

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



ORIGINAL

March 27, 2013

VIA OVERNIGHT COURIER

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

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



Dear Ms. Roberts:

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

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

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

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

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

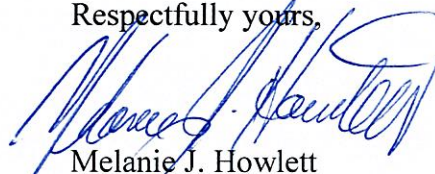
2. AT&T will place related equipment in an existing Equipment Shelter and mount a new GPS antenna on the existing Equipment Shelter. These changes will be within the existing compound and will have no effect on the site boundaries.

3. The proposed changes will not increase the noise level at the existing facility by six (6) decibels or more. The incremental effect of the proposed changes will be negligible.

4. The changes to the facility will not increase the calculated "worst case" power density for the combined operations at the site to a level at or above the applicable standard for uncontrolled environments as calculated for a mixed frequency site. As indicated on the attached report prepared by C Squared Systems, LLC, AT&T's operations at the site will result in a power density of approximately 1.54%; the combined site operations will result in a total power density of approximately 10.51%.

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

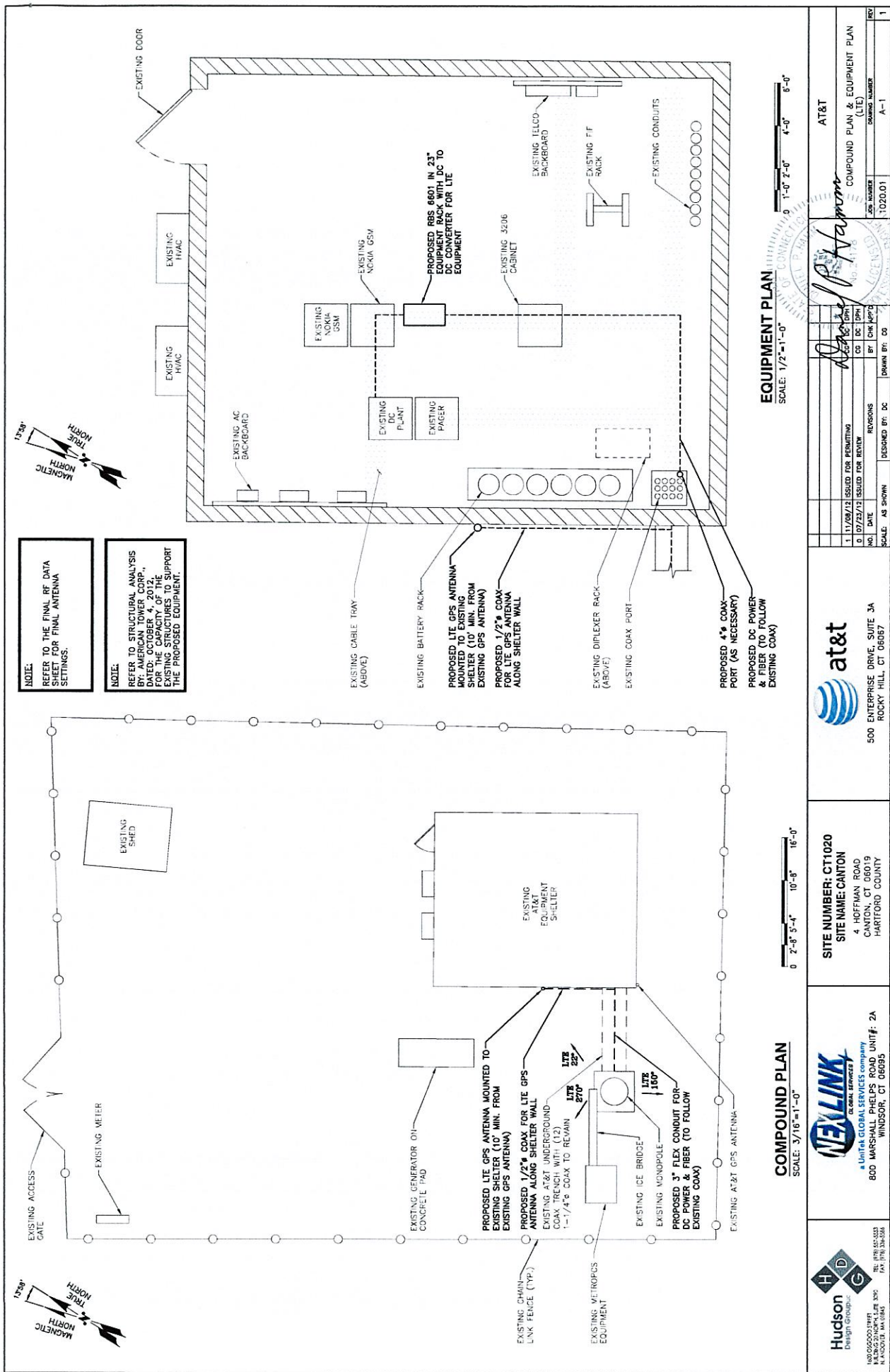
Respectfully yours,



Melanie J. Howlett

Attachments

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







Hudson
Design Group

1400 GROSS POINT DRIVE, SUITE 300
N. AUSTIN, MA 01465
TEL: 978.353.5544
FAX: 978.353.5544



NEXLINK
GLOBAL SERVICES company
a Unitek Global Services company

800 MARSHALL, PHELPS ROAD UNIT# 2A
WINDSOR, CT 06095

SITE NUMBER: CT1020
SITE NAME: CANTON

4. HOFFMAN ROAD
CANTON, CT 06019
HARTFORD COUNTY



at&t

500 ENTERPRISE DRIVE, SUITE 3A
ROCKY HILL, CT 06067

ISSUED FOR PERMITTING		ISSUED FOR REVIEW		REVISIONS		SCALE		AS SHOWN		DESIGNED BY:		DRAWN BY:		CHECKED BY:	
DATE	BY	DATE	BY	NO.	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE	BY	DATE
11/09/12	DC	07/23/12	DC												

AT&T

ANTENNA PLAN & ELEVATION
(LTE)

Job Number: 1020.01
Drawing Number: A-2
Sheet: 1



AMERICAN TOWER®

C O R P O R A T I O N

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

302488 - CNTN - CANTON, CONNECTICUT 150 FT ITT MEYER MONOPOLE MODIFICATIONS

PROJECT DESCRIPTION:

THE MODIFICATIONS PRESENTED ON THESE DRAWINGS ARE BASED ON THE RECOMMENDATIONS OUTLINED IN THE STRUCTURAL ANALYSIS COMPLETED UNDER ENGINEERING PROJECT NUMBER 51822034 DATED 12/18/12. SATISFACTORY COMPLETION OF THE WORK INDICATED ON THESE DRAWINGS WILL RESULT IN THE STRUCTURE MEETING THE REQUIREMENTS OF THE SPECIFICATIONS UNDER WHICH THE STRUCTURAL WAS COMPLETED.

AS-BUILT SIGN-OFF

DESCRIPTION	SIGNATURE	DATE
CONTRACTOR NAME		
CONTRACTOR REP. (PRINT NAME)		
CONTRACTOR REP. (SIGNATURE)		
REDEVELOPMENT P.M. (PRINT NAME)		
REDEVELOPMENT P.M. (SIGNATURE)		

PROJECT SUMMARY

ATC PROJECT NUMBER: 51822034

CUSTOMER: AT&T MOBILITY

CUSTOMER SITE NUMBER: 10034984

CUSTOMER SITE NAME: CANTON

SITE ADDRESS: EAST HILL ROAD (0.1 MI N OF HOFFMAN RD)
CANTON, CT 06019

DATE: 03/12/13

REVISION: 0

SHEET

BOM
IGN
A-1
A-2
A-2A
BR-20C
TB-20C-8
TB-20C-12
#20SB

SHEET TITLE

BILL OF MATERIALS (1 PAGE)
IBC GENERAL NOTES
MODIFICATION PROFILE
REINFORCEMENT INSTALLATION DETAILS
REINFORCEMENT INSTALLATION DETAILS (CONTD)
#20 BAR BRACKET [CONCENTRIC]
#20 BAR TERMINATION BRACKET [CONCENTRIC 8 U-BOLT]
#20 BAR TERMINATION BRACKET [CONCENTRIC 12 U-BOLT]
#20 STEP BOLT BRACKET FABRICATION AND INSTALLATION DETAILS

REV.

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

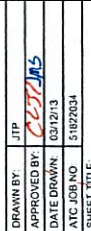


REV.	DESCRIPTION	BY	DATE
0	FIRST ISSUE	JTP	03/12/13

ATC SITE NUMBER:
302488

ATC SITE NAME:
CNTN - CANTON
CONNECTICUT

SITE ADDRESS:
EAST HILL ROAD (0.1 MI OF HOFFMAN RD)
CANTON, CT 06019



SHEET NUMBER:	BOM	REV. #	0
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PAGE 1 OF 1

GENERAL

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

STRUCTURAL STEEL

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

WELDING

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

BOLT TIGHTENING PROCEDURE

1. STRUCTURAL CONNECTIONS TO BE ASSEMBLED AND INSPECTED IN ACCORDANCE WITH RCSC-2004, (SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A325 OR ASTM A490 BOLTS.)

2. TIGHTEN FLANGE BOLTS BY AISC "TURN-OF-THE-NUT" METHOD, USING THE CHART BELOW.

BOLT LENGTHS UP TO AND INCLUDING FOUR DIAMETERS

- | BOLT SIZE | BOLT LENGTH | TURN-BEYOND SNUG TIGHT |
|-----------|--|-----------------------------|
| 1/2" | BOLTS UP TO AND INCLUDING 20 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 3/8" | BOLTS UP TO AND INCLUDING 25 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 3/4" | BOLTS UP TO AND INCLUDING 30 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 7/8" | BOLTS UP TO AND INCLUDING 35 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 1" | BOLTS UP TO AND INCLUDING 40 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 1-1/8" | BOLTS UP TO AND INCLUDING 45 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 1-1/4" | BOLTS UP TO AND INCLUDING 50 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 1-3/8" | BOLTS UP TO AND INCLUDING 55 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |
| 1-1/2" | BOLTS UP TO AND INCLUDING 60 INCH LENGTH | +1/3 TURN BEYOND SNUG TIGHT |

BOLT LENGTHS OVER FOUR DIAMETERS BUT NOT EXCEEDING EIGHT DIAMETERS

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

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

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

8.2.1 TURN-OF-NUT PRETENSIONING

BOLTS SHALL BE INSTALLED IN ALL HOLES OF THE CONNECTION AND BROUGHT TO A SNUG TIGHT CONDITION AS DEFINED IN SECTION 8.1. UNTIL ALL THE BOLTS ARE SIMULTANEOUSLY SNUG TIGHT AND THE CONNECTION IS FULLY COMPACTED, FOLLOWING THIS INITIAL OPERATION ALL BOLTS IN THE CONNECTION SHALL BE TIGHTENED FURTHER BY THE APPLICABLE AMOUNT OF ROTATION SPECIFIED ABOVE. DURING THIS OPERATION THE AMOUNT OF ROTATION SHALL BE MEASURED BY THE TURN-OF-THE-NUT METHOD. THE WRENCH, TIGHTENING SHALL PROGRESS SYSTEMATICALLY.

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

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

PAINT

1. AS REQUIRED, CLEAN AND PAINT PROPOSED STEEL ACCORDING TO FAA ADVISORY CIRCULAR AC 707460-1K.

APPLICABLE CODES AND STANDARDS

1. ANSII: STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND SUPPLEMENTARY STRUCTURES, 222-G EDITION.
2. 2003 INTERNATIONAL BUILDING CODE WITH 2005 CONNECTICUT AMENDMENTS AND 2009 CONNECTICUT AMENDMENTS
3. ACI 318: AMERICAN CONCRETE INSTITUTE, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE, 318-02.
4. CRSI: CONCRETE REINFORCING STEEL INSTITUTE, MANUAL OF STANDARD PRACTICE, LATEST EDITION.
5. AISC: AMERICAN INSTITUTE OF STEEL CONSTRUCTION, MANUAL OF STEEL CONSTRUCTION, LATEST EDITION.
6. AWS: AMERICAN WELDING SOCIETY D1.1, STRUCTURAL WELDING CODE, LATEST EDITION.

SPECIAL INSPECTION

1. A QUALIFIED INDEPENDENT TESTING LABORATORY, EMPLOYED BY THE OWNER, SHALL PERFORM INSPECTION AND TESTING IN ACCORDANCE WITH IBC 2003, SECTION 1704 AS REQUIRED BY PROJECT SPECIFICATIONS FOR THE FOLLOWING CONSTRUCTION WORK:

- a) STRUCTURAL WELDING: (C/N IN-NOUS INSPECTION OF FIELD WELD ONLY)
- b) HIGH STRENGTH BOLTS (PERIODIC INSPECTION OF A325 EXTENSION FLANGE BOLTS TO BE TIGHTENED PER "TURN-OF-THE-NUT" METHOD)

2. THE INSPECTION AGENCY SHALL SUBMIT INSPECTION AND TEST REPORTS TO THE BUILDING DEPARTMENT, THE ENGINEER OF RECORD, AND THE PROJECT ARCHITECT. INSPECTION AND TESTING SHALL BE PERFORMED BY THE FABRICATOR, AS APPROVED BY THE BUILDING OFFICIAL TO PERFORM SUCH WORK WITHOUT THE SPECIAL INSPECTIONS.



AMERICAN TOWER SERVICES, INC.
400 FREQUENCY EAGLE DRIVE
SUITE 300
CARY, NC 27518
PHONE: (919) 468-0112
FAX: (919) 468-0115
WWW.ATSI.COM

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REV	DESCRIPTION	BY	DATE
1	FIRST ISSUE	JTP	03/12/13
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ATC SITE NUMBER
302488

ATC SITE NAME
CNTN - CANTON

CONNECTICUT

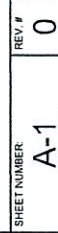
SITE ADDRESS
EAST HILL ROAD 0.1 MI N OF HOFFMAN RD
CANTON, CT 06019



DRAWN BY	JTP
APPROVED BY	CEJ/JMS
DATE DRAWN	03/12/13
ATC JOB NO	5182034
SHEET TITLE	

IBC GENERAL NOTES

SHEET NUMBER	IGN	REV #	0
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FAX: (919) 488-5415

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CONNECTICUT
SITE ADDRESS: EAST HILL ROAD (0.1 MI N OF HOFFMAN RD)
CANTON, CT 06019

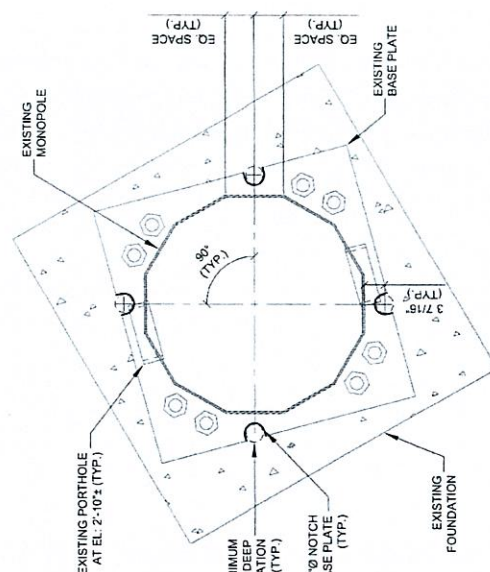
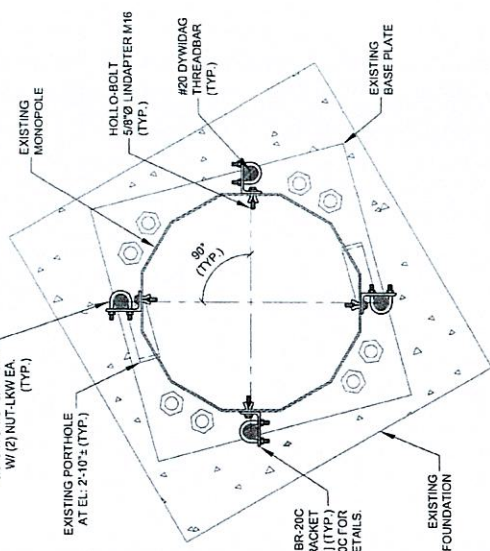
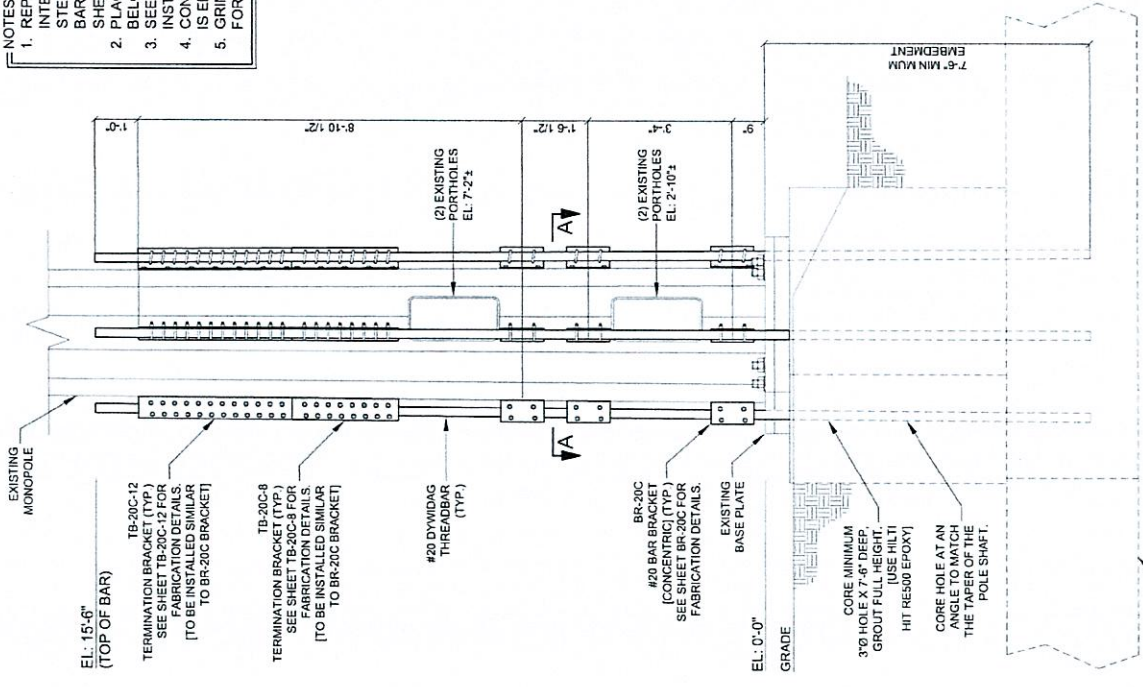


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APPROVED BY: 
DATE DRAWN: 03/12/13
ATC JOB NO: 5182004
SHEET TITLE:

REINFORCEMENT
INSTALLATION DETAILS

SHEET NUMBER: A-2
REV # 0

- NOTES:**
1. REPLACE ANY EXISTING STEP BOLTS THAT INTERFERE WITH NEW REINFORCING BARS. THE NEW STEP SHALL BE ATTACHED TO THE REINFORCING BARS IN THE SAME APPROXIMATE LOCATION. SEE SHEET #20SB FOR INSTALLATION DETAILS.
 2. PLACE A BRACKET (BR-20C) DIRECTLY ABOVE AND BELOW ANY EXISTING PORTHOLE AS REQUIRED. SEE SHEET A-2A FOR #20 BAR BRACKET INSTALLATION DETAILS.
 3. CONTACT ENGINEER OF RECORD IF EXISTING REBAR IS ENCOUNTERED DURING CORING.
 5. GRIND BACK EXISTING PORTHOLES AS REQUIRED FOR DYWIDAG BAR INSTALLATION.





AMERICAN TOWER SERVICES, INC.
 400 REGGIE WAY, SUITE 300
 CARY, NC 27518
 PHONE: (919) 468-0112
 FAX: (919) 468-5415

THESE DRAWINGS AND SPECIFICATIONS ARE PREPARED BY THE ENGINEER AND SHALL BE USED IN ACCORDANCE WITH THE SPECIFICATIONS AS INDICATED OR REFERRED TO. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE AND MAINTENANCE OF THE PROJECT. THE ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE USER SHALL BE RESPONSIBLE FOR THE PROPER USE AND MAINTENANCE OF THE PROJECT.

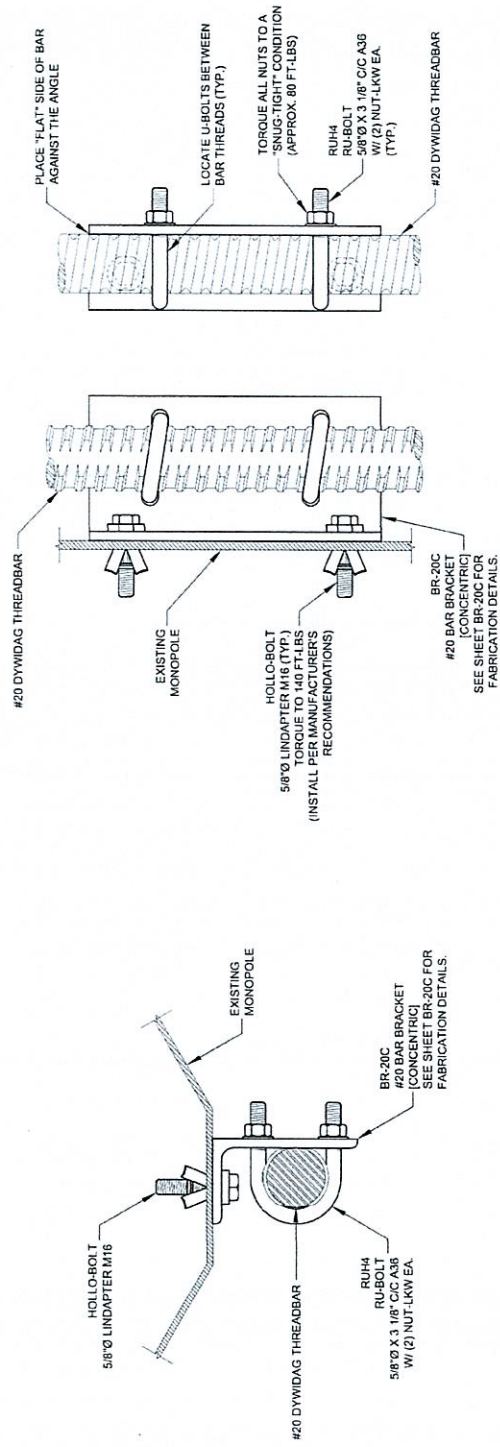
REV. DESCRIPTION BY DATE
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ATC SITE NUMBER: 302488
 ATC SITE NAME: CANTON - CANTON
 CONNECTICUT
 SITE ADDRESS: EAST HILL ROAD (0.1 MI N OF HOFFMAN RD)
 CANTON, CT 06019



DRAWN BY: JTP
 APPROVED BY: JTP
 DATE DRAWN: 03/12/13
 ATC JOB NO: 51822034
 SHEET TITLE: REINFORCEMENT INSTALLATION DETAILS (CONT'D)

SHEET NUMBER: A-2A
 REV. # 0



ELEVATION VIEW
#20 BAR BRACKET ORIENTATION
[CONCENTRIC]

PLAN VIEW
#20 BAR BRACKET ORIENTATION
[CONCENTRIC]



AMERICAN TOWER®
ATC TOWER SERVICES, INC.
 400 HOFFMAN ROAD
 SUITE 800
 CARY, NC 27518
 PHONE: (919) 468-0112
 FAX: (919) 468-5415

PLEASE PRINT
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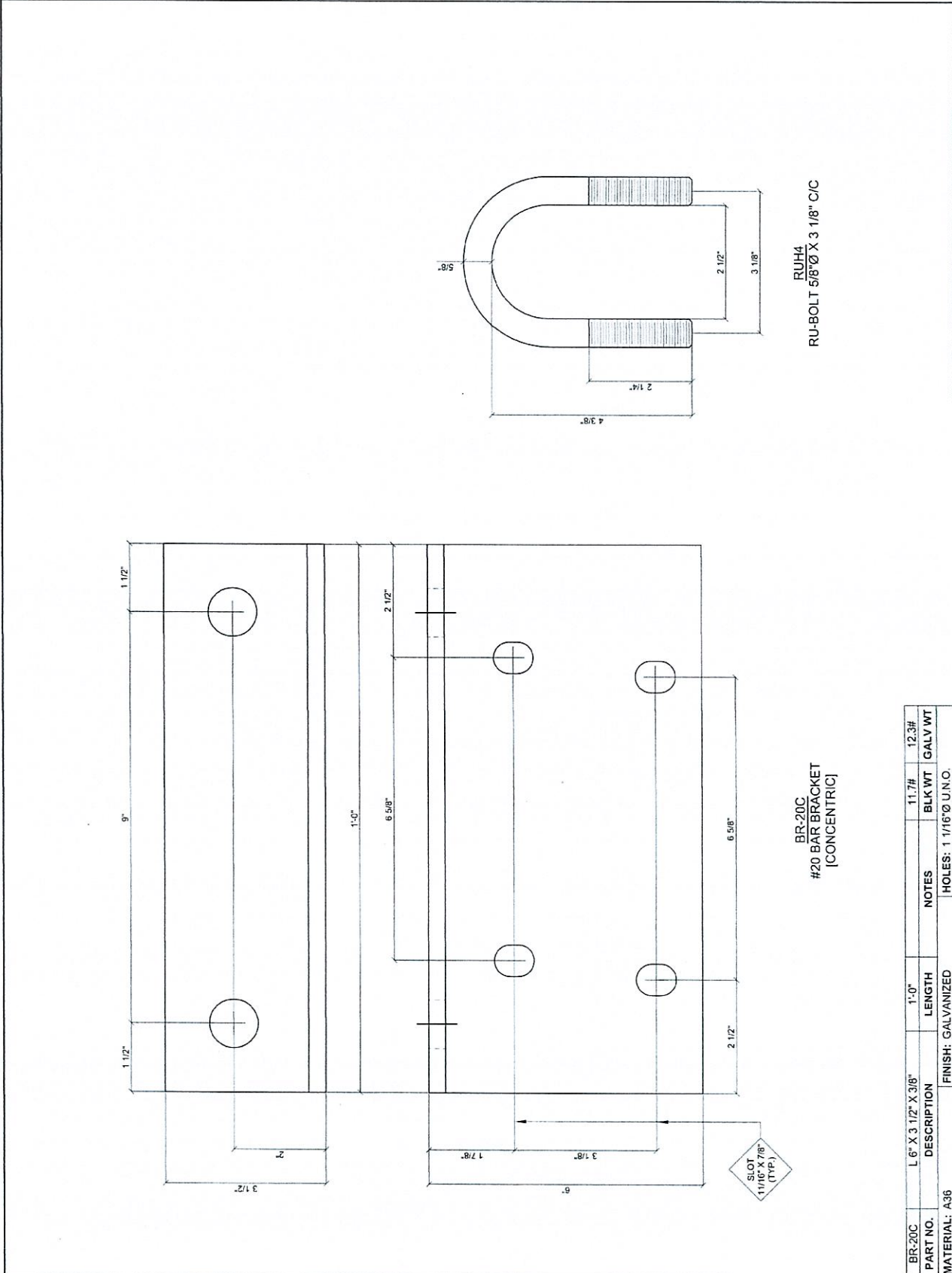
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302488
 ATC SITE NAME:
CNTN - CANTON
 CONNECTICUT
 SITE ADDRESS:
 EAST HILL ROAD (0.1 MI N OF HOFFMAN RD)
 CANTON, CT 06019



DRAWN BY: JTP
 APPROVED BY: *[Signature]*
 DATE DRAWN: 03/12/13
 ATC JOB NO: 5182204
 SHEET TITLE:
#20 BAR BRACKET [CONCENTRIC]

SHEET NUMBER: **BR-20C**
 REV. # **0**



BR-20C	1 1/16" X 7/8" (TYP.)	11.7#	12.3#
PART NO.	DESCRIPTION	LENGTH	NOTES
MATERIAL: A36	FINISH: GALVANIZED	HOLES: 1 1/16" Ø U.N.O.	



PART NO.		DESCRIPTION	LENGTH	NOTES	BLK WT	GALV WT
TB-20C-8		L 6" X 3 1/2" X 3/8"	2'-5 1/2"		28.8#	30.2#
MATERIAL: A36				FINISH: GALVANIZED		
				HOLES: 1 1/16"Ø UNO.		



