-0.47	0.149
37.00	-39.29	-5.01	0.00	-383.68	0.00	383.68	2,244.05	1,122.03	2,949.07	1,456.43	1.86	-0.48	0.148
38.00	-38.95	-4.99	0.00	-378.67	0.00	378.67	2,237.24	1,118.62	2,925.53	1,444.81	1.96	-0.49	0.147
39.00	-38.35	-4.92	0.00	-373.67	0.00	373.67	2,230.38	1,115.19	2,902.02	1,433.20	2.07	-0.51	0.145
40.00	-38.02	-4.90	0.00	-368.75	0.00	368.75	2,223.49	1,111.74	2,878.55	1,421.61	2.18	-0.52	0.144
41.00	-37.68	-4.88	0.00	-363.85	0.00	363.85	2,216.55	1,108.27	2,855.12	1,410.04	2.29	-0.53	0.143
42.00	-37.35	-4.86	0.00	-358.97	0.00	358.97	2,209.57	1,104.78	2,831.72	1,398.48	2.40	-0.55	0.142
43.00	-37.02	-4.83	0.00	-354.11	0.00	354.11	2,202.55	1,101.27	2,808.37	1,386.95	2.51	-0.56	0.141
44.00	-36.68	-4.81	0.00	-349.28	0.00	349.28	2,195.48	1,097.74	2,785.05	1,375.43	2.63	-0.57	0.139
45.00	-36.35	-4.79	0.00	-344.47	0.00	344.47	2,188.38	1,094.19	2,761.77	1,363.93	2.76	-0.59	0.138
46.00	-36.02	-4.76	0.00	-339.68	0.00	339.68	2,181.23	1,090.62	2,738.53	1,352.46	2.88	-0.60	0.137
47.00	-35.69	-4.74	0.00	-334.92	0.00	334.92	2,174.05	1,087.02	2,715.33	1,341.00	3.01	-0.61	0.136

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



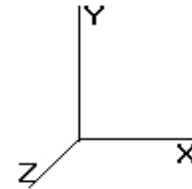
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

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

48.00	-35.36	-4.72	0.00	-330.18	0.00	330.18	2,166.82	1,083.41	2,692.17	1,329.56	3.14	-0.63	0.135
49.00	-35.03	-4.69	0.00	-325.46	0.00	325.46	2,159.55	1,079.77	2,669.06	1,318.15	3.27	-0.64	0.133
50.00	-34.71	-4.67	0.00	-320.77	0.00	320.77	2,152.23	1,076.12	2,645.99	1,306.76	3.41	-0.65	0.132
51.00	-34.38	-4.64	0.00	-316.10	0.00	316.10	2,144.88	1,072.44	2,622.97	1,295.38	3.54	-0.67	0.131
52.00	-34.05	-4.62	0.00	-311.46	0.00	311.46	2,137.48	1,068.74	2,599.99	1,284.04	3.69	-0.68	0.130
53.00	-33.73	-4.59	0.00	-306.85	0.00	306.85	2,130.05	1,065.02	2,577.05	1,272.71	3.83	-0.69	0.128
54.00	-33.40	-4.56	0.00	-302.26	0.00	302.26	2,122.57	1,061.28	2,554.17	1,261.41	3.98	-0.71	0.127
55.00	-33.08	-4.54	0.00	-297.69	0.00	297.69	2,115.05	1,057.52	2,531.33	1,250.13	4.13	-0.72	0.126
56.00	-32.76	-4.51	0.00	-293.15	0.00	293.15	2,107.48	1,053.74	2,508.54	1,238.87	4.28	-0.73	0.125
57.00	-32.44	-4.49	0.00	-288.64	0.00	288.64	2,099.88	1,049.94	2,485.80	1,227.64	4.43	-0.74	0.123
58.00	-32.11	-4.46	0.00	-284.16	0.00	284.16	2,092.24	1,046.12	2,463.11	1,216.44	4.59	-0.76	0.122
59.00	-31.79	-4.43	0.00	-279.70	0.00	279.70	2,084.55	1,042.27	2,440.47	1,205.26	4.75	-0.77	0.121
60.00	-31.47	-4.41	0.00	-275.26	0.00	275.26	2,076.82	1,038.41	2,417.88	1,194.10	4.91	-0.78	0.120
61.00	-31.16	-4.38	0.00	-270.86	0.00	270.86	2,069.05	1,034.53	2,395.35	1,182.97	5.08	-0.80	0.118
62.00	-30.84	-4.35	0.00	-266.48	0.00	266.48	2,061.24	1,030.62	2,372.86	1,171.87	5.25	-0.81	0.117
63.00	-30.52	-4.32	0.00	-262.13	0.00	262.13	2,053.39	1,026.69	2,350.44	1,160.79	5.42	-0.82	0.116
64.00	-30.21	-4.29	0.00	-257.81	0.00	257.81	2,045.49	1,022.75	2,328.07	1,149.74	5.59	-0.83	0.115
65.00	-29.89	-4.27	0.00	-253.51	0.00	253.51	2,037.55	1,018.78	2,305.75	1,138.72	5.77	-0.85	0.113
66.00	-29.58	-4.24	0.00	-249.25	0.00	249.25	2,029.58	1,014.79	2,283.49	1,127.73	5.95	-0.86	0.112
67.00	-29.26	-4.21	0.00	-245.01	0.00	245.01	2,020.20	1,010.10	2,259.77	1,116.01	6.13	-0.87	0.111
68.00	-28.95	-4.18	0.00	-240.80	0.00	240.80	2,008.56	1,004.28	2,233.65	1,103.12	6.31	-0.88	0.110
69.00	-28.64	-4.15	0.00	-236.62	0.00	236.62	1,996.92	998.46	2,207.69	1,090.29	6.50	-0.90	0.109
70.00	-28.33	-4.12	0.00	-232.46	0.00	232.46	1,985.27	992.64	2,181.87	1,077.55	6.69	-0.91	0.108
70.00	-28.33	-4.12	0.00	-232.45	0.00	232.45	1,985.24	992.62	2,181.79	1,077.50	6.69	-0.91	0.108
71.00	-27.93	-4.09	0.00	-228.34	0.00	228.34	1,973.63	986.82	2,156.21	1,064.87	6.88	-0.92	0.105
72.00	-27.53	-4.06	0.00	-224.25	0.00	224.25	1,961.99	981.00	2,130.70	1,052.27	7.07	-0.93	0.104
73.00	-27.13	-4.03	0.00	-220.19	0.00	220.19	1,950.35	975.17	2,105.35	1,039.75	7.27	-0.95	0.103
73.50	-26.93	-4.01	0.00	-218.16	0.00	218.16	1,473.96	736.98	1,624.57	802.31	7.37	-0.95	0.120
74.00	-26.79	-4.00	0.00	-216.17	0.00	216.17	1,471.43	735.72	1,617.01	798.58	7.47	-0.96	0.119
75.00	-26.50	-3.97	0.00	-212.17	0.00	212.17	1,466.30	733.15	1,601.82	791.08	7.67	-0.97	0.118
76.00	-26.21	-3.94	0.00	-208.20	0.00	208.20	1,461.13	730.56	1,586.64	783.58	7.88	-0.98	0.116
77.00	-25.92	-3.91	0.00	-204.26	0.00	204.26	1,455.91	727.96	1,571.48	776.10	8.08	-1.00	0.114
78.00	-25.64	-3.88	0.00	-200.35	0.00	200.35	1,450.65	725.33	1,556.35	768.62	8.29	-1.01	0.113
79.00	-25.35	-3.85	0.00	-196.48	0.00	196.48	1,445.36	722.68	1,541.24	761.16	8.51	-1.02	0.111
80.00	-25.07	-3.82	0.00	-192.63	0.00	192.63	1,440.02	720.01	1,526.16	753.71	8.72	-1.03	0.109
81.00	-24.79	-3.79	0.00	-188.81	0.00	188.81	1,434.64	717.32	1,511.11	746.28	8.94	-1.04	0.108
82.00	-24.51	-3.76	0.00	-185.02	0.00	185.02	1,429.21	714.61	1,496.08	738.86	9.16	-1.06	0.106
83.00	-24.24	-3.74	0.00	-181.26	0.00	181.26	1,423.75	711.87	1,481.07	731.45	9.38	-1.07	0.105
84.00	-23.96	-3.71	0.00	-177.53	0.00	177.53	1,418.24	709.12	1,466.10	724.05	9.61	-1.08	0.103
85.00	-23.69	-3.68	0.00	-173.82	0.00	173.82	1,412.69	706.35	1,451.15	716.67	9.84	-1.09	0.101
86.00	-23.42	-3.66	0.00	-170.13	0.00	170.13	1,407.10	703.55	1,436.24	709.30	10.07	-1.10	0.100
86.94	-23.17	-3.63	0.00	-166.69	0.00	166.69	1,401.81	700.91	1,422.25	702.39	10.28	-1.12	0.098
86.94	-23.17	-3.63	0.00	-166.69	0.00	166.69	1,401.81	700.91	1,422.25	702.39	10.28	-1.12	0.254
87.00	-23.15	-3.64	0.00	-166.47	0.00	166.47	1,401.47	700.74	1,421.36	701.95	10.30	-1.12	0.254
88.00	-22.95	-3.62	0.00	-162.84	0.00	162.84	1,395.80	697.90	1,406.50	694.62	10.54	-1.15	0.251
89.00	-22.75	-3.60	0.00	-159.22	0.00	159.22	1,390.09	695.04	1,391.68	687.30	10.78	-1.18	0.248
90.00	-22.55	-3.59	0.00	-155.62	0.00	155.62	1,384.33	692.17	1,376.89	680.00	11.03	-1.21	0.245
91.00	-22.34	-3.57	0.00	-152.03	0.00	152.03	1,378.53	689.27	1,362.14	672.71	11.29	-1.24	0.242
92.00	-22.14	-3.55	0.00	-148.46	0.00	148.46	1,372.70	686.35	1,347.42	665.44	11.55	-1.27	0.239
93.00	-21.94	-3.53	0.00	-144.91	0.00	144.91	1,366.81	683.41	1,332.74	658.19	11.82	-1.30	0.236
94.00	-21.74	-3.51	0.00	-141.38	0.00	141.38	1,360.89	680.45	1,318.09	650.96	12.09	-1.33	0.233
95.00	-21.56	-3.50	0.00	-137.87	0.00	137.87	1,354.93	677.46	1,303.48	643.74	12.37	-1.36	0.230
96.00	-21.38	-3.49	0.00	-134.37	0.00	134.37	1,348.92	674.46	1,288.91	636.54	12.66	-1.39	0.227
97.00	-21.21	-3.48	0.00	-130.88	0.00	130.88	1,342.88	671.44	1,274.38	629.37	12.95	-1.42	0.224
98.00	-21.03	-3.47	0.00	-127.40	0.00	127.40	1,336.79	668.39	1,259.89	622.21	13.25	-1.45	0.221
99.00	-20.85	-3.45	0.00	-123.94	0.00	123.94	1,330.66	665.33	1,245.43	615.07	13.56	-1.47	0.217
100.00	-20.68	-3.44	0.00	-120.48	0.00	120.48	1,324.49	662.24	1,231.02	607.96	13.87	-1.50	0.214

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



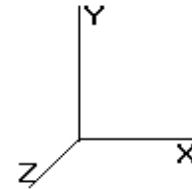
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 0.75 in Radial Ice 35 Iterations