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



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REV	DESCRIPTION	BY	DATE
0	FIRST ISSUE	JTP	03/12/13
△			
△			
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ATC SITE NUMBER:
302488

ATC SITE NAME:
CNTN - CANTON
CONNECTICUT

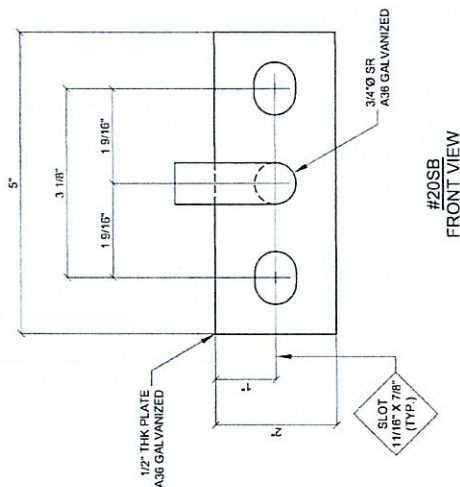
SITE ADDRESS:
EAST HILL ROAD (0.1 MI N OF HOFFMAN RD)
CANTON, CT 06019



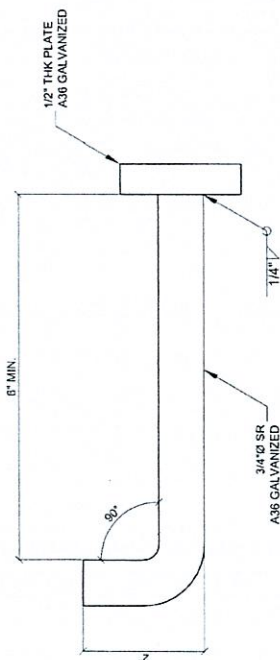
DRAWN BY:	JTP
APPROVED BY:	<i>CLJ/mjs</i>
DATE DRAWN	03/12/13
ATC JOB NO:	51822034
SHEET TITLE:	

#20 STEP BOLT BRACKET FABRICATION AND INSTALLATION DETAILS

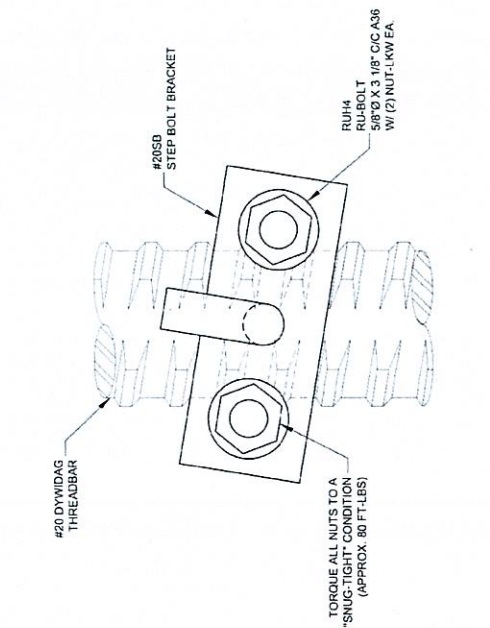
SHEET NUMBER:	#20SB	REV. #	0
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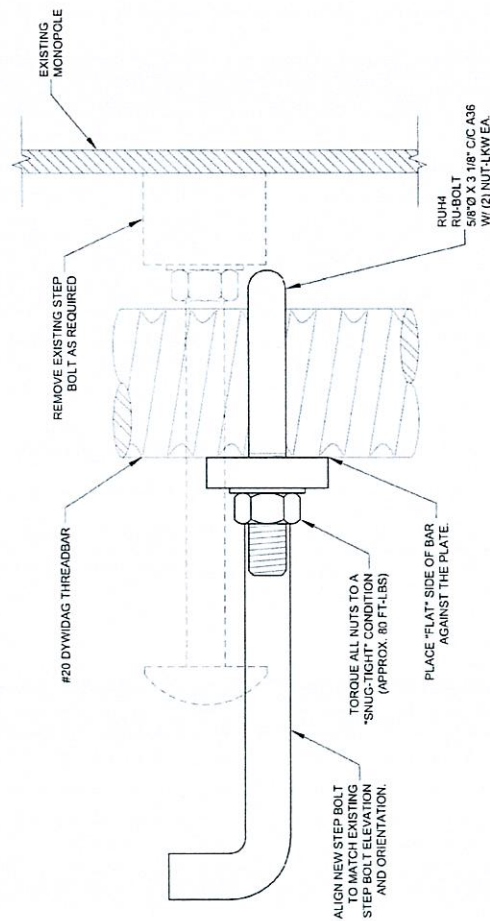
#20SB
FRONT VIEW



#20SB
SIDE VIEW



#20SB INSTALLATION DETAILS
FRONT VIEW



#20SB INSTALLATION DETAILS
SIDE VIEW



AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 150 ft Monopole
ATC Site Name : Cntn - Canton, CT
ATC Site Number : 302488
Engineering Number : 51822023
Proposed Carrier : AT&T Mobility
Carrier Site Name : Canton
Carrier Site Number : 10034984
Site Location : 4 Hoffmann Road
Canton, CT 06019-2122
41.855278,-72.892500
County : Hartford
Date : December 18, 2012
Max Usage : 108%
Result : Fail

Zachary Medoff
Project Engineer

Zachary Medoff



12/20/12



Eng. Number 51822023
December 18, 2012

Table of Contents

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Supporting Documents	1
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Calculations	Attached



Introduction

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

Supporting Documents

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

Analysis

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

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

Conclusion

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

- Reinforce anchor bolts.

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



Existing and Reserved Equipment

Mount Elev. ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
150.0	1	12' Omni	Platform w/ Handrails	(1) 1 5/8 Coax (1) 1/2" Coax	USA Mobility
	1	6' Yagi			
	6	Ericsson RRUS 11		(12) 1 1/4" Coax (2) 19.7 mm Cable	AT&T Mobility
	6	Powerwave 7770.00A			
	3	Powerwave P65-17-XLH-RR			
	6	Powerwave TT19-08BP111-001			
	1	Telewave ANT450D6-9		(1) 7/8" Coax	Town of Canton
144.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8 Coax	Youghiogheny
135.0	3	RFS APX16DWV-16DWV-S-E-ACU	Low Profile Platform	(12) 1 5/8" Coax	T-Mobile
	3	RFS ATMAA1412D-1A20			
	3	RFS ATMPP1412D-1CWA			
120.0	1	Telewave ANT450D6-9	Side Arm	(1) 7/8" Coax	Town of Canton
10.0	1	Channel Master Type 120	Pipe	(1) 7 mm Fiber	USA Mobility

Proposed Equipment

Elevation ¹ (ft)		Qty.	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
150.0	150.0	3	Andrew ABT-DMDF-ADBH	Platform w/ Handrails	(1) 10 mm Cable (1) 3" Conduit	AT&T Mobility
		1	Andrew SBNH-1D6565C			
		1	Raycap DC6-48-60-18-8F			

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	108%	Fail
Shaft	100%	Pass
Base Plate	70%	Pass
Flanges	97%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	2059.2
Axial (Kips)	53.2
Shear (Kips)	19.8

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

Deflection and Sway*

Antenna Elevation (ft)	Deflection (ft)	Sway (Rotation) (°)
150.0	4.251	3.218

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



Standard Conditions

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

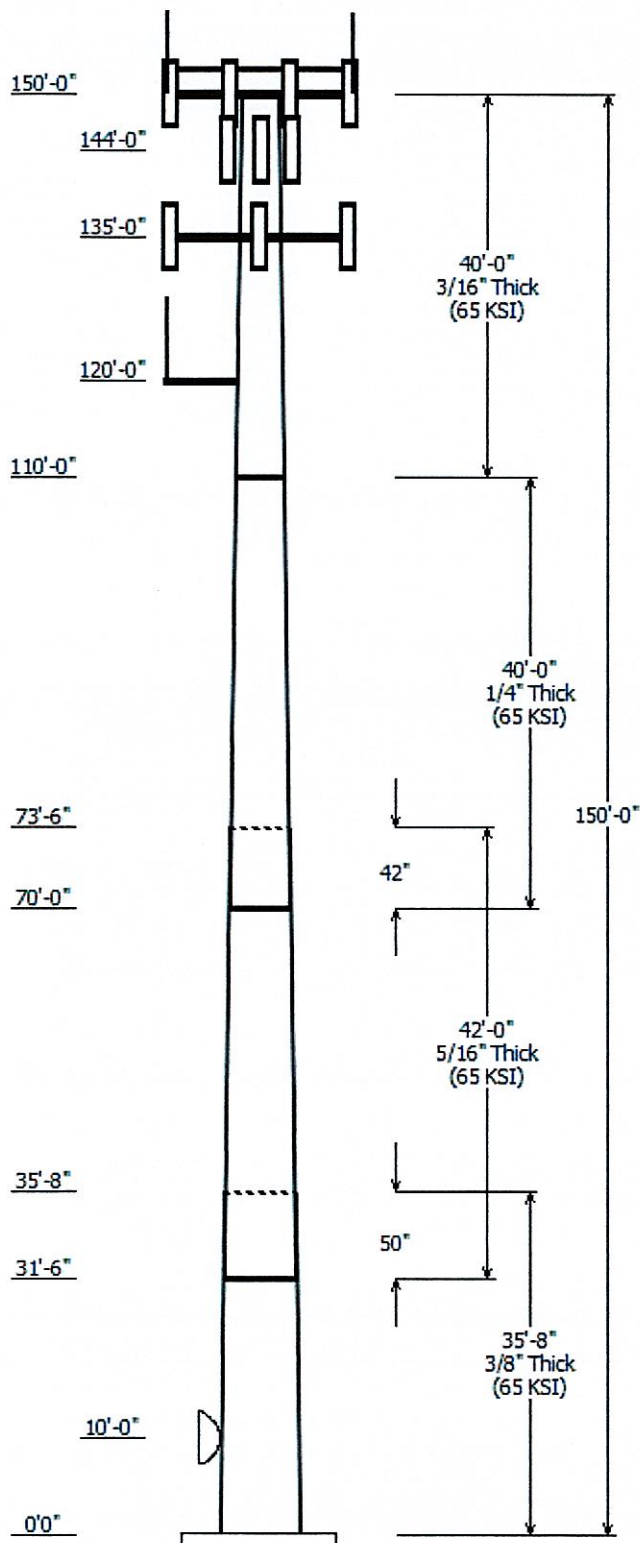
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

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

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

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

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Job Information

Pole : 302488 Code: ANSI/TIA-222 Rev G
 Description : 150 ft ITT Meyer Type "B" Monopole
 Client : AT&T Mobility Struct Class : II
 Location : Cntn - Canton, CT
 Shape : 12 Sides Exposure : B
 Height : 150.00 (ft) Topo : 1
 Base Elev (ft): 0.00
 Taper: 0.15670(in/ft)

Sections Properties

Shaft Section	Length (ft)	Diameter (in)		Thick (in)	Joint Type	Overlap Length (in)		Steel Taper (in/ft)	Grade (ksi)
		Across	Flats			Top	Bottom		
1	35.667	31.79	37.38	0.375		0.000	0.156707	65	
2	42.000	26.48	33.07	0.313	Slip Joint	50.000	0.156707	65	
3	40.000	21.26	27.53	0.250	Slip Joint	42.000	0.156707	65	
4	40.000	15.00	21.26	0.188	Butt Joint	0.000	0.156707	65	

Discrete Appurtenance

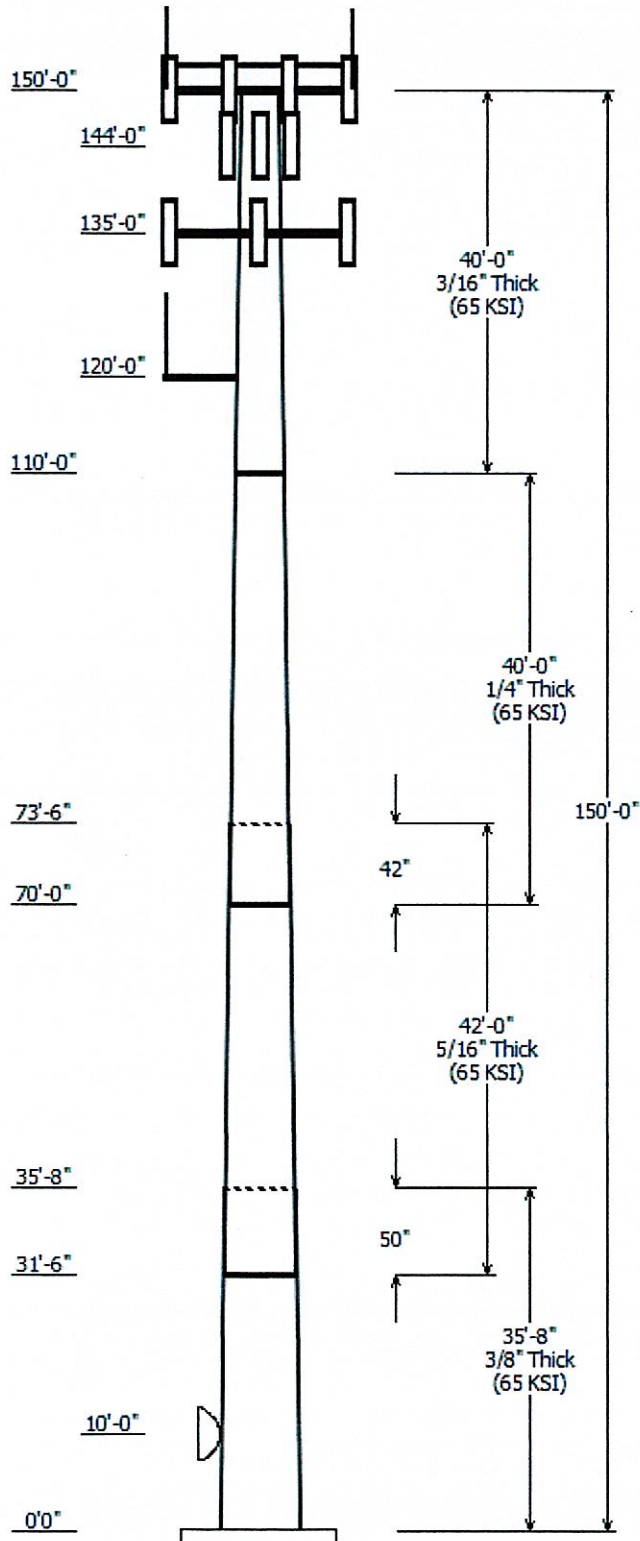
Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	150.000	1	Raycap DC6-48-60-18-8F
150.000	150.000	1	Andrew SBNH-1D6565C
150.000	150.000	3	Andrew ABT-DMDF-ADBH
150.000	150.000	6	Ericsson RRUS 11
150.000	150.000	6	Powerwave TT19-08BP111-001
150.000	150.000	3	Powerwave P65-17-XLH-RR
150.000	152.958	1	Telewave ANT450D6-9
150.000	150.000	1	6' Yagi
150.000	150.000	6	Powerwave 7770.00A
150.000	156.000	1	12' Omni
150.000	150.000	1	Flat Platform w/ Handrails
144.000	144.000	3	RFS APXV18-206517S-C
135.000	135.000	1	Low Profile Platform
135.000	135.000	3	RFS ATMPP1412D-1CWA
135.000	135.000	3	RFS APX16DWV-16DWV-S-E
135.000	135.000	3	RFS ATMAA1412D-1A20
120.000	122.958	1	Telewave ANT450D6-9
120.000	120.000	1	Side Arm
10.000	10.000	1	Channel Master Type 120

Linear Appurtenance

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

Load Cases

1.2D + 1.6W	95.00 mph with No Ice
0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice



1.0D + 1.0W

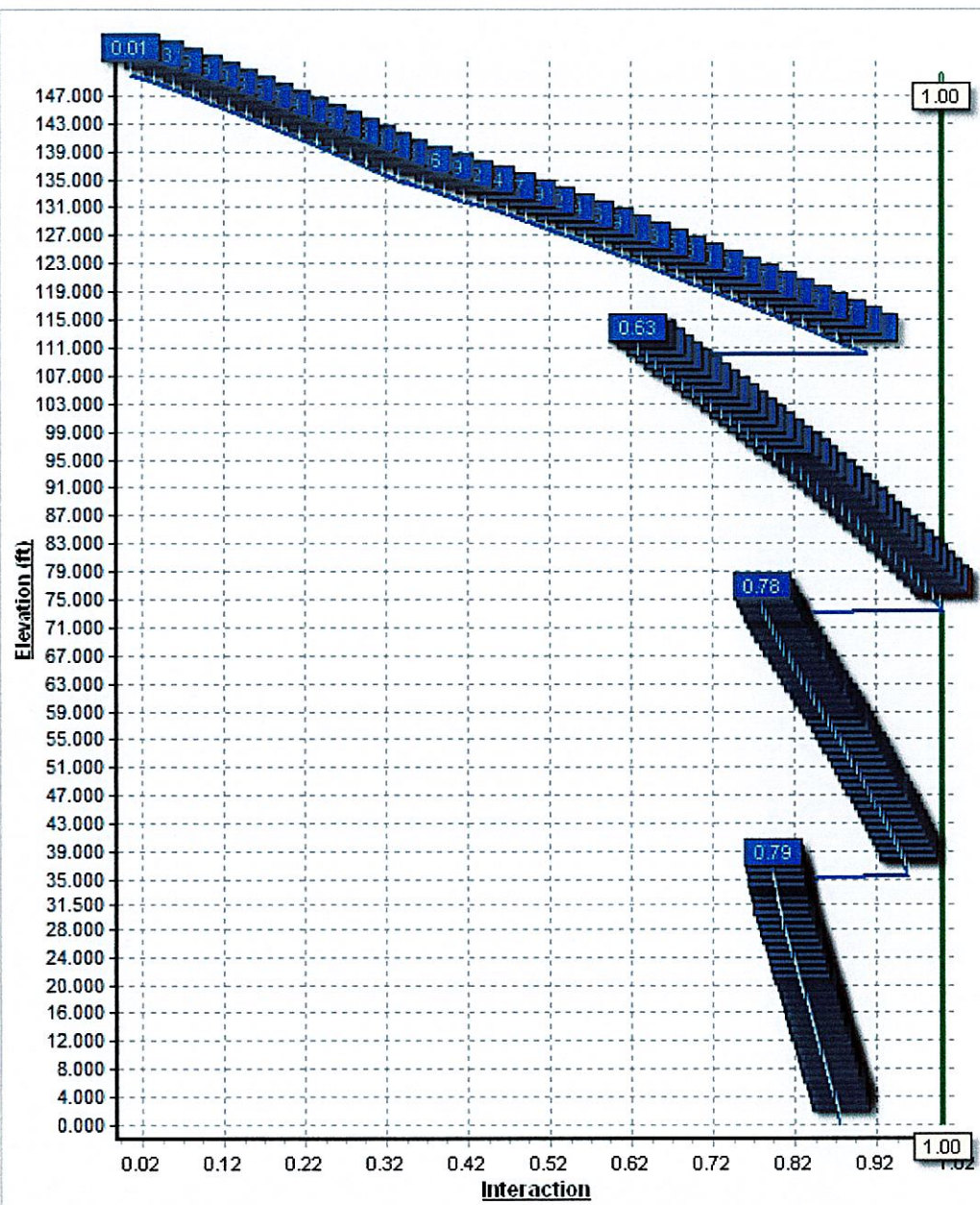
60.00 mph Serviceability

Reactions

Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	2059.23	19.85	27.61
0.9D + 1.6W	1911.09	18.71	20.71
1.2D + 1.0Di + 1.0Wi	609.05	4.79	53.24
1.0D + 1.0W	483.13	4.66	23.02

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	10.00	0.186	0.178



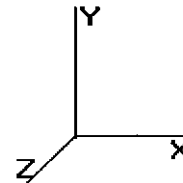
Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Joint Len (in)	Weight (lb)	Bottom			Top			W/t Ratio	D/t Ratio	Taper (in/ft)
							Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio			
1-12	35.667	0.3750	65		0.00	5,014	37.38	0.00	44.68	7810.1	24.03	99.68	31.79	35.67	0.156707
2-12	42.000	0.3130	65	Slip	50.00	4,244	33.07	31.50	33.01	4521.5	25.63	105.65	26.48	73.50	0.156707
3-12	40.000	0.2500	65	Slip	42.00	2,646	27.53	70.00	21.97	2087.5	26.83	110.15	21.26	110.00	0.156707
4-12	40.000	0.1875	65	Butt	0.00	1,475	21.26	110.00	12.73	721.9	27.71	113.43	15.00	150.00	0.156707
Shaft Weight						13,379									

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	Weight (lb)	No Ice CaAa (sf)	CaAa Factor	Weight (lb)	Ice CaAa (sf)	CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
150.00	12' Omni	1	25.00	3.600	1.00	265.22	8.502	1.00	0.000	6.000
150.00	6' Yagi	1	20.00	6.000	1.00	291.97	27.367	1.00	0.000	0.000
150.00	Andrew ABT-DMDF-ADBH	3	1.10	0.050	0.33	10.93	0.203	0.33	0.000	0.000
150.00	Andrew SBNH-1D6565C	1	66.10	11.440	0.70	439.21	13.677	0.70	0.000	0.000
150.00	Ericsson RRUS 11	6	50.00	2.570	0.33	167.51	3.466	0.33	0.000	0.000
150.00	Flat Platform w/ Handrails	1	2000.00	42.400	0.95	3,898.78	70.420	0.95	0.000	0.000
150.00	Powerwave 7770.00A	6	35.00	5.560	0.76	229.82	7.019	0.76	0.000	0.000
150.00	Powerwave P65-17-XLH-RR	3	59.00	11.460	0.67	413.76	13.695	0.67	0.000	0.000
150.00	Powerwave TT19-08BP111-	6	16.00	0.550	0.33	58.23	1.034	0.33	0.000	0.000
150.00	Raycap DC6-48-60-18-8F	1	32.80	1.280	0.50	166.24	3.097	0.50	0.000	0.000
150.00	Telewave ANT450D6-9	1	18.00	4.300	1.00	68.93	9.475	1.00	0.000	2.958
144.00	RFS APXV18-206517S-C	3	26.40	5.160	0.68	198.13	6.846	0.68	0.000	0.000
135.00	Low Profile Platform	1	1500.00	26.100	1.00	2,356.55	51.341	1.00	0.000	0.000
135.00	RFS APX16DWV-16DWV-S-E-	3	39.60	6.080	0.66	224.79	7.531	0.66	0.000	0.000
135.00	RFS ATMAA1412D-1A20	3	13.00	1.170	0.33	65.08	1.596	0.33	0.000	0.000
135.00	RFS ATMP1412D-1CWA	3	12.00	1.170	0.33	61.09	1.607	0.33	0.000	0.000
120.00	Side Arm	1	50.00	4.000	1.00	81.86	6.731	1.00	0.000	0.000
120.00	Telewave ANT450D6-9	1	18.00	4.300	1.00	67.81	9.361	1.00	0.000	2.958
10.00	Channel Master Type 120	1	126.00	20.190	1.00	335.60	23.257	1.00	0.000	0.000
Totals		46	4915.20			13,626.90			Number of Loadings : 19	

Linear Appurtenance Properties

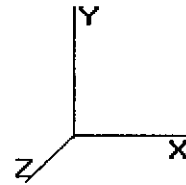
Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	150.00	(12) 1 1/4" Coax	0.00	N
0.00	150.00	(1) 1 5/8 Coax	0.00	N
0.00	150.00	(1) 1/2" Coax	0.00	N
0.00	150.00	(1) 10 mm Cable	0.00	N
0.00	150.00	(2) 19.7 mm Cable	0.00	N
0.00	150.00	(1) 3" Conduit	0.00	N
0.00	150.00	(1) 7/8"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

Pole : 302488
Location : Cntrn - Canton, CT
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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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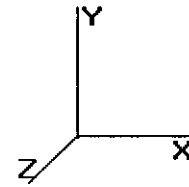
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Segment Properties (Max Len : 1 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)
0.00		0.3750	37.380	44.684	7,810.1	24.03	99.68	78.5	403.6	0.0
1.00		0.3750	37.223	44.494	7,711.3	23.92	99.26	78.6	400.2	151.7
2.00		0.3750	37.067	44.305	7,613.3	23.81	98.84	78.8	396.8	151.1
3.00		0.3750	36.910	44.116	7,516.2	23.69	98.43	78.9	393.4	150.4
4.00		0.3750	36.753	43.927	7,419.9	23.58	98.01	79.0	390.0	149.8
5.00		0.3750	36.596	43.737	7,324.4	23.47	97.59	79.1	386.6	149.2
6.00		0.3750	36.440	43.548	7,229.7	23.36	97.17	79.2	383.3	148.5
7.00		0.3750	36.283	43.359	7,135.9	23.25	96.75	79.4	379.9	147.9
8.00		0.3750	36.126	43.170	7,042.9	23.13	96.34	79.5	376.6	147.2
9.00		0.3750	35.970	42.981	6,950.7	23.02	95.92	79.6	373.3	146.6
10.00		0.3750	35.813	42.791	6,859.3	22.91	95.50	79.7	370.0	145.9
11.00		0.3750	35.656	42.602	6,768.7	22.80	95.08	79.9	366.7	145.3
12.00		0.3750	35.500	42.413	6,678.9	22.69	94.67	80.0	363.5	144.6
13.00		0.3750	35.343	42.224	6,589.9	22.57	94.25	80.1	360.2	144.0
14.00		0.3750	35.186	42.034	6,501.7	22.46	93.83	80.2	357.0	143.4
15.00		0.3750	35.029	41.845	6,414.3	22.35	93.41	80.3	353.7	142.7
16.00		0.3750	34.873	41.656	6,327.7	22.24	92.99	80.5	350.5	142.1
17.00		0.3750	34.716	41.467	6,241.8	22.13	92.58	80.6	347.3	141.4
18.00		0.3750	34.559	41.278	6,156.8	22.01	92.16	80.7	344.2	140.8
19.00		0.3750	34.403	41.088	6,072.5	21.90	91.74	80.8	341.0	140.1
20.00		0.3750	34.246	40.899	5,989.0	21.79	91.32	80.9	337.8	139.5
21.00		0.3750	34.089	40.710	5,906.2	21.68	90.90	81.1	334.7	138.8
22.00		0.3750	33.932	40.521	5,824.2	21.57	90.49	81.2	331.6	138.2
23.00		0.3750	33.776	40.331	5,743.0	21.45	90.07	81.3	328.5	137.6
24.00		0.3750	33.619	40.142	5,662.6	21.34	89.65	81.4	325.4	136.9
25.00		0.3750	33.462	39.953	5,582.9	21.23	89.23	81.6	322.3	136.3
26.00		0.3750	33.306	39.764	5,503.9	21.12	88.81	81.7	319.2	135.6
27.00		0.3750	33.149	39.574	5,425.7	21.01	88.40	81.8	316.2	135.0
28.00		0.3750	32.992	39.385	5,348.3	20.89	87.98	81.9	313.2	134.3
29.00		0.3750	32.835	39.196	5,271.6	20.78	87.56	81.9	310.1	133.7
30.00		0.3750	32.679	39.007	5,195.6	20.67	87.14	81.9	307.1	133.1
31.00		0.3750	32.522	38.818	5,120.3	20.56	86.73	81.9	304.2	132.4
31.50	Bot - Section 2	0.3750	32.444	38.723	5,083.0	20.50	86.52	81.9	302.7	66.0
32.00		0.3750	32.365	38.628	5,045.8	20.45	86.31	81.9	301.2	121.8
33.00		0.3750	32.209	38.439	4,972.0	20.33	85.89	81.9	298.2	242.9
34.00		0.3750	32.052	38.250	4,899.0	20.22	85.47	81.9	295.3	241.7
35.00		0.3750	31.895	38.061	4,826.6	20.11	85.05	81.9	292.3	240.6
35.67	Top - Section 1	0.3130	32.417	32.356	4,256.5	25.07	103.57	77.4	253.7	159.8
36.00		0.3130	32.365	32.303	4,235.8	25.03	103.40	77.4	252.8	36.6
37.00		0.3130	32.208	32.146	4,174.0	24.89	102.90	77.6	250.4	109.7
38.00		0.3130	32.051	31.988	4,112.7	24.76	102.40	77.7	247.9	109.1
39.00		0.3130	31.894	31.830	4,052.1	24.62	101.90	77.9	245.4	108.6
40.00		0.3130	31.738	31.672	3,992.1	24.49	101.40	78.0	243.0	108.0
41.00		0.3130	31.581	31.514	3,932.7	24.36	100.90	78.2	240.6	107.5
42.00		0.3130	31.424	31.356	3,873.8	24.22	100.40	78.3	238.1	107.0
43.00		0.3130	31.268	31.198	3,815.6	24.09	99.90	78.4	235.7	106.4
44.00		0.3130	31.111	31.040	3,757.9	23.95	99.40	78.6	233.4	105.9
45.00		0.3130	30.954	30.882	3,700.9	23.82	98.90	78.7	231.0	105.4
46.00		0.3130	30.797	30.724	3,644.4	23.69	98.39	78.9	228.6	104.8
47.00		0.3130	30.641	30.566	3,588.5	23.55	97.89	79.0	226.2	104.3
48.00		0.3130	30.484	30.408	3,533.1	23.42	97.39	79.2	223.9	103.7
49.00		0.3130	30.327	30.250	3,478.3	23.28	96.89	79.3	221.6	103.2
50.00		0.3130	30.171	30.092	3,424.1	23.15	96.39	79.5	219.3	102.7
51.00		0.3130	30.014	29.934	3,370.5	23.01	95.89	79.6	216.9	102.1
52.00		0.3130	29.857	29.776	3,317.4	22.88	95.39	79.8	214.6	101.6
53.00		0.3130	29.701	29.619	3,264.9	22.75	94.89	79.9	212.4	101.1
54.00		0.3130	29.544	29.461	3,213.0	22.61	94.39	80.1	210.1	100.5
55.00		0.3130	29.387	29.303	3,161.6	22.48	93.89	80.2	207.8	100.0

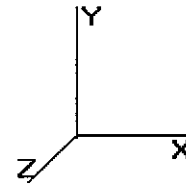
Pole : 302488
Location : Cntrn - Canton, CT
Height : 150.0 (ft)
Base Dia : 37.38 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156707 (in/ft)

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

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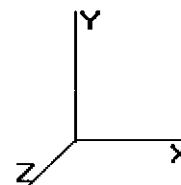


56.00		0.3130	29.230	29.145	3,110.7	22.34	93.39	80.3	205.6	99.4
57.00		0.3130	29.074	28.987	3,060.4	22.21	92.89	80.5	203.4	98.9
58.00		0.3130	28.917	28.829	3,010.7	22.08	92.39	80.6	201.1	98.4
59.00		0.3130	28.760	28.671	2,961.5	21.94	91.89	80.8	198.9	97.8
60.00		0.3130	28.604	28.513	2,912.8	21.81	91.39	80.9	196.7	97.3
61.00		0.3130	28.447	28.355	2,864.7	21.67	90.88	81.1	194.5	96.8
62.00		0.3130	28.290	28.197	2,817.1	21.54	90.38	81.2	192.4	96.2
63.00		0.3130	28.133	28.039	2,770.0	21.40	89.88	81.4	190.2	95.7
64.00		0.3130	27.977	27.881	2,723.4	21.27	89.38	81.5	188.1	95.1
65.00		0.3130	27.820	27.723	2,677.4	21.14	88.88	81.7	185.9	94.6
66.00		0.3130	27.663	27.565	2,631.9	21.00	88.38	81.8	183.8	94.1
67.00		0.3130	27.507	27.407	2,586.9	20.87	87.88	81.9	181.7	93.5
68.00		0.3130	27.350	27.249	2,542.5	20.73	87.38	81.9	179.6	93.0
69.00		0.3130	27.193	27.091	2,498.5	20.60	86.88	81.9	177.5	92.5
70.00		0.3130	27.036	26.934	2,455.1	20.47	86.38	81.9	175.4	91.9
70.00	Bot - Section 3	0.3130	27.036	26.933	2,455.1	20.47	86.38	81.9	175.4	0.0
71.00		0.3130	26.880	26.776	2,412.1	20.33	85.88	81.9	173.4	165.9
72.00		0.3130	26.723	26.618	2,369.7	20.20	85.38	81.9	171.3	164.9
73.00		0.3130	26.566	26.460	2,327.8	20.06	84.88	81.9	169.3	164.0
73.50	Top - Section 2	0.2500	26.988	21.524	1,964.1	26.25	107.95	76.1	140.6	81.7
74.00		0.2500	26.910	21.461	1,946.9	26.16	107.64	76.2	139.8	36.5
75.00		0.2500	26.753	21.335	1,912.8	25.99	107.01	76.4	138.1	72.8
76.00		0.2500	26.596	21.209	1,879.1	25.83	106.39	76.5	136.5	72.4
77.00		0.2500	26.440	21.083	1,845.7	25.66	105.76	76.7	134.9	72.0
78.00		0.2500	26.283	20.956	1,812.8	25.49	105.13	76.9	133.2	71.5
79.00		0.2500	26.126	20.830	1,780.2	25.32	104.50	77.1	131.6	71.1
80.00		0.2500	25.969	20.704	1,748.1	25.15	103.88	77.3	130.0	70.7
81.00		0.2500	25.813	20.578	1,716.3	24.99	103.25	77.5	128.5	70.2
82.00		0.2500	25.656	20.452	1,685.0	24.82	102.62	77.6	126.9	69.8
83.00		0.2500	25.499	20.326	1,654.0	24.65	102.00	77.8	125.3	69.4
84.00		0.2500	25.343	20.200	1,623.4	24.48	101.37	78.0	123.7	68.9
85.00		0.2500	25.186	20.073	1,593.1	24.31	100.74	78.2	122.2	68.5
86.00		0.2500	25.029	19.947	1,563.3	24.15	100.12	78.4	120.7	68.1
87.00		0.2500	24.872	19.821	1,533.8	23.98	99.49	78.6	119.1	67.7
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	19.316	1,419.6	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
100.0		0.2500	22.835	18.181	1,183.7	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	1,135.1	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	975.5	20.28	85.70	81.9	88.0	58.2
110.0		0.2500	21.268	16.920	954.0	20.12	85.07	81.9	86.7	57.8
110.0	Top - Section 3	0.2500	21.268	16.920	954.0	20.12	85.07	81.9	86.7	0.0
110.0	Bot - Section 4	0.1875	21.268	12.727	721.9	27.71	113.43	74.5	65.6	
111.0		0.1875	21.112	12.633	706.0	27.49	112.59	74.7	64.6	43.1
112.0		0.1875	20.955	12.538	690.2	27.27	111.76	75.0	63.6	42.8
113.0		0.1875	20.798	12.444	674.7	27.04	110.92	75.2	62.7	42.5
114.0		0.1875	20.641	12.349	659.4	26.82	110.09	75.5	61.7	42.2
115.0		0.1875	20.485	12.254	644.4	26.59	109.25	75.7	60.8	41.9