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

101.00	-20.50	-3.43	0.00	-117.04	0.00	117.04	1,318.27	659.14	1,216.65	600.86	14.19	-1.53	0.210
102.00	-20.33	-3.42	0.00	-113.61	0.00	113.61	1,312.02	656.01	1,202.33	593.78	14.51	-1.56	0.207
103.00	-20.15	-3.41	0.00	-110.19	0.00	110.19	1,305.72	652.86	1,188.04	586.73	14.84	-1.59	0.203
104.00	-19.98	-3.39	0.00	-106.78	0.00	106.78	1,299.39	649.69	1,173.81	579.70	15.18	-1.62	0.200
105.00	-19.81	-3.38	0.00	-103.39	0.00	103.39	1,293.01	646.50	1,159.61	572.69	15.52	-1.64	0.196
106.00	-19.64	-3.37	0.00	-100.01	0.00	100.01	1,284.34	642.17	1,143.47	564.72	15.87	-1.67	0.192
107.00	-19.47	-3.35	0.00	-96.65	0.00	96.65	1,275.05	637.52	1,126.88	556.52	16.22	-1.70	0.189
108.00	-19.30	-3.34	0.00	-93.29	0.00	93.29	1,265.75	632.87	1,110.41	548.39	16.58	-1.72	0.185
109.00	-19.13	-3.33	0.00	-89.95	0.00	89.95	1,256.45	628.22	1,094.06	540.32	16.94	-1.75	0.182
110.00	-18.96	-3.31	0.00	-86.63	0.00	86.63	1,247.15	623.58	1,077.84	532.30	17.31	-1.78	0.178
110.00	-18.96	-3.31	0.00	-86.62	0.00	86.62	1,247.12	623.56	1,077.78	532.28	17.31	-1.78	0.178
111.00	-18.81	-3.30	0.00	-83.32	0.00	83.32	856.50	428.25	744.58	367.72	17.31	-1.78	0.258
112.00	-18.66	-3.29	0.00	-80.02	0.00	80.02	852.92	426.46	735.92	363.44	17.69	-1.80	0.251
113.00	-18.51	-3.28	0.00	-76.73	0.00	76.73	849.29	424.65	727.25	359.16	18.07	-1.83	0.245
114.00	-18.36	-3.26	0.00	-73.45	0.00	73.45	845.62	422.81	718.59	354.89	18.46	-1.87	0.238
115.00	-18.22	-3.25	0.00	-70.19	0.00	70.19	841.90	420.95	709.95	350.62	18.85	-1.90	0.231
116.00	-18.07	-3.24	0.00	-66.94	0.00	66.94	838.15	419.07	701.32	346.35	19.25	-1.93	0.224
117.00	-17.92	-3.23	0.00	-63.70	0.00	63.70	834.35	417.17	692.70	342.10	19.66	-1.96	0.217
118.00	-17.78	-3.21	0.00	-60.47	0.00	60.47	830.51	415.25	684.10	337.85	20.07	-1.99	0.210
119.00	-17.63	-3.20	0.00	-57.25	0.00	57.25	826.63	413.31	675.51	333.61	20.49	-2.02	0.203
120.00	-17.49	-3.19	0.00	-54.04	0.00	54.04	822.70	411.35	666.94	329.38	20.92	-2.04	0.191
121.00	-17.35	-3.18	0.00	-50.84	0.00	50.84	818.74	409.37	658.39	325.15	21.35	-2.07	0.185
122.00	-17.22	-3.17	0.00	-47.65	0.00	47.65	814.73	407.37	649.85	320.94	21.78	-2.10	0.180
123.00	-17.09	-3.16	0.00	-44.47	0.00	44.47	810.68	405.34	641.34	316.73	22.23	-2.12	0.174
124.00	-16.96	-3.15	0.00	-41.30	0.00	41.30	806.59	403.30	632.85	312.54	22.67	-2.15	0.168
125.00	-16.84	-3.14	0.00	-38.14	0.00	38.14	802.46	401.23	624.37	308.35	23.13	-2.17	0.161
126.00	-16.72	-3.13	0.00	-35.00	0.00	35.00	798.29	399.15	615.92	304.18	23.58	-2.20	0.155
127.00	-16.60	-3.12	0.00	-31.88	0.00	31.88	794.08	397.04	607.49	300.02	24.05	-2.22	0.149
128.00	-16.49	-3.11	0.00	-28.78	0.00	28.78	789.82	394.91	599.09	295.87	24.51	-2.24	0.142
129.00	-16.38	-3.10	0.00	-25.70	0.00	25.70	785.52	392.76	590.71	291.73	24.99	-2.26	0.130
130.00	-16.27	-3.09	0.00	-22.64	0.00	22.64	781.19	390.59	582.35	287.60	25.46	-2.28	0.125
131.00	-16.17	-3.08	0.00	-19.60	0.00	19.60	776.80	388.40	574.02	283.49	25.94	-2.30	0.121
132.00	-16.07	-3.07	0.00	-16.59	0.00	16.59	772.38	386.19	565.72	279.39	26.43	-2.32	0.116
133.00	-16.00	-3.06	0.00	-13.60	0.00	13.60	767.92	383.96	557.44	275.30	26.92	-2.34	0.112
134.00	-15.93	-3.05	0.00	-10.63	0.00	10.63	763.41	381.71	549.20	271.23	27.41	-2.36	0.107
135.00	-15.87	-3.04	0.00	-7.68	0.00	7.68	758.87	379.43	540.98	267.17	27.90	-2.38	0.102
136.00	-15.81	-3.03	0.00	-4.75	0.00	4.75	754.28	377.14	532.79	263.12	28.40	-2.39	0.097
137.00	-15.76	-3.02	0.00	-1.84	0.00	1.84	749.65	374.82	524.63	259.10	28.91	-2.41	0.092
138.00	-15.71	-3.01	0.00	1.14	0.00	1.14	744.98	372.49	516.51	255.08	29.41	-2.42	0.087
139.00	-15.67	-3.00	0.00	4.15	0.00	4.15	740.26	370.13	508.41	251.09	29.92	-2.44	0.082
140.00	-15.63	-2.99	0.00	7.18	0.00	7.18	735.51	367.75	500.35	247.10	30.43	-2.45	0.076
141.00	-15.60	-2.98	0.00	10.23	0.00	10.23	730.85	365.43	492.42	243.19	30.95	-2.46	0.071
142.00	-15.57	-2.97	0.00	13.30	0.00	13.30	723.86	361.93	482.99	238.53	31.47	-2.48	0.065
143.00	-15.54	-2.96	0.00	16.39	0.00	16.39	716.87	358.43	473.65	233.92	31.99	-2.49	0.060
144.00	-15.51	-2.95	0.00	19.50	0.00	19.50	709.87	354.94	464.40	229.35	32.51	-2.50	0.054
145.00	-15.48	-2.94	0.00	22.63	0.00	22.63	702.88	351.44	455.24	224.83	33.03	-2.50	0.049
146.00	-15.45	-2.93	0.00	25.78	0.00	25.78	695.89	347.94	446.18	220.35	33.56	-2.51	0.043
147.00	-15.42	-2.92	0.00	28.94	0.00	28.94	688.90	344.45	437.20	215.92	34.08	-2.52	0.036
148.00	-15.39	-2.91	0.00	32.12	0.00	32.12	681.90	340.95	428.32	211.53	34.61	-2.52	0.030
149.00	-15.36	-2.90	0.00	35.32	0.00	35.32	674.98	337.49	419.62	207.23	35.13	-2.53	0.019
150.00	-15.33	-2.89	0.00	38.54	0.00	38.54	667.92	333.96	410.83	202.89	35.67	-2.53	0.000
150.00	0.00	-0.01	0.00	0.00	0.00	0.00	660.93	330.46	402.22	198.64	36.20	-2.53	0.000

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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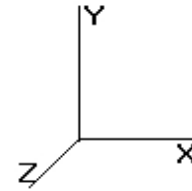
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	34 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	161.88	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	6.129	6.742	161.20	1.000	* 0.000	1.00	3.218	3.22	21.7	0.0	218.5
2.00		1.00	0.70	6.129	6.742	160.53	1.000	* 0.000	1.00	3.205	3.20	21.6	0.0	217.9
3.00		1.00	0.70	6.129	6.742	159.85	1.000	* 0.000	1.00	3.191	3.19	21.5	0.0	217.2
4.00		1.00	0.70	6.129	6.742	159.17	1.000	* 0.000	1.00	3.178	3.18	21.4	0.0	216.6
5.00		1.00	0.70	6.129	6.742	158.49	1.000	* 0.000	1.00	3.164	3.16	21.3	0.0	216.0
6.00		1.00	0.70	6.129	6.742	157.81	1.000	* 0.000	1.00	3.151	3.15	21.2	0.0	215.3
7.00		1.00	0.70	6.129	6.742	157.13	1.000	* 0.000	1.00	3.137	3.14	21.1	0.0	214.7
8.00		1.00	0.70	6.129	6.742	156.45	1.000	* 0.000	1.00	3.123	3.12	21.1	0.0	214.0
9.00	Reinf. Top Reinf	1.00	0.70	6.129	6.742	155.78	1.200	* 0.000	1.00	3.110	3.73	25.2	0.0	213.4
10.00		1.00	0.70	6.129	6.742	155.10	1.200	* 0.000	1.00	3.096	3.72	25.0	0.0	212.7
11.00		1.00	0.70	6.129	6.742	154.42	1.200	* 0.000	1.00	3.083	3.70	24.9	0.0	212.1
12.00		1.00	0.70	6.129	6.742	153.74	1.200	* 0.000	1.00	3.069	3.68	24.8	0.0	211.4
13.00		1.00	0.70	6.129	6.742	153.06	1.200	* 0.000	1.00	3.056	3.67	24.7	0.0	210.8
14.00		1.00	0.70	6.129	6.742	152.38	1.200	* 0.000	1.00	3.042	3.65	24.6	0.0	210.2
15.00		1.00	0.70	6.129	6.742	151.70	1.200	* 0.000	1.00	3.029	3.63	24.5	0.0	209.5
16.00		1.00	0.70	6.129	6.742	151.02	1.200	* 0.000	1.00	3.015	3.62	24.4	0.0	208.9
17.00		1.00	0.70	6.129	6.742	150.35	1.200	* 0.000	1.00	3.002	3.60	24.3	0.0	208.2
18.00		1.00	0.70	6.129	6.742	149.67	1.200	* 0.000	1.00	2.988	3.59	24.2	0.0	207.6
19.00		1.00	0.70	6.129	6.742	148.99	1.200	* 0.000	1.00	2.975	3.57	24.1	0.0	206.9
20.00		1.00	0.70	6.129	6.742	148.31	1.200	* 0.000	1.00	2.961	3.55	24.0	0.0	206.3
21.00		1.00	0.70	6.129	6.742	147.63	1.200	* 0.000	1.00	2.948	3.54	23.8	0.0	205.6
22.00		1.00	0.70	6.129	6.742	146.95	1.200	* 0.000	1.00	2.934	3.52	23.7	0.0	205.0
23.00		1.00	0.70	6.129	6.742	146.27	1.200	* 0.000	1.00	2.921	3.50	23.6	0.0	204.4
24.00		1.00	0.70	6.129	6.742	145.60	1.200	* 0.000	1.00	2.907	3.49	23.5	0.0	203.7
25.00		1.00	0.70	6.129	6.742	144.92	1.200	* 0.000	1.00	2.894	3.47	23.4	0.0	203.1
26.00		1.00	0.70	6.129	6.742	144.24	1.200	* 0.000	1.00	2.880	3.46	23.3	0.0	202.4
27.00		1.00	0.70	6.129	6.742	143.56	1.200	* 0.000	1.00	2.867	3.44	23.2	0.0	201.8
28.00		1.00	0.70	6.129	6.742	142.88	1.200	* 0.000	1.00	2.853	3.42	23.1	0.0	201.1
29.00		1.00	0.70	6.129	6.742	142.20	1.200	* 0.000	1.00	2.840	3.41	23.0	0.0	200.5
30.00		1.00	0.70	6.134	6.747	141.58	1.200	* 0.000	1.00	2.826	3.39	22.9	0.0	199.9
31.00		1.00	0.70	6.192	6.811	141.57	1.200	* 0.000	1.00	2.813	3.38	23.0	0.0	199.2
31.50	Bot - Section 2	1.00	0.71	6.220	6.842	141.55	1.200	* 0.000	0.50	1.411	1.69	11.6	0.0	100.0
32.00		1.00	0.71	6.248	6.873	141.52	1.200	* 0.000	0.50	1.415	1.70	11.7	0.0	154.3
33.00		1.00	0.72	6.303	6.933	141.46	1.200	* 0.000	1.00	2.840	3.41	23.6	0.0	309.7
34.00		1.00	0.72	6.357	6.993	141.37	1.200	* 0.000	1.00	2.826	3.39	23.7	0.0	308.5
35.00		1.00	0.73	6.410	7.051	141.27	1.200	* 0.000	1.00	2.812	3.37	23.8	0.0	307.4
35.67	Top - Section 1	1.00	0.73	6.445	7.089	141.18	1.200	* 0.000	0.67	1.877	2.25	16.0	0.0	205.3
36.00		1.00	0.73	6.462	7.108	143.92	1.200	* 0.000	0.33	0.922	1.11	7.9	0.0	58.3
37.00		1.00	0.74	6.513	7.164	143.79	1.200	* 0.000	1.00	2.785	3.34	23.9	0.0	176.5
38.00		1.00	0.75	6.562	7.219	143.63	1.200	* 0.000	1.00	2.772	3.33	24.0	0.0	175.9
39.00	Appertunance(s)	1.00	0.75	6.611	7.272	143.46	1.200	* 0.000	1.00	2.758	3.31	24.1	0.0	175.4
40.00		1.00	0.76	6.659	7.325	143.27	1.200	* 0.000	1.00	2.745	3.29	24.1	0.0	174.8
41.00		1.00	0.76	6.706	7.377	143.07	1.200	* 0.000	1.00	2.731	3.28	24.2	0.0	174.3
42.00		1.00	0.77	6.753	7.428	142.85	1.200	* 0.000	1.00	2.718	3.26	24.2	0.0	173.8
43.00		1.00	0.77	6.798	7.478	142.62	1.200	* 0.000	1.00	2.704	3.25	24.3	0.0	173.2
44.00		1.00	0.78	6.843	7.527	142.37	1.200	* 0.000	1.00	2.691	3.23	24.3	0.0	172.7
45.00		1.00	0.78	6.887	7.576	142.11	1.200	* 0.000	1.00	2.677	3.21	24.3	0.0	172.2
46.00		1.00	0.79	6.931	7.624	141.83	1.200	* 0.000	1.00	2.664	3.20	24.4	0.0	171.6
47.00		1.00	0.79	6.973	7.671	141.55	1.200	* 0.000	1.00	2.650	3.18	24.4	0.0	171.1
48.00		1.00	0.80	7.015	7.717	141.25	1.200	* 0.000	1.00	2.637	3.16	24.4	0.0	170.5

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



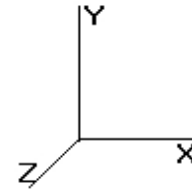
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	34 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00		1.00	0.80	7.057	7.763	140.93	1.200	* 0.000	1.00	2.623	3.15	24.4	0.0	170.0
50.00		1.00	0.81	7.098	7.807	140.61	1.200	* 0.000	1.00	2.610	3.13	24.4	0.0	169.5
51.00		1.00	0.81	7.138	7.852	140.28	1.200	* 0.000	1.00	2.596	3.12	24.5	0.0	168.9
52.00		1.00	0.82	7.178	7.895	139.93	1.200	* 0.000	1.00	2.583	3.10	24.5	0.0	168.4
53.00		1.00	0.82	7.217	7.939	139.58	1.200	* 0.000	1.00	2.569	3.08	24.5	0.0	167.9
54.00		1.00	0.82	7.255	7.981	139.21	1.200	* 0.000	1.00	2.556	3.07	24.5	0.0	167.3
55.00		1.00	0.83	7.294	8.023	138.84	1.200	* 0.000	1.00	2.542	3.05	24.5	0.0	166.8
56.00		1.00	0.83	7.331	8.064	138.45	1.200	* 0.000	1.00	2.529	3.03	24.5	0.0	166.2
57.00		1.00	0.84	7.368	8.105	138.06	1.200	* 0.000	1.00	2.515	3.02	24.5	0.0	165.7
58.00		1.00	0.84	7.405	8.146	137.66	1.200	* 0.000	1.00	2.502	3.00	24.5	0.0	165.2
59.00		1.00	0.85	7.441	8.186	137.25	1.200	* 0.000	1.00	2.488	2.99	24.4	0.0	164.6
60.00		1.00	0.85	7.477	8.225	136.83	1.200	* 0.000	1.00	2.474	2.97	24.4	0.0	164.1
61.00		1.00	0.85	7.513	8.264	136.40	1.200	* 0.000	1.00	2.461	2.95	24.4	0.0	163.6
62.00		1.00	0.86	7.548	8.302	135.96	1.200	* 0.000	1.00	2.447	2.94	24.4	0.0	163.0
63.00		1.00	0.86	7.582	8.340	135.52	1.200	* 0.000	1.00	2.434	2.92	24.4	0.0	162.5
64.00		1.00	0.87	7.616	8.378	135.07	1.200	* 0.000	1.00	2.420	2.90	24.3	0.0	161.9
65.00		1.00	0.87	7.650	8.415	134.61	1.200	* 0.000	1.00	2.407	2.89	24.3	0.0	161.4
66.00		1.00	0.87	7.684	8.452	134.14	1.200	* 0.000	1.00	2.393	2.87	24.3	0.0	160.9
67.00		1.00	0.88	7.717	8.488	133.67	1.200	* 0.000	1.00	2.380	2.86	24.2	0.0	160.3
68.00		1.00	0.88	7.749	8.524	133.19	1.200	* 0.000	1.00	2.366	2.84	24.2	0.0	159.8
69.00		1.00	0.88	7.782	8.560	132.70	1.200	* 0.000	1.00	2.353	2.82	24.2	0.0	159.3
70.00		1.00	0.89	7.814	8.595	132.21	1.200	* 0.000	1.00	2.339	2.81	24.1	0.0	158.7
70.00	Bot - Section 3	1.00	0.89	7.814	8.595	132.21	1.200	* 0.000	0.00	0.008	0.01	0.1	0.0	0.5
71.00		1.00	0.89	7.846	8.630	131.71	1.200	* 0.000	1.00	2.361	2.83	24.5	0.0	231.9
72.00		1.00	0.90	7.877	8.665	131.20	1.200	* 0.000	1.00	2.355	2.83	24.5	0.0	231.7
73.00		1.00	0.90	7.908	8.699	130.69	1.200	* 0.000	1.00	2.342	2.81	24.4	0.0	230.8
73.50	Top - Section 2	1.00	0.90	7.924	8.716	130.43	1.200	* 0.000	0.50	1.174	1.41	12.3	0.0	115.8
74.00		1.00	0.90	7.939	8.733	132.64	1.200	* 0.000	0.50	1.155	1.39	12.1	0.0	69.5
75.00		1.00	0.91	7.969	8.766	132.12	1.200	* 0.000	1.00	2.315	2.78	24.4	0.0	139.6
76.00		1.00	0.91	8.000	8.800	131.59	1.200	* 0.000	1.00	2.301	2.76	24.3	0.0	139.2
77.00		1.00	0.91	8.030	8.833	131.06	1.200	* 0.000	1.00	2.288	2.75	24.2	0.0	138.8
78.00		1.00	0.92	8.059	8.865	130.53	1.200	* 0.000	1.00	2.274	2.73	24.2	0.0	138.3
79.00		1.00	0.92	8.089	8.897	129.98	1.200	* 0.000	1.00	2.261	2.71	24.1	0.0	137.9
80.00		1.00	0.92	8.118	8.930	129.44	1.200	* 0.000	1.00	2.247	2.70	24.1	0.0	137.5
81.00		1.00	0.93	8.147	8.961	128.88	1.200	* 0.000	1.00	2.234	2.68	24.0	0.0	137.0
82.00		1.00	0.93	8.175	8.993	128.33	1.200	* 0.000	1.00	2.220	2.66	24.0	0.0	136.6
83.00		1.00	0.93	8.204	9.024	127.76	1.200	* 0.000	1.00	2.207	2.65	23.9	0.0	136.2
84.00		1.00	0.94	8.232	9.055	127.20	1.200	* 0.000	1.00	2.193	2.63	23.8	0.0	135.7
85.00		1.00	0.94	8.260	9.086	126.62	1.200	* 0.000	1.00	2.180	2.62	23.8	0.0	135.3
86.00		1.00	0.94	8.287	9.116	126.05	1.200	* 0.000	1.00	2.166	2.60	23.7	0.0	134.9
86.94	Reinf. Top	1.00	0.94	8.313	9.144	125.50	1.200	* 0.000	0.94	2.024	2.43	22.2	0.0	126.4
87.00		1.00	0.95	8.315	9.146	125.46	1.200	* 0.000	0.06	0.129	0.15	1.4	0.0	4.0
88.00		1.00	0.95	8.342	9.176	124.88	1.200	* 0.000	1.00	2.139	2.57	23.6	0.0	67.2
89.00		1.00	0.95	8.369	9.206	124.29	1.200	* 0.000	1.00	2.126	2.55	23.5	0.0	66.8
90.00		1.00	0.95	8.396	9.235	123.69	1.200	* 0.000	1.00	2.112	2.53	23.4	0.0	66.4
91.00		1.00	0.96	8.422	9.264	123.09	1.200	* 0.000	1.00	2.099	2.52	23.3	0.0	65.9
92.00		1.00	0.96	8.448	9.293	122.49	1.200	* 0.000	1.00	2.085	2.50	23.3	0.0	65.5
93.00		1.00	0.96	8.475	9.322	121.88	1.200	* 0.000	1.00	2.071	2.49	23.2	0.0	65.1
94.00		1.00	0.97	8.501	9.351	121.26	1.200	* 0.000	1.00	2.058	2.47	23.1	0.0	64.7
95.00		1.00	0.97	8.526	9.379	120.65	1.000	0.000	1.00	2.044	2.04	19.2	0.0	64.2
96.00		1.00	0.97	8.552	9.407	120.03	1.000	0.000	1.00	2.031	2.03	19.1	0.0	63.8
97.00		1.00	0.98	8.577	9.435	119.40	1.000	0.000	1.00	2.017	2.02	19.0	0.0	63.4
98.00		1.00	0.98	8.602	9.463	118.77	1.000	0.000	1.00	2.004	2.00	19.0	0.0	62.9
99.00		1.00	0.98	8.627	9.490	118.14	1.000	0.000	1.00	1.990	1.99	18.9	0.0	62.5
100.0		1.00	0.98	8.652	9.517	117.50	1.000	0.000	1.00	1.977	1.98	18.8	0.0	62.1
101.0		1.00	0.99	8.677	9.544	116.86	1.000	0.000	1.00	1.963	1.96	18.7	0.0	61.7
102.0		1.00	0.99	8.701	9.571	116.22	1.000	0.000	1.00	1.950	1.95	18.7	0.0	61.2

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	34 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

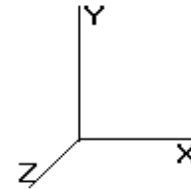
103.0		1.00	0.99	8.726	9.598	115.57	1.000	0.000	1.00	1.936	1.94	18.6	0.0	60.8
104.0		1.00	0.99	8.750	9.625	114.92	1.000	0.000	1.00	1.923	1.92	18.5	0.0	60.4
105.0		1.00	1.00	8.774	9.651	114.26	1.000	0.000	1.00	1.909	1.91	18.4	0.0	59.9
106.0		1.00	1.00	8.797	9.677	113.61	1.000	0.000	1.00	1.896	1.90	18.3	0.0	59.5
107.0		1.00	1.00	8.821	9.703	112.94	1.000	0.000	1.00	1.882	1.88	18.3	0.0	59.1
108.0		1.00	1.01	8.845	9.729	112.28	1.000	0.000	1.00	1.869	1.87	18.2	0.0	58.6
109.0		1.00	1.01	8.868	9.755	111.61	1.000	0.000	1.00	1.855	1.86	18.1	0.0	58.2
110.0		1.00	1.01	8.891	9.780	110.94	1.000	0.000	1.00	1.842	1.84	18.0	0.0	57.8
110.0	Top - Section 3	1.00	1.01	8.891	9.780	110.94	1.000	0.000	0.00	0.006	0.01	0.1	0.0	0.2
111.0		1.00	1.01	8.914	9.805	110.26	1.000	0.000	1.00	1.822	1.82	17.9	0.0	43.1
112.0		1.00	1.02	8.937	9.831	109.59	1.000	0.000	1.00	1.815	1.81	17.8	0.0	42.9
113.0		1.00	1.02	8.960	9.856	108.90	1.000	0.000	1.00	1.801	1.80	17.8	0.0	42.6
114.0		1.00	1.02	8.982	9.880	108.22	1.000	0.000	1.00	1.788	1.79	17.7	0.0	42.3
115.0		1.00	1.02	9.005	9.905	107.53	1.000	0.000	1.00	1.774	1.77	17.6	0.0	42.0
116.0		1.00	1.03	9.027	9.930	106.84	1.000	0.000	1.00	1.761	1.76	17.5	0.0	41.6
117.0		1.00	1.03	9.049	9.954	106.15	1.000	0.000	1.00	1.747	1.75	17.4	0.0	41.3
118.0		1.00	1.03	9.071	9.978	105.45	1.000	0.000	1.00	1.733	1.73	17.3	0.0	41.0
119.0	Appertunance(s)	1.00	1.03	9.093	10.00	104.75	1.000	0.000	1.00	1.720	1.72	17.2	0.0	40.7
120.0		1.00	1.04	9.115	10.02	104.05	1.000	0.000	1.00	1.706	1.71	17.1	0.0	40.4
121.0		1.00	1.04	9.136	10.05	103.34	1.000	0.000	1.00	1.693	1.69	17.0	0.0	40.0
122.0		1.00	1.04	9.158	10.07	102.64	1.000	0.000	1.00	1.679	1.68	16.9	0.0	39.7
123.0		1.00	1.04	9.179	10.09	101.93	1.000	0.000	1.00	1.666	1.67	16.8	0.0	39.4
124.0		1.00	1.05	9.201	10.12	101.21	1.000	0.000	1.00	1.652	1.65	16.7	0.0	39.1
125.0		1.00	1.05	9.222	10.14	100.50	1.000	0.000	1.00	1.639	1.64	16.6	0.0	38.7
126.0		1.00	1.05	9.243	10.16	99.781	1.000	0.000	1.00	1.625	1.63	16.5	0.0	38.4
127.0		1.00	1.05	9.264	10.19	99.060	1.000	0.000	1.00	1.612	1.61	16.4	0.0	38.1
128.0	Appertunance(s)	1.00	1.06	9.284	10.21	98.335	1.000	0.000	1.00	1.598	1.60	16.3	0.0	37.8
129.0		1.00	1.06	9.305	10.23	97.608	1.000	0.000	1.00	1.585	1.58	16.2	0.0	37.5
130.0		1.00	1.06	9.326	10.25	96.879	1.000	0.000	1.00	1.571	1.57	16.1	0.0	37.1
131.0		1.00	1.06	9.346	10.28	96.147	1.000	0.000	1.00	1.558	1.56	16.0	0.0	36.8
132.0		1.00	1.07	9.366	10.30	95.413	1.000	0.000	1.00	1.544	1.54	15.9	0.0	36.5
133.0		1.00	1.07	9.387	10.32	94.676	1.000	0.000	1.00	1.531	1.53	15.8	0.0	36.2
134.0		1.00	1.07	9.407	10.34	93.936	1.000	0.000	1.00	1.517	1.52	15.7	0.0	35.8
135.0		1.00	1.07	9.427	10.36	93.194	1.000	0.000	1.00	1.504	1.50	15.6	0.0	35.5
136.0		1.00	1.07	9.447	10.39	92.450	1.000	0.000	1.00	1.490	1.49	15.5	0.0	35.2
137.0		1.00	1.08	9.466	10.41	91.703	1.000	0.000	1.00	1.477	1.48	15.4	0.0	34.9
138.0		1.00	1.08	9.486	10.43	90.954	1.000	0.000	1.00	1.463	1.46	15.3	0.0	34.5
139.0		1.00	1.08	9.506	10.45	90.203	1.000	0.000	1.00	1.450	1.45	15.2	0.0	34.2
140.0		1.00	1.08	9.525	10.47	89.449	1.000	0.000	1.00	1.436	1.44	15.0	0.0	33.9
141.0		1.00	1.09	9.545	10.49	88.693	1.000	0.000	1.00	1.423	1.42	14.9	0.0	33.6
142.0		1.00	1.09	9.564	10.52	87.935	1.000	0.000	1.00	1.409	1.41	14.8	0.0	33.3
143.0		1.00	1.09	9.583	10.54	87.175	1.000	0.000	1.00	1.395	1.40	14.7	0.0	32.9
144.0		1.00	1.09	9.602	10.56	86.412	1.000	0.000	1.00	1.382	1.38	14.6	0.0	32.6
145.0		1.00	1.09	9.621	10.58	85.647	1.000	0.000	1.00	1.368	1.37	14.5	0.0	32.3
146.0		1.00	1.10	9.640	10.60	84.880	1.000	0.000	1.00	1.355	1.35	14.4	0.0	32.0
147.0		1.00	1.10	9.659	10.62	84.111	1.000	0.000	1.00	1.341	1.34	14.3	0.0	31.6
147.9	Appertunance(s)	1.00	1.10	9.677	10.64	83.347	1.000	0.000	0.99	1.315	1.31	14.0	0.0	31.0
148.0	Appertunance(s)	1.00	1.10	9.678	10.64	83.339	1.000	0.000	0.01	0.013	0.01	0.1	0.0	0.3
149.0		1.00	1.10	9.696	10.66	82.566	1.000	0.000	1.00	1.314	1.31	14.0	0.0	31.0
150.0		1.00	1.11	9.715	10.68	81.790	1.000	0.000	1.00	1.301	1.30	13.9	0.0	30.7

* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 3,178.9 0.0 19,190.5

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

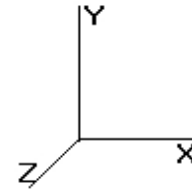
Wind Load Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
39.00	Stand-off	1	6.611	7.272	1.00	1.00	5.20	0.000	0.000	37.82	0.00	0.00	150.00
39.00	GPS	1	6.611	7.272	1.00	1.00	1.00	0.000	0.000	7.27	0.00	0.00	10.00
119.0	Antel BXA-80063/4CF	3	9.093	10.002	0.65	0.80	7.35	0.000	0.000	73.49	0.00	0.00	29.70
119.0	Round T-Arm	3	9.093	10.002	0.67	0.75	14.62	0.000	0.000	146.26	0.00	0.00	750.00
119.0	RFS FD9R6004/1C-3L	6	9.093	10.002	0.50	0.80	0.89	0.000	0.000	8.88	0.00	0.00	18.60
119.0	PCS1900 Dual Duplex	6	9.093	10.002	0.50	0.80	2.18	0.000	0.000	21.85	0.00	0.00	120.00
119.0	Alcatel-Lucent RRH2x	3	9.093	10.002	0.50	0.80	2.59	0.000	0.000	25.93	0.00	0.00	132.00
119.0	Antel BXA-171063-8BF	3	9.093	10.002	0.71	0.80	5.01	0.000	0.000	50.11	0.00	0.00	31.50
119.0	Antel BXA-171085-8CF	3	9.093	10.002	0.71	0.80	5.01	0.000	0.000	50.11	0.00	0.00	31.50
119.0	RFS DB-T1-6Z-8AB-0Z	1	9.093	10.002	0.50	0.80	1.92	0.000	0.000	19.20	0.00	0.00	44.00
119.0	Antel BXA-70063/6CF	3	9.093	10.002	0.65	0.80	11.81	0.000	0.000	118.12	0.00	0.00	51.00
119.0	GPS	1	9.093	10.002	1.00	0.80	0.80	0.000	0.000	8.00	0.00	0.00	10.00
128.0	Flat Light Sector Fr	3	9.284	10.213	0.67	0.75	26.98	0.000	0.000	275.59	0.00	0.00	1,200.00
128.0	Ericsson AIR 21, 1.3	3	9.326	10.258	0.70	0.80	10.15	0.000	2.000	104.09	0.00	208.18	274.50
128.0	Ericsson AIR 21, 1.3	3	9.326	10.258	0.70	0.80	10.21	0.000	2.000	104.78	0.00	209.56	271.20
147.9	7' Omni	1	9.770	10.747	1.00	0.75	1.57	0.000	5.000	16.93	0.00	84.63	25.00
147.9	15' Omni	1	9.842	10.826	1.00	0.75	3.38	0.000	9.000	36.54	0.00	328.85	40.00
147.9	8' Dipole	1	9.788	10.767	1.00	0.75	2.26	0.000	6.000	24.31	0.00	145.84	25.00
148.0	Ericsson RRUS 11 (Ba	6	9.770	10.747	0.50	0.75	5.67	0.000	5.000	60.94	0.00	304.68	330.00
148.0	Powerwave LGP13519	6	9.770	10.747	0.50	0.75	0.76	0.000	5.000	8.22	0.00	41.11	31.80
148.0	Allgon 7770.00	6	9.770	10.747	0.65	0.75	16.12	0.000	5.000	173.21	0.00	866.03	210.00
148.0	Platform w/ Handrail	1	9.678	10.645	1.00	1.00	40.70	0.000	0.000	433.27	0.00	0.00	2,350.00
148.0	TMA-DD1900	6	9.770	10.747	0.50	0.75	1.33	0.000	5.000	14.27	0.00	71.33	62.40
148.0	Raycap DC6-48-60-18-	1	9.770	10.747	1.00	0.75	0.96	0.000	5.000	10.32	0.00	51.59	31.80
148.0	KMW AM-X-CD-16-65-	3	9.770	10.747	0.67	0.75	12.09	0.000	5.000	129.93	0.00	649.66	145.50
										1,959.42			6,375.50

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

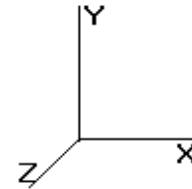
Wind Load Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.194	1.283	0.00	0.00
2.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.195	1.285	0.00	0.00
3.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.196	1.288	0.00	0.00
4.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.197	1.290	0.00	0.00
5.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.198	1.293	0.00	0.00
6.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.198	1.295	0.00	0.00
7.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.199	1.298	0.00	0.00
8.00	(4) #20 Reinforcement	Yes	1.00	0.000	7.50	0.63	0.00	6.129	0.200	1.300	0.00	0.00
9.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.201	0.000	5.06	0.00
10.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.202	0.000	5.06	0.00
11.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.203	0.000	5.06	0.00
12.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.204	0.000	5.06	0.00
13.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.205	0.000	5.06	0.00
14.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.205	0.000	5.06	0.00
15.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.206	0.000	5.06	0.00
16.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.207	0.000	5.06	0.00
17.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.208	0.000	5.06	0.00
18.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.209	0.000	5.06	0.00
19.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.210	0.000	5.06	0.00
20.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.211	0.000	5.06	0.00
21.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.212	0.000	5.06	0.00
22.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.213	0.000	5.06	0.00
23.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.214	0.000	5.06	0.00
24.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.215	0.000	5.06	0.00
25.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.216	0.000	5.06	0.00
26.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.217	0.000	5.06	0.00
27.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.218	0.000	5.06	0.00
28.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.219	0.000	5.06	0.00
29.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.129	0.220	0.000	5.06	0.00
30.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.134	0.221	0.000	5.06	0.00
31.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.192	0.222	0.000	5.11	0.00
31.50	(4) #20 Reinforcement	Yes	0.50	1.200	7.50	0.31	0.38	6.220	0.223	0.000	2.58	0.00
32.00	(4) #20 Reinforcement	Yes	0.50	1.200	7.50	0.31	0.37	6.248	0.224	0.000	2.56	0.00
33.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.303	0.224	0.000	5.20	0.00
34.00	(4) #20 Reinforcement	Yes	1.00	1.200	7.50	0.63	0.75	6.357	0.286	0.000	5.24	0.00
34.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.357	0.286	0.000	2.33	0.00
35.00	(4) #20 Reinforcement	Yes	1.00	1.197	7.50	0.63	0.75	6.410	0.287	0.000	5.27	0.00
35.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.410	0.287	0.000	2.35	0.00
35.67	(4) #20 Reinforcement	Yes	0.67	1.194	7.50	0.42	0.50	6.445	0.288	0.000	3.54	0.00
35.67	(4) Plate Reinforcement	Yes	0.67	2.000	2.00	0.11	0.22	6.445	0.288	0.000	1.58	0.00
36.00	(4) #20 Reinforcement	Yes	0.33	1.192	7.50	0.21	0.25	6.462	0.283	0.000	1.75	0.00
36.00	(4) Plate Reinforcement	Yes	0.33	2.000	2.00	0.06	0.11	6.462	0.283	0.000	0.78	0.00
37.00	(4) #20 Reinforcement	Yes	1.00	1.187	7.50	0.63	0.74	6.513	0.284	0.000	5.32	0.00
37.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.513	0.284	0.000	2.39	0.00
38.00	(4) #20 Reinforcement	Yes	1.00	1.183	7.50	0.63	0.74	6.562	0.286	0.000	5.34	0.00
38.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.562	0.286	0.000	2.41	0.00
39.00	(4) #20 Reinforcement	Yes	1.00	1.178	7.50	0.63	0.74	6.611	0.287	0.000	5.36	0.00
39.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.611	0.287	0.000	2.42	0.00
40.00	(4) #20 Reinforcement	Yes	1.00	1.174	7.50	0.63	0.73	6.659	0.288	0.000	5.38	0.00
40.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.659	0.288	0.000	2.44	0.00
41.00	(4) #20 Reinforcement	Yes	1.00	1.170	7.50	0.63	0.73	6.706	0.290	0.000	5.39	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

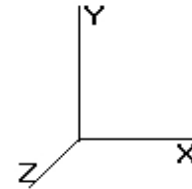


Load Case: 1.0D + 1.0W	60.00 mph Serviceability	34 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