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

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

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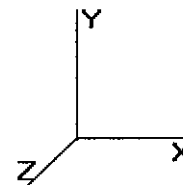
116.0	0.1875	20.328	12.160	629.6	26.37	108.42	76.0	59.8	41.5
117.0	0.1875	20.171	12.065	615.0	26.15	107.58	76.2	58.9	41.2
118.0	0.1875	20.015	11.971	600.6	25.92	106.74	76.4	58.0	40.9
119.0	0.1875	19.858	11.876	586.5	25.70	105.91	76.7	57.1	40.6
120.0	0.1875	19.701	11.781	572.6	25.47	105.07	76.9	56.1	40.3
121.0	0.1875	19.544	11.687	558.9	25.25	104.24	77.2	55.2	39.9
122.0	0.1875	19.388	11.592	545.5	25.03	103.40	77.4	54.4	39.6
123.0	0.1875	19.231	11.498	532.2	24.80	102.57	77.7	53.5	39.3
124.0	0.1875	19.074	11.403	519.2	24.58	101.73	77.9	52.6	39.0
125.0	0.1875	18.918	11.308	506.4	24.35	100.89	78.2	51.7	38.6
126.0	0.1875	18.761	11.214	493.8	24.13	100.06	78.4	50.8	38.3
127.0	0.1875	18.604	11.119	481.4	23.91	99.22	78.6	50.0	38.0
128.0	0.1875	18.447	11.024	469.2	23.68	98.39	78.9	49.1	37.7
129.0	0.1875	18.291	10.930	457.2	23.46	97.55	79.1	48.3	37.4
130.0	0.1875	18.134	10.835	445.4	23.24	96.72	79.4	47.5	37.0
131.0	0.1875	17.977	10.741	433.9	23.01	95.88	79.6	46.6	36.7
132.0	0.1875	17.821	10.646	422.5	22.79	95.04	79.9	45.8	36.4
133.0	0.1875	17.664	10.551	411.3	22.56	94.21	80.1	45.0	36.1
134.0	0.1875	17.507	10.457	400.4	22.34	93.37	80.4	44.2	35.7
135.0	0.1875	17.351	10.362	389.6	22.12	92.54	80.6	43.4	35.4
136.0	0.1875	17.194	10.268	379.0	21.89	91.70	80.8	42.6	35.1
137.0	0.1875	17.037	10.173	368.6	21.67	90.86	81.1	41.8	34.8
138.0	0.1875	16.880	10.078	358.5	21.44	90.03	81.3	41.0	34.5
139.0	0.1875	16.724	9.984	348.5	21.22	89.19	81.6	40.3	34.1
140.0	0.1875	16.567	9.889	338.6	21.00	88.36	81.8	39.5	33.8
141.0	0.1875	16.410	9.795	329.0	20.77	87.52	81.9	38.7	33.5
142.0	0.1875	16.254	9.700	319.6	20.55	86.69	81.9	38.0	33.2
143.0	0.1875	16.097	9.605	310.3	20.32	85.85	81.9	37.2	32.8
144.0	0.1875	15.940	9.511	301.2	20.10	85.01	81.9	36.5	32.5
145.0	0.1875	15.783	9.416	292.3	19.88	84.18	81.9	35.8	32.2
146.0	0.1875	15.627	9.321	283.6	19.65	83.34	81.9	35.1	31.9
147.0	0.1875	15.470	9.227	275.1	19.43	82.51	81.9	34.3	31.6
148.0	0.1875	15.313	9.132	266.7	19.20	81.67	81.9	33.6	31.2
149.0	0.1875	15.157	9.038	258.5	18.98	80.84	81.9	32.9	30.9
150.0	0.1875	15.000	8.943	250.5	18.76	80.00	81.9	32.3	30.6

13,378.9

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

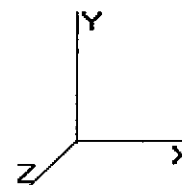
Shaft Segment Forces (Factored)

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

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

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

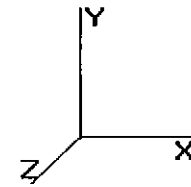
Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

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

* = Cf Adjusted By Linear Load Ra Effect

Totals:

150.00

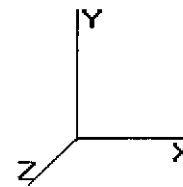
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0.0 16,054.7

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

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

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 Page: 9

Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

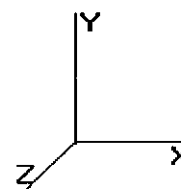
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
10.00	Channel Master Type	1	15.364	16.901	1.00	1.00	20.19	0.000	0.000	545.96	0.00	0.00	151.20
120.0	Side Arm	1	22.850	25.135	1.00	1.00	4.00	0.000	0.000	160.87	0.00	0.00	60.00
120.0	Telewave ANT450D6-9	1	23.010	25.311	1.00	1.00	4.30	0.000	2.958	174.14	0.00	515.15	21.60
135.0	Low Profile Platform	1	23.632	25.996	1.00	1.00	26.10	0.000	0.000	1,085.58	0.00	0.00	1,800.00
135.0	RFS APX16DWV-	3	23.632	25.996	0.53	0.80	9.63	0.000	0.000	400.57	0.00	0.00	142.56
135.0	RFS ATMAA1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	46.80
135.0	RFS ATMPP1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	43.20
144.0	RFS APXV18-206517S-	3	24.072	26.479	0.54	0.80	8.42	0.000	0.000	356.78	0.00	0.00	95.04
150.0	12' Omni	1	24.629	27.092	0.75	0.75	2.70	0.000	6.000	117.04	0.00	702.22	30.00
150.0	6' Yagi	1	24.355	26.790	0.75	0.75	4.50	0.000	0.000	192.89	0.00	0.00	24.00
150.0	Andrew ABT-DMDF-	3	24.355	26.790	0.25	0.75	0.04	0.000	0.000	1.59	0.00	0.00	3.96
150.0	Andrew SBNH-	1	24.355	26.790	0.52	0.75	6.01	0.000	0.000	257.44	0.00	0.00	79.32
150.0	Ericsson RRUS 11	6	24.355	26.790	0.25	0.75	3.82	0.000	0.000	163.59	0.00	0.00	360.00
150.0	Flat Platform w/ Han	1	24.355	26.790	0.95	1.00	40.28	0.000	0.000	1,726.56	0.00	0.00	2,400.00
150.0	Powerwave 7770.00A	6	24.355	26.790	0.57	0.75	19.02	0.000	0.000	815.07	0.00	0.00	252.00
150.0	Powerwave P65-17-	3	24.355	26.790	0.50	0.75	17.28	0.000	0.000	740.52	0.00	0.00	212.40
150.0	Powerwave TT19-	6	24.355	26.790	0.25	0.75	0.82	0.000	0.000	35.01	0.00	0.00	115.20
150.0	Raycap DC6-48-60-18-	1	24.355	26.790	0.38	0.75	0.48	0.000	0.000	20.57	0.00	0.00	39.36
150.0	Telewave ANT450D6-9	1	24.491	26.940	0.75	0.75	3.23	0.000	2.958	139.01	0.00	411.23	21.60
										7,010.26			5,898.24

Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

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

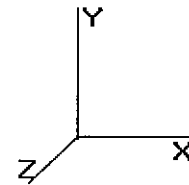
Pole : 302488
Location : Cntrn - Canton, CT
Height : 150.0 (ft)
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Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1
Base Elev : 0.000 (ft)

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

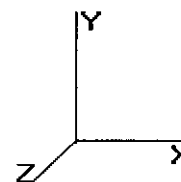
Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

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

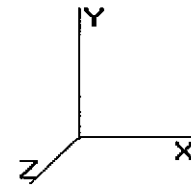


105.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.995	0.173	1.219	0.00	11.81
106.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.055	0.174	1.222	0.00	11.81
107.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.33	0.00	22.114	0.175	1.226	0.00	11.81
108.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.33	0.00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

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

Applied Segment Forces Summary

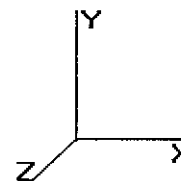
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	87.69	221.44	0.00	0.00
2.00	87.43	220.67	0.00	0.00
3.00	87.17	219.90	0.00	0.00
4.00	86.92	219.12	0.00	0.00
5.00	86.66	218.35	0.00	0.00
6.00	86.41	217.58	0.00	0.00
7.00	86.15	216.80	0.00	0.00
8.00	85.89	216.03	0.00	0.00
9.00	85.64	215.26	0.00	0.00
10.00	631.34	365.69	0.00	0.00
11.00	85.13	213.68	0.00	0.00
12.00	84.87	212.91	0.00	0.00
13.00	84.61	212.13	0.00	0.00
14.00	84.36	211.36	0.00	0.00
15.00	84.10	210.59	0.00	0.00
16.00	83.85	209.81	0.00	0.00
17.00	83.59	209.04	0.00	0.00
18.00	83.33	208.27	0.00	0.00
19.00	83.08	207.50	0.00	0.00
20.00	82.82	206.72	0.00	0.00
21.00	82.57	205.95	0.00	0.00
22.00	82.31	205.18	0.00	0.00
23.00	82.06	204.41	0.00	0.00
24.00	81.80	203.63	0.00	0.00
25.00	81.54	202.86	0.00	0.00
26.00	81.29	202.09	0.00	0.00
27.00	81.03	201.32	0.00	0.00
28.00	80.78	200.54	0.00	0.00
29.00	80.52	199.77	0.00	0.00
30.00	80.33	199.00	0.00	0.00
31.00	80.83	198.22	0.00	0.00
31.50	40.53	98.89	0.00	0.00
32.00	41.38	165.84	0.00	0.00
33.00	83.34	330.84	0.00	0.00
34.00	83.80	329.42	0.00	0.00
35.00	84.23	328.01	0.00	0.00
35.67	56.34	217.99	0.00	0.00
36.00	27.97	57.06	0.00	0.00
37.00	84.48	170.92	0.00	0.00
38.00	84.85	170.27	0.00	0.00
39.00	85.20	169.63	0.00	0.00
40.00	85.54	168.98	0.00	0.00
41.00	85.87	168.34	0.00	0.00
42.00	86.18	167.69	0.00	0.00
43.00	86.48	167.05	0.00	0.00
44.00	86.76	166.40	0.00	0.00
45.00	87.03	165.76	0.00	0.00
46.00	87.29	165.11	0.00	0.00
47.00	87.54	164.47	0.00	0.00

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

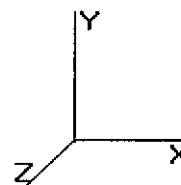
Wind Load Factor : 1.60

48.00	87.77	163.82	0.00	0.00
49.00	88.00	163.18	0.00	0.00
50.00	88.21	162.53	0.00	0.00
51.00	88.41	161.89	0.00	0.00
52.00	88.61	161.24	0.00	0.00
53.00	88.79	160.60	0.00	0.00
54.00	88.96	159.95	0.00	0.00
55.00	89.12	159.31	0.00	0.00
56.00	89.28	158.66	0.00	0.00
57.00	89.42	158.02	0.00	0.00
58.00	89.56	157.37	0.00	0.00
59.00	89.69	156.73	0.00	0.00
60.00	89.81	156.08	0.00	0.00
61.00	89.92	155.44	0.00	0.00
62.00	90.02	154.79	0.00	0.00
63.00	90.12	154.15	0.00	0.00
64.00	90.21	153.50	0.00	0.00
65.00	90.29	152.86	0.00	0.00
66.00	90.36	152.21	0.00	0.00
67.00	90.43	151.57	0.00	0.00
68.00	90.49	150.92	0.00	0.00
69.00	90.54	150.28	0.00	0.00
70.00	90.59	149.63	0.00	0.00
70.00	0.03	0.05	0.00	0.00
71.00	92.28	238.34	0.00	0.00
72.00	92.35	237.26	0.00	0.00
73.00	92.39	236.10	0.00	0.00
73.50	46.19	117.70	0.00	0.00
74.00	45.81	63.50	0.00	0.00
75.00	91.79	126.71	0.00	0.00
76.00	91.80	126.19	0.00	0.00
77.00	91.81	125.68	0.00	0.00
78.00	91.81	125.16	0.00	0.00
79.00	91.81	124.65	0.00	0.00
80.00	91.80	124.13	0.00	0.00
81.00	91.79	123.62	0.00	0.00
82.00	91.77	123.10	0.00	0.00
83.00	91.74	122.59	0.00	0.00
84.00	91.72	122.07	0.00	0.00
85.00	91.68	121.56	0.00	0.00
86.00	91.64	121.04	0.00	0.00
87.00	91.60	120.53	0.00	0.00
88.00	91.55	120.01	0.00	0.00
89.00	91.50	119.50	0.00	0.00
90.00	91.44	118.98	0.00	0.00
91.00	91.38	118.47	0.00	0.00
92.00	91.31	117.95	0.00	0.00
93.00	91.24	117.44	0.00	0.00
94.00	91.16	116.92	0.00	0.00
95.00	91.08	116.41	0.00	0.00
96.00	91.00	115.89	0.00	0.00
97.00	90.91	115.38	0.00	0.00
98.00	90.82	114.86	0.00	0.00
99.00	90.72	114.35	0.00	0.00
100.0	90.62	113.83	0.00	0.00
101.0	90.52	113.32	0.00	0.00
102.0	90.41	112.80	0.00	0.00

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

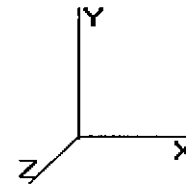
103.0	90.30	112.29	0.00	0.00
104.0	90.18	111.77	0.00	0.00
105.0	90.06	111.25	0.00	0.00
106.0	89.94	110.74	0.00	0.00
107.0	89.81	110.22	0.00	0.00
108.0	89.68	109.71	0.00	0.00
109.0	89.55	109.19	0.00	0.00
110.0	89.41	108.68	0.00	0.00
110.0	0.03	0.04	0.00	0.00
111.0	89.24	91.08	0.00	0.00
112.0	89.12	90.72	0.00	0.00
113.0	88.98	90.34	0.00	0.00
114.0	88.83	89.95	0.00	0.00
115.0	88.67	89.57	0.00	0.00
116.0	88.51	89.18	0.00	0.00
117.0	88.35	88.79	0.00	0.00
118.0	88.19	88.41	0.00	0.00
119.0	88.02	88.02	0.00	0.00
120.0	422.86	169.23	0.00	515.15
121.0	87.68	86.85	0.00	0.00
122.0	87.50	86.46	0.00	0.00
123.0	87.33	86.08	0.00	0.00
124.0	87.14	85.69	0.00	0.00
125.0	96.04	85.31	0.00	0.00
126.0	95.58	84.92	0.00	0.00
127.0	95.12	84.53	0.00	0.00
128.0	94.65	84.15	0.00	0.00
129.0	94.17	83.76	0.00	0.00
130.0	93.70	83.37	0.00	0.00
131.0	93.22	82.99	0.00	0.00
132.0	92.73	82.60	0.00	0.00
133.0	92.24	82.22	0.00	0.00
134.0	91.75	81.83	0.00	0.00
135.0	1,654.48	2,114.00	0.00	0.00
136.0	62.11	69.25	0.00	0.00
137.0	61.67	68.86	0.00	0.00
138.0	61.24	68.48	0.00	0.00
139.0	60.80	68.09	0.00	0.00
140.0	60.35	67.70	0.00	0.00
141.0	59.91	67.32	0.00	0.00
142.0	59.46	66.93	0.00	0.00
143.0	59.01	66.55	0.00	0.00
144.0	415.33	161.20	0.00	0.00
145.0	58.09	59.87	0.00	0.00
146.0	57.63	59.48	0.00	0.00
147.0	57.17	59.10	0.00	0.00
148.0	56.70	58.71	0.00	0.00
149.0	56.23	58.32	0.00	0.00
150.0	4,265.05	3,595.78	0.00	1,113.46
Totals:	19,830.73	27,628.89	0.00	1,628.61

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

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

Wind Importance Factor : 1.00

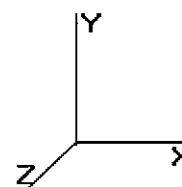
Calculated Forces

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	-27.61	-19.85	0.00	-2,059.23	0.00	2,059.23	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.875
1.00	-27.37	-19.79	0.00	-2,039.38	0.00	2,039.38	3,148.69	1,574.34	4,778.83	2,360.09	0.01	-0.07	0.873
2.00	-27.12	-19.74	0.00	-2,019.59	0.00	2,019.59	3,140.16	1,570.08	4,745.43	2,343.59	0.03	-0.15	0.871
3.00	-26.88	-19.69	0.00	-1,999.85	0.00	1,999.85	3,131.60	1,565.80	4,712.07	2,327.11	0.07	-0.22	0.868
4.00	-26.63	-19.64	0.00	-1,980.16	0.00	1,980.16	3,123.00	1,561.50	4,678.76	2,310.67	0.13	-0.30	0.866
5.00	-26.39	-19.58	0.00	-1,960.52	0.00	1,960.52	3,114.35	1,557.18	4,645.51	2,294.24	0.20	-0.38	0.863
6.00	-26.15	-19.53	0.00	-1,940.94	0.00	1,940.94	3,105.66	1,552.83	4,612.30	2,277.84	0.29	-0.45	0.861
7.00	-25.90	-19.48	0.00	-1,921.41	0.00	1,921.41	3,096.94	1,548.47	4,579.15	2,261.47	0.39	-0.53	0.858
8.00	-25.66	-19.42	0.00	-1,901.93	0.00	1,901.93	3,088.17	1,544.08	4,546.04	2,245.12	0.51	-0.60	0.856
9.00	-25.42	-19.37	0.00	-1,882.51	0.00	1,882.51	3,079.35	1,539.68	4,513.00	2,228.80	0.64	-0.68	0.853
10.00	-25.04	-18.77	0.00	-1,863.14	0.00	1,863.14	3,070.50	1,535.25	4,480.00	2,212.50	0.79	-0.76	0.850
11.00	-24.80	-18.71	0.00	-1,844.38	0.00	1,844.38	3,061.60	1,530.80	4,447.06	2,196.24	0.96	-0.83	0.848
12.00	-24.56	-18.66	0.00	-1,825.66	0.00	1,825.66	3,052.67	1,526.33	4,414.18	2,180.00	1.14	-0.91	0.846
13.00	-24.33	-18.60	0.00	-1,807.01	0.00	1,807.01	3,043.69	1,521.84	4,381.36	2,163.79	1.34	-0.99	0.843
14.00	-24.09	-18.55	0.00	-1,788.41	0.00	1,788.41	3,034.67	1,517.33	4,348.59	2,147.60	1.56	-1.07	0.841
15.00	-23.86	-18.49	0.00	-1,769.86	0.00	1,769.86	3,025.61	1,512.80	4,315.88	2,131.45	1.79	-1.14	0.838
16.00	-23.63	-18.43	0.00	-1,751.37	0.00	1,751.37	3,016.50	1,508.25	4,283.22	2,115.32	2.04	-1.22	0.836
17.00	-23.39	-18.38	0.00	-1,732.94	0.00	1,732.94	3,007.36	1,503.68	4,250.63	2,099.23	2.30	-1.30	0.833
18.00	-23.16	-18.32	0.00	-1,714.56	0.00	1,714.56	2,998.17	1,499.09	4,218.10	2,083.16	2.58	-1.38	0.831
19.00	-22.93	-18.27	0.00	-1,696.24	0.00	1,696.24	2,988.94	1,494.47	4,185.63	2,067.13	2.88	-1.46	0.828
20.00	-22.70	-18.21	0.00	-1,677.97	0.00	1,677.97	2,979.67	1,489.84	4,153.23	2,051.12	3.19	-1.54	0.826
21.00	-22.47	-18.15	0.00	-1,659.77	0.00	1,659.77	2,970.36	1,485.18	4,120.88	2,035.15	3.52	-1.62	0.823
22.00	-22.25	-18.09	0.00	-1,641.61	0.00	1,641.61	2,961.01	1,480.50	4,088.60	2,019.21	3.87	-1.70	0.821
23.00	-22.02	-18.04	0.00	-1,623.52	0.00	1,623.52	2,951.61	1,475.81	4,056.39	2,003.30	4.23	-1.77	0.818
24.00	-21.79	-17.98	0.00	-1,605.48	0.00	1,605.48	2,942.18	1,471.09	4,024.24	1,987.42	4.61	-1.85	0.815
25.00	-21.57	-17.92	0.00	-1,587.51	0.00	1,587.51	2,932.70	1,466.35	3,992.16	1,971.58	5.01	-1.94	0.813
26.00	-21.34	-17.86	0.00	-1,569.58	0.00	1,569.58	2,923.18	1,461.59	3,960.14	1,955.76	5.43	-2.02	0.810
27.00	-21.12	-17.80	0.00	-1,551.72	0.00	1,551.72	2,913.62	1,456.81	3,928.19	1,939.99	5.86	-2.10	0.807
28.00	-20.90	-17.75	0.00	-1,533.92	0.00	1,533.92	2,903.09	1,451.54	3,895.07	1,923.63	6.30	-2.18	0.805
29.00	-20.68	-17.69	0.00	-1,516.17	0.00	1,516.17	2,889.14	1,444.57	3,857.52	1,905.08	6.77	-2.26	0.803
30.00	-20.46	-17.63	0.00	-1,498.49	0.00	1,498.49	2,875.19	1,437.60	3,820.15	1,886.63	7.25	-2.34	0.802
31.00	-20.24	-17.56	0.00	-1,480.86	0.00	1,480.86	2,861.24	1,430.62	3,782.96	1,868.26	7.75	-2.42	0.800
31.50	-20.13	-17.53	0.00	-1,472.07	0.00	1,472.07	2,854.27	1,427.13	3,764.43	1,859.11	8.01	-2.46	0.799
32.00	-19.95	-17.50	0.00	-1,463.31	0.00	1,463.31	2,847.30	1,423.65	3,745.96	1,849.99	8.27	-2.50	0.798
33.00	-19.60	-17.43	0.00	-1,445.81	0.00	1,445.81	2,833.35	1,416.67	3,709.14	1,831.80	8.80	-2.59	0.796
34.00	-19.25	-17.36	0.00	-1,428.38	0.00	1,428.38	2,819.40	1,409.70	3,672.50	1,813.71	9.35	-2.67	0.795
35.00	-18.90	-17.29	0.00	-1,411.02	0.00	1,411.02	2,805.45	1,402.73	3,636.04	1,795.70	9.92	-2.75	0.793
35.67	-18.68	-17.23	0.00	-1,399.49	0.00	1,399.49	2,253.07	1,126.53	2,980.49	1,471.95	10.30	-2.81	0.959
36.00	-18.60	-17.22	0.00	-1,393.75	0.00	1,393.75	2,250.82	1,125.41	2,972.64	1,468.07	10.50	-2.83	0.958
37.00	-18.41	-17.16	0.00	-1,376.53	0.00	1,376.53	2,244.05	1,122.03	2,949.06	1,456.43	11.10	-2.93	0.954
38.00	-18.21	-17.09	0.00	-1,359.37	0.00	1,359.37	2,237.24	1,118.62	2,925.52	1,444.81	11.73	-3.02	0.949
39.00	-18.02	-17.03	0.00	-1,342.28	0.00	1,342.28	2,230.38	1,115.19	2,902.02	1,433.20	12.37	-3.11	0.945
40.00	-17.83	-16.96	0.00	-1,325.25	0.00	1,325.25	2,223.48	1,111.74	2,878.55	1,421.61	13.03	-3.21	0.940
41.00	-17.64	-16.90	0.00	-1,308.28	0.00	1,308.28	2,216.55	1,108.27	2,855.12	1,410.03	13.71	-3.30	0.936
42.00	-17.45	-16.83	0.00	-1,291.39	0.00	1,291.39	2,209.57	1,104.78	2,831.72	1,398.48	14.41	-3.39	0.932
43.00	-17.26	-16.76	0.00	-1,274.56	0.00	1,274.56	2,202.55	1,101.27	2,808.36	1,386.94	15.13	-3.49	0.927
44.00	-17.07	-16.69	0.00	-1,257.80	0.00	1,257.80	2,195.48	1,097.74	2,785.04	1,375.43	15.87	-3.58	0.922
45.00	-16.88	-16.62	0.00	-1,241.10	0.00	1,241.10	2,188.38	1,094.19	2,761.76	1,363.93	16.63	-3.68	0.918
46.00	-16.70	-16.55	0.00	-1,224.48	0.00	1,224.48	2,181.23	1,090.62	2,738.52	1,352.45	17.41	-3.77	0.913
47.00	-16.51	-16.48	0.00	-1,207.92	0.00	1,207.92	2,174.04	1,087.02	2,715.33	1,341.00	18.21	-3.87	0.909
48.00	-16.33	-16.41	0.00	-1,191.44	0.00	1,191.44	2,166.81	1,083.41	2,692.17	1,329.56	19.03	-3.96	0.904

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

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

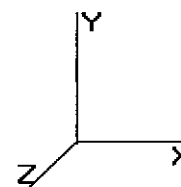
Wind Load Factor : 1.60

104.00	-7.65	-11.63	0.00	-398.85	0.00	398.85	1,299.38	649.69	1,173.80	579.70	98.53	-9.80	0.694
105.00	-7.53	-11.54	0.00	-387.22	0.00	387.22	1,293.00	646.50	1,159.61	572.69	100.58	-9.90	0.682
106.00	-7.42	-11.44	0.00	-375.68	0.00	375.68	1,284.34	642.17	1,143.47	564.72	102.66	-10.00	0.671
107.00	-7.31	-11.35	0.00	-364.24	0.00	364.24	1,275.04	637.52	1,126.88	556.52	104.75	-10.10	0.661
108.00	-7.20	-11.25	0.00	-352.90	0.00	352.90	1,265.74	632.87	1,110.41	548.39	106.87	-10.20	0.650
109.00	-7.08	-11.16	0.00	-341.64	0.00	341.64	1,256.45	628.22	1,094.06	540.31	109.00	-10.30	0.638
110.00	-6.98	-11.06	0.00	-330.49	0.00	330.49	1,247.15	623.57	1,077.83	532.30	111.16	-10.40	0.627
110.00	-6.97	-11.06	0.00	-330.48	0.00	330.48	1,247.14	623.57	1,077.83	532.30	111.16	-10.40	0.627
110.00	-6.97	-11.06	0.00	-330.48	0.00	330.48	853.24	426.62	741.79	366.34	111.16	-10.40	0.911
111.00	-6.88	-10.97	0.00	-319.42	0.00	319.42	849.68	424.84	733.16	362.08	113.34	-10.50	0.891
112.00	-6.78	-10.88	0.00	-308.45	0.00	308.45	846.07	423.04	724.53	357.82	115.54	-10.62	0.871
113.00	-6.69	-10.79	0.00	-297.57	0.00	297.57	842.42	421.21	715.91	353.56	117.76	-10.75	0.850
114.00	-6.59	-10.70	0.00	-286.78	0.00	286.78	838.73	419.37	707.31	349.31	120.01	-10.87	0.829
115.00	-6.50	-10.61	0.00	-276.08	0.00	276.08	835.00	417.50	698.72	345.07	122.29	-10.99	0.808
116.00	-6.41	-10.52	0.00	-265.47	0.00	265.47	831.23	415.61	690.14	340.83	124.59	-11.11	0.787
117.00	-6.32	-10.43	0.00	-254.95	0.00	254.95	827.41	413.71	681.58	336.61	126.92	-11.23	0.766
118.00	-6.23	-10.34	0.00	-244.52	0.00	244.52	823.55	411.78	673.03	332.38	129.27	-11.35	0.744
119.00	-6.14	-10.25	0.00	-234.18	0.00	234.18	819.65	409.83	664.50	328.17	131.64	-11.46	0.722
120.00	-6.04	-9.81	0.00	-223.42	0.00	223.42	815.71	407.86	655.99	323.97	134.04	-11.57	0.698
121.00	-5.95	-9.72	0.00	-213.61	0.00	213.61	811.73	405.87	647.49	319.77	136.46	-11.68	0.676
122.00	-5.87	-9.63	0.00	-203.89	0.00	203.89	807.71	403.85	639.02	315.59	138.90	-11.78	0.654
123.00	-5.78	-9.53	0.00	-194.26	0.00	194.26	803.64	401.82	630.56	311.41	141.36	-11.89	0.632
124.00	-5.70	-9.44	0.00	-184.73	0.00	184.73	799.54	399.77	622.13	307.25	143.84	-11.99	0.609
125.00	-5.62	-9.34	0.00	-175.29	0.00	175.29	795.39	397.69	613.72	303.09	146.34	-12.09	0.586
126.00	-5.54	-9.24	0.00	-165.95	0.00	165.95	791.20	395.60	605.32	298.95	148.87	-12.18	0.563
127.00	-5.47	-9.13	0.00	-156.72	0.00	156.72	786.97	393.48	596.96	294.81	151.41	-12.28	0.539
128.00	-5.39	-9.03	0.00	-147.58	0.00	147.58	782.70	391.35	588.61	290.69	153.97	-12.37	0.515
129.00	-5.32	-8.93	0.00	-138.55	0.00	138.55	778.38	389.19	580.29	286.58	156.55	-12.45	0.491
130.00	-5.24	-8.83	0.00	-129.62	0.00	129.62	774.03	387.01	572.00	282.49	159.15	-12.54	0.466
131.00	-5.17	-8.73	0.00	-120.79	0.00	120.79	769.63	384.81	563.73	278.41	161.76	-12.62	0.441
132.00	-5.10	-8.62	0.00	-112.07	0.00	112.07	765.19	382.59	555.49	274.34	164.39	-12.69	0.416
133.00	-5.03	-8.52	0.00	-103.44	0.00	103.44	760.71	380.35	547.28	270.28	167.04	-12.77	0.390
134.00	-4.96	-8.42	0.00	-94.92	0.00	94.92	756.19	378.09	539.10	266.24	169.70	-12.83	0.364
135.00	-3.26	-6.34	0.00	-86.50	0.00	86.50	751.62	375.81	530.94	262.21	172.37	-12.90	0.335
136.00	-3.20	-6.27	0.00	-80.16	0.00	80.16	747.02	373.51	522.82	258.20	175.06	-12.96	0.315
137.00	-3.14	-6.20	0.00	-73.89	0.00	73.89	742.37	371.18	514.73	254.20	177.75	-13.02	0.295
138.00	-3.08	-6.12	0.00	-67.70	0.00	67.70	737.68	368.84	506.67	250.22	180.46	-13.07	0.275
139.00	-3.02	-6.05	0.00	-61.58	0.00	61.58	732.95	366.47	498.64	246.26	183.18	-13.12	0.254
140.00	-2.97	-5.98	0.00	-55.52	0.00	55.52	728.18	364.09	490.64	242.31	185.91	-13.17	0.233
141.00	-2.91	-5.91	0.00	-49.55	0.00	49.55	721.95	360.98	481.74	237.92	188.65	-13.22	0.213
142.00	-2.85	-5.84	0.00	-43.64	0.00	43.64	714.98	357.49	472.43	233.32	191.40	-13.26	0.191
143.00	-2.80	-5.77	0.00	-37.80	0.00	37.80	708.01	354.00	463.21	228.76	194.16	-13.29	0.169
144.00	-2.74	-5.33	0.00	-32.04	0.00	32.04	701.03	350.52	454.07	224.25	196.92	-13.32	0.147
145.00	-2.69	-5.26	0.00	-26.71	0.00	26.71	694.06	347.03	445.03	219.78	199.69	-13.35	0.126
146.00	-2.64	-5.19	0.00	-21.45	0.00	21.45	687.08	343.54	436.08	215.36	202.46	-13.38	0.104
147.00	-2.60	-5.12	0.00	-16.27	0.00	16.27	680.11	340.05	427.22	210.99	205.24	-13.39	0.081
148.00	-2.55	-5.05	0.00	-11.15	0.00	11.15	673.14	336.57	418.45	206.66	208.02	-13.41	0.058
149.00	-2.51	-4.98	0.00	-6.10	0.00	6.10	666.16	333.08	409.77	202.37	210.81	-13.42	0.034
150.00	0.00	-4.27	0.00	-1.11	0.00	1.11	659.19	329.59	401.19	198.13	213.59	-13.42	0.006

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

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Shaft Segment Forces (Factored)

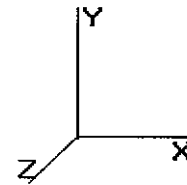
Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	15.364	16.90	256.32	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	15.364	16.90	255.24	1.000	* 0.000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

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

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

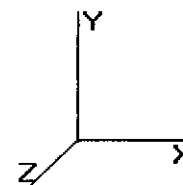
Wind Load Factor : 1.60

49.00		1.00	0.80	17.691	19.46	223.15	1.000	* 0.000	1.00	2.623	2.62	81.7	0.0	92.9
50.00		1.00	0.81	17.793	19.57	222.64	1.000	* 0.000	1.00	2.610	2.61	81.7	0.0	92.4
51.00		1.00	0.81	17.894	19.68	222.11	1.000	* 0.000	1.00	2.596	2.60	81.8	0.0	91.9
52.00		1.00	0.82	17.994	19.79	221.56	1.000	* 0.000	1.00	2.583	2.58	81.8	0.0	91.4
53.00		1.00	0.82	18.092	19.90	221.00	1.000	* 0.000	1.00	2.569	2.57	81.8	0.0	90.9
54.00		1.00	0.82	18.189	20.00	220.42	1.000	* 0.000	1.00	2.556	2.56	81.8	0.0	90.5
55.00		1.00	0.83	18.285	20.11	219.83	1.000	* 0.000	1.00	2.542	2.54	81.8	0.0	90.0
56.00		1.00	0.83	18.379	20.21	219.22	1.000	* 0.000	1.00	2.529	2.53	81.8	0.0	89.5
57.00		1.00	0.84	18.472	20.31	218.60	1.000	* 0.000	1.00	2.515	2.52	81.8	0.0	89.0
58.00		1.00	0.84	18.564	20.42	217.96	1.000	* 0.000	1.00	2.502	2.50	81.7	0.0	88.5
59.00		1.00	0.85	18.655	20.52	217.31	1.000	* 0.000	1.00	2.488	2.49	81.7	0.0	88.0
60.00		1.00	0.85	18.745	20.61	216.64	1.000	* 0.000	1.00	2.474	2.47	81.6	0.0	87.6
61.00		1.00	0.85	18.834	20.71	215.97	1.000	* 0.000	1.00	2.461	2.46	81.6	0.0	87.1
62.00		1.00	0.86	18.921	20.81	215.28	1.000	* 0.000	1.00	2.447	2.45	81.5	0.0	86.6
63.00		1.00	0.86	19.008	20.90	214.57	1.000	* 0.000	1.00	2.434	2.43	81.4	0.0	86.1
64.00		1.00	0.87	19.094	21.00	213.86	1.000	* 0.000	1.00	2.420	2.42	81.3	0.0	85.6
65.00		1.00	0.87	19.179	21.09	213.13	1.000	* 0.000	1.00	2.407	2.41	81.2	0.0	85.1
66.00		1.00	0.87	19.262	21.18	212.39	1.000	* 0.000	1.00	2.393	2.39	81.1	0.0	84.7
67.00		1.00	0.88	19.345	21.28	211.65	1.000	* 0.000	1.00	2.380	2.38	81.0	0.0	84.2
68.00		1.00	0.88	19.427	21.37	210.89	1.000	* 0.000	1.00	2.366	2.37	80.9	0.0	83.7
69.00		1.00	0.88	19.509	21.45	210.12	1.000	* 0.000	1.00	2.353	2.35	80.8	0.0	83.2
70.00		1.00	0.89	19.589	21.54	209.33	1.000	* 0.000	1.00	2.339	2.34	80.7	0.0	82.7
70.00	Bot - Section 3	1.00	0.89	19.589	21.54	209.33	1.000	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
71.00		1.00	0.89	19.669	21.63	208.54	1.000	* 0.000	1.00	2.368	2.37	82.0	0.0	149.3
72.00		1.00	0.90	19.747	21.72	207.74	1.000	* 0.000	1.00	2.355	2.36	81.9	0.0	148.4
73.00		1.00	0.90	19.825	21.80	206.93	1.000	* 0.000	1.00	2.342	2.34	81.7	0.0	147.6
73.50	Top - Section 2	1.00	0.90	19.864	21.85	206.52	1.000	* 0.000	0.50	1.167	1.17	40.8	0.0	73.5
74.00		1.00	0.90	19.902	21.89	210.01	1.000	* 0.000	0.50	1.162	1.16	40.7	0.0	32.9
75.00		1.00	0.91	19.979	21.97	209.19	1.000	* 0.000	1.00	2.315	2.31	81.4	0.0	65.5
76.00		1.00	0.91	20.055	22.06	208.36	1.000	* 0.000	1.00	2.301	2.30	81.2	0.0	65.1
77.00		1.00	0.91	20.130	22.14	207.52	1.000	* 0.000	1.00	2.288	2.29	81.1	0.0	64.8
78.00		1.00	0.92	20.204	22.22	206.67	1.000	* 0.000	1.00	2.274	2.27	80.9	0.0	64.4
79.00		1.00	0.92	20.278	22.30	205.81	1.000	* 0.000	1.00	2.261	2.26	80.7	0.0	64.0
80.00		1.00	0.92	20.351	22.38	204.94	1.000	* 0.000	1.00	2.247	2.25	80.5	0.0	63.6
81.00		1.00	0.93	20.423	22.46	204.07	1.000	* 0.000	1.00	2.234	2.23	80.3	0.0	63.2
82.00		1.00	0.93	20.495	22.54	203.19	1.000	* 0.000	1.00	2.220	2.22	80.1	0.0	62.8
83.00		1.00	0.93	20.566	22.62	202.30	1.000	* 0.000	1.00	2.207	2.21	79.9	0.0	62.4
84.00		1.00	0.94	20.636	22.70	201.40	1.000	* 0.000	1.00	2.193	2.19	79.7	0.0	62.1
85.00		1.00	0.94	20.706	22.77	200.49	1.000	* 0.000	1.00	2.180	2.18	79.4	0.0	61.7
86.00		1.00	0.94	20.776	22.85	199.58	1.000	* 0.000	1.00	2.166	2.17	79.2	0.0	61.3
87.00		1.00	0.95	20.844	22.92	198.65	1.000	* 0.000	1.00	2.153	2.15	79.0	0.0	60.9
88.00		1.00	0.95	20.913	23.00	197.72	1.000	* 0.000	1.00	2.139	2.14	78.7	0.0	60.5
89.00		1.00	0.95	20.980	23.07	196.79	1.000	* 0.000	1.00	2.126	2.13	78.5	0.0	60.1
90.00		1.00	0.95	21.047	23.15	195.85	1.000	* 0.000	1.00	2.112	2.11	78.2	0.0	59.7
91.00		1.00	0.96	21.114	23.22	194.89	1.000	* 0.000	1.00	2.099	2.10	78.0	0.0	59.3
92.00		1.00	0.96	21.180	23.29	193.94	1.000	* 0.000	1.00	2.085	2.08	77.7	0.0	59.0
93.00		1.00	0.96	21.245	23.37	192.97	1.000	* 0.000	1.00	2.071	2.07	77.5	0.0	58.6
94.00		1.00	0.97	21.310	23.44	192.00	1.000	* 0.000	1.00	2.058	2.06	77.2	0.0	58.2
95.00		1.00	0.97	21.375	23.51	191.03	1.000	* 0.000	1.00	2.044	2.04	76.9	0.0	57.8
96.00		1.00	0.97	21.439	23.58	190.04	1.000	* 0.000	1.00	2.031	2.03	76.6	0.0	57.4
97.00		1.00	0.98	21.503	23.65	189.05	1.000	* 0.000	1.00	2.017	2.02	76.3	0.0	57.0
98.00		1.00	0.98	21.566	23.72	188.06	1.000	* 0.000	1.00	2.004	2.00	76.1	0.0	56.6
99.00		1.00	0.98	21.628	23.79	187.06	1.000	* 0.000	1.00	1.990	1.99	75.8	0.0	56.3
100.0		1.00	0.98	21.690	23.86	186.05	1.000	* 0.000	1.00	1.977	1.98	75.5	0.0	55.9
101.0		1.00	0.99	21.752	23.92	185.03	1.000	* 0.000	1.00	1.963	1.96	75.2	0.0	55.5
102.0		1.00	0.99	21.814	23.99	184.01	1.000	* 0.000	1.00	1.950	1.95	74.9	0.0	55.1
103.0		1.00	0.99	21.874	24.06	182.99	1.000	* 0.000	1.00	1.936	1.94	74.5	0.0	54.7

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

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

104.0		1.00	0.99	21.935	24.12	181.96	1.000	* 0.000	1.00	1.923	1.92	74.2	0.0	54.3
105.0		1.00	1.00	21.995	24.19	180.92	1.000	* 0.000	1.00	1.909	1.91	73.9	0.0	53.9
106.0		1.00	1.00	22.055	24.26	179.88	1.000	* 0.000	1.00	1.896	1.90	73.6	0.0	53.6
107.0		1.00	1.00	22.114	24.32	178.83	1.000	* 0.000	1.00	1.882	1.88	73.3	0.0	53.2
108.0		1.00	1.01	22.173	24.39	177.78	1.000	* 0.000	1.00	1.869	1.87	72.9	0.0	52.8
109.0		1.00	1.01	22.231	24.45	176.72	1.000	* 0.000	1.00	1.855	1.86	72.6	0.0	52.4
110.0		1.00	1.01	22.289	24.51	175.66	1.000	* 0.000	1.00	1.842	1.84	72.2	0.0	52.0
110.0	Top - Section 3	1.00	1.01	22.289	24.51	175.65	1.000	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
111.0		1.00	1.01	22.347	24.58	174.59	1.000	* 0.000	1.00	1.827	1.83	71.9	0.0	38.8
112.0		1.00	1.02	22.404	24.64	173.51	1.000	* 0.000	1.00	1.815	1.81	71.6	0.0	38.5
113.0		1.00	1.02	22.461	24.70	172.43	1.000	* 0.000	1.00	1.801	1.80	71.2	0.0	38.3
114.0		1.00	1.02	22.518	24.77	171.35	1.000	* 0.000	1.00	1.788	1.79	70.8	0.0	38.0
115.0		1.00	1.02	22.574	24.83	170.26	1.000	* 0.000	1.00	1.774	1.77	70.5	0.0	37.7
116.0		1.00	1.03	22.630	24.89	169.17	1.000	* 0.000	1.00	1.761	1.76	70.1	0.0	37.4
117.0		1.00	1.03	22.686	24.95	168.07	1.000	* 0.000	1.00	1.747	1.75	69.8	0.0	37.1
118.0		1.00	1.03	22.741	25.01	166.97	1.000	* 0.000	1.00	1.733	1.73	69.4	0.0	36.8
119.0		1.00	1.03	22.796	25.07	165.86	1.000	* 0.000	1.00	1.720	1.72	69.0	0.0	36.5
120.0	Appertunance(s)	1.00	1.04	22.850	25.13	164.75	1.000	* 0.000	1.00	1.706	1.71	68.6	0.0	36.2
121.0		1.00	1.04	22.905	25.19	163.63	1.000	* 0.000	1.00	1.693	1.69	68.2	0.0	35.9
122.0		1.00	1.04	22.959	25.25	162.51	1.000	* 0.000	1.00	1.679	1.68	67.9	0.0	35.6
123.0		1.00	1.04	23.012	25.31	161.38	1.000	* 0.000	1.00	1.666	1.67	67.5	0.0	35.4
124.0		1.00	1.05	23.065	25.37	160.25	1.000	* 0.000	1.00	1.652	1.65	67.1	0.0	35.1
125.0		1.00	1.05	23.118	25.43	159.12	1.200	* 0.000	1.00	1.639	1.97	80.0	0.0	34.8
126.0		1.00	1.05	23.171	25.48	157.98	1.200	* 0.000	1.00	1.625	1.95	79.5	0.0	34.5
127.0		1.00	1.05	23.223	25.54	156.84	1.200	* 0.000	1.00	1.612	1.93	79.1	0.0	34.2
128.0		1.00	1.06	23.276	25.60	155.69	1.200	* 0.000	1.00	1.598	1.92	78.6	0.0	33.9
129.0		1.00	1.06	23.327	25.66	154.54	1.200	* 0.000	1.00	1.585	1.90	78.1	0.0	33.6
130.0		1.00	1.06	23.379	25.71	153.39	1.200	* 0.000	1.00	1.571	1.89	77.6	0.0	33.3
131.0		1.00	1.06	23.430	25.77	152.23	1.200	* 0.000	1.00	1.558	1.87	77.1	0.0	33.0
132.0		1.00	1.07	23.481	25.82	151.06	1.200	* 0.000	1.00	1.544	1.85	76.6	0.0	32.7
133.0		1.00	1.07	23.532	25.88	149.90	1.200	* 0.000	1.00	1.531	1.84	76.1	0.0	32.5
134.0		1.00	1.07	23.582	25.94	148.73	1.200	* 0.000	1.00	1.517	1.82	75.6	0.0	32.2
135.0	Appertunance(s)	1.00	1.07	23.632	25.99	147.55	1.200	* 0.000	1.00	1.504	1.80	75.0	0.0	31.9
136.0		1.00	1.07	23.682	26.05	146.37	1.000	0.000	1.00	1.490	1.49	62.1	0.0	31.6
137.0		1.00	1.08	23.732	26.10	145.19	1.000	0.000	1.00	1.477	1.48	61.7	0.0	31.3
138.0		1.00	1.08	23.781	26.15	144.01	1.000	0.000	1.00	1.463	1.46	61.2	0.0	31.0
139.0		1.00	1.08	23.830	26.21	142.82	1.000	0.000	1.00	1.450	1.45	60.8	0.0	30.7
140.0		1.00	1.08	23.879	26.26	141.62	1.000	0.000	1.00	1.436	1.44	60.4	0.0	30.4
141.0		1.00	1.09	23.928	26.32	140.43	1.000	0.000	1.00	1.423	1.42	59.9	0.0	30.1
142.0		1.00	1.09	23.976	26.37	139.23	1.000	0.000	1.00	1.409	1.41	59.5	0.0	29.9
143.0		1.00	1.09	24.024	26.42	138.02	1.000	0.000	1.00	1.395	1.40	59.0	0.0	29.6
144.0	Appertunance(s)	1.00	1.09	24.072	26.47	136.81	1.000	0.000	1.00	1.382	1.38	58.5	0.0	29.3
145.0		1.00	1.09	24.120	26.53	135.60	1.000	0.000	1.00	1.368	1.37	58.1	0.0	29.0
146.0		1.00	1.10	24.167	26.58	134.39	1.000	0.000	1.00	1.355	1.35	57.6	0.0	28.7
147.0		1.00	1.10	24.214	26.63	133.17	1.000	0.000	1.00	1.341	1.34	57.2	0.0	28.4
148.0		1.00	1.10	24.261	26.68	131.95	1.000	0.000	1.00	1.328	1.33	56.7	0.0	28.1
149.0		1.00	1.10	24.308	26.73	130.72	1.000	0.000	1.00	1.314	1.31	56.2	0.0	27.8
150.0	Appertunance(s)	1.00	1.11	24.355	26.79	129.50	1.000	0.000	1.00	1.301	1.30	55.8	0.0	27.5

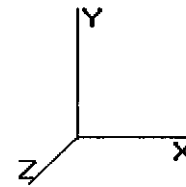
* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 11,509.7 0.0 12,041.0

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

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

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 Page: 22

Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

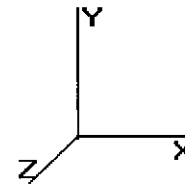
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
10.00	Channel Master Type	1	15.364	16.901	1.00	1.00	20.19	0.000	0.000	545.96	0.00	0.00	113.40
120.0	Side Arm	1	22.850	25.135	1.00	1.00	4.00	0.000	0.000	160.87	0.00	0.00	45.00
120.0	Telewave ANT450D6-9	1	23.010	25.311	1.00	1.00	4.30	0.000	2.958	174.14	0.00	515.15	16.20
135.0	Low Profile Platform	1	23.632	25.996	1.00	1.00	26.10	0.000	0.000	1,085.58	0.00	0.00	1,350.00
135.0	RFS APX16DWV-	3	23.632	25.996	0.53	0.80	9.63	0.000	0.000	400.57	0.00	0.00	106.92
135.0	RFS ATMAA1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	35.10
135.0	RFS ATMPP1412D-	3	23.632	25.996	0.26	0.80	0.93	0.000	0.000	38.54	0.00	0.00	32.40
144.0	RFS APXV18-206517S-	3	24.072	26.479	0.54	0.80	8.42	0.000	0.000	356.78	0.00	0.00	71.28
150.0	12' Omni	1	24.629	27.092	0.75	0.75	2.70	0.000	6.000	117.04	0.00	702.22	22.50
150.0	6' Yagi	1	24.355	26.790	0.75	0.75	4.50	0.000	0.000	192.89	0.00	0.00	18.00
150.0	Andrew ABT-DMDF-	3	24.355	26.790	0.25	0.75	0.04	0.000	0.000	1.59	0.00	0.00	2.97
150.0	Andrew SBNH-	1	24.355	26.790	0.52	0.75	6.01	0.000	0.000	257.44	0.00	0.00	59.49
150.0	Ericsson RRUS 11	6	24.355	26.790	0.25	0.75	3.82	0.000	0.000	163.59	0.00	0.00	270.00
150.0	Flat Platform w/ Han	1	24.355	26.790	0.95	1.00	40.28	0.000	0.000	1,726.56	0.00	0.00	1,800.00
150.0	Powerwave 7770.00A	6	24.355	26.790	0.57	0.75	19.02	0.000	0.000	815.07	0.00	0.00	189.00
150.0	Powerwave P65-17-	3	24.355	26.790	0.50	0.75	17.28	0.000	0.000	740.52	0.00	0.00	159.30
150.0	Powerwave TT19-	6	24.355	26.790	0.25	0.75	0.82	0.000	0.000	35.01	0.00	0.00	86.40
150.0	Raycap DC6-48-60-18-	1	24.355	26.790	0.38	0.75	0.48	0.000	0.000	20.57	0.00	0.00	29.52
150.0	Telewave ANT450D6-9	1	24.491	26.940	0.75	0.75	3.23	0.000	2.958	139.01	0.00	411.23	16.20
										7,010.26			4,423.68

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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 Page: 23

Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

Linear Appurtenance Segment Forces (Factored)

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

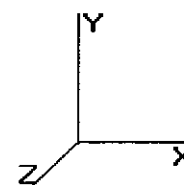
Pole : 302488
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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

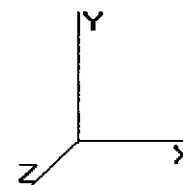
50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.793	0.126	1.079	0.00	8.85
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.894	0.127	1.081	0.00	8.85
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	17.994	0.128	1.083	0.00	8.85
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.092	0.128	1.085	0.00	8.85
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.189	0.129	1.087	0.00	8.85
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.285	0.130	1.089	0.00	8.85
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.379	0.131	1.092	0.00	8.85
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.472	0.131	1.094	0.00	8.85
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.564	0.132	1.096	0.00	8.85
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.655	0.133	1.098	0.00	8.85
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.745	0.133	1.100	0.00	8.85
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.834	0.134	1.102	0.00	8.85
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	18.921	0.135	1.105	0.00	8.85
63.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.008	0.136	1.107	0.00	8.85
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.094	0.136	1.109	0.00	8.85
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.179	0.137	1.111	0.00	8.85
66.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.262	0.138	1.114	0.00	8.85
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.345	0.139	1.116	0.00	8.85
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.427	0.139	1.118	0.00	8.85
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.509	0.140	1.121	0.00	8.85
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.589	0.141	1.123	0.00	8.85
70.00	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	19.589	0.141	1.124	0.00	0.00
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.669	0.142	1.126	0.00	8.85
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.747	0.143	1.128	0.00	8.85
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.825	0.144	1.131	0.00	8.85
73.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.17	0.00	19.864	0.144	1.133	0.00	4.43
74.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.16	0.00	19.902	0.142	1.126	0.00	4.42
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	19.979	0.143	1.128	0.00	8.85
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.055	0.143	1.130	0.00	8.85
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.130	0.144	1.133	0.00	8.85
78.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.204	0.145	1.135	0.00	8.85
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.278	0.146	1.138	0.00	8.85
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.351	0.147	1.141	0.00	8.85
81.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.423	0.148	1.143	0.00	8.85
82.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.495	0.149	1.146	0.00	8.85
83.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.566	0.150	1.149	0.00	8.85
84.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.636	0.150	1.151	0.00	8.85
85.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.706	0.151	1.154	0.00	8.85
86.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.776	0.152	1.157	0.00	8.85
87.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.844	0.153	1.160	0.00	8.85
88.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.913	0.154	1.163	0.00	8.85
89.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	20.980	0.155	1.166	0.00	8.85
90.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.047	0.156	1.169	0.00	8.85
91.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.114	0.157	1.172	0.00	8.85
92.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.180	0.158	1.175	0.00	8.85
93.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.245	0.159	1.178	0.00	8.85
94.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.310	0.160	1.181	0.00	8.85
95.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.375	0.161	1.184	0.00	8.85
96.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.439	0.162	1.187	0.00	8.85
97.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.503	0.164	1.191	0.00	8.85
98.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.566	0.165	1.194	0.00	8.85
99.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.628	0.166	1.197	0.00	8.85
100.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.690	0.167	1.201	0.00	8.85
101.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.752	0.168	1.204	0.00	8.85
102.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.814	0.169	1.208	0.00	8.85
103.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.874	0.170	1.211	0.00	8.85
104.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	21.935	0.172	1.215	0.00	8.85

Totals:	177.26	1,195.41
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Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

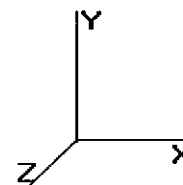
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	87.02	166.08	0.00	0.00
2.00	86.66	165.50	0.00	0.00
3.00	86.29	164.92	0.00	0.00
4.00	85.92	164.34	0.00	0.00
5.00	85.56	163.76	0.00	0.00
6.00	85.19	163.18	0.00	0.00
7.00	84.83	162.60	0.00	0.00
8.00	84.46	162.02	0.00	0.00
9.00	84.10	161.44	0.00	0.00
10.00	629.69	274.26	0.00	0.00
11.00	83.37	160.26	0.00	0.00
12.00	83.00	159.68	0.00	0.00
13.00	82.63	159.10	0.00	0.00
14.00	82.27	158.52	0.00	0.00
15.00	81.90	157.94	0.00	0.00
16.00	81.54	157.36	0.00	0.00
17.00	81.17	156.78	0.00	0.00
18.00	80.81	156.20	0.00	0.00
19.00	80.44	155.62	0.00	0.00
20.00	80.08	155.04	0.00	0.00
21.00	79.71	154.46	0.00	0.00
22.00	79.34	153.88	0.00	0.00
23.00	78.98	153.30	0.00	0.00
24.00	78.61	152.72	0.00	0.00
25.00	78.25	152.15	0.00	0.00
26.00	77.88	151.57	0.00	0.00
27.00	77.52	150.99	0.00	0.00
28.00	77.15	150.41	0.00	0.00
29.00	76.78	149.83	0.00	0.00
30.00	76.48	149.25	0.00	0.00
31.00	76.83	148.67	0.00	0.00
31.50	38.48	74.17	0.00	0.00
32.00	39.25	124.38	0.00	0.00
33.00	78.97	248.13	0.00	0.00
34.00	79.27	247.07	0.00	0.00
35.00	79.54	246.01	0.00	0.00
35.67	53.13	163.49	0.00	0.00
36.00	26.53	42.79	0.00	0.00
37.00	80.04	128.19	0.00	0.00
38.00	80.26	127.70	0.00	0.00
39.00	80.46	127.22	0.00	0.00
40.00	80.65	126.74	0.00	0.00
41.00	80.82	126.25	0.00	0.00
42.00	80.98	125.77	0.00	0.00
43.00	81.12	125.29	0.00	0.00
44.00	81.24	124.80	0.00	0.00
45.00	81.36	124.32	0.00	0.00
46.00	81.46	123.83	0.00	0.00
47.00	81.54	123.35	0.00	0.00

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

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

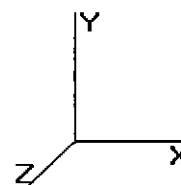
48.00	81.62	122.87	0.00	0.00
49.00	81.68	122.38	0.00	0.00
50.00	81.73	121.90	0.00	0.00
51.00	81.76	121.42	0.00	0.00
52.00	81.79	120.93	0.00	0.00
53.00	81.81	120.45	0.00	0.00
54.00	81.81	119.96	0.00	0.00
55.00	81.81	119.48	0.00	0.00
56.00	81.79	119.00	0.00	0.00
57.00	81.77	118.51	0.00	0.00
58.00	81.73	118.03	0.00	0.00
59.00	81.69	117.55	0.00	0.00
60.00	81.64	117.06	0.00	0.00
61.00	81.57	116.58	0.00	0.00
62.00	81.50	116.10	0.00	0.00
63.00	81.42	115.61	0.00	0.00
64.00	81.34	115.13	0.00	0.00
65.00	81.24	114.64	0.00	0.00
66.00	81.14	114.16	0.00	0.00
67.00	81.03	113.68	0.00	0.00
68.00	80.91	113.19	0.00	0.00
69.00	80.78	112.71	0.00	0.00
70.00	80.65	112.23	0.00	0.00
70.00	0.03	0.04	0.00	0.00
71.00	81.98	178.76	0.00	0.00
72.00	81.86	177.95	0.00	0.00
73.00	81.71	177.08	0.00	0.00
73.50	40.79	88.27	0.00	0.00
74.00	40.69	47.63	0.00	0.00
75.00	81.40	95.03	0.00	0.00
76.00	81.23	94.64	0.00	0.00
77.00	81.05	94.26	0.00	0.00
78.00	80.87	93.87	0.00	0.00
79.00	80.68	93.49	0.00	0.00
80.00	80.49	93.10	0.00	0.00
81.00	80.29	92.71	0.00	0.00
82.00	80.08	92.33	0.00	0.00
83.00	79.87	91.94	0.00	0.00
84.00	79.66	91.55	0.00	0.00
85.00	79.43	91.17	0.00	0.00
86.00	79.20	90.78	0.00	0.00
87.00	78.97	90.40	0.00	0.00
88.00	78.73	90.01	0.00	0.00
89.00	78.49	89.62	0.00	0.00
90.00	78.24	89.24	0.00	0.00
91.00	77.98	88.85	0.00	0.00
92.00	77.72	88.46	0.00	0.00
93.00	77.46	88.08	0.00	0.00
94.00	77.19	87.69	0.00	0.00
95.00	76.91	87.30	0.00	0.00
96.00	76.63	86.92	0.00	0.00
97.00	76.35	86.53	0.00	0.00
98.00	76.06	86.15	0.00	0.00
99.00	75.76	85.76	0.00	0.00
100.0	75.47	85.37	0.00	0.00
101.0	75.16	84.99	0.00	0.00
102.0	74.86	84.60	0.00	0.00