41.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.706	0.290	0.000	2.46	0.00
42.00	(4) #20 Reinforcement	Yes	1.00	1.166	7.50	0.63	0.73	6.753	0.291	0.000	5.41	0.00
42.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.753	0.291	0.000	2.48	0.00
43.00	(4) #20 Reinforcement	Yes	1.00	1.162	7.50	0.63	0.73	6.798	0.293	0.000	5.43	0.00
43.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.798	0.293	0.000	2.49	0.00
44.00	(4) #20 Reinforcement	Yes	1.00	1.158	7.50	0.63	0.72	6.843	0.294	0.000	5.45	0.00
44.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.843	0.294	0.000	2.51	0.00
45.00	(4) #20 Reinforcement	Yes	1.00	1.155	7.50	0.63	0.72	6.887	0.296	0.000	5.47	0.00
45.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.887	0.296	0.000	2.53	0.00
46.00	(4) #20 Reinforcement	Yes	1.00	1.151	7.50	0.63	0.72	6.931	0.297	0.000	5.48	0.00
46.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.931	0.297	0.000	2.54	0.00
47.00	(4) #20 Reinforcement	Yes	1.00	1.147	7.50	0.63	0.72	6.973	0.299	0.000	5.50	0.00
47.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	6.973	0.299	0.000	2.56	0.00
48.00	(4) #20 Reinforcement	Yes	1.00	1.144	7.50	0.63	0.71	7.015	0.300	0.000	5.52	0.00
48.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.015	0.300	0.000	2.57	0.00
49.00	(4) #20 Reinforcement	Yes	1.00	1.141	7.50	0.63	0.71	7.057	0.302	0.000	5.53	0.00
49.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.057	0.302	0.000	2.59	0.00
50.00	(4) #20 Reinforcement	Yes	1.00	1.137	7.50	0.63	0.71	7.098	0.303	0.000	5.55	0.00
50.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.098	0.303	0.000	2.60	0.00
51.00	(4) #20 Reinforcement	Yes	1.00	1.134	7.50	0.63	0.71	7.138	0.305	0.000	5.57	0.00
51.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.138	0.305	0.000	2.62	0.00
52.00	(4) #20 Reinforcement	Yes	1.00	1.131	7.50	0.63	0.71	7.178	0.307	0.000	5.58	0.00
52.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.178	0.307	0.000	2.63	0.00
53.00	(4) #20 Reinforcement	Yes	1.00	1.128	7.50	0.63	0.70	7.217	0.308	0.000	5.60	0.00
53.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.217	0.308	0.000	2.65	0.00
54.00	(4) #20 Reinforcement	Yes	1.00	1.125	7.50	0.63	0.70	7.255	0.310	0.000	5.61	0.00
54.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.255	0.310	0.000	2.66	0.00
55.00	(4) #20 Reinforcement	Yes	1.00	1.122	7.50	0.63	0.70	7.294	0.311	0.000	5.63	0.00
55.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.294	0.311	0.000	2.67	0.00
56.00	(4) #20 Reinforcement	Yes	1.00	1.119	7.50	0.63	0.70	7.331	0.313	0.000	5.64	0.00
56.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.331	0.313	0.000	2.69	0.00
57.00	(4) #20 Reinforcement	Yes	1.00	1.116	7.50	0.63	0.70	7.368	0.315	0.000	5.65	0.00
57.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.368	0.315	0.000	2.70	0.00
58.00	(4) #20 Reinforcement	Yes	1.00	1.113	7.50	0.63	0.70	7.405	0.316	0.000	5.67	0.00
58.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.405	0.316	0.000	2.72	0.00
59.00	(4) #20 Reinforcement	Yes	1.00	1.111	7.50	0.63	0.69	7.441	0.318	0.000	5.68	0.00
59.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.441	0.318	0.000	2.73	0.00
60.00	(4) #20 Reinforcement	Yes	1.00	1.108	7.50	0.63	0.69	7.477	0.320	0.000	5.70	0.00
60.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.477	0.320	0.000	2.74	0.00
61.00	(4) #20 Reinforcement	Yes	1.00	1.105	7.50	0.63	0.69	7.513	0.322	0.000	5.71	0.00
61.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.513	0.322	0.000	2.75	0.00
62.00	(4) #20 Reinforcement	Yes	1.00	1.103	7.50	0.63	0.69	7.548	0.323	0.000	5.72	0.00
62.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.548	0.323	0.000	2.77	0.00
63.00	(4) #20 Reinforcement	Yes	1.00	1.100	7.50	0.63	0.69	7.582	0.325	0.000	5.74	0.00
63.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.582	0.325	0.000	2.78	0.00
64.00	(4) #20 Reinforcement	Yes	1.00	1.098	7.50	0.63	0.69	7.616	0.327	0.000	5.75	0.00
64.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.616	0.327	0.000	2.79	0.00
65.00	(4) #20 Reinforcement	Yes	1.00	1.095	7.50	0.63	0.68	7.650	0.329	0.000	5.76	0.00
65.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.650	0.329	0.000	2.81	0.00
66.00	(4) #20 Reinforcement	Yes	1.00	1.093	7.50	0.63	0.68	7.684	0.331	0.000	5.77	0.00
66.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.684	0.331	0.000	2.82	0.00
67.00	(4) #20 Reinforcement	Yes	1.00	1.091	7.50	0.63	0.68	7.717	0.333	0.000	5.79	0.00
67.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.717	0.333	0.000	2.83	0.00
68.00	(4) #20 Reinforcement	Yes	1.00	1.088	7.50	0.63	0.68	7.749	0.335	0.000	5.80	0.00
68.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.749	0.335	0.000	2.84	0.00
69.00	(4) #20 Reinforcement	Yes	1.00	1.086	7.50	0.63	0.68	7.782	0.336	0.000	5.81	0.00
69.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.782	0.336	0.000	2.85	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

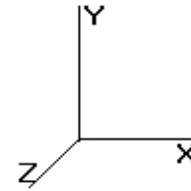
Wind Load Factor : 1.00

70.00	(4) #20 Reinforcement	Yes	1.00	1.084	7.50	0.63	0.68	7.814	0.338	0.000	5.82	0.00
70.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.814	0.338	0.000	2.87	0.00
70.00	(4) #20 Reinforcement	Yes	0.00	1.084	7.50	0.00	0.00	7.814	0.339	0.000	0.02	0.00
70.00	(4) Plate Reinforcement	Yes	0.00	2.000	2.00	0.00	0.00	7.814	0.339	0.000	0.01	0.00
71.00	(4) #20 Reinforcement	Yes	1.00	1.082	7.50	0.62	0.67	7.846	0.340	0.000	5.82	0.00
71.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.846	0.340	0.000	2.87	0.00
72.00	(4) #20 Reinforcement	Yes	1.00	1.080	7.50	0.63	0.67	7.877	0.342	0.000	5.85	0.00
72.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.877	0.342	0.000	2.89	0.00
73.00	(4) #20 Reinforcement	Yes	1.00	1.077	7.50	0.63	0.67	7.908	0.344	0.000	5.86	0.00
73.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.908	0.344	0.000	2.90	0.00
73.50	(4) #20 Reinforcement	Yes	0.50	1.076	7.50	0.31	0.34	7.924	0.346	0.000	2.95	0.00
73.50	(4) Plate Reinforcement	Yes	0.50	2.000	2.00	0.08	0.17	7.924	0.346	0.000	1.46	0.00
74.00	(4) #20 Reinforcement	Yes	0.50	1.075	7.50	0.31	0.33	7.939	0.341	0.000	2.92	0.00
74.00	(4) Plate Reinforcement	Yes	0.50	2.000	2.00	0.08	0.17	7.939	0.341	0.000	1.45	0.00
75.00	(4) #20 Reinforcement	Yes	1.00	1.073	7.50	0.63	0.67	7.969	0.342	0.000	5.88	0.00
75.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	7.969	0.342	0.000	2.92	0.00
76.00	(4) #20 Reinforcement	Yes	1.00	1.071	7.50	0.63	0.67	8.000	0.344	0.000	5.89	0.00
76.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	8.000	0.344	0.000	2.93	0.00
77.00	(4) #20 Reinforcement	Yes	1.00	1.069	7.50	0.63	0.67	8.030	0.346	0.000	5.90	0.00
77.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	8.030	0.346	0.000	2.94	0.00
78.00	(4) #20 Reinforcement	Yes	1.00	1.067	7.50	0.63	0.67	8.059	0.348	0.000	5.91	0.00
78.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	8.059	0.348	0.000	2.96	0.00
79.00	(4) #20 Reinforcement	Yes	1.00	1.065	7.50	0.63	0.67	8.089	0.350	0.000	5.92	0.00
79.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	8.089	0.350	0.000	2.97	0.00
80.00	(4) #20 Reinforcement	Yes	1.00	1.063	7.50	0.63	0.66	8.118	0.352	0.000	5.94	0.00
80.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	8.118	0.352	0.000	2.98	0.00
81.00	(4) #20 Reinforcement	Yes	1.00	1.062	7.50	0.63	0.66	8.147	0.354	0.000	5.95	0.00
81.00	(4) Plate Reinforcement	Yes	1.00	2.000	2.00	0.17	0.33	8.147	0.354	0.000	2.99	0.00
82.00	(4) #20 Reinforcement	Yes	1.00	1.060	7.50	0.63	0.66	8.175	0.282	0.000	5.96	0.00
83.00	(4) #20 Reinforcement	Yes	1.00	1.058	7.50	0.63	0.66	8.204	0.283	0.000	5.97	0.00
84.00	(4) #20 Reinforcement	Yes	1.00	1.056	7.50	0.63	0.66	8.232	0.285	0.000	5.98	0.00
85.00	(4) #20 Reinforcement	Yes	1.00	1.054	7.50	0.63	0.66	8.260	0.287	0.000	5.99	0.00
86.00	(4) #20 Reinforcement	Yes	1.00	1.053	7.50	0.63	0.66	8.287	0.289	0.000	6.00	0.00
86.94	(4) #20 Reinforcement	Yes	0.94	1.051	7.50	0.59	0.62	8.313	0.290	0.000	5.65	0.00
87.00	(4) #20 Reinforcement	Yes	0.06	1.051	7.50	0.04	0.04	8.315	0.291	0.000	0.36	0.00
88.00	(4) #20 Reinforcement	Yes	1.00	1.049	7.50	0.63	0.66	8.342	0.292	0.000	6.02	0.00
89.00	(4) #20 Reinforcement	Yes	1.00	1.047	7.50	0.63	0.65	8.369	0.294	0.000	6.03	0.00
90.00	(4) #20 Reinforcement	Yes	1.00	1.046	7.50	0.63	0.65	8.396	0.296	0.000	6.04	0.00
91.00	(4) #20 Reinforcement	Yes	1.00	1.044	7.50	0.63	0.65	8.422	0.298	0.000	6.05	0.00
92.00	(4) #20 Reinforcement	Yes	1.00	1.042	7.50	0.63	0.65	8.448	0.300	0.000	6.05	0.00
93.00	(4) #20 Reinforcement	Yes	1.00	1.041	7.50	0.63	0.65	8.475	0.302	0.000	6.06	0.00
94.00	(4) #20 Reinforcement	Yes	1.00	1.039	7.50	0.63	0.65	8.501	0.304	0.000	6.07	0.00
Totals:											604.82	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

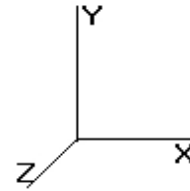
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	21.70	257.98	0.00	0.00
2.00	21.60	257.34	0.00	0.00
3.00	21.51	256.70	0.00	0.00
4.00	21.42	256.05	0.00	0.00
5.00	21.33	255.41	0.00	0.00
6.00	21.24	254.76	0.00	0.00
7.00	21.15	254.12	0.00	0.00
8.00	21.06	253.48	0.00	0.00
9.00	30.22	252.83	0.00	0.00
10.00	30.11	252.19	0.00	0.00
11.00	30.00	251.54	0.00	0.00
12.00	29.89	250.90	0.00	0.00
13.00	29.78	250.26	0.00	0.00
14.00	29.67	249.61	0.00	0.00
15.00	29.56	248.97	0.00	0.00
16.00	29.45	248.32	0.00	0.00
17.00	29.34	247.68	0.00	0.00
18.00	29.23	247.04	0.00	0.00
19.00	29.12	246.39	0.00	0.00
20.00	29.01	245.75	0.00	0.00
21.00	28.90	245.11	0.00	0.00
22.00	28.79	244.46	0.00	0.00
23.00	28.68	243.82	0.00	0.00
24.00	28.57	243.17	0.00	0.00
25.00	28.47	242.53	0.00	0.00
26.00	28.36	241.89	0.00	0.00
27.00	28.25	241.24	0.00	0.00
28.00	28.14	240.60	0.00	0.00
29.00	28.03	239.95	0.00	0.00
30.00	27.94	239.31	0.00	0.00
31.00	28.09	238.67	0.00	0.00
31.50	14.16	119.89	0.00	0.00
32.00	14.23	173.87	0.00	0.00
33.00	28.83	349.18	0.00	0.00
34.00	31.29	348.00	0.00	0.00
35.00	31.42	346.82	0.00	0.00
35.67	21.09	231.71	0.00	0.00
36.00	10.39	71.37	0.00	0.00
37.00	31.65	215.91	0.00	0.00
38.00	31.75	215.37	0.00	0.00
39.00	76.94	374.83	0.00	0.00
40.00	31.95	214.15	0.00	0.00
41.00	32.03	213.61	0.00	0.00
42.00	32.11	213.07	0.00	0.00
43.00	32.19	212.54	0.00	0.00
44.00	32.26	212.00	0.00	0.00
45.00	32.33	211.46	0.00	0.00
46.00	32.39	210.92	0.00	0.00
47.00	32.45	210.39	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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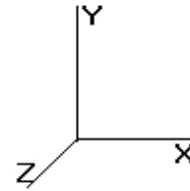
Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