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

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

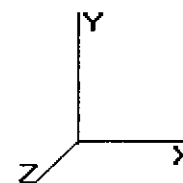
103.0	74.54	84.21	0.00	0.00
104.0	74.23	83.83	0.00	0.00
105.0	73.91	83.44	0.00	0.00
106.0	73.58	83.05	0.00	0.00
107.0	73.26	82.67	0.00	0.00
108.0	72.92	82.28	0.00	0.00
109.0	72.59	81.90	0.00	0.00
110.0	72.25	81.51	0.00	0.00
110.0	0.02	0.03	0.00	0.00
111.0	71.88	68.31	0.00	0.00
112.0	71.55	68.04	0.00	0.00
113.0	71.20	67.75	0.00	0.00
114.0	70.84	67.46	0.00	0.00
115.0	70.48	67.17	0.00	0.00
116.0	70.12	66.88	0.00	0.00
117.0	69.75	66.59	0.00	0.00
118.0	69.38	66.30	0.00	0.00
119.0	69.01	66.01	0.00	0.00
120.0	403.63	126.93	0.00	515.15
121.0	68.24	65.14	0.00	0.00
122.0	67.86	64.85	0.00	0.00
123.0	67.47	64.56	0.00	0.00
124.0	67.08	64.27	0.00	0.00
125.0	96.04	63.98	0.00	0.00
126.0	95.58	63.69	0.00	0.00
127.0	95.12	63.40	0.00	0.00
128.0	94.65	63.11	0.00	0.00
129.0	94.17	62.82	0.00	0.00
130.0	93.70	62.53	0.00	0.00
131.0	93.22	62.24	0.00	0.00
132.0	92.73	61.95	0.00	0.00
133.0	92.24	61.66	0.00	0.00
134.0	91.75	61.37	0.00	0.00
135.0	1,654.48	1,585.50	0.00	0.00
136.0	62.11	51.94	0.00	0.00
137.0	61.67	51.65	0.00	0.00
138.0	61.24	51.36	0.00	0.00
139.0	60.80	51.07	0.00	0.00
140.0	60.35	50.78	0.00	0.00
141.0	59.91	50.49	0.00	0.00
142.0	59.46	50.20	0.00	0.00
143.0	59.01	49.91	0.00	0.00
144.0	415.33	120.90	0.00	0.00
145.0	58.09	44.90	0.00	0.00
146.0	57.63	44.61	0.00	0.00
147.0	57.17	44.32	0.00	0.00
148.0	56.70	44.03	0.00	0.00
149.0	56.23	43.74	0.00	0.00
150.0	4,265.05	2,696.83	0.00	1,113.46
Totals:	18,697.26	20,721.67	0.00	1,628.61

Pole : 302488
 Location : Cntn - Canton, CT
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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

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

Wind Importance Factor : 1.00

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	-20.71	-18.71	0.00	-1,911.09	0.00	1,911.09	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.811
1.00	-20.52	-18.65	0.00	-1,892.38	0.00	1,892.38	3,148.69	1,574.34	4,778.83	2,360.09	0.01	-0.07	0.808
2.00	-20.33	-18.58	0.00	-1,873.73	0.00	1,873.73	3,140.16	1,570.08	4,745.43	2,343.59	0.03	-0.14	0.806
3.00	-20.15	-18.52	0.00	-1,855.15	0.00	1,855.15	3,131.60	1,565.80	4,712.07	2,327.11	0.07	-0.21	0.804
4.00	-19.96	-18.46	0.00	-1,836.63	0.00	1,836.63	3,123.00	1,561.50	4,678.76	2,310.67	0.12	-0.28	0.801
5.00	-19.77	-18.40	0.00	-1,818.17	0.00	1,818.17	3,114.35	1,557.18	4,645.51	2,294.24	0.18	-0.35	0.799
6.00	-19.59	-18.33	0.00	-1,799.77	0.00	1,799.77	3,105.66	1,552.83	4,612.30	2,277.84	0.26	-0.42	0.797
7.00	-19.40	-18.27	0.00	-1,781.44	0.00	1,781.44	3,096.94	1,548.47	4,579.15	2,261.47	0.36	-0.49	0.794
8.00	-19.22	-18.21	0.00	-1,763.17	0.00	1,763.17	3,088.17	1,544.08	4,546.04	2,245.12	0.47	-0.56	0.792
9.00	-19.04	-18.15	0.00	-1,744.96	0.00	1,744.96	3,079.35	1,539.68	4,513.00	2,228.80	0.60	-0.63	0.789
10.00	-18.75	-17.54	0.00	-1,726.81	0.00	1,726.81	3,070.50	1,535.25	4,480.00	2,212.50	0.73	-0.70	0.787
11.00	-18.57	-17.48	0.00	-1,709.27	0.00	1,709.27	3,061.60	1,530.80	4,447.06	2,196.24	0.89	-0.77	0.784
12.00	-18.39	-17.41	0.00	-1,691.80	0.00	1,691.80	3,052.67	1,526.33	4,414.18	2,180.00	1.06	-0.84	0.782
13.00	-18.21	-17.35	0.00	-1,674.38	0.00	1,674.38	3,043.69	1,521.84	4,381.36	2,163.79	1.24	-0.92	0.780
14.00	-18.03	-17.29	0.00	-1,657.03	0.00	1,657.03	3,034.67	1,517.33	4,348.59	2,147.60	1.44	-0.99	0.778
15.00	-17.85	-17.23	0.00	-1,639.74	0.00	1,639.74	3,025.61	1,512.80	4,315.88	2,131.45	1.66	-1.06	0.775
16.00	-17.67	-17.17	0.00	-1,622.52	0.00	1,622.52	3,016.50	1,508.25	4,283.22	2,115.32	1.89	-1.13	0.773
17.00	-17.50	-17.10	0.00	-1,605.35	0.00	1,605.35	3,007.36	1,503.68	4,250.63	2,099.23	2.13	-1.21	0.771
18.00	-17.32	-17.04	0.00	-1,588.25	0.00	1,588.25	2,998.17	1,499.09	4,218.10	2,083.16	2.39	-1.28	0.768
19.00	-17.15	-16.98	0.00	-1,571.21	0.00	1,571.21	2,988.94	1,494.47	4,185.63	2,067.13	2.67	-1.35	0.766
20.00	-16.97	-16.92	0.00	-1,554.23	0.00	1,554.23	2,979.67	1,489.84	4,153.23	2,051.12	2.96	-1.42	0.764
21.00	-16.80	-16.85	0.00	-1,537.31	0.00	1,537.31	2,970.36	1,485.18	4,120.88	2,035.15	3.27	-1.50	0.761
22.00	-16.62	-16.79	0.00	-1,520.46	0.00	1,520.46	2,961.01	1,480.50	4,088.60	2,019.21	3.59	-1.57	0.759
23.00	-16.45	-16.73	0.00	-1,503.67	0.00	1,503.67	2,951.61	1,475.81	4,056.39	2,003.30	3.93	-1.64	0.756
24.00	-16.28	-16.67	0.00	-1,486.94	0.00	1,486.94	2,942.18	1,471.09	4,024.24	1,987.42	4.28	-1.72	0.754
25.00	-16.11	-16.61	0.00	-1,470.27	0.00	1,470.27	2,932.70	1,466.35	3,992.16	1,971.58	4.65	-1.79	0.751
26.00	-15.94	-16.54	0.00	-1,453.66	0.00	1,453.66	2,923.18	1,461.59	3,960.14	1,955.76	5.03	-1.87	0.749
27.00	-15.77	-16.48	0.00	-1,437.12	0.00	1,437.12	2,913.62	1,456.81	3,928.19	1,939.99	5.43	-1.94	0.746
28.00	-15.60	-16.42	0.00	-1,420.64	0.00	1,420.64	2,903.09	1,451.54	3,895.07	1,923.63	5.84	-2.02	0.744
29.00	-15.43	-16.36	0.00	-1,404.21	0.00	1,404.21	2,889.14	1,444.57	3,857.52	1,905.08	6.27	-2.09	0.743
30.00	-15.26	-16.30	0.00	-1,387.86	0.00	1,387.86	2,875.19	1,437.60	3,820.15	1,886.63	6.72	-2.17	0.741
31.00	-15.10	-16.23	0.00	-1,371.56	0.00	1,371.56	2,861.24	1,430.62	3,782.96	1,868.26	7.18	-2.24	0.740
31.50	-15.02	-16.20	0.00	-1,363.44	0.00	1,363.44	2,854.27	1,427.13	3,764.43	1,859.11	7.42	-2.28	0.739
32.00	-14.88	-16.17	0.00	-1,355.35	0.00	1,355.35	2,847.30	1,423.65	3,745.96	1,849.99	7.66	-2.32	0.738
33.00	-14.61	-16.10	0.00	-1,339.18	0.00	1,339.18	2,833.35	1,416.67	3,709.14	1,831.80	8.16	-2.40	0.736
34.00	-14.35	-16.03	0.00	-1,323.08	0.00	1,323.08	2,819.40	1,409.70	3,672.50	1,813.71	8.67	-2.47	0.735
35.00	-14.09	-15.95	0.00	-1,307.05	0.00	1,307.05	2,805.45	1,402.73	3,636.04	1,795.70	9.19	-2.55	0.733
35.67	-13.92	-15.90	0.00	-1,296.41	0.00	1,296.41	2,253.07	1,126.53	2,980.49	1,471.95	9.55	-2.60	0.887
36.00	-13.86	-15.89	0.00	-1,291.11	0.00	1,291.11	2,250.82	1,125.41	2,972.64	1,468.07	9.73	-2.62	0.886
37.00	-13.71	-15.82	0.00	-1,275.22	0.00	1,275.22	2,244.05	1,122.03	2,949.06	1,456.43	10.29	-2.71	0.882
38.00	-13.56	-15.76	0.00	-1,259.40	0.00	1,259.40	2,237.24	1,118.62	2,925.52	1,444.81	10.87	-2.80	0.878
39.00	-13.42	-15.69	0.00	-1,243.65	0.00	1,243.65	2,230.38	1,115.19	2,902.02	1,433.20	11.46	-2.88	0.874
40.00	-13.27	-15.62	0.00	-1,227.95	0.00	1,227.95	2,223.48	1,111.74	2,878.55	1,421.61	12.08	-2.97	0.870
41.00	-13.12	-15.56	0.00	-1,212.33	0.00	1,212.33	2,216.55	1,108.27	2,855.12	1,410.03	12.71	-3.06	0.866
42.00	-12.98	-15.49	0.00	-1,196.78	0.00	1,196.78	2,209.57	1,104.78	2,831.72	1,398.48	13.36	-3.14	0.862
43.00	-12.84	-15.42	0.00	-1,181.29	0.00	1,181.29	2,202.55	1,101.27	2,808.36	1,386.94	14.03	-3.23	0.858
44.00	-12.69	-15.35	0.00	-1,165.87	0.00	1,165.87	2,195.48	1,097.74	2,785.04	1,375.43	14.71	-3.32	0.854
45.00	-12.55	-15.28	0.00	-1,150.52	0.00	1,150.52	2,188.38	1,094.19	2,761.76	1,363.93	15.42	-3.41	0.849
46.00	-12.41	-15.21	0.00	-1,135.23	0.00	1,135.23	2,181.23	1,090.62	2,738.52	1,352.45	16.14	-3.50	0.845
47.00	-12.27	-15.14	0.00	-1,120.02	0.00	1,120.02	2,174.04	1,087.02	2,715.33	1,341.00	16.88	-3.58	0.841
48.00	-12.13	-15.07	0.00	-1,104.88	0.00	1,104.88	2,166.81	1,083.41	2,692.17	1,329.56	17.64	-3.67	0.837

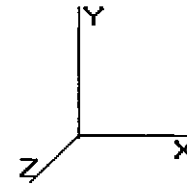
Pole : 302488
Location : Cntrn - Canton, CT
Height : 150.0 (ft)
Base Dia : 37.38 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156707 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

49.00	-11.99	-15.00	0.00	-1,089.81	0.00	1,089.81	2,159.54	1,079.77	2,669.06	1,318.15	18.42	-3.76	0.833
50.00	-11.85	-14.93	0.00	-1,074.81	0.00	1,074.81	2,152.23	1,076.12	2,645.99	1,306.75	19.22	-3.85	0.828
51.00	-11.71	-14.86	0.00	-1,059.88	0.00	1,059.88	2,144.88	1,072.44	2,622.96	1,295.38	20.03	-3.94	0.824
52.00	-11.57	-14.79	0.00	-1,045.02	0.00	1,045.02	2,137.48	1,068.74	2,599.98	1,284.03	20.86	-4.03	0.819
53.00	-11.43	-14.71	0.00	-1,030.24	0.00	1,030.24	2,130.04	1,065.02	2,577.05	1,272.71	21.72	-4.11	0.815
54.00	-11.30	-14.64	0.00	-1,015.52	0.00	1,015.52	2,122.57	1,061.28	2,554.16	1,261.41	22.59	-4.20	0.811
55.00	-11.16	-14.57	0.00	-1,000.88	0.00	1,000.88	2,115.04	1,057.52	2,531.33	1,250.13	23.48	-4.29	0.806
56.00	-11.03	-14.49	0.00	-986.31	0.00	986.31	2,107.48	1,053.74	2,508.54	1,238.87	24.38	-4.38	0.802
57.00	-10.89	-14.42	0.00	-971.82	0.00	971.82	2,099.88	1,049.94	2,485.79	1,227.64	25.31	-4.47	0.797
58.00	-10.76	-14.35	0.00	-957.40	0.00	957.40	2,092.23	1,046.12	2,463.10	1,216.43	26.26	-4.56	0.792
59.00	-10.62	-14.27	0.00	-943.05	0.00	943.05	2,084.55	1,042.27	2,440.47	1,205.25	27.22	-4.65	0.788
60.00	-10.49	-14.20	0.00	-928.78	0.00	928.78	2,076.82	1,038.41	2,417.88	1,194.10	28.20	-4.74	0.783
61.00	-10.36	-14.12	0.00	-914.58	0.00	914.58	2,069.05	1,034.52	2,395.34	1,182.97	29.21	-4.83	0.778
62.00	-10.23	-14.05	0.00	-900.46	0.00	900.46	2,061.24	1,030.62	2,372.86	1,171.87	30.23	-4.92	0.774
63.00	-10.10	-13.97	0.00	-886.41	0.00	886.41	2,053.38	1,026.69	2,350.43	1,160.79	31.27	-5.01	0.769
64.00	-9.97	-13.90	0.00	-872.44	0.00	872.44	2,045.49	1,022.74	2,328.06	1,149.74	32.32	-5.10	0.764
65.00	-9.84	-13.82	0.00	-858.54	0.00	858.54	2,037.55	1,018.78	2,305.74	1,138.72	33.40	-5.19	0.759
66.00	-9.71	-13.75	0.00	-844.72	0.00	844.72	2,029.57	1,014.79	2,283.48	1,127.73	34.50	-5.28	0.754
67.00	-9.59	-13.67	0.00	-830.97	0.00	830.97	2,020.20	1,010.10	2,259.76	1,116.01	35.61	-5.37	0.750
68.00	-9.46	-13.59	0.00	-817.30	0.00	817.30	2,008.55	1,004.28	2,233.65	1,103.11	36.75	-5.46	0.746
69.00	-9.33	-13.52	0.00	-803.71	0.00	803.71	1,996.91	998.46	2,207.68	1,090.29	37.90	-5.56	0.742
70.00	-9.22	-13.43	0.00	-790.19	0.00	790.19	1,985.27	992.64	2,181.87	1,077.54	39.07	-5.65	0.738
70.00	-9.21	-13.44	0.00	-790.18	0.00	790.18	1,985.27	992.63	2,181.86	1,077.54	39.07	-5.65	0.738
71.00	-9.02	-13.36	0.00	-776.75	0.00	776.75	1,973.63	986.81	2,156.21	1,064.87	40.26	-5.74	0.734
72.00	-8.83	-13.27	0.00	-763.39	0.00	763.39	1,961.99	980.99	2,130.70	1,052.27	41.47	-5.83	0.730
73.00	-8.64	-13.18	0.00	-750.12	0.00	750.12	1,950.35	975.17	2,105.34	1,039.75	42.70	-5.92	0.726
73.50	-8.55	-13.14	0.00	-743.53	0.00	743.53	1,473.98	736.99	1,624.61	802.34	43.32	-5.96	0.933
74.00	-8.49	-13.10	0.00	-736.96	0.00	736.96	1,471.43	735.71	1,617.01	798.58	43.95	-6.01	0.929
75.00	-8.38	-13.03	0.00	-723.86	0.00	723.86	1,466.30	733.15	1,601.81	791.07	45.21	-6.12	0.921
76.00	-8.27	-12.95	0.00	-710.83	0.00	710.83	1,461.12	730.56	1,586.63	783.58	46.50	-6.22	0.913
77.00	-8.16	-12.88	0.00	-697.87	0.00	697.87	1,455.91	727.95	1,571.48	776.09	47.82	-6.33	0.905
78.00	-8.05	-12.80	0.00	-685.00	0.00	685.00	1,450.65	725.33	1,556.35	768.62	49.15	-6.44	0.897
79.00	-7.95	-12.73	0.00	-672.19	0.00	672.19	1,445.35	722.68	1,541.24	761.16	50.51	-6.54	0.889
80.00	-7.84	-12.65	0.00	-659.47	0.00	659.47	1,440.02	720.01	1,526.16	753.71	51.89	-6.65	0.881
81.00	-7.73	-12.57	0.00	-646.82	0.00	646.82	1,434.63	717.32	1,511.10	746.28	53.29	-6.76	0.872
82.00	-7.63	-12.50	0.00	-634.24	0.00	634.24	1,429.21	714.61	1,496.07	738.85	54.71	-6.86	0.864
83.00	-7.52	-12.42	0.00	-621.75	0.00	621.75	1,423.75	711.87	1,481.07	731.44	56.16	-6.97	0.856
84.00	-7.42	-12.35	0.00	-609.32	0.00	609.32	1,418.24	709.12	1,466.10	724.05	57.62	-7.07	0.847
85.00	-7.32	-12.27	0.00	-596.98	0.00	596.98	1,412.69	706.35	1,451.15	716.67	59.11	-7.18	0.838
86.00	-7.21	-12.19	0.00	-584.71	0.00	584.71	1,407.10	703.55	1,436.24	709.30	60.62	-7.28	0.830
87.00	-7.11	-12.11	0.00	-572.52	0.00	572.52	1,401.47	700.74	1,421.35	701.95	62.16	-7.39	0.821
88.00	-7.01	-12.04	0.00	-560.40	0.00	560.40	1,395.80	697.90	1,406.50	694.62	63.71	-7.50	0.812
89.00	-6.91	-11.96	0.00	-548.37	0.00	548.37	1,390.09	695.04	1,391.68	687.30	65.29	-7.60	0.803
90.00	-6.81	-11.88	0.00	-536.41	0.00	536.41	1,384.33	692.17	1,376.89	679.99	66.89	-7.70	0.794
91.00	-6.71	-11.81	0.00	-524.52	0.00	524.52	1,378.53	689.27	1,362.14	672.71	68.51	-7.81	0.785
92.00	-6.61	-11.73	0.00	-512.71	0.00	512.71	1,372.69	686.35	1,347.42	665.44	70.15	-7.91	0.776
93.00	-6.52	-11.65	0.00	-500.98	0.00	500.98	1,366.81	683.41	1,332.73	658.19	71.81	-8.02	0.766
94.00	-6.42	-11.58	0.00	-489.33	0.00	489.33	1,360.89	680.45	1,318.09	650.95	73.50	-8.12	0.757
95.00	-6.32	-11.50	0.00	-477.76	0.00	477.76	1,354.93	677.46	1,303.48	643.74	75.20	-8.22	0.747
96.00	-6.23	-11.42	0.00	-466.26	0.00	466.26	1,348.92	674.46	1,288.91	636.54	76.93	-8.32	0.737
97.00	-6.13	-11.34	0.00	-454.84	0.00	454.84	1,342.88	671.44	1,274.37	629.37	78.68	-8.43	0.728
98.00	-6.04	-11.27	0.00	-443.49	0.00	443.49	1,336.79	668.39	1,259.88	622.21	80.45	-8.53	0.718
99.00	-5.95	-11.19	0.00	-432.23	0.00	432.23	1,330.66	665.33	1,245.43	615.07	82.24	-8.63	0.707
100.00	-5.85	-11.11	0.00	-421.04	0.00	421.04	1,324.49	662.24	1,231.02	607.95	84.05	-8.73	0.697
101.00	-5.76	-11.04	0.00	-409.92	0.00	409.92	1,318.27	659.14	1,216.65	600.86	85.88	-8.83	0.687
102.00	-5.67	-10.96	0.00	-398.89	0.00	398.89	1,312.02	656.01	1,202.32	593.78	87.73	-8.93	0.676
103.00	-5.58	-10.88	0.00	-387.93	0.00	387.93	1,305.72	652.86	1,188.04	586.73	89.61	-9.03	0.666

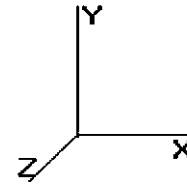
Pole : 302488
Location : Cntr - Canton, CT
Height : 150.0 (ft)
Base Dia : 37.38 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156707 (in/ft)

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

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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

40 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

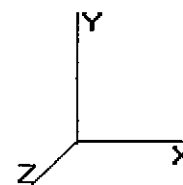
104.00	-5.49	-10.80	0.00	-377.05	0.00	377.05	1,299.38	649.69	1,173.80	579.70	91.50	-9.13	0.655
105.00	-5.40	-10.73	0.00	-366.25	0.00	366.25	1,293.00	646.50	1,159.61	572.69	93.42	-9.22	0.644
106.00	-5.31	-10.65	0.00	-355.52	0.00	355.52	1,284.34	642.17	1,143.47	564.72	95.35	-9.32	0.634
107.00	-5.23	-10.57	0.00	-344.87	0.00	344.87	1,275.04	637.52	1,126.88	556.52	97.30	-9.41	0.624
108.00	-5.14	-10.50	0.00	-334.30	0.00	334.30	1,265.74	632.87	1,110.41	548.39	99.28	-9.51	0.614
109.00	-5.06	-10.42	0.00	-323.80	0.00	323.80	1,256.45	628.22	1,094.06	540.31	101.27	-9.60	0.604
110.00	-4.98	-10.34	0.00	-313.38	0.00	313.38	1,247.15	623.57	1,077.83	532.30	103.28	-9.70	0.593
110.00	-4.97	-10.34	0.00	-313.38	0.00	313.38	1,247.14	623.57	1,077.83	532.30	103.28	-9.70	0.593
110.00	-4.97	-10.34	0.00	-313.38	0.00	313.38	853.24	426.62	741.79	366.34	103.28	-9.70	0.862
111.00	-4.90	-10.27	0.00	-303.04	0.00	303.04	849.68	424.84	733.16	362.08	105.31	-9.79	0.843
112.00	-4.82	-10.20	0.00	-292.77	0.00	292.77	846.07	423.04	724.53	357.82	107.36	-9.91	0.824
113.00	-4.74	-10.12	0.00	-282.58	0.00	282.58	842.42	421.21	715.91	353.56	109.44	-10.03	0.805
114.00	-4.67	-10.05	0.00	-272.45	0.00	272.45	838.73	419.37	707.31	349.31	111.54	-10.14	0.786
115.00	-4.60	-9.98	0.00	-262.40	0.00	262.40	835.00	417.50	698.72	345.07	113.67	-10.26	0.767
116.00	-4.52	-9.91	0.00	-252.42	0.00	252.42	831.23	415.61	690.14	340.83	115.82	-10.37	0.747
117.00	-4.45	-9.84	0.00	-242.51	0.00	242.51	827.41	413.71	681.58	336.61	117.99	-10.48	0.726
118.00	-4.38	-9.76	0.00	-232.67	0.00	232.67	823.55	411.78	673.03	332.38	120.19	-10.59	0.706
119.00	-4.31	-9.69	0.00	-222.91	0.00	222.91	819.65	409.83	664.50	328.17	122.41	-10.70	0.685
120.00	-4.24	-9.28	0.00	-212.70	0.00	212.70	815.71	407.86	655.99	323.97	124.65	-10.81	0.662
121.00	-4.18	-9.21	0.00	-203.42	0.00	203.42	811.73	405.87	647.49	319.77	126.91	-10.91	0.642
122.00	-4.11	-9.14	0.00	-194.21	0.00	194.21	807.71	403.85	639.02	315.59	129.19	-11.01	0.621
123.00	-4.04	-9.07	0.00	-185.08	0.00	185.08	803.64	401.82	630.56	311.41	131.49	-11.11	0.600
124.00	-3.98	-8.99	0.00	-176.01	0.00	176.01	799.54	399.77	622.13	307.25	133.82	-11.21	0.578
125.00	-3.92	-8.89	0.00	-167.02	0.00	167.02	795.39	397.69	613.72	303.09	136.16	-11.30	0.556
126.00	-3.86	-8.79	0.00	-158.13	0.00	158.13	791.20	395.60	605.32	298.95	138.52	-11.39	0.534
127.00	-3.81	-8.69	0.00	-149.33	0.00	149.33	786.97	393.48	596.96	294.81	140.90	-11.48	0.512
128.00	-3.75	-8.59	0.00	-140.64	0.00	140.64	782.70	391.35	588.61	290.69	143.30	-11.57	0.489
129.00	-3.70	-8.49	0.00	-132.05	0.00	132.05	778.38	389.19	580.29	286.58	145.72	-11.65	0.466
130.00	-3.64	-8.39	0.00	-123.55	0.00	123.55	774.03	387.01	572.00	282.49	148.15	-11.73	0.443
131.00	-3.59	-8.29	0.00	-115.16	0.00	115.16	769.63	384.81	563.73	278.41	150.60	-11.81	0.419
132.00	-3.54	-8.20	0.00	-106.86	0.00	106.86	765.19	382.59	555.49	274.34	153.06	-11.88	0.395
133.00	-3.49	-8.10	0.00	-98.67	0.00	98.67	760.71	380.35	547.28	270.28	155.54	-11.95	0.370
134.00	-3.44	-8.00	0.00	-90.57	0.00	90.57	756.19	378.09	539.10	266.24	158.03	-12.01	0.345
135.00	-2.23	-6.05	0.00	-82.57	0.00	82.57	751.62	375.81	530.94	262.21	160.53	-12.08	0.318
136.00	-2.18	-5.98	0.00	-76.52	0.00	76.52	747.02	373.51	522.82	258.20	163.05	-12.13	0.300
137.00	-2.14	-5.91	0.00	-70.54	0.00	70.54	742.37	371.18	514.73	254.20	165.58	-12.19	0.281
138.00	-2.10	-5.84	0.00	-64.63	0.00	64.63	737.68	368.84	506.67	250.22	168.12	-12.24	0.261
139.00	-2.06	-5.78	0.00	-58.78	0.00	58.78	732.95	366.47	498.64	246.26	170.67	-12.29	0.242
140.00	-2.01	-5.71	0.00	-53.01	0.00	53.01	728.18	364.09	490.64	242.31	173.23	-12.34	0.222
141.00	-1.97	-5.64	0.00	-47.30	0.00	47.30	721.95	360.98	481.74	237.92	175.80	-12.38	0.202
142.00	-1.93	-5.57	0.00	-41.66	0.00	41.66	714.98	357.49	472.43	233.32	178.37	-12.42	0.182
143.00	-1.90	-5.50	0.00	-36.09	0.00	36.09	708.01	354.00	463.21	228.76	180.96	-12.45	0.161
144.00	-1.86	-5.07	0.00	-30.58	0.00	30.58	701.03	350.52	454.07	224.25	183.55	-12.48	0.139
145.00	-1.83	-5.01	0.00	-25.51	0.00	25.51	694.06	347.03	445.03	219.78	186.14	-12.51	0.119
146.00	-1.80	-4.94	0.00	-20.50	0.00	20.50	687.08	343.54	436.08	215.36	188.75	-12.53	0.098
147.00	-1.77	-4.88	0.00	-15.56	0.00	15.56	680.11	340.05	427.22	210.99	191.35	-12.55	0.077
148.00	-1.73	-4.81	0.00	-10.68	0.00	10.68	673.14	336.57	418.45	206.66	193.96	-12.56	0.054
149.00	-1.70	-4.75	0.00	-5.86	0.00	5.86	666.16	333.08	409.77	202.37	196.57	-12.57	0.032
150.00	0.00	-4.27	0.00	-1.11	0.00	1.11	659.19	329.59	401.19	198.13	199.18	-12.57	0.006

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

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

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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice

41 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
 Ice Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.410	1.00	3.453	4.14	19.4	70.5	252.6
2.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.511	1.00	3.456	4.15	19.4	75.5	256.8
3.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.574	1.00	3.453	4.14	19.4	78.4	258.9
4.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.620	1.00	3.447	4.14	19.4	80.4	260.2
5.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.656	1.00	3.440	4.13	19.3	82.0	261.0
6.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.687	1.00	3.432	4.12	19.3	83.2	261.4
7.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.713	1.00	3.422	4.11	19.2	84.2	261.7
8.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.736	1.00	3.413	4.10	19.2	85.1	261.7
9.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.756	1.00	3.403	4.08	19.1	85.8	261.7
10.00	Appertunance(s)	1.00	0.70	4.256	4.682	0.000	1.200	* 1.775	1.00	3.392	4.07	19.1	86.4	261.5
11.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.792	1.00	3.382	4.06	19.0	86.9	261.2
12.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.808	1.00	3.371	4.04	18.9	87.3	260.9
13.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.822	1.00	3.360	4.03	18.9	87.6	260.4
14.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.836	1.00	3.348	4.02	18.8	88.0	260.0
15.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.848	1.00	3.337	4.00	18.7	88.2	259.5
16.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.860	1.00	3.325	3.99	18.7	88.4	258.9
17.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.872	1.00	3.314	3.98	18.6	88.6	258.3
18.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.882	1.00	3.302	3.96	18.6	88.8	257.7
19.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.893	1.00	3.290	3.95	18.5	88.9	257.1
20.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.902	1.00	3.278	3.93	18.4	89.0	256.4
21.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.912	1.00	3.266	3.92	18.4	89.1	255.7
22.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.921	1.00	3.254	3.91	18.3	89.1	254.9
23.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.929	1.00	3.242	3.89	18.2	89.1	254.2
24.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.937	1.00	3.230	3.88	18.1	89.1	253.4
25.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.945	1.00	3.218	3.86	18.1	89.1	252.7
26.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.953	1.00	3.206	3.85	18.0	89.1	251.9
27.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.960	1.00	3.193	3.83	17.9	89.1	251.0
28.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.967	1.00	3.181	3.82	17.9	89.0	250.2
29.00		1.00	0.70	4.256	4.682	0.000	1.200	* 1.974	1.00	3.169	3.80	17.8	88.9	249.4
30.00		1.00	0.70	4.260	4.686	0.000	1.200	* 1.981	1.00	3.156	3.79	17.7	88.8	248.5
31.00		1.00	0.70	4.300	4.730	0.000	1.200	* 1.988	1.00	3.144	3.77	17.8	88.7	247.6
31.50	Bot - Section 2	1.00	0.71	4.319	4.751	0.000	1.200	* 1.991	0.50	1.568	1.88	8.9	44.4	123.6
32.00		1.00	0.71	4.339	4.773	0.000	1.200	* 1.994	0.50	1.590	1.91	9.1	45.1	191.3
33.00		1.00	0.72	4.377	4.815	0.000	1.200	* 2.000	1.00	3.173	3.81	18.3	90.1	381.7
34.00		1.00	0.72	4.415	4.856	0.000	1.200	* 2.006	1.00	3.160	3.79	18.4	90.0	380.1
35.00		1.00	0.73	4.451	4.897	0.000	1.200	* 2.012	1.00	3.148	3.78	18.5	89.9	378.6
35.67	Top - Section 1	1.00	0.73	4.475	4.923	0.000	1.200	* 2.016	0.67	2.092	2.51	12.4	59.9	251.6
36.00		1.00	0.73	4.487	4.936	0.000	1.200	* 2.017	0.33	1.043	1.25	6.2	29.9	73.8
37.00		1.00	0.74	4.523	4.975	0.000	1.200	* 2.023	1.00	3.123	3.75	18.6	89.6	221.2
38.00		1.00	0.75	4.557	5.013	0.000	1.200	* 2.028	1.00	3.110	3.73	18.7	89.4	220.4
39.00		1.00	0.75	4.591	5.050	0.000	1.200	* 2.034	1.00	3.097	3.72	18.8	89.3	219.6
40.00		1.00	0.76	4.625	5.087	0.000	1.200	* 2.039	1.00	3.085	3.70	18.8	89.1	218.7
41.00		1.00	0.76	4.657	5.123	0.000	1.200	* 2.044	1.00	3.072	3.69	18.9	88.9	217.9
42.00		1.00	0.77	4.689	5.158	0.000	1.200	* 2.049	1.00	3.059	3.67	18.9	88.7	217.1
43.00		1.00	0.77	4.721	5.193	0.000	1.200	* 2.054	1.00	3.047	3.66	19.0	88.5	216.2
44.00		1.00	0.78	4.752	5.227	0.000	1.200	* 2.058	1.00	3.034	3.64	19.0	88.3	215.4
45.00		1.00	0.78	4.783	5.261	0.000	1.200	* 2.063	1.00	3.021	3.63	19.1	88.1	214.5
46.00		1.00	0.79	4.813	5.294	0.000	1.200	* 2.068	1.00	3.008	3.61	19.1	87.9	213.7
47.00		1.00	0.79	4.843	5.327	0.000	1.200	* 2.072	1.00	2.996	3.59	19.1	87.7	212.8
48.00		1.00	0.80	4.872	5.359	0.000	1.200	* 2.076	1.00	2.983	3.58	19.2	87.5	211.9

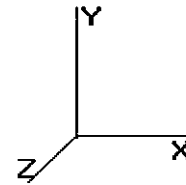
Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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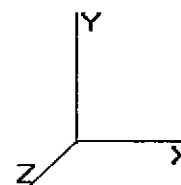
Load Case: 1.2D + 1.0Di + 1.0Wi		50.00 mph with 1.00 in Radial Ice		41 Iterations	
Gust Response Factor : 1.10		Ice Dead Load Factor : 1.00		Wind Importance Factor : 1.00	
Dead Load Factor : 1.20				Ice Importance Factor : 1.00	
Wind Load Factor : 1.00					

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

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

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

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

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

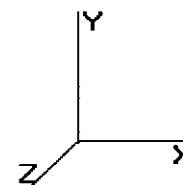
* = Cf Adjusted By Linear Load Ra Effect

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

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

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

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Load Case: 1.2D + 1.0DI + 1.0Wi 50.00 mph with 1.00 in Radial Ice

41 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

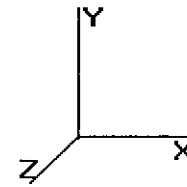
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
10.00	Channel Master Type	1	4.256	4.682	1.00	1.00	23.26	0.000	0.000	108.88	0.00	0.00	301.80
120.0	Side Arm	1	6.330	6.963	1.00	1.00	6.73	0.000	0.000	46.86	0.00	0.00	-33.14
120.0	Telewave ANT450D6-9	1	6.374	7.011	1.00	1.00	9.36	0.000	2.958	65.63	0.00	194.16	-11.59
135.0	Low Profile Platform	1	6.546	7.201	1.00	1.00	51.34	0.000	0.000	369.70	0.00	0.00	2,456.55
135.0	RFS APX16DWV-	3	6.546	7.201	0.53	0.80	11.93	0.000	0.000	85.90	0.00	0.00	698.14
135.0	RFS ATMAA1412D-	3	6.546	7.201	0.26	0.80	1.26	0.000	0.000	9.10	0.00	0.00	203.03
135.0	RFS ATMPP1412D-	3	6.546	7.201	0.26	0.80	1.27	0.000	0.000	9.17	0.00	0.00	190.46
144.0	RFS APXV18-206517S-	3	6.668	7.335	0.54	0.80	11.17	0.000	0.000	81.95	0.00	0.00	610.24
150.0	12' Omni	1	6.822	7.505	0.75	0.75	6.38	0.000	6.000	47.85	0.00	287.13	270.22
150.0	6' Yagi	1	6.746	7.421	0.75	0.75	20.53	0.000	0.000	152.32	0.00	0.00	217.97
150.0	Andrew ABT-DMDF-	3	6.746	7.421	0.25	0.75	0.15	0.000	0.000	1.12	0.00	0.00	33.45
150.0	Andrew SBNH-	1	6.746	7.421	0.52	0.75	7.18	0.000	0.000	53.29	0.00	0.00	452.43
150.0	Ericsson RRUS 11	6	6.746	7.421	0.25	0.75	5.15	0.000	0.000	38.19	0.00	0.00	1,065.09
150.0	Flat Platform w/ Han	1	6.746	7.421	0.95	1.00	66.90	0.000	0.000	496.46	0.00	0.00	3,848.78
150.0	Powerwave 7770.00A	6	6.746	7.421	0.57	0.75	24.00	0.000	0.000	178.14	0.00	0.00	1,420.92
150.0	Powerwave P65-17-	3	6.746	7.421	0.50	0.75	20.65	0.000	0.000	153.21	0.00	0.00	1,276.69
150.0	Powerwave TT19-	6	6.746	7.421	0.25	0.75	1.53	0.000	0.000	11.39	0.00	0.00	368.59
150.0	Raycap DC6-48-60-18-	1	6.746	7.421	0.38	0.75	1.16	0.000	0.000	8.62	0.00	0.00	172.80
150.0	Telewave ANT450D6-9	1	6.784	7.463	0.75	0.75	7.11	0.000	2.958	53.03	0.00	156.88	-10.47
										1,970.82			13,531.94

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

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

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

Linear Appurtenance Segment Forces (Factored)

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

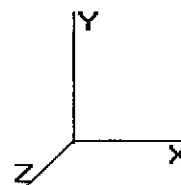
Pole : 302488
 Location : Cntrn - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156707 (in/ft)

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

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Load Case: 1.2D + 1.0Di + 1.0Wi

50.00 mph with 1.00 in Radial Ice

41 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

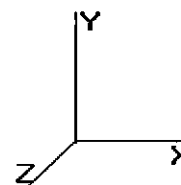
Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.929	0.126	1.079	0.00	59.57
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.957	0.127	1.081	0.00	59.67
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	4.984	0.128	1.083	0.00	59.76
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.012	0.128	1.085	0.00	59.86
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.039	0.129	1.087	0.00	59.95
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.065	0.130	1.089	0.00	60.04
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.091	0.131	1.092	0.00	60.13
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.117	0.131	1.094	0.00	60.22
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.142	0.132	1.096	0.00	60.31
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.168	0.133	1.098	0.00	60.39
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.193	0.133	1.100	0.00	60.48
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.68	0.00	5.217	0.134	1.102	0.00	60.56
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.241	0.135	1.105	0.00	60.64
63.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.265	0.136	1.107	0.00	60.72
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.289	0.136	1.109	0.00	60.80
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.313	0.137	1.111	0.00	60.88
66.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.336	0.138	1.114	0.00	60.96
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.359	0.139	1.116	0.00	61.04
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.382	0.139	1.118	0.00	61.11
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.404	0.140	1.121	0.00	61.19
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.426	0.141	1.123	0.00	61.26
70.00	(12) 1 5/8" Coax	Yes	0.00	0.000	3.96	0.00	0.00	5.426	0.141	1.124	0.00	0.02
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.448	0.142	1.126	0.00	61.31
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.470	0.143	1.128	0.00	61.40
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.492	0.144	1.131	0.00	61.47
73.50	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.35	0.00	5.502	0.144	1.133	0.00	30.78
74.00	(12) 1 5/8" Coax	Yes	0.50	0.000	3.96	0.35	0.00	5.513	0.142	1.126	0.00	30.75
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.534	0.143	1.128	0.00	61.61
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.555	0.143	1.130	0.00	61.68
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.576	0.144	1.133	0.00	61.75
78.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.597	0.145	1.135	0.00	61.82
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.617	0.146	1.138	0.00	61.88
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.637	0.147	1.141	0.00	61.95
81.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.69	0.00	5.657	0.148	1.143	0.00	62.01
82.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.677	0.149	1.146	0.00	62.08
83.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.697	0.150	1.149	0.00	62.14
84.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.716	0.150	1.151	0.00	62.20
85.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.736	0.151	1.154	0.00	62.27
86.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.755	0.152	1.157	0.00	62.33
87.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.774	0.153	1.160	0.00	62.39
88.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.793	0.154	1.163	0.00	62.45
89.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.812	0.155	1.166	0.00	62.51
90.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.830	0.156	1.169	0.00	62.57
91.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.849	0.157	1.172	0.00	62.62
92.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.867	0.158	1.175	0.00	62.68
93.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.885	0.159	1.178	0.00	62.74
94.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.903	0.160	1.181	0.00	62.80
95.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.921	0.161	1.184	0.00	62.85
96.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.939	0.162	1.187	0.00	62.91
97.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.956	0.164	1.191	0.00	62.96
98.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.974	0.165	1.194	0.00	63.02
99.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	5.991	0.166	1.197	0.00	63.07
100.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.008	0.167	1.201	0.00	63.13
101.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.026	0.168	1.204	0.00	63.18
102.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.043	0.169	1.208	0.00	63.23
103.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.059	0.170	1.211	0.00	63.28
104.0	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.076	0.172	1.215	0.00	63.34

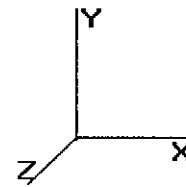


105.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.093	0.173	1.219	0.00	63.39
106.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.109	0.174	1.222	0.00	63.44
107.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.70	0.00	6.126	0.175	1.226	0.00	63.49
108.0	(12)	1 5/8"	Coax	Yes	1.00	0.000	3.96	0.71	0.00	6.142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

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

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

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

Applied Segment Forces Summary

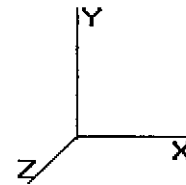
Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	19.40	324.37	0.00	0.00
2.00	19.42	330.78	0.00	0.00
3.00	19.40	334.32	0.00	0.00
4.00	19.37	336.63	0.00	0.00
5.00	19.33	338.23	0.00	0.00
6.00	19.28	339.38	0.00	0.00
7.00	19.23	340.20	0.00	0.00
8.00	19.17	340.78	0.00	0.00
9.00	19.12	341.17	0.00	0.00
10.00	127.94	643.21	0.00	0.00
11.00	19.00	341.49	0.00	0.00
12.00	18.94	341.51	0.00	0.00
13.00	18.87	341.43	0.00	0.00
14.00	18.81	341.28	0.00	0.00
15.00	18.75	341.06	0.00	0.00
16.00	18.68	340.79	0.00	0.00
17.00	18.62	340.46	0.00	0.00
18.00	18.55	340.08	0.00	0.00
19.00	18.48	339.67	0.00	0.00
20.00	18.42	339.21	0.00	0.00
21.00	18.35	338.72	0.00	0.00
22.00	18.28	338.20	0.00	0.00
23.00	18.21	337.66	0.00	0.00
24.00	18.15	337.08	0.00	0.00
25.00	18.08	336.48	0.00	0.00
26.00	18.01	335.86	0.00	0.00
27.00	17.94	335.21	0.00	0.00
28.00	17.87	334.55	0.00	0.00
29.00	17.80	333.87	0.00	0.00
30.00	17.75	333.17	0.00	0.00
31.00	17.84	332.45	0.00	0.00
31.50	8.94	166.06	0.00	0.00
32.00	9.11	233.74	0.00	0.00
33.00	18.33	466.76	0.00	0.00
34.00	18.42	465.36	0.00	0.00
35.00	18.50	463.94	0.00	0.00
35.67	12.36	308.66	0.00	0.00
36.00	6.18	102.32	0.00	0.00
37.00	18.64	306.82	0.00	0.00
38.00	18.71	306.14	0.00	0.00
39.00	18.77	305.46	0.00	0.00
40.00	18.83	304.76	0.00	0.00
41.00	18.89	304.05	0.00	0.00
42.00	18.94	303.33	0.00	0.00
43.00	18.99	302.60	0.00	0.00
44.00	19.03	301.87	0.00	0.00
45.00	19.07	301.12	0.00	0.00
46.00	19.11	300.37	0.00	0.00
47.00	19.15	299.61	0.00	0.00

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

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

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

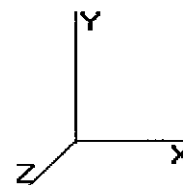
48.00	19.18	298.84	0.00	0.00
49.00	19.21	298.07	0.00	0.00
50.00	19.24	297.29	0.00	0.00
51.00	19.27	296.50	0.00	0.00
52.00	19.29	295.70	0.00	0.00
53.00	19.31	294.90	0.00	0.00
54.00	19.33	294.09	0.00	0.00
55.00	19.34	293.28	0.00	0.00
56.00	19.35	292.46	0.00	0.00
57.00	19.37	291.64	0.00	0.00
58.00	19.37	290.81	0.00	0.00
59.00	19.38	289.97	0.00	0.00
60.00	19.39	289.13	0.00	0.00
61.00	19.39	288.29	0.00	0.00
62.00	19.39	287.44	0.00	0.00
63.00	19.39	286.58	0.00	0.00
64.00	19.38	285.72	0.00	0.00
65.00	19.38	284.86	0.00	0.00
66.00	19.37	283.99	0.00	0.00
67.00	19.37	283.12	0.00	0.00
68.00	19.35	282.25	0.00	0.00
69.00	19.34	281.37	0.00	0.00
70.00	19.33	280.48	0.00	0.00
70.00	0.01	0.09	0.00	0.00
71.00	19.62	370.31	0.00	0.00
72.00	19.61	369.03	0.00	0.00
73.00	19.59	367.62	0.00	0.00
73.50	9.79	183.44	0.00	0.00
74.00	9.77	129.09	0.00	0.00
75.00	19.55	257.72	0.00	0.00
76.00	19.53	256.95	0.00	0.00
77.00	19.51	256.17	0.00	0.00
78.00	19.49	255.39	0.00	0.00
79.00	19.46	254.61	0.00	0.00
80.00	19.43	253.82	0.00	0.00
81.00	19.40	253.03	0.00	0.00
82.00	19.37	252.24	0.00	0.00
83.00	19.34	251.45	0.00	0.00
84.00	19.31	250.65	0.00	0.00
85.00	19.28	249.85	0.00	0.00
86.00	19.24	249.05	0.00	0.00
87.00	19.21	248.24	0.00	0.00
88.00	19.17	247.43	0.00	0.00
89.00	19.13	246.62	0.00	0.00
90.00	19.09	245.81	0.00	0.00
91.00	19.05	244.99	0.00	0.00
92.00	19.01	244.18	0.00	0.00
93.00	18.96	243.36	0.00	0.00
94.00	18.92	242.53	0.00	0.00
95.00	18.87	241.71	0.00	0.00
96.00	18.83	240.88	0.00	0.00
97.00	18.78	240.05	0.00	0.00
98.00	18.73	239.22	0.00	0.00
99.00	18.68	238.39	0.00	0.00
100.0	18.63	237.55	0.00	0.00
101.0	18.58	236.71	0.00	0.00
102.0	18.53	235.87	0.00	0.00

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

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

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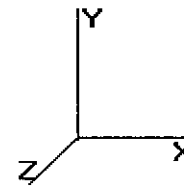
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	41 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

103.0	18.47	235.03	0.00	0.00
104.0	18.42	234.19	0.00	0.00
105.0	18.36	233.34	0.00	0.00
106.0	18.31	232.49	0.00	0.00
107.0	18.25	231.64	0.00	0.00
108.0	18.19	230.79	0.00	0.00
109.0	18.13	229.94	0.00	0.00
110.0	18.07	229.08	0.00	0.00
110.0	0.01	0.08	0.00	0.00
111.0	18.01	211.10	0.00	0.00
112.0	17.95	210.44	0.00	0.00
113.0	17.89	209.71	0.00	0.00
114.0	17.82	208.98	0.00	0.00
115.0	17.76	208.24	0.00	0.00
116.0	17.70	207.51	0.00	0.00
117.0	17.63	206.77	0.00	0.00
118.0	17.56	206.03	0.00	0.00
119.0	17.50	205.29	0.00	0.00
120.0	129.92	159.81	0.00	194.16
121.0	17.36	203.40	0.00	0.00
122.0	17.29	202.66	0.00	0.00
123.0	17.22	201.91	0.00	0.00
124.0	17.15	201.16	0.00	0.00
125.0	23.08	200.41	0.00	0.00
126.0	23.02	199.66	0.00	0.00
127.0	22.97	198.90	0.00	0.00
128.0	22.91	198.15	0.00	0.00
129.0	22.85	197.39	0.00	0.00
130.0	22.79	196.64	0.00	0.00
131.0	22.73	195.88	0.00	0.00
132.0	22.67	195.12	0.00	0.00
133.0	22.60	194.36	0.00	0.00
134.0	22.54	193.59	0.00	0.00
135.0	496.35	3,741.01	0.00	0.00
136.0	16.23	127.26	0.00	0.00
137.0	16.15	126.45	0.00	0.00
138.0	16.07	125.64	0.00	0.00
139.0	15.98	124.84	0.00	0.00
140.0	15.90	124.03	0.00	0.00
141.0	15.82	123.21	0.00	0.00
142.0	15.73	122.40	0.00	0.00
143.0	15.65	121.59	0.00	0.00
144.0	97.51	731.01	0.00	0.00
145.0	15.48	114.06	0.00	0.00
146.0	15.39	113.24	0.00	0.00
147.0	15.30	112.42	0.00	0.00
148.0	15.22	111.60	0.00	0.00
149.0	15.13	110.79	0.00	0.00
150.0	1,208.66	9,226.43	0.00	444.01
Totals:	4,784.89	53,238.79	0.00	638.17

Pole : 302488
 Location : Cntrn - Canton, CT
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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	41 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-53.24	-4.79	0.00	-609.05	0.00	609.05	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.273
1.00	-52.91	-4.80	0.00	-604.25	0.00	604.25	3,148.69	1,574.34	4,778.83	2,360.09	0.00	-0.02	0.273
2.00	-52.58	-4.80	0.00	-599.46	0.00	599.46	3,140.16	1,570.08	4,745.43	2,343.59	0.01	-0.04	0.273
3.00	-52.24	-4.80	0.00	-594.66	0.00	594.66	3,131.60	1,565.80	4,712.07	2,327.11	0.02	-0.07	0.272
4.00	-51.90	-4.80	0.00	-589.87	0.00	589.87	3,123.00	1,561.50	4,678.76	2,310.67	0.04	-0.09	0.272
5.00	-51.56	-4.80	0.00	-585.07	0.00	585.07	3,114.35	1,557.18	4,645.51	2,294.24	0.06	-0.11	0.272
6.00	-51.22	-4.80	0.00	-580.27	0.00	580.27	3,105.66	1,552.83	4,612.30	2,277.84	0.08	-0.13	0.271
7.00	-50.88	-4.80	0.00	-575.48	0.00	575.48	3,096.94	1,548.47	4,579.15	2,261.47	0.12	-0.16	0.271
8.00	-50.54	-4.80	0.00	-570.68	0.00	570.68	3,088.17	1,544.08	4,546.04	2,245.12	0.15	-0.18	0.271
9.00	-50.20	-4.80	0.00	-565.88	0.00	565.88	3,079.35	1,539.68	4,513.00	2,228.80	0.19	-0.20	0.270
10.00	-49.55	-4.69	0.00	-561.08	0.00	561.08	3,070.50	1,535.25	4,480.00	2,212.50	0.24	-0.23	0.270
11.00	-49.21	-4.69	0.00	-556.40	0.00	556.40	3,061.60	1,530.80	4,447.06	2,196.24	0.29	-0.25	0.269
12.00	-48.86	-4.69	0.00	-551.71	0.00	551.71	3,052.67	1,526.33	4,414.18	2,180.00	0.34	-0.27	0.269
13.00	-48.52	-4.69	0.00	-547.02	0.00	547.02	3,043.69	1,521.84	4,381.36	2,163.79	0.40	-0.30	0.269
14.00	-48.18	-4.68	0.00	-542.34	0.00	542.34	3,034.67	1,517.33	4,348.59	2,147.60	0.46	-0.32	0.268
15.00	-47.83	-4.68	0.00	-537.65	0.00	537.65	3,025.61	1,512.80	4,315.88	2,131.45	0.53	-0.34	0.268
16.00	-47.49	-4.68	0.00	-532.97	0.00	532.97	3,016.50	1,508.25	4,283.22	2,115.32	0.61	-0.37	0.268
17.00	-47.15	-4.68	0.00	-528.29	0.00	528.29	3,007.36	1,503.68	4,250.63	2,099.23	0.69	-0.39	0.267
18.00	-46.81	-4.68	0.00	-523.60	0.00	523.60	2,998.17	1,499.09	4,218.10	2,083.16	0.77	-0.41	0.267
19.00	-46.47	-4.68	0.00	-518.92	0.00	518.92	2,988.94	1,494.47	4,185.63	2,067.13	0.86	-0.44	0.267
20.00	-46.13	-4.68	0.00	-514.25	0.00	514.25	2,979.67	1,489.84	4,153.23	2,051.12	0.96	-0.46	0.266
21.00	-45.78	-4.68	0.00	-509.57	0.00	509.57	2,970.36	1,485.18	4,120.88	2,035.15	1.06	-0.49	0.266
22.00	-45.44	-4.67	0.00	-504.89	0.00	504.89	2,961.01	1,480.50	4,088.60	2,019.21	1.16	-0.51	0.265
23.00	-45.11	-4.67	0.00	-500.22	0.00	500.22	2,951.61	1,475.81	4,056.39	2,003.30	1.27	-0.54	0.265
24.00	-44.77	-4.67	0.00	-495.55	0.00	495.55	2,942.18	1,471.09	4,024.24	1,987.42	1.38	-0.56	0.265
25.00	-44.43	-4.67	0.00	-490.88	0.00	490.88	2,932.70	1,466.35	3,992.16	1,971.58	1.50	-0.59	0.264
26.00	-44.09	-4.67	0.00	-486.21	0.00	486.21	2,923.18	1,461.59	3,960.14	1,955.76	1.63	-0.61	0.264
27.00	-43.75	-4.66	0.00	-481.54	0.00	481.54	2,913.62	1,456.81	3,928.19	1,939.99	1.76	-0.64	0.263
28.00	-43.42	-4.66	0.00	-476.88	0.00	476.88	2,903.09	1,451.54	3,895.07	1,923.63	1.90	-0.66	0.263
29.00	-43.08	-4.66	0.00	-472.22	0.00	472.22	2,889.14	1,444.57	3,857.52	1,905.08	2.04	-0.69	0.263
30.00	-42.75	-4.65	0.00	-467.56	0.00	467.56	2,875.19	1,437.60	3,820.15	1,886.63	2.18	-0.71	0.263
31.00	-42.41	-4.65	0.00	-462.91	0.00	462.91	2,861.24	1,430.62	3,782.96	1,868.26	2.34	-0.74	0.263
31.50	-42.25	-4.65	0.00	-460.58	0.00	460.58	2,854.27	1,427.13	3,764.43	1,859.11	2.41	-0.75	0.263
32.00	-42.01	-4.65	0.00	-458.26	0.00	458.26	2,847.30	1,423.65	3,745.96	1,849.99	2.49	-0.76	0.262
33.00	-41.54	-4.64	0.00	-453.62	0.00	453.62	2,833.35	1,416.67	3,709.14	1,831.80	2.65	-0.79	0.262
34.00	-41.07	-4.64	0.00	-448.98	0.00	448.98	2,819.40	1,409.70	3,672.50	1,813.71	2.82	-0.81	0.262
35.00	-40.61	-4.63	0.00	-444.34	0.00	444.34	2,805.45	1,402.73	3,636.04	1,795.70	3.00	-0.84	0.262
35.67	-40.30	-4.62	0.00	-441.26	0.00	441.26	2,253.07	1,126.53	2,980.49	1,471.95	3.11	-0.86	0.318
36.00	-40.20	-4.62	0.00	-439.72	0.00	439.72	2,250.82	1,125.41	2,972.64	1,468.07	3.17	-0.87	0.317
37.00	-39.89	-4.62	0.00	-435.09	0.00	435.09	2,244.05	1,122.03	2,949.06	1,456.43	3.36	-0.90	0.317
38.00	-39.58	-4.62	0.00	-430.47	0.00	430.47	2,237.24	1,118.62	2,925.52	1,444.81	3.55	-0.92	0.316
39.00	-39.27	-4.61	0.00	-425.86	0.00	425.86	2,230.38	1,115.19	2,902.02	1,433.20	3.75	-0.95	0.315
40.00	-38.96	-4.61	0.00	-421.24	0.00	421.24	2,223.48	1,111.74	2,878.55	1,421.61	3.95	-0.98	0.314
41.00	-38.66	-4.61	0.00	-416.63	0.00	416.63	2,216.55	1,108.27	2,855.12	1,410.03	4.16	-1.01	0.313
42.00	-38.35	-4.60	0.00	-412.03	0.00	412.03	2,209.57	1,104.78	2,831.72	1,398.48	4.37	-1.04	0.312
43.00	-38.05	-4.60	0.00	-407.43	0.00	407.43	2,202.55	1,101.27	2,808.36	1,386.94	4.60	-1.07	0.311
44.00	-37.74	-4.59	0.00	-402.83	0.00	402.83	2,195.48	1,097.74	2,785.04	1,375.43	4.82	-1.10	0.310
45.00	-37.44	-4.59	0.00	-398.24	0.00	398.24	2,188.38	1,094.19	2,761.76	1,363.93	5.06	-1.13	0.309
46.00	-37.14	-4.58	0.00	-393.65	0.00	393.65	2,181.23	1,090.62	2,738.52	1,352.45	5.30	-1.16	0.308
47.00	-36.84	-4.58	0.00	-389.07	0.00	389.07	2,174.04	1,087.02	2,715.33	1,341.00	5.55	-1.20	0.307
48.00	-36.54	-4.57	0.00	-384.49	0.00	384.49	2,166.81	1,083.41	2,692.17	1,329.56	5.80	-1.23	0.306

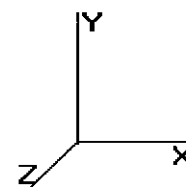
Pole : 302488
Location : Cntrn - Canton, CT
Height : 150.0 (ft)
Base Dia : 37.38 (in)
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Load Case: 1.2D + 1.0Di + 1.0Wi

50.00 mph with 1.00 in Radial Ice

41 Iterations

Gust Response Factor : 1.10

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Ice Importance Factor : 1.00