48.00	32.51	209.85	0.00	0.00
49.00	32.56	209.31	0.00	0.00
50.00	32.60	208.77	0.00	0.00
51.00	32.64	208.24	0.00	0.00
52.00	32.68	207.70	0.00	0.00
53.00	32.72	207.16	0.00	0.00
54.00	32.75	206.62	0.00	0.00
55.00	32.77	206.09	0.00	0.00
56.00	32.80	205.55	0.00	0.00
57.00	32.82	205.01	0.00	0.00
58.00	32.84	204.47	0.00	0.00
59.00	32.85	203.94	0.00	0.00
60.00	32.86	203.40	0.00	0.00
61.00	32.87	202.86	0.00	0.00
62.00	32.87	202.32	0.00	0.00
63.00	32.88	201.79	0.00	0.00
64.00	32.88	201.25	0.00	0.00
65.00	32.87	200.71	0.00	0.00
66.00	32.87	200.17	0.00	0.00
67.00	32.86	199.64	0.00	0.00
68.00	32.85	199.10	0.00	0.00
69.00	32.83	198.56	0.00	0.00
70.00	32.82	198.02	0.00	0.00
70.00	0.11	0.66	0.00	0.00
71.00	33.13	271.11	0.00	0.00
72.00	33.23	271.05	0.00	0.00
73.00	33.20	270.08	0.00	0.00
73.50	16.69	135.58	0.00	0.00
74.00	16.46	89.02	0.00	0.00
75.00	33.15	178.92	0.00	0.00
76.00	33.13	178.49	0.00	0.00
77.00	33.10	178.06	0.00	0.00
78.00	33.06	177.63	0.00	0.00
79.00	33.03	177.20	0.00	0.00
80.00	32.99	176.77	0.00	0.00
81.00	32.95	176.34	0.00	0.00
82.00	29.91	175.91	0.00	0.00
83.00	29.86	175.49	0.00	0.00
84.00	29.81	175.06	0.00	0.00
85.00	29.75	174.63	0.00	0.00
86.00	29.69	174.20	0.00	0.00
86.94	27.85	163.35	0.00	0.00
87.00	1.77	6.41	0.00	0.00
88.00	29.57	106.54	0.00	0.00
89.00	29.51	106.11	0.00	0.00
90.00	29.44	105.68	0.00	0.00
91.00	29.37	105.25	0.00	0.00
92.00	29.31	104.82	0.00	0.00
93.00	29.24	104.39	0.00	0.00
94.00	29.17	103.96	0.00	0.00
95.00	19.17	103.53	0.00	0.00
96.00	19.10	103.11	0.00	0.00
97.00	19.03	102.68	0.00	0.00
98.00	18.96	102.25	0.00	0.00
99.00	18.89	101.82	0.00	0.00
100.0	18.81	101.39	0.00	0.00
101.0	18.74	100.96	0.00	0.00

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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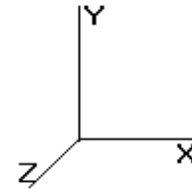
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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

102.0	18.66	100.53	0.00	0.00
103.0	18.58	100.10	0.00	0.00
104.0	18.51	99.67	0.00	0.00
105.0	18.43	99.24	0.00	0.00
106.0	18.35	98.81	0.00	0.00
107.0	18.26	98.38	0.00	0.00
108.0	18.18	97.95	0.00	0.00
109.0	18.10	97.53	0.00	0.00
110.0	18.01	97.10	0.00	0.00
110.0	0.06	0.32	0.00	0.00
111.0	17.87	82.29	0.00	0.00
112.0	17.84	82.25	0.00	0.00
113.0	17.75	81.92	0.00	0.00
114.0	17.66	81.60	0.00	0.00
115.0	17.57	81.28	0.00	0.00
116.0	17.48	80.96	0.00	0.00
117.0	17.39	80.63	0.00	0.00
118.0	17.30	80.31	0.00	0.00
119.0	539.16	1,298.29	0.00	0.00
120.0	17.11	68.53	0.00	0.00
121.0	17.01	68.20	0.00	0.00
122.0	16.92	67.88	0.00	0.00
123.0	16.82	67.56	0.00	0.00
124.0	16.72	67.23	0.00	0.00
125.0	16.62	66.91	0.00	0.00
126.0	16.52	66.59	0.00	0.00
127.0	16.42	66.27	0.00	0.00
128.0	500.78	1,811.64	0.00	417.75
129.0	16.22	59.40	0.00	0.00
130.0	16.12	59.08	0.00	0.00
131.0	16.01	58.75	0.00	0.00
132.0	15.91	58.43	0.00	0.00
133.0	15.80	58.11	0.00	0.00
134.0	15.70	57.79	0.00	0.00
135.0	15.59	57.46	0.00	0.00
136.0	15.48	57.14	0.00	0.00
137.0	15.38	56.82	0.00	0.00
138.0	15.27	56.49	0.00	0.00
139.0	15.16	56.17	0.00	0.00
140.0	15.05	55.85	0.00	0.00
141.0	14.94	55.53	0.00	0.00
142.0	14.82	55.20	0.00	0.00
143.0	14.71	54.88	0.00	0.00
144.0	14.60	54.56	0.00	0.00
145.0	14.48	54.24	0.00	0.00
146.0	14.37	53.91	0.00	0.00
147.0	14.25	53.59	0.00	0.00
147.9	91.77	142.74	0.00	559.32
148.0	830.29	3,162.00	0.00	1,984.40
149.0	14.02	31.00	0.00	0.00
150.0	13.90	30.67	0.00	0.00
Totals:	5,743.19	30,941.90	0.00	2,961.46

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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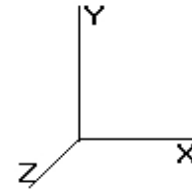
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	34 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-30.94	-5.74	0.00	-541.63	0.00	541.63	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.146
1.00	-30.68	-5.73	0.00	-535.88	0.00	535.88	3,148.69	1,574.34	4,778.83	2,360.09	0.00	-0.01	0.145
2.00	-30.42	-5.71	0.00	-530.15	0.00	530.15	3,140.17	1,570.08	4,745.43	2,343.59	0.01	-0.02	0.144
3.00	-30.17	-5.70	0.00	-524.44	0.00	524.44	3,131.60	1,565.80	4,712.07	2,327.11	0.01	-0.04	0.144
4.00	-29.91	-5.68	0.00	-518.74	0.00	518.74	3,123.00	1,561.50	4,678.76	2,310.67	0.02	-0.05	0.143
5.00	-29.65	-5.67	0.00	-513.06	0.00	513.06	3,114.35	1,557.18	4,645.51	2,294.24	0.03	-0.06	0.142
6.00	-29.40	-5.65	0.00	-507.39	0.00	507.39	3,105.67	1,552.83	4,612.30	2,277.84	0.05	-0.07	0.141
7.00	-29.14	-5.64	0.00	-501.73	0.00	501.73	3,096.94	1,548.47	4,579.15	2,261.47	0.06	-0.08	0.140
8.00	-28.89	-5.62	0.00	-496.10	0.00	496.10	3,088.17	1,544.08	4,546.05	2,245.12	0.08	-0.10	0.139
9.00	-28.63	-5.60	0.00	-490.47	0.00	490.47	3,079.35	1,539.68	4,513.00	2,228.80	0.10	-0.11	0.138
9.00	-28.63	-5.60	0.00	-490.47	0.00	490.47	3,079.35	1,539.68	4,513.00	2,228.80	0.10	-0.11	0.138
10.00	-28.38	-5.57	0.00	-484.88	0.00	484.88	3,070.50	1,535.25	4,480.00	2,212.51	0.13	-0.12	0.137
11.00	-28.13	-5.55	0.00	-479.31	0.00	479.31	3,061.60	1,530.80	4,447.07	2,196.24	0.15	-0.13	0.137
12.00	-27.87	-5.52	0.00	-473.76	0.00	473.76	3,052.67	1,526.33	4,414.18	2,180.00	0.18	-0.14	0.136
13.00	-27.62	-5.50	0.00	-468.23	0.00	468.23	3,043.69	1,521.84	4,381.36	2,163.79	0.21	-0.16	0.135
14.00	-27.37	-5.47	0.00	-462.74	0.00	462.74	3,034.67	1,517.33	4,348.59	2,147.60	0.25	-0.17	0.134
15.00	-27.12	-5.45	0.00	-457.26	0.00	457.26	3,025.61	1,512.80	4,315.88	2,131.45	0.28	-0.18	0.133
16.00	-26.87	-5.42	0.00	-451.81	0.00	451.81	3,016.50	1,508.25	4,283.23	2,115.32	0.32	-0.19	0.132
17.00	-26.62	-5.40	0.00	-446.39	0.00	446.39	3,007.36	1,503.68	4,250.63	2,099.23	0.36	-0.20	0.131
18.00	-26.38	-5.38	0.00	-440.99	0.00	440.99	2,998.17	1,499.09	4,218.10	2,083.16	0.41	-0.22	0.130
19.00	-26.13	-5.35	0.00	-435.61	0.00	435.61	2,988.94	1,494.47	4,185.63	2,067.13	0.45	-0.23	0.129
20.00	-25.88	-5.33	0.00	-430.26	0.00	430.26	2,979.67	1,489.84	4,153.23	2,051.12	0.50	-0.24	0.128
21.00	-25.64	-5.30	0.00	-424.94	0.00	424.94	2,970.36	1,485.18	4,120.88	2,035.15	0.56	-0.25	0.127
22.00	-25.39	-5.28	0.00	-419.64	0.00	419.64	2,961.01	1,480.51	4,088.60	2,019.21	0.61	-0.26	0.126
23.00	-25.15	-5.25	0.00	-414.36	0.00	414.36	2,951.62	1,475.81	4,056.39	2,003.30	0.67	-0.27	0.126
24.00	-24.90	-5.23	0.00	-409.11	0.00	409.11	2,942.18	1,471.09	4,024.24	1,987.42	0.72	-0.29	0.125
25.00	-24.66	-5.20	0.00	-403.88	0.00	403.88	2,932.70	1,466.35	3,992.16	1,971.58	0.79	-0.30	0.124
26.00	-24.42	-5.18	0.00	-398.68	0.00	398.68	2,923.18	1,461.59	3,960.14	1,955.77	0.85	-0.31	0.123
27.00	-24.17	-5.15	0.00	-393.50	0.00	393.50	2,913.62	1,456.81	3,928.19	1,939.99	0.92	-0.32	0.122
28.00	-23.93	-5.13	0.00	-388.34	0.00	388.34	2,903.09	1,451.54	3,895.07	1,923.63	0.98	-0.33	0.121
29.00	-23.69	-5.10	0.00	-383.22	0.00	383.22	2,889.14	1,444.57	3,857.52	1,905.08	1.06	-0.35	0.120
30.00	-23.45	-5.08	0.00	-378.11	0.00	378.11	2,875.19	1,437.60	3,820.15	1,886.63	1.13	-0.36	0.119
31.00	-23.21	-5.05	0.00	-373.03	0.00	373.03	2,861.25	1,430.62	3,782.97	1,868.27	1.21	-0.37	0.119
31.50	-23.09	-5.04	0.00	-370.49	0.00	370.49	2,854.23	1,427.11	3,764.32	1,859.06	1.24	-0.37	0.118
32.00	-22.92	-5.03	0.00	-367.98	0.00	367.98	2,847.30	1,423.65	3,745.97	1,849.99	1.28	-0.38	0.116
33.00	-22.57	-5.00	0.00	-362.96	0.00	362.96	2,833.35	1,416.68	3,709.14	1,831.81	1.37	-0.39	0.115
34.00	-22.22	-4.97	0.00	-357.95	0.00	357.95	2,819.40	1,409.70	3,672.50	1,813.71	1.45	-0.40	0.115
35.00	-21.87	-4.94	0.00	-352.98	0.00	352.98	2,805.46	1,402.73	3,636.05	1,795.71	1.53	-0.41	0.114
35.67	-21.64	-4.92	0.00	-349.67	0.00	349.67	2,253.05	1,126.52	2,980.43	1,471.92	1.59	-0.42	0.130
36.00	-21.57	-4.91	0.00	-348.04	0.00	348.04	2,250.82	1,125.41	2,972.64	1,468.08	1.62	-0.43	0.130
37.00	-21.35	-4.89	0.00	-343.13	0.00	343.13	2,244.05	1,122.03	2,949.07	1,456.43	1.71	-0.44	0.128
38.00	-21.13	-4.86	0.00	-338.24	0.00	338.24	2,237.24	1,118.62	2,925.53	1,444.81	1.81	-0.45	0.127
39.00	-20.76	-4.78	0.00	-333.39	0.00	333.39	2,230.38	1,115.19	2,902.02	1,433.20	1.90	-0.46	0.126
40.00	-20.54	-4.75	0.00	-328.61	0.00	328.61	2,223.49	1,111.74	2,878.55	1,421.61	2.00	-0.47	0.125
41.00	-20.33	-4.72	0.00	-323.85	0.00	323.85	2,216.55	1,108.27	2,855.12	1,410.04	2.10	-0.49	0.124
42.00	-20.12	-4.69	0.00	-319.13	0.00	319.13	2,209.57	1,104.78	2,831.72	1,398.48	2.20	-0.50	0.122
43.00	-19.90	-4.66	0.00	-314.44	0.00	314.44	2,202.55	1,101.27	2,808.37	1,386.95	2.31	-0.51	0.121
44.00	-19.69	-4.63	0.00	-309.78	0.00	309.78	2,195.48	1,097.74	2,785.05	1,375.43	2.42	-0.52	0.120
45.00	-19.48	-4.60	0.00	-305.15	0.00	305.15	2,188.38	1,094.19	2,761.77	1,363.93	2.53	-0.53	0.119
46.00	-19.27	-4.57	0.00	-300.54	0.00	300.54	2,181.23	1,090.62	2,738.53	1,352.46	2.64	-0.55	0.118
47.00	-19.05	-4.54	0.00	-295.97	0.00	295.97	2,174.05	1,087.02	2,715.33	1,341.00	2.76	-0.56	0.116