Wind Load Factor : 1.00

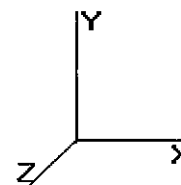
49.00	-36.24	-4.56	0.00	-379.92	0.00	379.92	2,159.54	1,079.77	2,669.06	1,318.15	6.06	-1.26	0.305
50.00	-35.94	-4.56	0.00	-375.36	0.00	375.36	2,152.23	1,076.12	2,645.99	1,306.75	6.33	-1.29	0.304
51.00	-35.64	-4.55	0.00	-370.80	0.00	370.80	2,144.88	1,072.44	2,622.96	1,295.38	6.60	-1.32	0.303
52.00	-35.34	-4.54	0.00	-366.25	0.00	366.25	2,137.48	1,068.74	2,599.98	1,284.03	6.88	-1.35	0.302
53.00	-35.04	-4.54	0.00	-361.71	0.00	361.71	2,130.04	1,065.02	2,577.05	1,272.71	7.17	-1.38	0.301
54.00	-34.75	-4.53	0.00	-357.17	0.00	357.17	2,122.57	1,061.28	2,554.16	1,261.41	7.46	-1.41	0.300
55.00	-34.45	-4.52	0.00	-352.64	0.00	352.64	2,115.04	1,057.52	2,531.33	1,250.13	7.76	-1.44	0.298
56.00	-34.16	-4.51	0.00	-348.12	0.00	348.12	2,107.48	1,053.74	2,508.54	1,238.87	8.06	-1.48	0.297
57.00	-33.87	-4.51	0.00	-343.61	0.00	343.61	2,099.88	1,049.94	2,485.79	1,227.64	8.38	-1.51	0.296
58.00	-33.57	-4.50	0.00	-339.10	0.00	339.10	2,092.23	1,046.12	2,463.10	1,216.43	8.70	-1.54	0.295
59.00	-33.28	-4.49	0.00	-334.60	0.00	334.60	2,084.55	1,042.27	2,440.47	1,205.25	9.02	-1.57	0.294
60.00	-32.99	-4.48	0.00	-330.11	0.00	330.11	2,076.82	1,038.41	2,417.88	1,194.10	9.35	-1.60	0.292
61.00	-32.70	-4.47	0.00	-325.64	0.00	325.64	2,069.05	1,034.52	2,395.34	1,182.97	9.69	-1.63	0.291
62.00	-32.41	-4.46	0.00	-321.17	0.00	321.17	2,061.24	1,030.62	2,372.86	1,171.87	10.04	-1.67	0.290
63.00	-32.12	-4.45	0.00	-316.71	0.00	316.71	2,053.38	1,026.69	2,350.43	1,160.79	10.39	-1.70	0.288
64.00	-31.84	-4.44	0.00	-312.25	0.00	312.25	2,045.49	1,022.74	2,328.06	1,149.74	10.75	-1.73	0.287
65.00	-31.55	-4.43	0.00	-307.81	0.00	307.81	2,037.55	1,018.78	2,305.74	1,138.72	11.12	-1.76	0.286
66.00	-31.26	-4.42	0.00	-303.38	0.00	303.38	2,029.57	1,014.79	2,283.48	1,127.73	11.49	-1.80	0.284
67.00	-30.98	-4.41	0.00	-298.96	0.00	298.96	2,020.20	1,010.10	2,259.76	1,116.01	11.87	-1.83	0.283
68.00	-30.69	-4.40	0.00	-294.55	0.00	294.55	2,008.55	1,004.28	2,233.65	1,103.11	12.26	-1.86	0.282
69.00	-30.41	-4.39	0.00	-290.15	0.00	290.15	1,996.91	998.46	2,207.68	1,090.29	12.65	-1.89	0.281
70.00	-30.13	-4.37	0.00	-285.77	0.00	285.77	1,985.27	992.64	2,181.87	1,077.54	13.05	-1.93	0.280
70.00	-30.13	-4.38	0.00	-285.77	0.00	285.77	1,985.27	992.63	2,181.86	1,077.54	13.05	-1.93	0.280
71.00	-29.76	-4.36	0.00	-281.39	0.00	281.39	1,973.63	986.81	2,156.21	1,064.87	13.46	-1.96	0.279
72.00	-29.39	-4.35	0.00	-277.03	0.00	277.03	1,961.99	980.99	2,130.70	1,052.27	13.87	-1.99	0.278
73.00	-29.02	-4.33	0.00	-272.68	0.00	272.68	1,950.35	975.17	2,105.34	1,039.75	14.29	-2.03	0.277
73.50	-28.83	-4.32	0.00	-270.52	0.00	270.52	1,473.98	736.99	1,624.61	802.34	14.50	-2.04	0.357
74.00	-28.70	-4.32	0.00	-268.36	0.00	268.36	1,471.43	735.71	1,617.01	798.58	14.72	-2.06	0.356
75.00	-28.44	-4.31	0.00	-264.04	0.00	264.04	1,466.30	733.15	1,601.81	791.07	15.15	-2.10	0.353
76.00	-28.18	-4.30	0.00	-259.74	0.00	259.74	1,461.12	730.56	1,586.63	783.58	15.60	-2.14	0.351
77.00	-27.93	-4.29	0.00	-255.44	0.00	255.44	1,455.91	727.95	1,571.48	776.09	16.05	-2.18	0.348
78.00	-27.67	-4.28	0.00	-251.15	0.00	251.15	1,450.65	725.33	1,556.35	768.62	16.51	-2.21	0.346
79.00	-27.41	-4.27	0.00	-246.87	0.00	246.87	1,445.35	722.68	1,541.24	761.16	16.98	-2.25	0.343
80.00	-27.16	-4.26	0.00	-242.61	0.00	242.61	1,440.02	720.01	1,526.16	753.71	17.45	-2.29	0.341
81.00	-26.90	-4.25	0.00	-238.35	0.00	238.35	1,434.63	717.32	1,511.10	746.28	17.94	-2.33	0.338
82.00	-26.65	-4.23	0.00	-234.11	0.00	234.11	1,429.21	714.61	1,496.07	738.85	18.43	-2.37	0.336
83.00	-26.39	-4.22	0.00	-229.87	0.00	229.87	1,423.75	711.87	1,481.07	731.44	18.93	-2.41	0.333
84.00	-26.14	-4.21	0.00	-225.65	0.00	225.65	1,418.24	709.12	1,466.10	724.05	19.44	-2.45	0.330
85.00	-25.89	-4.20	0.00	-221.44	0.00	221.44	1,412.69	706.35	1,451.15	716.67	19.96	-2.49	0.327
86.00	-25.64	-4.18	0.00	-217.25	0.00	217.25	1,407.10	703.55	1,436.24	709.30	20.48	-2.53	0.325
87.00	-25.39	-4.17	0.00	-213.06	0.00	213.06	1,401.47	700.74	1,421.35	701.95	21.02	-2.57	0.322
88.00	-25.14	-4.16	0.00	-208.89	0.00	208.89	1,395.80	697.90	1,406.50	694.62	21.56	-2.61	0.319
89.00	-24.89	-4.15	0.00	-204.73	0.00	204.73	1,390.09	695.04	1,391.68	687.30	22.11	-2.65	0.316
90.00	-24.64	-4.13	0.00	-200.59	0.00	200.59	1,384.33	692.17	1,376.89	679.99	22.66	-2.68	0.313
91.00	-24.40	-4.12	0.00	-196.45	0.00	196.45	1,378.53	689.27	1,362.14	672.71	23.23	-2.72	0.310
92.00	-24.15	-4.10	0.00	-192.34	0.00	192.34	1,372.69	686.35	1,347.42	665.44	23.81	-2.76	0.307
93.00	-23.91	-4.09	0.00	-188.23	0.00	188.23	1,366.81	683.41	1,332.73	658.19	24.39	-2.80	0.304
94.00	-23.66	-4.07	0.00	-184.15	0.00	184.15	1,360.89	680.45	1,318.09	650.95	24.98	-2.84	0.300
95.00	-23.42	-4.06	0.00	-180.07	0.00	180.07	1,354.93	677.46	1,303.48	643.74	25.58	-2.88	0.297
96.00	-23.18	-4.04	0.00	-176.01	0.00	176.01	1,348.92	674.46	1,288.91	636.54	26.18	-2.92	0.294
97.00	-22.94	-4.03	0.00	-171.97	0.00	171.97	1,342.88	671.44	1,274.37	629.37	26.80	-2.96	0.290
98.00	-22.69	-4.01	0.00	-167.94	0.00	167.94	1,336.79	668.39	1,259.88	622.21	27.42	-2.99	0.287
99.00	-22.45	-4.00	0.00	-163.93	0.00	163.93	1,330.66	665.33	1,245.43	615.07	28.05	-3.03	0.283
100.00	-22.22	-3.98	0.00	-159.93	0.00	159.93	1,324.49	662.24	1,231.02	607.95	28.69	-3.07	0.280
101.00	-21.98	-3.96	0.00	-155.96	0.00	155.96	1,318.27	659.14	1,216.65	600.86	29.34	-3.11	0.276
102.00	-21.74	-3.95	0.00	-151.99	0.00	151.99	1,312.02	656.01	1,202.32	593.78	29.99	-3.15	0.273
103.00	-21.50	-3.93	0.00	-148.05	0.00	148.05	1,305.72	652.86	1,188.04	586.73	30.66	-3.18	0.269

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

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

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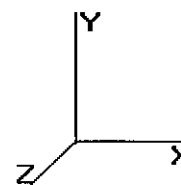
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	41 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

104.00	-21.27	-3.91	0.00	-144.12	0.00	144.12	1,299.38	649.69	1,173.80	579.70	31.33	-3.22	0.265
105.00	-21.03	-3.89	0.00	-140.21	0.00	140.21	1,293.00	646.50	1,159.61	572.69	32.01	-3.26	0.261
106.00	-20.80	-3.87	0.00	-136.32	0.00	136.32	1,284.34	642.17	1,143.47	564.72	32.69	-3.30	0.258
107.00	-20.57	-3.86	0.00	-132.44	0.00	132.44	1,275.04	637.52	1,126.88	556.52	33.39	-3.33	0.254
108.00	-20.34	-3.84	0.00	-128.59	0.00	128.59	1,265.74	632.87	1,110.41	548.39	34.09	-3.37	0.251
109.00	-20.11	-3.82	0.00	-124.75	0.00	124.75	1,256.45	628.22	1,094.06	540.31	34.80	-3.40	0.247
110.00	-19.88	-3.79	0.00	-120.93	0.00	120.93	1,247.15	623.57	1,077.83	532.30	35.51	-3.44	0.243
110.00	-19.88	-3.80	0.00	-120.93	0.00	120.93	1,247.14	623.57	1,077.83	532.30	35.51	-3.44	0.243
110.00	-19.88	-3.80	0.00	-120.93	0.00	120.93	853.24	426.62	741.79	366.34	35.51	-3.44	0.353
111.00	-19.66	-3.78	0.00	-117.13	0.00	117.13	849.68	424.84	733.16	362.08	36.24	-3.48	0.347
112.00	-19.45	-3.77	0.00	-113.35	0.00	113.35	846.07	423.04	724.53	357.82	36.97	-3.52	0.340
113.00	-19.24	-3.75	0.00	-109.58	0.00	109.58	842.42	421.21	715.91	353.56	37.71	-3.57	0.333
114.00	-19.03	-3.74	0.00	-105.83	0.00	105.83	838.73	419.37	707.31	349.31	38.46	-3.61	0.326
115.00	-18.82	-3.72	0.00	-102.10	0.00	102.10	835.00	417.50	698.72	345.07	39.23	-3.66	0.318
116.00	-18.61	-3.70	0.00	-98.38	0.00	98.38	831.23	415.61	690.14	340.83	40.00	-3.70	0.311
117.00	-18.40	-3.69	0.00	-94.67	0.00	94.67	827.41	413.71	681.58	336.61	40.78	-3.75	0.304
118.00	-18.20	-3.67	0.00	-90.99	0.00	90.99	823.55	411.78	673.03	332.38	41.56	-3.79	0.296
119.00	-17.99	-3.65	0.00	-87.32	0.00	87.32	819.65	409.83	664.50	328.17	42.36	-3.83	0.288
120.00	-17.84	-3.52	0.00	-83.48	0.00	83.48	815.71	407.86	655.99	323.97	43.17	-3.87	0.280
121.00	-17.63	-3.50	0.00	-79.95	0.00	79.95	811.73	405.87	647.49	319.77	43.98	-3.91	0.272
122.00	-17.43	-3.49	0.00	-76.45	0.00	76.45	807.71	403.85	639.02	315.59	44.81	-3.95	0.264
123.00	-17.23	-3.47	0.00	-72.97	0.00	72.97	803.64	401.82	630.56	311.41	45.64	-3.99	0.256
124.00	-17.03	-3.45	0.00	-69.50	0.00	69.50	799.54	399.77	622.13	307.25	46.48	-4.03	0.248
125.00	-16.82	-3.42	0.00	-66.06	0.00	66.06	795.39	397.69	613.72	303.09	47.33	-4.07	0.239
126.00	-16.63	-3.39	0.00	-62.64	0.00	62.64	791.20	395.60	605.32	298.95	48.18	-4.10	0.231
127.00	-16.43	-3.36	0.00	-59.25	0.00	59.25	786.97	393.48	596.96	294.81	49.04	-4.14	0.222
128.00	-16.23	-3.34	0.00	-55.88	0.00	55.88	782.70	391.35	588.61	290.69	49.91	-4.17	0.213
129.00	-16.03	-3.31	0.00	-52.54	0.00	52.54	778.38	389.19	580.29	286.58	50.79	-4.21	0.204
130.00	-15.84	-3.28	0.00	-49.23	0.00	49.23	774.03	387.01	572.00	282.49	51.68	-4.24	0.195
131.00	-15.64	-3.25	0.00	-45.95	0.00	45.95	769.63	384.81	563.73	278.41	52.57	-4.27	0.185
132.00	-15.45	-3.22	0.00	-42.70	0.00	42.70	765.19	382.59	555.49	274.34	53.46	-4.30	0.176
133.00	-15.25	-3.19	0.00	-39.48	0.00	39.48	760.71	380.35	547.28	270.28	54.36	-4.32	0.166
134.00	-15.06	-3.16	0.00	-36.29	0.00	36.29	756.19	378.09	539.10	266.24	55.27	-4.35	0.156
135.00	-11.37	-2.39	0.00	-33.13	0.00	33.13	751.62	375.81	530.94	262.21	56.18	-4.38	0.142
136.00	-11.24	-2.37	0.00	-30.74	0.00	30.74	747.02	373.51	522.82	258.20	57.10	-4.40	0.134
137.00	-11.11	-2.34	0.00	-28.38	0.00	28.38	742.37	371.18	514.73	254.20	58.03	-4.42	0.127
138.00	-10.99	-2.32	0.00	-26.03	0.00	26.03	737.68	368.84	506.67	250.22	58.95	-4.44	0.119
139.00	-10.86	-2.30	0.00	-23.71	0.00	23.71	732.95	366.47	498.64	246.26	59.89	-4.46	0.111
140.00	-10.74	-2.28	0.00	-21.41	0.00	21.41	728.18	364.09	490.64	242.31	60.82	-4.48	0.103
141.00	-10.62	-2.26	0.00	-19.14	0.00	19.14	721.95	360.98	481.74	237.92	61.76	-4.50	0.095
142.00	-10.50	-2.23	0.00	-16.88	0.00	16.88	714.98	357.49	472.43	233.32	62.70	-4.51	0.087
143.00	-10.38	-2.21	0.00	-14.65	0.00	14.65	708.01	354.00	463.21	228.76	63.65	-4.53	0.079
144.00	-9.66	-2.06	0.00	-12.44	0.00	12.44	701.03	350.52	454.07	224.25	64.60	-4.54	0.069
145.00	-9.54	-2.03	0.00	-10.38	0.00	10.38	694.06	347.03	445.03	219.78	65.55	-4.55	0.061
146.00	-9.43	-2.01	0.00	-8.35	0.00	8.35	687.08	343.54	436.08	215.36	66.50	-4.56	0.053
147.00	-9.32	-1.99	0.00	-6.34	0.00	6.34	680.11	340.05	427.22	210.99	67.46	-4.57	0.044
148.00	-9.21	-1.96	0.00	-4.35	0.00	4.35	673.14	336.57	418.45	206.66	68.41	-4.57	0.035
149.00	-9.10	-1.94	0.00	-2.39	0.00	2.39	666.16	333.08	409.77	202.37	69.37	-4.58	0.025
150.00	0.00	-1.21	0.00	-0.44	0.00	0.44	659.19	329.59	401.19	198.13	70.33	-4.58	0.002

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

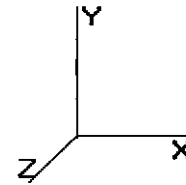
Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	161.88	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	6.129	6.742	161.20	1.000	* 0.000	1.00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

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

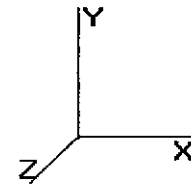
49.00		1.00	0.80	7.057	7.763	140.93	1.000	*	0.000	1.00	2.623	2.62	20.4	0.0	103.2
50.00		1.00	0.81	7.098	7.807	140.61	1.000	*	0.000	1.00	2.610	2.61	20.4	0.0	102.7
51.00		1.00	0.81	7.138	7.852	140.28	1.000	*	0.000	1.00	2.596	2.60	20.4	0.0	102.1
52.00		1.00	0.82	7.178	7.895	139.93	1.000	*	0.000	1.00	2.583	2.58	20.4	0.0	101.6
53.00		1.00	0.82	7.217	7.939	139.58	1.000	*	0.000	1.00	2.569	2.57	20.4	0.0	101.1
54.00		1.00	0.82	7.255	7.981	139.21	1.000	*	0.000	1.00	2.556	2.56	20.4	0.0	100.5
55.00		1.00	0.83	7.294	8.023	138.84	1.000	*	0.000	1.00	2.542	2.54	20.4	0.0	100.0
56.00		1.00	0.83	7.331	8.064	138.45	1.000	*	0.000	1.00	2.529	2.53	20.4	0.0	99.4
57.00		1.00	0.84	7.368	8.105	138.06	1.000	*	0.000	1.00	2.515	2.52	20.4	0.0	98.9
58.00		1.00	0.84	7.405	8.146	137.66	1.000	*	0.000	1.00	2.502	2.50	20.4	0.0	98.4
59.00		1.00	0.85	7.441	8.186	137.25	1.000	*	0.000	1.00	2.488	2.49	20.4	0.0	97.8
60.00		1.00	0.85	7.477	8.225	136.83	1.000	*	0.000	1.00	2.474	2.47	20.4	0.0	97.3
61.00		1.00	0.85	7.513	8.264	136.40	1.000	*	0.000	1.00	2.461	2.46	20.3	0.0	96.8
62.00		1.00	0.86	7.548	8.302	135.96	1.000	*	0.000	1.00	2.447	2.45	20.3	0.0	96.2
63.00		1.00	0.86	7.582	8.340	135.52	1.000	*	0.000	1.00	2.434	2.43	20.3	0.0	95.7
64.00		1.00	0.87	7.616	8.378	135.07	1.000	*	0.000	1.00	2.420	2.42	20.3	0.0	95.1
65.00		1.00	0.87	7.650	8.415	134.61	1.000	*	0.000	1.00	2.407	2.41	20.3	0.0	94.6
66.00		1.00	0.87	7.684	8.452	134.14	1.000	*	0.000	1.00	2.393	2.39	20.2	0.0	94.1
67.00		1.00	0.88	7.717	8.488	133.67	1.000	*	0.000	1.00	2.380	2.38	20.2	0.0	93.5
68.00		1.00	0.88	7.749	8.524	133.19	1.000	*	0.000	1.00	2.366	2.37	20.2	0.0	93.0
69.00		1.00	0.88	7.782	8.560	132.70	1.000	*	0.000	1.00	2.353	2.35	20.1	0.0	92.5
70.00		1.00	0.89	7.814	8.595	132.21	1.000	*	0.000	1.00	2.339	2.34	20.1	0.0	91.9
70.00	Bot - Section 3	1.00	0.89	7.814	8.595	132.21	1.000	*	0.000	0.00	0.001	0.00	0.0	0.0	0.0
71.00		1.00	0.89	7.846	8.630	131.71	1.000	*	0.000	1.00	2.368	2.37	20.4	0.0	165.9
72.00		1.00	0.90	7.877	8.665	131.20	1.000	*	0.000	1.00	2.355	2.36	20.4	0.0	164.9
73.00		1.00	0.90	7.908	8.699	130.69	1.000	*	0.000	1.00	2.342	2.34	20.4	0.0	164.0
73.50	Top - Section 2	1.00	0.90	7.924	8.716	130.43	1.000	*	0.000	0.50	1.167	1.17	10.2	0.0	81.7
74.00		1.00	0.90	7.939	8.733	132.64	1.000	*	0.000	0.50	1.162	1.16	10.1	0.0	36.5
75.00		1.00	0.91	7.969	8.766	132.12	1.000	*	0.000	1.00	2.315	2.31	20.3	0.0	72.8
76.00		1.00	0.91	8.000	8.800	131.59	1.000	*	0.000	1.00	2.301	2.30	20.3	0.0	72.4
77.00		1.00	0.91	8.030	8.833	131.06	1.000	*	0.000	1.00	2.288	2.29	20.2	0.0	72.0
78.00		1.00	0.92	8.059	8.865	130.53	1.000	*	0.000	1.00	2.274	2.27	20.2	0.0	71.5
79.00		1.00	0.92	8.089	8.897	129.98	1.000	*	0.000	1.00	2.261	2.26	20.1	0.0	71.1
80.00		1.00	0.92	8.118	8.930	129.44	1.000	*	0.000	1.00	2.247	2.25	20.1	0.0	70.7
81.00		1.00	0.93	8.147	8.961	128.88	1.000	*	0.000	1.00	2.234	2.23	20.0	0.0	70.2
82.00		1.00	0.93	8.175	8.993	128.33	1.000	*	0.000	1.00	2.220	2.22	20.0	0.0	69.8
83.00		1.00	0.93	8.204	9.024	127.76	1.000	*	0.000	1.00	2.207	2.21	19.9	0.0	69.4
84.00		1.00	0.94	8.232	9.055	127.20	1.000	*	0.000	1.00	2.193	2.19	19.9	0.0	68.9
85.00		1.00	0.94	8.260	9.086	126.62	1.000	*	0.000	1.00	2.180	2.18	19.8	0.0	68.5
86.00		1.00	0.94	8.287	9.116	126.05	1.000	*	0.000	1.00	2.166	2.17	19.7	0.0	68.1
87.00		1.00	0.95	8.315	9.146	125.46	1.000	*	0.000	1.00	2.153	2.15	19.7	0.0	67.7
88.00		1.00	0.95	8.342	9.176	124.88	1.000	*	0.000	1.00	2.139	2.14	19.6	0.0	67.2
89.00		1.00	0.95	8.369	9.206	124.29	1.000	*	0.000	1.00	2.126	2.13	19.6	0.0	66.8
90.00		1.00	0.95	8.396	9.235	123.69	1.000	*	0.000	1.00	2.112	2.11	19.5	0.0	66.4
91.00		1.00	0.96	8.422	9.264	123.09	1.000	*	0.000	1.00	2.099	2.10	19.4	0.0	65.9
92.00		1.00	0.96	8.448	9.293	122.49	1.000	*	0.000	1.00	2.085	2.08	19.4	0.0	65.5
93.00		1.00	0.96	8.475	9.322	121.88	1.000	*	0.000	1.00	2.071	2.07	19.3	0.0	65.1
94.00		1.00	0.97	8.501	9.351	121.26	1.000	*	0.000	1.00	2.058	2.06	19.2	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
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

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

104.0		1.00	0.99	8.750	9.625	114.92	1.000	*	0.000	1.00	1.923	1.92	18.5	0.0	60.4
105.0		1.00	1.00	8.774	9.651	114.26	1.000	*	0.000	1.00	1.909	1.91	18.4	0.0	59.9
106.0		1.00	1.00	8.797	9.677	113.61	1.000	*	0.000	1.00	1.896	1.90	18.3	0.0	59.5
107.0		1.00	1.00	8.821	9.703	112.94	1.000	*	0.000	1.00	1.882	1.88	18.3	0.0	59.1
108.0		1.00	1.01	8.845	9.729	112.28	1.000	*	0.000	1.00	1.869	1.87	18.2	0.0	58.6
109.0		1.00	1.01	8.868	9.755	111.61	1.000	*	0.000	1.00	1.855	1.86	18.1	0.0	58.2
110.0		1.00	1.01	8.891	9.780	110.94	1.000	*	0.000	1.00	1.842	1.84	18.0	0.0	57.8
110.0	Top - Section 3	1.00	1.01	8.891	9.780	110.94	1.000	*	0.000	0.00	0.001	0.00	0.0	0.0	0.0
111.0		1.00	1.01	8.914	9.805	110.26	1.000	*	0.000	1.00	1.827	1.83	17.9	0.0	43.1
112.0		1.00	1.02	8.937	9.831	109.59	1.000	*	0.000	1.00	1.815	1.81	17.8	0.0	42.8
113.0		1.00	1.02	8.960	9.856	108.90	1.000	*	0.000	1.00	1.801	1.80	17.8	0.0	42.5
114.0		1.00	1.02	8.982	9.880	108.22	1.000	*	0.000	1.00	1.788	1.79	17.7	0.0	42.2
115.0		1.00	1.02	9.005	9.905	107.53	1.000	*	0.000	1.00	1.774	1.77	17.6	0.0	41.9
116.0		1.00	1.03	9.027	9.930	106.84	1.000	*	0.000	1.00	1.761	1.76	17.5	0.0	41.5
117.0		1.00	1.03	9.049	9.954	106.15	1.000	*	0.000	1.00	1.747	1.75	17.4	0.0	41.2
118.0		1.00	1.03	9.071	9.978	105.45	1.000	*	0.000	1.00	1.733	1.73	17.3	0.0	40.9
119.0		1.00	1.03	9.093	10.00	104.75	1.000	*	0.000	1.00	1.720	1.72	17.2	0.0	40.6
120.0	Appertunance(s)	1.00	1.04	9.115	10.02	104.05	1.000	*	0.000	1.00	1.706	1.71	17.1	0.0	40.3
121.0		1.00	1.04	9.136	10.05	103.34	1.000	*	0.000	1.00	1.693	1.69	17.0	0.0	39.9
122.0		1.00	1.04	9.158	10.07	102.64	1.000	*	0.000	1.00	1.679	1.68	16.9	0.0	39.6
123.0		1.00	1.04	9.179	10.09	101.93	1.000	*	0.000	1.00	1.666	1.67	16.8	0.0	39.3
124.0		1.00	1.05	9.201	10.12	101.21	1.000	*	0.000	1.00	1.652	1.65	16.7	0.0	39.0
125.0		1.00	1.05	9.222	10.14	100.50	1.200	*	0.000	1.00	1.639	1.97	19.9	0.0	38.6
126.0		1.00	1.05	9.243	10.16	99.781	1.200	*	0.000	1.00	1.625	1.95	19.8	0.0	38.3
127.0		1.00	1.05	9.264	10.19	99.059	1.200	*	0.000	1.00	1.612	1.93	19.7	0.0	38.0
128.0		1.00	1.06	9.284	10.21	98.335	1.200	*	0.000	1.00	1.598	1.92	19.6	0.0	37.7
129.0		1.00	1.06	9.305	10.23	97.608	1.200	*	0.000	1.00	1.585	1.90	19.5	0.0	37.4
130.0		1.00	1.06	9.326	10.25	96.879	1.200	*	0.000	1.00	1.571	1.89	19.3	0.0	37.0
131.0		1.00	1.06	9.346	10.28	96.147	1.200	*	0.000	1.00	1.558	1.87	19.2	0.0	36.7
132.0		1.00	1.07	9.366	10.30	95.412	1.200	*	0.000	1.00	1.544	1.85	19.1	0.0	36.4
133.0		1.00	1.07	9.387	10.32	94.675	1.200	*	0.000	1.00	1.531	1.84	19.0	0.0	36.1
134.0		1.00	1.07	9.407	10.34	93.936	1.200	*	0.000	1.00	1.517	1.82	18.8	0.0	35.7
135.0	Appertunance(s)	1.00	1.07	9.427	10.36	93.194	1.200	*	0.000	1.00	1.504	1.80	18.7	0.0	35.4
136.0		1.00	1.07	9.447	10.39	92.450	1.000		0.000	1.00	1.490	1.49	15.5	0.0	35.1
137.0		1.00	1.08	9.466	10.41	91.703	1.000		0.000	1.00	1.477	1.48	15.4	0.0	34.8
138.0		1.00	1.08	9.486	10.43	90.954	1.000		0.000	1.00	1.463	1.46	15.3	0.0	34.5
139.0		1.00	1.08	9.506	10.45	90.202	1.000		0.000	1.00	1.450	1.45	15.2	0.0	34.1
140.0		1.00	1.08	9.525	10.47	89.449	1.000		0.000	1.00	1.436	1.44	15.0	0.0	33.8
141.0		1.00	1.09	9.545	10.49	88.693	1.000		0.000	1.00	1.423	1.42	14.9	0.0	33.5
142.0		1.00	1.09	9.564	10.52	87.935	1.000		0.000	1.00	1.409	1.41	14.8	0.0	33.2
143.0		1.00	1.09	9.583	10.54	87.174	1.000		0.000	1.00	1.395	1.40	14.7	0.0	32.8
144.0	Appertunance(s)	1.00	1.09	9.602	10.56	86.411	1.000		0.000	1.00	1.382	1.38	14.6	0.0	32.5
145.0		1.00	1.09	9.621	10.58	85.647	1.000		0.000	1.00	1.368	1.37	14.5	0.0	32.2
146.0		1.00	1.10	9.640	10.60	84.880	1.000		0.000	1.00	1.355	1.35	14.4	0.0	31.9
147.0		1.00	1.10	9.659	10.62	84.110	1.000		0.000	1.00	1.341	1.34	14.3	0.0	31.6
148.0		1.00	1.10	9.678	10.64	83.339	1.000		0.000	1.00	1.328	1.33	14.1	0.0	31.2
149.0		1.00	1.10	9.696	10.66	82.566	1.000		0.000	1.00	1.314	1.31	14.0	0.0	30.9
150.0	Appertunance(s)	1.00	1.11	9.715	10.68	81.790	1.000		0.000	1.00	1.301	1.30	13.9	0.0	30.6

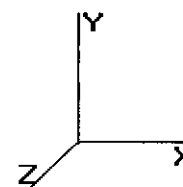
* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 2,869.5 0.0 13,378.9

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

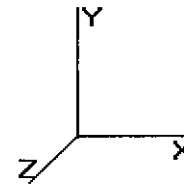
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
10.00	Channel Master Type	1	6.129	6.742	1.00	1.00	20.19	0.000	0.000	136.11	0.00	0.00	126.00
120.0	Side Arm	1	9.115	10.026	1.00	1.00	4.00	0.000	0.000	40.11	0.00	0.00	50.00
120.0	Telewave ANT450D6-9	1	9.178	10.096	1.00	1.00	4.30	0.000	2.958	43.41	0.00	128.43	18.00
135.0	Low Profile Platform	1	9.427	10.369	1.00	1.00	26.10	0.000	0.000	270.64	0.00	0.00	1,500.00
135.0	RFS APX16DWV-	3	9.427	10.369	0.53	0.80	9.63	0.000	0.000	99.87	0.00	0.00	118.80
135.0	RFS ATMAA1412D-	3	9.427	10.369	0.26	0.80	0.93	0.000	0.000	9.61	0.00	0.00	39.00
135.0	RFS ATMPP1412D-	3	9.427	10.369	0.26	0.80	0.93	0.000	0.000	9.61	0.00	0.00	36.00
144.0	RFS APXV18-206517S-	3	9.602	10.562	0.54	0.80	8.42	0.000	0.000	88.95	0.00	0.00	79.20
150.0	12' Omni	1	9.824	10.807	0.75	0.75	2.70	0.000	6.000	29.18	0.00	175.07	25.00
150.0	6' Yagi	1	9.715	10.686	0.75	0.75	4.50	0.000	0.000	48.09	0.00	0.00	20.00
150.0	Andrew ABT-DMDF-	3	9.715	10.686	0.25	0.75	0.04	0.000	0.000	0.40	0.00	0.00	3.30
150.0	Andrew SBNH-	1	9.715	10.686	0.52	0.75	6.01	0.000	0.000	64.18	0.00	0.00	66.10
150.0	Ericsson RRUS 11	6	9.715	10.686	0.25	0.75	3.82	0.000	0.000	40.78	0.00	0.00	300.00
150.0	Flat Platform w/ Han	1	9.715	10.686	0.95	1.00	40.28	0.000	0.000	430.44	0.00	0.00	2,000.00
150.0	Powerwave 7770.00A	6	9.715	10.686	0.57	0.75	19.02	0.000	0.000	203.20	0.00	0.00	210.00
150.0	Powerwave P65-17-	3	9.715	10.686	0.50	0.75	17.28	0.000	0.000	184.62	0.00	0.00	177.00
150.0	Powerwave TT19-	6	9.715	10.686	0.25	0.75	0.82	0.000	0.000	8.73	0.00	0.00	96.00
150.0	Raycap DC6-48-60-18-	1	9.715	10.686	0.38	0.75	0.48	0.000	0.000	5.13	0.00	0.00	32.80
150.0	Telewave ANT450D6-9	1	9.769	10.746	0.75	0.75	3.23	0.000	2.958	34.66	0.00	102.52	18.00
										1,747.71			4,915.20