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

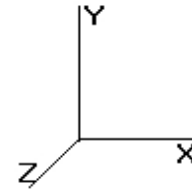
Dead Load Factor : 1.00

Wind Load Factor : 1.00

48.00	-18.84	-4.51	0.00	-291.43	0.00	291.43	2,166.82	1,083.41	2,692.17	1,329.56	2.88	-0.57	0.115
49.00	-18.63	-4.48	0.00	-286.92	0.00	286.92	2,159.55	1,079.77	2,669.06	1,318.15	3.00	-0.58	0.114
50.00	-18.43	-4.45	0.00	-282.44	0.00	282.44	2,152.23	1,076.12	2,645.99	1,306.76	3.12	-0.59	0.113
51.00	-18.22	-4.42	0.00	-277.99	0.00	277.99	2,144.88	1,072.44	2,622.97	1,295.38	3.25	-0.60	0.112
52.00	-18.01	-4.39	0.00	-273.57	0.00	273.57	2,137.48	1,068.74	2,599.99	1,284.04	3.37	-0.62	0.110
53.00	-17.80	-4.35	0.00	-269.19	0.00	269.19	2,130.05	1,065.02	2,577.05	1,272.71	3.50	-0.63	0.109
54.00	-17.59	-4.32	0.00	-264.83	0.00	264.83	2,122.57	1,061.28	2,554.17	1,261.41	3.64	-0.64	0.108
55.00	-17.39	-4.29	0.00	-260.51	0.00	260.51	2,115.05	1,057.52	2,531.33	1,250.13	3.77	-0.65	0.107
56.00	-17.18	-4.26	0.00	-256.22	0.00	256.22	2,107.48	1,053.74	2,508.54	1,238.87	3.91	-0.66	0.106
57.00	-16.98	-4.23	0.00	-251.96	0.00	251.96	2,099.88	1,049.94	2,485.80	1,227.64	4.05	-0.67	0.104
58.00	-16.77	-4.20	0.00	-247.73	0.00	247.73	2,092.24	1,046.12	2,463.11	1,216.44	4.19	-0.68	0.103
59.00	-16.57	-4.16	0.00	-243.53	0.00	243.53	2,084.55	1,042.27	2,440.47	1,205.26	4.34	-0.70	0.102
60.00	-16.36	-4.13	0.00	-239.37	0.00	239.37	2,076.82	1,038.41	2,417.88	1,194.10	4.48	-0.71	0.101
61.00	-16.16	-4.10	0.00	-235.24	0.00	235.24	2,069.05	1,034.53	2,395.35	1,182.97	4.63	-0.72	0.100
62.00	-15.96	-4.07	0.00	-231.14	0.00	231.14	2,061.24	1,030.62	2,372.86	1,171.87	4.78	-0.73	0.098
63.00	-15.75	-4.03	0.00	-227.07	0.00	227.07	2,053.39	1,026.69	2,350.44	1,160.79	4.94	-0.74	0.097
64.00	-15.55	-4.00	0.00	-223.04	0.00	223.04	2,045.49	1,022.75	2,328.07	1,149.74	5.09	-0.75	0.096
65.00	-15.35	-3.97	0.00	-219.03	0.00	219.03	2,037.55	1,018.78	2,305.75	1,138.72	5.25	-0.76	0.095
66.00	-15.15	-3.94	0.00	-215.07	0.00	215.07	2,029.58	1,014.79	2,283.49	1,127.73	5.41	-0.77	0.094
67.00	-14.95	-3.90	0.00	-211.13	0.00	211.13	2,020.20	1,010.10	2,259.77	1,116.01	5.58	-0.78	0.093
68.00	-14.75	-3.87	0.00	-207.22	0.00	207.22	2,008.56	1,004.28	2,233.65	1,103.12	5.74	-0.79	0.091
69.00	-14.55	-3.84	0.00	-203.35	0.00	203.35	1,996.92	998.46	2,207.69	1,090.29	5.91	-0.80	0.090
70.00	-14.36	-3.80	0.00	-199.51	0.00	199.51	1,985.27	992.64	2,181.87	1,077.55	6.08	-0.82	0.089
70.00	-14.35	-3.81	0.00	-199.50	0.00	199.50	1,985.24	992.62	2,181.79	1,077.50	6.08	-0.82	0.089
71.00	-14.08	-3.77	0.00	-195.71	0.00	195.71	1,973.63	986.82	2,156.21	1,064.87	6.25	-0.83	0.087
72.00	-13.81	-3.74	0.00	-191.94	0.00	191.94	1,961.99	981.00	2,130.70	1,052.27	6.42	-0.84	0.086
73.00	-13.54	-3.70	0.00	-188.20	0.00	188.20	1,950.35	975.17	2,105.35	1,039.75	6.60	-0.85	0.085
73.50	-13.41	-3.68	0.00	-186.34	0.00	186.34	1,473.96	736.98	1,624.57	802.31	6.69	-0.85	0.099
74.00	-13.32	-3.67	0.00	-184.51	0.00	184.51	1,471.43	735.72	1,617.01	798.58	6.78	-0.86	0.098
75.00	-13.14	-3.63	0.00	-180.84	0.00	180.84	1,466.30	733.15	1,601.82	791.08	6.96	-0.87	0.097
76.00	-12.96	-3.60	0.00	-177.21	0.00	177.21	1,461.13	730.56	1,586.64	783.58	7.14	-0.88	0.095
77.00	-12.78	-3.57	0.00	-173.61	0.00	173.61	1,455.91	727.96	1,571.48	776.10	7.33	-0.89	0.094
78.00	-12.60	-3.53	0.00	-170.04	0.00	170.04	1,450.65	725.33	1,556.35	768.62	7.51	-0.90	0.092
79.00	-12.43	-3.50	0.00	-166.51	0.00	166.51	1,445.36	722.68	1,541.24	761.16	7.70	-0.91	0.091
80.00	-12.25	-3.47	0.00	-163.01	0.00	163.01	1,440.02	720.01	1,526.16	753.71	7.90	-0.92	0.089
81.00	-12.07	-3.43	0.00	-159.54	0.00	159.54	1,434.64	717.32	1,511.11	746.28	8.09	-0.93	0.088
82.00	-11.90	-3.40	0.00	-156.11	0.00	156.11	1,429.21	714.61	1,496.08	738.86	8.29	-0.94	0.087
83.00	-11.72	-3.37	0.00	-152.70	0.00	152.70	1,423.75	711.87	1,481.07	731.45	8.48	-0.95	0.085
84.00	-11.55	-3.34	0.00	-149.33	0.00	149.33	1,418.24	709.12	1,466.10	724.05	8.68	-0.96	0.084
85.00	-11.37	-3.31	0.00	-145.99	0.00	145.99	1,412.69	706.35	1,451.15	716.67	8.89	-0.97	0.082
86.00	-11.20	-3.28	0.00	-142.68	0.00	142.68	1,407.10	703.55	1,436.24	709.30	9.09	-0.98	0.081
86.94	-11.03	-3.25	0.00	-139.60	0.00	139.60	1,401.81	700.91	1,422.25	702.39	9.29	-0.99	0.079
86.94	-11.03	-3.25	0.00	-139.60	0.00	139.60	1,401.81	700.91	1,422.25	702.39	9.29	-0.99	0.207
87.00	-11.03	-3.25	0.00	-139.40	0.00	139.40	1,401.47	700.74	1,421.36	701.95	9.30	-0.99	0.206
88.00	-10.92	-3.22	0.00	-136.15	0.00	136.15	1,395.80	697.90	1,406.50	694.62	9.51	-1.02	0.204
89.00	-10.81	-3.20	0.00	-132.93	0.00	132.93	1,390.09	695.04	1,391.68	687.30	9.72	-1.04	0.201
90.00	-10.71	-3.17	0.00	-129.73	0.00	129.73	1,384.33	692.17	1,376.89	680.00	9.95	-1.07	0.199
91.00	-10.60	-3.14	0.00	-126.56	0.00	126.56	1,378.53	689.27	1,362.14	672.71	10.17	-1.09	0.196
92.00	-10.49	-3.12	0.00	-123.42	0.00	123.42	1,372.70	686.35	1,347.42	665.44	10.40	-1.12	0.193
93.00	-10.39	-3.09	0.00	-120.30	0.00	120.30	1,366.81	683.41	1,332.74	658.19	10.64	-1.14	0.190
94.00	-10.28	-3.06	0.00	-117.21	0.00	117.21	1,360.89	680.45	1,318.09	650.96	10.88	-1.17	0.188
95.00	-10.18	-3.05	0.00	-114.14	0.00	114.14	1,354.93	677.46	1,303.48	643.74	11.13	-1.19	0.185
96.00	-10.08	-3.03	0.00	-111.10	0.00	111.10	1,348.92	674.46	1,288.91	636.54	11.38	-1.22	0.182
97.00	-9.97	-3.01	0.00	-108.07	0.00	108.07	1,342.88	671.44	1,274.38	629.37	11.64	-1.24	0.179
98.00	-9.87	-3.00	0.00	-105.06	0.00	105.06	1,336.79	668.39	1,259.89	622.21	11.90	-1.26	0.176
99.00	-9.77	-2.98	0.00	-102.06	0.00	102.06	1,330.66	665.33	1,245.43	615.07	12.17	-1.29	0.173
100.00	-9.66	-2.96	0.00	-99.08	0.00	99.08	1,324.49	662.24	1,231.02	607.96	12.44	-1.31	0.170

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 34 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

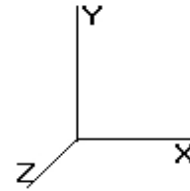
Wind Load Factor : 1.00

101.00	-9.56	-2.94	0.00	-96.12	0.00	96.12	1,318.27	659.14	1,216.65	600.86	12.72	-1.34	0.167
102.00	-9.46	-2.93	0.00	-93.18	0.00	93.18	1,312.02	656.01	1,202.33	593.78	13.00	-1.36	0.164
103.00	-9.36	-2.91	0.00	-90.25	0.00	90.25	1,305.72	652.86	1,188.04	586.73	13.29	-1.38	0.161
104.00	-9.26	-2.89	0.00	-87.34	0.00	87.34	1,299.39	649.69	1,173.81	579.70	13.58	-1.40	0.158
105.00	-9.16	-2.88	0.00	-84.45	0.00	84.45	1,293.01	646.50	1,159.61	572.69	13.88	-1.43	0.155
106.00	-9.06	-2.86	0.00	-81.57	0.00	81.57	1,284.34	642.17	1,143.47	564.72	14.18	-1.45	0.152
107.00	-8.96	-2.84	0.00	-78.71	0.00	78.71	1,275.05	637.52	1,126.88	556.52	14.48	-1.47	0.148
108.00	-8.86	-2.82	0.00	-75.87	0.00	75.87	1,265.75	632.87	1,110.41	548.39	14.79	-1.49	0.145
109.00	-8.77	-2.81	0.00	-73.05	0.00	73.05	1,256.45	628.22	1,094.06	540.32	15.11	-1.51	0.142
110.00	-8.67	-2.79	0.00	-70.24	0.00	70.24	1,247.15	623.58	1,077.84	532.30	15.43	-1.53	0.139
110.00	-8.67	-2.79	0.00	-70.23	0.00	70.23	1,247.12	623.56	1,077.78	532.28	15.43	-1.53	0.139
110.00	-8.67	-2.79	0.00	-70.23	0.00	70.23	856.50	428.25	744.58	367.72	15.43	-1.53	0.201
111.00	-8.59	-2.77	0.00	-67.45	0.00	67.45	852.92	426.46	735.92	363.44	15.75	-1.55	0.196
112.00	-8.50	-2.76	0.00	-64.68	0.00	64.68	849.29	424.65	727.25	359.16	16.08	-1.58	0.190
113.00	-8.42	-2.74	0.00	-61.93	0.00	61.93	845.62	422.81	718.59	354.89	16.41	-1.61	0.184
114.00	-8.34	-2.72	0.00	-59.19	0.00	59.19	841.90	420.95	709.95	350.62	16.75	-1.63	0.179
115.00	-8.26	-2.71	0.00	-56.46	0.00	56.46	838.15	419.07	701.32	346.35	17.10	-1.66	0.173
116.00	-8.17	-2.69	0.00	-53.76	0.00	53.76	834.35	417.17	692.70	342.10	17.45	-1.68	0.167
117.00	-8.09	-2.67	0.00	-51.07	0.00	51.07	830.51	415.25	684.10	337.85	17.80	-1.71	0.161
118.00	-8.01	-2.66	0.00	-48.39	0.00	48.39	826.63	413.31	675.51	333.61	18.16	-1.73	0.155
119.00	-6.73	-2.08	0.00	-45.74	0.00	45.74	822.70	411.35	666.94	329.38	18.53	-1.75	0.147
120.00	-6.66	-2.07	0.00	-43.65	0.00	43.65	818.74	409.37	658.39	325.15	18.90	-1.77	0.142
121.00	-6.59	-2.05	0.00	-41.59	0.00	41.59	814.73	407.37	649.85	320.94	19.27	-1.79	0.138
122.00	-6.52	-2.03	0.00	-39.54	0.00	39.54	810.68	405.34	641.34	316.73	19.65	-1.81	0.133
123.00	-6.46	-2.02	0.00	-37.51	0.00	37.51	806.59	403.30	632.85	312.54	20.03	-1.83	0.128
124.00	-6.39	-2.00	0.00	-35.49	0.00	35.49	802.46	401.23	624.37	308.35	20.42	-1.85	0.123
125.00	-6.32	-1.98	0.00	-33.50	0.00	33.50	798.29	399.15	615.92	304.18	20.81	-1.87	0.118
126.00	-6.26	-1.96	0.00	-31.51	0.00	31.51	794.08	397.04	607.49	300.02	21.20	-1.89	0.113
127.00	-6.19	-1.95	0.00	-29.55	0.00	29.55	789.82	394.91	599.09	295.87	21.60	-1.91	0.108
128.00	-4.40	-1.39	0.00	-27.18	0.00	27.18	785.52	392.76	590.71	291.73	22.00	-1.93	0.099
129.00	-4.34	-1.37	0.00	-25.79	0.00	25.79	781.19	390.59	582.35	287.60	22.40	-1.94	0.095
130.00	-4.28	-1.35	0.00	-24.42	0.00	24.42	776.80	388.40	574.02	283.49	22.81	-1.96	0.092
131.00	-4.22	-1.34	0.00	-23.07	0.00	23.07	772.38	386.19	565.72	279.39	23.22	-1.97	0.088
132.00	-4.16	-1.32	0.00	-21.73	0.00	21.73	767.92	383.96	557.44	275.30	23.64	-1.99	0.084
133.00	-4.10	-1.30	0.00	-20.41	0.00	20.41	763.41	381.71	549.20	271.23	24.06	-2.00	0.081
134.00	-4.05	-1.29	0.00	-19.11	0.00	19.11	758.87	379.43	540.98	267.17	24.48	-2.01	0.077
135.00	-3.99	-1.27	0.00	-17.82	0.00	17.82	754.28	377.14	532.79	263.12	24.90	-2.03	0.073
136.00	-3.93	-1.25	0.00	-16.55	0.00	16.55	749.65	374.82	524.63	259.10	25.33	-2.04	0.069
137.00	-3.87	-1.24	0.00	-15.30	0.00	15.30	744.98	372.49	516.51	255.08	25.75	-2.05	0.065
138.00	-3.82	-1.22	0.00	-14.06	0.00	14.06	740.26	370.13	508.41	251.09	26.19	-2.06	0.061
139.00	-3.76	-1.20	0.00	-12.84	0.00	12.84	735.51	367.75	500.35	247.10	26.62	-2.07	0.057
140.00	-3.71	-1.19	0.00	-11.63	0.00	11.63	730.85	365.43	492.42	243.19	27.05	-2.08	0.053
141.00	-3.65	-1.17	0.00	-10.45	0.00	10.45	723.86	361.93	482.99	238.53	27.49	-2.09	0.049
142.00	-3.60	-1.16	0.00	-9.28	0.00	9.28	716.87	358.43	473.65	233.92	27.93	-2.10	0.045
143.00	-3.54	-1.14	0.00	-8.12	0.00	8.12	709.87	354.94	464.40	229.35	28.37	-2.11	0.040
144.00	-3.49	-1.12	0.00	-6.98	0.00	6.98	702.88	351.44	455.24	224.83	28.81	-2.12	0.036
145.00	-3.44	-1.11	0.00	-5.86	0.00	5.86	695.89	347.94	446.18	220.35	29.26	-2.12	0.032
146.00	-3.38	-1.09	0.00	-4.75	0.00	4.75	688.90	344.45	437.20	215.92	29.70	-2.13	0.027
147.00	-3.33	-1.07	0.00	-3.66	0.00	3.66	681.90	340.95	428.32	211.53	30.15	-2.13	0.022
147.99	-3.19	-0.98	0.00	-2.04	0.00	2.04	674.98	337.49	419.62	207.23	30.59	-2.13	0.015
148.00	-0.06	-0.03	0.00	-0.05	0.00	0.05	674.91	337.46	419.53	207.19	30.60	-2.13	0.000
149.00	-0.03	-0.01	0.00	-0.01	0.00	0.01	667.92	333.96	410.83	202.89	31.04	-2.13	0.000
150.00	0.00	-0.01	0.00	0.00	0.00	0.00	660.93	330.46	402.22	198.64	31.49	-2.13	0.000

Pole : 302480
 Location : Woodbridge CT 1, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	27.41	0.00	35.95	0.00	0.00	2618.29	86.94	0.99
0.9D + 1.6W	27.16	0.00	28.41	0.00	0.00	2580.69	86.94	0.96
1.2D + 1.0Di + 1.0Wi	5.52	0.00	53.27	0.00	0.00	580.10	110.00	0.26
1.0D + 1.0W	5.74	0.00	30.94	0.00	0.00	541.63	86.94	0.21

Additional Steel Summary

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
			VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
0.00	9.00	(4) SOL-#20 All Thre	243.8	9.5	16.8	0.0	12.0	0	0	0.0	12.0	0	0	274.0	315.5	0.869
9.00	86.9	(4) SOL-#20 All Thre	311.0	9.3	16.8	160.4	12.0	14	14	0.0	12.0	0	0	264.8	330.5	0.801

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	37.38 in
	Pole Thickness	0.375 in
	Plate Length	44 in
	Plate Thickness	2.5 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	1228.77 k-in
	Applied	618.88 k-in
Stiffeners	#	0

Code Rev. **G**

Moment **2618.3 k-ft**

Axial **36.0 k**

Date **8/28/2014**

Engineer **TM**

Site # **302480**

Carrier **Metro PCS**

Bolts	#	8
	Bolt Circle	44 in
	(R)adial / (S)quare	S
	Bolt Gap	6 in
	Diameter	2.25 in
	Hole Diameter	2.625 in
	Type	A615-75
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	259.82 k
Applied	183.64 k	
Reinforcement	#	4
	DYW. Circle	44 in
	Offset Angle	0°
	Type	#20
	Diameter	2.5 in
Fu	100 ksi	
Extra Bolts O	#	4
	Bolt Circle	44 in
	(R)adial / (S)quare	R
	Offset Angle	20°
	Diameter	1.5 in
	Type	A354-BC
	Fy	109 ksi
Fu	125 ksi	
ϕ_s Resistance	140.53 k	
Applied	82.51 k	

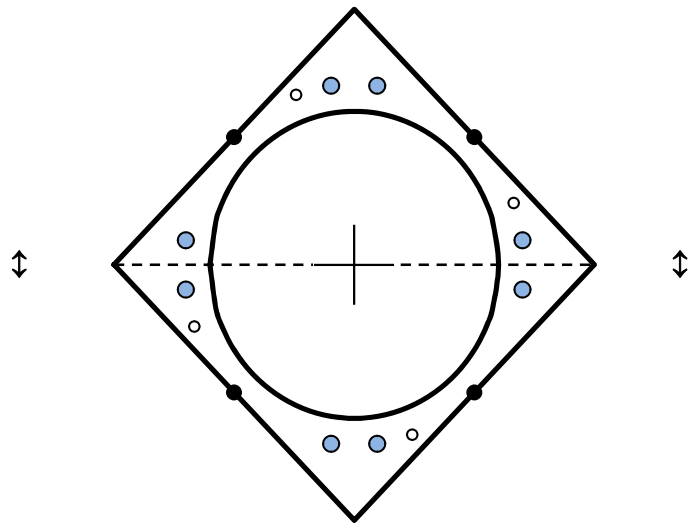


Plate Stress Ratio:
0.50 (Pass)

Bolt Stress Ratio:
0.71 (Pass)

Extra Bolt Stress Ratio:
0.59 (Pass)

Base/Flange Plate	Plate Type	Flange @ 110.0 ft
	Pole Diameter	21.268 in
	Pole Thickness	0.188 in
	Plate Diameter	28.5 in
	Plate Thickness	1 in
	Plate Fy	60 ksi
	Weld Length	0.1875 in
	ϕ_s Resistance	144.29 k-in
	Applied	79.31 k-in
	Stiffeners	#
Thickness	0.5 in	
Length	3 in	
Height	4 in	
Chamfer	1 in	
Offset Angle	0°	
Fy	36 ksi	

Code Rev. **G**

Date **8/28/2014**
 Engineer **TM**
 Site # **302480**
 Carrier **Metro PCS**

Moment **347.3 k-ft**
 Axial **8.7 k**

Bolts	#	12
	Bolt Circle	25.75 in
	(R)adial / (S)quare	R
	Diameter	1 in
	Hole Diameter	1.125 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	54.52 k
	Applied	53.19 k
Reinforcement	#	0
Extra Bolts	#	0

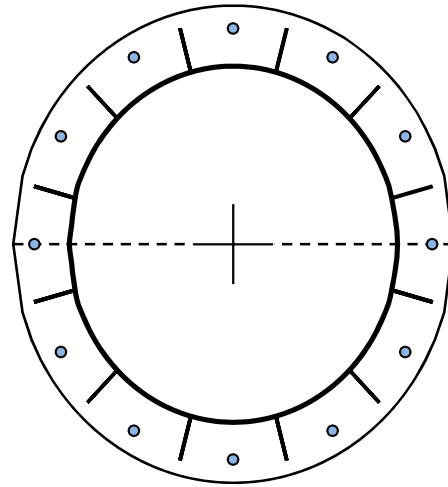
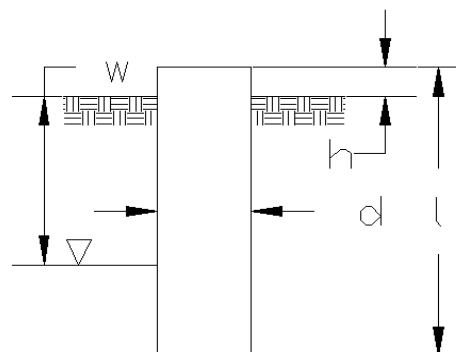


Plate Stress Ratio:
0.55 (Pass)

Bolt Stress Ratio:
0.98 (Pass)

Site Name: Woodbridge CT 1, CT
 Site Number: 302480
 Engineer: T. Melesse
 Engineering Number: 59131223
 Date: 08/28/14

Program Last Updated: 5/13/2014
 American Tower Corporation



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

Analyze or Design a Foundation? Analyze
 Foundation Mapped: Y
 Moment (M): 2618.3 k-ft
 Shear/Leg (V): 27.4 k
 Axial Load (P): 36.0 k
 Uplift/Leg (U): 0.0 k
 Tower Type (GT / SST / MP): MP

Diameter of Caisson (d): 5.0 ft
 Caisson Embedment (L-h): 30.7 ft
 Caisson Height Above Ground (h): 0.3 ft
 Depth Below Ground Surface to Water Table (w): 2.0 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	100		0		
2.0	7.0	100		20		
7.0	20.0	100		20		
20.0	31.7	110		35		12000

Volume of Concrete: 608.7 ft³ = 22.5 yd³
 Weight of Concrete (Buoyancy Effect Considered): 56.1 k
 Average Soil Unit Weight: 45.2 pcf
 Skin Friction Resistance: 0.0 k
 Compressive Bearing Resistance: 235.6 k
 Pullout Weight (Minus Concrete Weight): 649.0 k
 Nominal Uplift Capacity per Leg ($\phi_s T_n$): 42.1 k
 Nominal Compressive Capacity per Leg ($\phi_s P_n$): 176.7 k
 P_u : 69.6 k
 $T_u / \phi_s T_n$: 0.00 Result: OK
 $P_u / \phi_s P_n$: 0.39 Result: OK
 Total Lateral Resistance: 849.2 k
 Inflection Point (Below Ground Surface): 23.8 ft
 Design Overturning Moment At Inflection Point (M_D): 3278.1 k-ft
 Nominal Moment Capacity ($\phi_s M_n$): 3784.2 k-ft
 $M_D / \phi_s M_n$: 0.87 Result: OK
 ϕ_s : 0.75