Pole : 302488
 Location : Cntr - Canton, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 1
 Base Elev : 0.000 (ft)

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

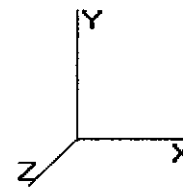
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Exposed Ca	Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.103	1.008	0.00	9.84
2.00	(12) 1 5/8" Coax	Yes	1.00	0.000	3.96	0.33	0.00	6.129	0.103	1.009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

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

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

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

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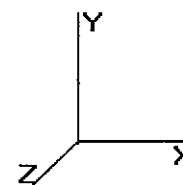
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Load Case: 1.0D + 1.0W			60.00 mph Serviceability				38 Iterations			
Gust Response Factor : 1.10				Wind Importance Factor : 1.00						
Dead Load Factor : 1.00										
Wind Load Factor : 1.00										
105.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.774 0.173 1.219	0.00	9.84	
106.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.797 0.174 1.222	0.00	9.84	
107.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.821 0.175 1.226	0.00	9.84	
108.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.845 0.177 1.230	0.00	9.84	
109.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.868 0.178 1.234	0.00	9.84	
110.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.891 0.179 1.238	0.00	9.84	
110.0	(12) 1 5/8" Coax	Yes	0.00 0.000	3.96	0.00	0.00	8.891 0.180 1.240	0.00	0.00	
111.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.914 0.181 1.242	0.00	9.84	
112.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.937 0.182 1.246	0.00	9.84	
113.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.960 0.183 1.250	0.00	9.84	
114.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	8.982 0.185 1.254	0.00	9.84	
115.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.005 0.186 1.258	0.00	9.84	
116.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.027 0.187 1.262	0.00	9.84	
117.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.049 0.189 1.267	0.00	9.84	
118.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.071 0.190 1.271	0.00	9.84	
119.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.093 0.192 1.276	0.00	9.84	
120.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.115 0.193 1.280	0.00	9.84	
121.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.136 0.195 1.285	0.00	9.84	
122.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.158 0.196 1.289	0.00	9.84	
123.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.179 0.198 1.294	0.00	9.84	
124.0	(12) 1 5/8" Coax	Yes	1.00 0.000	3.96	0.33	0.00	9.201 0.200 1.299	0.00	9.84	
125.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.222 0.201 0.000	4.02	9.84	
126.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.243 0.203 0.000	4.03	9.84	
127.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.264 0.205 0.000	4.04	9.84	
128.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.284 0.206 0.000	4.04	9.84	
129.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.305 0.208 0.000	4.05	9.84	
130.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.326 0.210 0.000	4.06	9.84	
131.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.346 0.212 0.000	4.07	9.84	
132.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.366 0.214 0.000	4.08	9.84	
133.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.387 0.216 0.000	4.09	9.84	
134.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.407 0.218 0.000	4.10	9.84	
135.0	(12) 1 5/8" Coax	Yes	1.00 1.200	3.96	0.33	0.40	9.427 0.219 0.000	4.11	9.84	
Totals:								44.68	1,328.24	

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

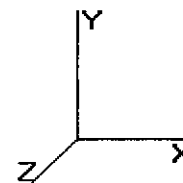
Applied Segment Forces Summary

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	184.53	0.00	0.00
2.00	21.60	183.89	0.00	0.00
3.00	21.51	183.25	0.00	0.00
4.00	21.42	182.60	0.00	0.00
5.00	21.33	181.96	0.00	0.00
6.00	21.24	181.31	0.00	0.00
7.00	21.15	180.67	0.00	0.00
8.00	21.06	180.03	0.00	0.00
9.00	20.97	179.38	0.00	0.00
10.00	156.99	304.74	0.00	0.00
11.00	20.78	178.06	0.00	0.00
12.00	20.69	177.42	0.00	0.00
13.00	20.60	176.78	0.00	0.00
14.00	20.51	176.13	0.00	0.00
15.00	20.42	175.49	0.00	0.00
16.00	20.33	174.85	0.00	0.00
17.00	20.24	174.20	0.00	0.00
18.00	20.15	173.56	0.00	0.00
19.00	20.05	172.91	0.00	0.00
20.00	19.96	172.27	0.00	0.00
21.00	19.87	171.63	0.00	0.00
22.00	19.78	170.98	0.00	0.00
23.00	19.69	170.34	0.00	0.00
24.00	19.60	169.69	0.00	0.00
25.00	19.51	169.05	0.00	0.00
26.00	19.42	168.41	0.00	0.00
27.00	19.33	167.76	0.00	0.00
28.00	19.23	167.12	0.00	0.00
29.00	19.14	166.47	0.00	0.00
30.00	19.07	165.83	0.00	0.00
31.00	19.16	165.19	0.00	0.00
31.50	9.59	82.41	0.00	0.00
32.00	9.79	138.20	0.00	0.00
33.00	19.69	275.70	0.00	0.00
34.00	19.76	274.52	0.00	0.00
35.00	19.83	273.34	0.00	0.00
35.67	13.25	181.66	0.00	0.00
36.00	6.61	47.55	0.00	0.00
37.00	19.95	142.43	0.00	0.00
38.00	20.01	141.89	0.00	0.00
39.00	20.06	141.36	0.00	0.00
40.00	20.11	140.82	0.00	0.00
41.00	20.15	140.28	0.00	0.00
42.00	20.19	139.74	0.00	0.00
43.00	20.22	139.21	0.00	0.00
44.00	20.25	138.67	0.00	0.00
45.00	20.28	138.13	0.00	0.00
46.00	20.31	137.59	0.00	0.00
47.00	20.33	137.06	0.00	0.00

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

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

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 Page: 53

Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

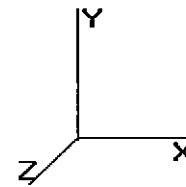
Wind Load Factor : 1.00

48.00	20.35	136.52	0.00	0.00
49.00	20.36	135.98	0.00	0.00
50.00	20.37	135.44	0.00	0.00
51.00	20.38	134.91	0.00	0.00
52.00	20.39	134.37	0.00	0.00
53.00	20.39	133.83	0.00	0.00
54.00	20.40	133.29	0.00	0.00
55.00	20.39	132.76	0.00	0.00
56.00	20.39	132.22	0.00	0.00
57.00	20.39	131.68	0.00	0.00
58.00	20.38	131.14	0.00	0.00
59.00	20.37	130.61	0.00	0.00
60.00	20.35	130.07	0.00	0.00
61.00	20.34	129.53	0.00	0.00
62.00	20.32	128.99	0.00	0.00
63.00	20.30	128.46	0.00	0.00
64.00	20.28	127.92	0.00	0.00
65.00	20.25	127.38	0.00	0.00
66.00	20.23	126.84	0.00	0.00
67.00	20.20	126.31	0.00	0.00
68.00	20.17	125.77	0.00	0.00
69.00	20.14	125.23	0.00	0.00
70.00	20.11	124.70	0.00	0.00
70.00	0.01	0.04	0.00	0.00
71.00	20.44	198.62	0.00	0.00
72.00	20.41	197.72	0.00	0.00
73.00	20.37	196.75	0.00	0.00
73.50	10.17	98.08	0.00	0.00
74.00	10.14	52.92	0.00	0.00
75.00	20.29	105.59	0.00	0.00
76.00	20.25	105.16	0.00	0.00
77.00	20.21	104.73	0.00	0.00
78.00	20.16	104.30	0.00	0.00
79.00	20.11	103.87	0.00	0.00
80.00	20.07	103.44	0.00	0.00
81.00	20.02	103.01	0.00	0.00
82.00	19.97	102.59	0.00	0.00
83.00	19.91	102.16	0.00	0.00
84.00	19.86	101.73	0.00	0.00
85.00	19.80	101.30	0.00	0.00
86.00	19.75	100.87	0.00	0.00
87.00	19.69	100.44	0.00	0.00
88.00	19.63	100.01	0.00	0.00
89.00	19.57	99.58	0.00	0.00
90.00	19.50	99.15	0.00	0.00
91.00	19.44	98.72	0.00	0.00
92.00	19.38	98.29	0.00	0.00
93.00	19.31	97.86	0.00	0.00
94.00	19.24	97.43	0.00	0.00
95.00	19.17	97.00	0.00	0.00
96.00	19.10	96.58	0.00	0.00
97.00	19.03	96.15	0.00	0.00
98.00	18.96	95.72	0.00	0.00
99.00	18.89	95.29	0.00	0.00
100.0	18.81	94.86	0.00	0.00
101.0	18.74	94.43	0.00	0.00
102.0	18.66	94.00	0.00	0.00

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

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

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 Page: 54

Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

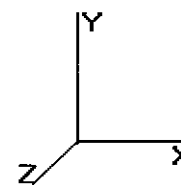
Wind Load Factor : 1.00

103.0	18.58	93.57	0.00	0.00
104.0	18.51	93.14	0.00	0.00
105.0	18.43	92.71	0.00	0.00
106.0	18.35	92.28	0.00	0.00
107.0	18.26	91.85	0.00	0.00
108.0	18.18	91.42	0.00	0.00
109.0	18.10	91.00	0.00	0.00
110.0	18.01	90.57	0.00	0.00
110.0	0.01	0.03	0.00	0.00
111.0	17.92	75.90	0.00	0.00
112.0	17.84	75.60	0.00	0.00
113.0	17.75	75.28	0.00	0.00
114.0	17.66	74.96	0.00	0.00
115.0	17.57	74.64	0.00	0.00
116.0	17.48	74.32	0.00	0.00
117.0	17.39	73.99	0.00	0.00
118.0	17.30	73.67	0.00	0.00
119.0	17.20	73.35	0.00	0.00
120.0	100.63	141.03	0.00	128.43
121.0	17.01	72.38	0.00	0.00
122.0	16.92	72.05	0.00	0.00
123.0	16.82	71.73	0.00	0.00
124.0	16.72	71.41	0.00	0.00
125.0	23.97	71.09	0.00	0.00
126.0	23.86	70.77	0.00	0.00
127.0	23.74	70.44	0.00	0.00
128.0	23.63	70.12	0.00	0.00
129.0	23.52	69.80	0.00	0.00
130.0	23.40	69.48	0.00	0.00
131.0	23.29	69.16	0.00	0.00
132.0	23.17	68.83	0.00	0.00
133.0	23.05	68.51	0.00	0.00
134.0	22.94	68.19	0.00	0.00
135.0	412.54	1,761.67	0.00	0.00
136.0	15.48	57.71	0.00	0.00
137.0	15.38	57.39	0.00	0.00
138.0	15.27	57.06	0.00	0.00
139.0	15.16	56.74	0.00	0.00
140.0	15.05	56.42	0.00	0.00
141.0	14.94	56.10	0.00	0.00
142.0	14.82	55.78	0.00	0.00
143.0	14.71	55.45	0.00	0.00
144.0	103.54	134.33	0.00	0.00
145.0	14.48	49.89	0.00	0.00
146.0	14.37	49.57	0.00	0.00
147.0	14.25	49.25	0.00	0.00
148.0	14.14	48.92	0.00	0.00
149.0	14.02	48.60	0.00	0.00
150.0	1,063.31	2,996.48	0.00	277.59
Totals:	4,661.86	23,024.08	0.00	406.03

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

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

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 Page: 55

Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

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	-23.02	-4.66	0.00	-483.13	0.00	483.13	3,157.17	1,578.58	4,812.28	2,376.61	0.00	0.00	0.211
1.00	-22.84	-4.65	0.00	-478.47	0.00	478.47	3,148.69	1,574.34	4,778.83	2,360.09	0.00	-0.02	0.210
2.00	-22.65	-4.63	0.00	-473.82	0.00	473.82	3,140.16	1,570.08	4,745.43	2,343.59	0.01	-0.04	0.209
3.00	-22.47	-4.62	0.00	-469.19	0.00	469.19	3,131.60	1,565.80	4,712.07	2,327.11	0.02	-0.05	0.209
4.00	-22.28	-4.60	0.00	-464.57	0.00	464.57	3,123.00	1,561.50	4,678.76	2,310.67	0.03	-0.07	0.208
5.00	-22.10	-4.59	0.00	-459.96	0.00	459.96	3,114.35	1,557.18	4,645.51	2,294.24	0.05	-0.09	0.208
6.00	-21.92	-4.57	0.00	-455.37	0.00	455.37	3,105.66	1,552.83	4,612.30	2,277.84	0.07	-0.11	0.207
7.00	-21.74	-4.56	0.00	-450.80	0.00	450.80	3,096.94	1,548.47	4,579.15	2,261.47	0.09	-0.12	0.206
8.00	-21.55	-4.54	0.00	-446.24	0.00	446.24	3,088.17	1,544.08	4,546.04	2,245.12	0.12	-0.14	0.206
9.00	-21.37	-4.53	0.00	-441.70	0.00	441.70	3,079.35	1,539.68	4,513.00	2,228.80	0.15	-0.16	0.205
10.00	-21.07	-4.38	0.00	-437.17	0.00	437.17	3,070.50	1,535.25	4,480.00	2,212.50	0.19	-0.18	0.204
11.00	-20.89	-4.36	0.00	-432.79	0.00	432.79	3,061.60	1,530.80	4,447.06	2,196.24	0.23	-0.20	0.204
12.00	-20.71	-4.35	0.00	-428.42	0.00	428.42	3,052.67	1,526.33	4,414.18	2,180.00	0.27	-0.21	0.203
13.00	-20.53	-4.33	0.00	-424.07	0.00	424.07	3,043.69	1,521.84	4,381.36	2,163.79	0.31	-0.23	0.203
14.00	-20.35	-4.32	0.00	-419.74	0.00	419.74	3,034.67	1,517.33	4,348.59	2,147.60	0.37	-0.25	0.202
15.00	-20.18	-4.31	0.00	-415.42	0.00	415.42	3,025.61	1,512.80	4,315.88	2,131.45	0.42	-0.27	0.202
16.00	-20.00	-4.29	0.00	-411.11	0.00	411.11	3,016.50	1,508.25	4,283.22	2,115.32	0.48	-0.29	0.201
17.00	-19.83	-4.28	0.00	-406.82	0.00	406.82	3,007.36	1,503.68	4,250.63	2,099.23	0.54	-0.31	0.200
18.00	-19.65	-4.26	0.00	-402.55	0.00	402.55	2,998.17	1,499.09	4,218.10	2,083.16	0.61	-0.32	0.200
19.00	-19.48	-4.25	0.00	-398.29	0.00	398.29	2,988.94	1,494.47	4,185.63	2,067.13	0.68	-0.34	0.199
20.00	-19.30	-4.23	0.00	-394.04	0.00	394.04	2,979.67	1,489.84	4,153.23	2,051.12	0.75	-0.36	0.199
21.00	-19.13	-4.22	0.00	-389.81	0.00	389.81	2,970.36	1,485.18	4,120.88	2,035.15	0.83	-0.38	0.198
22.00	-18.96	-4.20	0.00	-385.59	0.00	385.59	2,961.01	1,480.50	4,088.60	2,019.21	0.91	-0.40	0.197
23.00	-18.79	-4.19	0.00	-381.39	0.00	381.39	2,951.61	1,475.81	4,056.39	2,003.30	0.99	-0.42	0.197
24.00	-18.62	-4.17	0.00	-377.21	0.00	377.21	2,942.18	1,471.09	4,024.24	1,987.42	1.08	-0.44	0.196
25.00	-18.45	-4.16	0.00	-373.03	0.00	373.03	2,932.70	1,466.35	3,992.16	1,971.58	1.18	-0.45	0.196
26.00	-18.28	-4.14	0.00	-368.88	0.00	368.88	2,923.18	1,461.59	3,960.14	1,955.76	1.27	-0.47	0.195
27.00	-18.11	-4.13	0.00	-364.73	0.00	364.73	2,913.62	1,456.81	3,928.19	1,939.99	1.37	-0.49	0.194
28.00	-17.94	-4.11	0.00	-360.60	0.00	360.60	2,903.09	1,451.54	3,895.07	1,923.63	1.48	-0.51	0.194
29.00	-17.77	-4.10	0.00	-356.49	0.00	356.49	2,889.14	1,444.57	3,857.52	1,905.08	1.59	-0.53	0.193
30.00	-17.60	-4.08	0.00	-352.39	0.00	352.39	2,875.19	1,437.60	3,820.15	1,886.63	1.70	-0.55	0.193
31.00	-17.44	-4.07	0.00	-348.31	0.00	348.31	2,861.24	1,430.62	3,782.96	1,868.26	1.82	-0.57	0.193
31.50	-17.35	-4.06	0.00	-346.27	0.00	346.27	2,854.27	1,427.13	3,764.43	1,859.11	1.88	-0.58	0.192
32.00	-17.22	-4.05	0.00	-344.25	0.00	344.25	2,847.30	1,423.65	3,745.96	1,849.99	1.94	-0.59	0.192
33.00	-16.94	-4.04	0.00	-340.19	0.00	340.19	2,833.35	1,416.67	3,709.14	1,831.80	2.07	-0.61	0.192
34.00	-16.66	-4.02	0.00	-336.16	0.00	336.16	2,819.40	1,409.70	3,672.50	1,813.71	2.19	-0.63	0.191
35.00	-16.39	-4.00	0.00	-332.14	0.00	332.14	2,805.45	1,402.73	3,636.04	1,795.70	2.33	-0.65	0.191
35.67	-16.21	-3.99	0.00	-329.47	0.00	329.47	2,253.07	1,126.53	2,980.49	1,471.95	2.42	-0.66	0.231
36.00	-16.16	-3.99	0.00	-328.14	0.00	328.14	2,250.82	1,125.41	2,972.64	1,468.07	2.47	-0.67	0.231
37.00	-16.01	-3.97	0.00	-324.15	0.00	324.15	2,244.05	1,122.03	2,949.06	1,456.43	2.61	-0.69	0.230
38.00	-15.87	-3.95	0.00	-320.19	0.00	320.19	2,237.24	1,118.62	2,925.52	1,444.81	2.75	-0.71	0.229
39.00	-15.73	-3.94	0.00	-316.23	0.00	316.23	2,230.38	1,115.19	2,902.02	1,433.20	2.90	-0.73	0.228
40.00	-15.59	-3.92	0.00	-312.29	0.00	312.29	2,223.48	1,111.74	2,878.55	1,421.61	3.06	-0.75	0.227
41.00	-15.45	-3.91	0.00	-308.37	0.00	308.37	2,216.55	1,108.27	2,855.12	1,410.03	3.22	-0.78	0.226
42.00	-15.30	-3.89	0.00	-304.46	0.00	304.46	2,209.57	1,104.78	2,831.72	1,398.48	3.38	-0.80	0.225
43.00	-15.16	-3.87	0.00	-300.57	0.00	300.57	2,202.55	1,101.27	2,808.36	1,386.94	3.55	-0.82	0.224
44.00	-15.02	-3.86	0.00	-296.70	0.00	296.70	2,195.48	1,097.74	2,785.04	1,375.43	3.73	-0.84	0.223
45.00	-14.88	-3.84	0.00	-292.84	0.00	292.84	2,188.38	1,094.19	2,761.76	1,363.93	3.91	-0.86	0.222
46.00	-14.75	-3.82	0.00	-289.00	0.00	289.00	2,181.23	1,090.62	2,738.52	1,352.45	4.09	-0.89	0.220
47.00	-14.61	-3.81	0.00	-285.18	0.00	285.18	2,174.04	1,087.02	2,715.33	1,341.00	4.28	-0.91	0.219
48.00	-14.47	-3.79	0.00	-281.37	0.00	281.37	2,166.81	1,083.41	2,692.17	1,329.56	4.47	-0.93	0.218

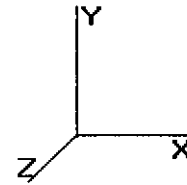
Pole : 302488
Location : Cntrn - Canton, CT
Height : 150.0 (ft)
Base Dia : 37.38 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156707 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

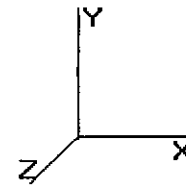
Wind Load Factor : 1.00

49.00	-14.33	-3.77	0.00	-277.58	0.00	277.58	2,159.54	1,079.77	2,669.06	1,318.15	4.67	-0.95	0.217
50.00	-14.20	-3.76	0.00	-273.81	0.00	273.81	2,152.23	1,076.12	2,645.99	1,306.75	4.87	-0.98	0.216
51.00	-14.06	-3.74	0.00	-270.05	0.00	270.05	2,144.88	1,072.44	2,622.96	1,295.38	5.08	-1.00	0.215
52.00	-13.92	-3.72	0.00	-266.31	0.00	266.31	2,137.48	1,068.74	2,599.98	1,284.03	5.29	-1.02	0.214
53.00	-13.79	-3.71	0.00	-262.59	0.00	262.59	2,130.04	1,065.02	2,577.05	1,272.71	5.51	-1.04	0.213
54.00	-13.66	-3.69	0.00	-258.88	0.00	258.88	2,122.57	1,061.28	2,554.16	1,261.41	5.73	-1.07	0.212
55.00	-13.52	-3.67	0.00	-255.19	0.00	255.19	2,115.04	1,057.52	2,531.33	1,250.13	5.95	-1.09	0.211
56.00	-13.39	-3.65	0.00	-251.52	0.00	251.52	2,107.48	1,053.74	2,508.54	1,238.87	6.18	-1.11	0.209
57.00	-13.26	-3.63	0.00	-247.87	0.00	247.87	2,099.88	1,049.94	2,485.79	1,227.64	6.42	-1.14	0.208
58.00	-13.12	-3.62	0.00	-244.24	0.00	244.24	2,092.23	1,046.12	2,463.10	1,216.43	6.66	-1.16	0.207
59.00	-12.99	-3.60	0.00	-240.62	0.00	240.62	2,084.55	1,042.27	2,440.47	1,205.25	6.91	-1.18	0.206
60.00	-12.86	-3.58	0.00	-237.02	0.00	237.02	2,076.82	1,038.41	2,417.88	1,194.10	7.16	-1.20	0.205
61.00	-12.73	-3.56	0.00	-233.44	0.00	233.44	2,069.05	1,034.52	2,395.34	1,182.97	7.41	-1.23	0.203
62.00	-12.60	-3.55	0.00	-229.88	0.00	229.88	2,061.24	1,030.62	2,372.86	1,171.87	7.67	-1.25	0.202
63.00	-12.47	-3.53	0.00	-226.33	0.00	226.33	2,053.38	1,026.69	2,350.43	1,160.79	7.93	-1.27	0.201
64.00	-12.34	-3.51	0.00	-222.80	0.00	222.80	2,045.49	1,022.74	2,328.06	1,149.74	8.20	-1.30	0.200
65.00	-12.21	-3.49	0.00	-219.29	0.00	219.29	2,037.55	1,018.78	2,305.74	1,138.72	8.48	-1.32	0.199
66.00	-12.09	-3.47	0.00	-215.80	0.00	215.80	2,029.57	1,014.79	2,283.48	1,127.73	8.76	-1.34	0.197
67.00	-11.96	-3.45	0.00	-212.33	0.00	212.33	2,020.20	1,010.10	2,259.76	1,116.01	9.04	-1.37	0.196
68.00	-11.83	-3.44	0.00	-208.88	0.00	208.88	2,008.55	1,004.28	2,233.65	1,103.11	9.33	-1.39	0.195
69.00	-11.71	-3.42	0.00	-205.44	0.00	205.44	1,996.91	998.46	2,207.68	1,090.29	9.62	-1.41	0.194
70.00	-11.58	-3.40	0.00	-202.02	0.00	202.02	1,985.27	992.64	2,181.87	1,077.54	9.92	-1.44	0.193
70.00	-11.58	-3.40	0.00	-202.02	0.00	202.02	1,985.27	992.63	2,181.86	1,077.54	9.92	-1.44	0.193
71.00	-11.38	-3.38	0.00	-198.63	0.00	198.63	1,973.63	986.81	2,156.21	1,064.87	10.22	-1.46	0.192
72.00	-11.18	-3.36	0.00	-195.25	0.00	195.25	1,961.99	980.99	2,130.70	1,052.27	10.53	-1.48	0.191
73.00	-10.99	-3.34	0.00	-191.89	0.00	191.89	1,950.35	975.17	2,105.34	1,039.75	10.84	-1.51	0.190
73.50	-10.89	-3.32	0.00	-190.22	0.00	190.22	1,473.98	736.99	1,624.61	802.34	11.00	-1.52	0.244
74.00	-10.83	-3.32	0.00	-188.56	0.00	188.56	1,471.43	735.71	1,617.01	798.58	11.16	-1.53	0.244
75.00	-10.73	-3.30	0.00	-185.24	0.00	185.24	1,466.30	733.15	1,601.81	791.07	11.49	-1.56	0.242
76.00	-10.62	-3.28	0.00	-181.94	0.00	181.94	1,461.12	730.56	1,586.63	783.58	11.81	-1.58	0.239
77.00	-10.52	-3.26	0.00	-178.66	0.00	178.66	1,455.91	727.95	1,571.48	776.09	12.15	-1.61	0.237
78.00	-10.41	-3.24	0.00	-175.40	0.00	175.40	1,450.65	725.33	1,556.35	768.62	12.49	-1.64	0.235
79.00	-10.31	-3.23	0.00	-172.16	0.00	172.16	1,445.35	722.68	1,541.24	761.16	12.83	-1.66	0.233
80.00	-10.20	-3.21	0.00	-168.93	0.00	168.93	1,440.02	720.01	1,526.16	753.71	13.19	-1.69	0.231
81.00	-10.10	-3.19	0.00	-165.72	0.00	165.72	1,434.63	717.32	1,511.10	746.28	13.54	-1.72	0.229
82.00	-9.99	-3.17	0.00	-162.53	0.00	162.53	1,429.21	714.61	1,496.07	738.85	13.91	-1.75	0.227
83.00	-9.89	-3.15	0.00	-159.36	0.00	159.36	1,423.75	711.87	1,481.07	731.44	14.28	-1.77	0.225
84.00	-9.79	-3.13	0.00	-156.21	0.00	156.21	1,418.24	709.12	1,466.10	724.05	14.65	-1.80	0.223
85.00	-9.69	-3.12	0.00	-153.07	0.00	153.07	1,412.69	706.35	1,451.15	716.67	15.03	-1.83	0.220
86.00	-9.58	-3.10	0.00	-149.96	0.00	149.96	1,407.10	703.55	1,436.24	709.30	15.42	-1.86	0.218
87.00	-9.48	-3.08	0.00	-146.86	0.00	146.86	1,401.47	700.74	1,421.35	701.95	15.81	-1.88	0.216
88.00	-9.38	-3.06	0.00	-143.78	0.00	143.78	1,395.80	697.90	1,406.50	694.62	16.20	-1.91	0.214
89.00	-9.28	-3.04	0.00	-140.72	0.00	140.72	1,390.09	695.04	1,391.68	687.30	16.61	-1.94	0.211
90.00	-9.18	-3.02	0.00	-137.68	0.00	137.68	1,384.33	692.17	1,376.89	679.99	17.02	-1.96	0.209
91.00	-9.08	-3.01	0.00	-134.65	0.00	134.65	1,378.53	689.27	1,362.14	672.71	17.43	-1.99	0.207
92.00	-8.98	-2.99	0.00	-131.65	0.00	131.65	1,372.69	686.35	1,347.42	665.44	17.85	-2.02	0.204
93.00	-8.89	-2.97	0.00	-128.66	0.00	128.66	1,366.81	683.41	1,332.73	658.19	18.27	-2.04	0.202
94.00	-8.79	-2.95	0.00	-125.69	0.00	125.69	1,360.89	680.45	1,318.09	650.95	18.70	-2.07	0.200
95.00	-8.69	-2.93	0.00	-122.75	0.00	122.75	1,354.93	677.46	1,303.48	643.74	19.14	-2.10	0.197
96.00	-8.59	-2.91	0.00	-119.81	0.00	119.81	1,348.92	674.46	1,288.91	636.54	19.58	-2.12	0.195
97.00	-8.50	-2.89	0.00	-116.90	0.00	116.90	1,342.88	671.44	1,274.37	629.37	20.03	-2.15	0.192
98.00	-8.40	-2.87	0.00	-114.01	0.00	114.01	1,336.79	668.39	1,259.88	622.21	20.48	-2.17	0.190
99.00	-8.30	-2.86	0.00	-111.14	0.00	111.14	1,330.66	665.33	1,245.43	615.07	20.94	-2.20	0.187
100.00	-8.21	-2.84	0.00	-108.28	0.00	108.28	1,324.49	662.24	1,231.02	607.95	21.40	-2.23	0.184
101.00	-8.11	-2.82	0.00	-105.44	0.00	105.44	1,318.27	659.14	1,216.65	600.86	21.87	-2.25	0.182
102.00	-8.02	-2.80	0.00	-102.62	0.00	102.62	1,312.02	656.01	1,202.32	593.78	22.35	-2.28	0.179
103.00	-7.93	-2.78	0.00	-99.82	0.00	99.82	1,305.72	652.86	1,188.04	586.73	22.83	-2.30	0.176

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

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

38 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

104.00	-7.83	-2.76	0.00	-97.04	0.00	97.04	1,299.38	649.69	1,173.80	579.70	23.31	-2.33	0.173
105.00	-7.74	-2.74	0.00	-94.28	0.00	94.28	1,293.00	646.50	1,159.61	572.69	23.80	-2.35	0.171
106.00	-7.65	-2.72	0.00	-91.54	0.00	91.54	1,284.34	642.17	1,143.47	564.72	24.30	-2.38	0.168
107.00	-7.55	-2.71	0.00	-88.81	0.00	88.81	1,275.04	637.52	1,126.88	556.52	24.80	-2.40	0.166
108.00	-7.46	-2.69	0.00	-86.11	0.00	86.11	1,265.74	632.87	1,110.41	548.39	25.30	-2.43	0.163
109.00	-7.37	-2.67	0.00	-83.42	0.00	83.42	1,256.45	628.22	1,094.06	540.31	25.81	-2.45	0.160
110.00	-7.28	-2.65	0.00	-80.75	0.00	80.75	1,247.15	623.57	1,077.83	532.30	26.33	-2.47	0.158
110.00	-7.28	-2.65	0.00	-80.75	0.00	80.75	1,247.14	623.57	1,077.83	532.30	26.33	-2.47	0.158
110.00	-7.28	-2.65	0.00	-80.75	0.00	80.75	853.24	426.62	741.79	366.34	26.33	-2.47	0.229
111.00	-7.20	-2.63	0.00	-78.11	0.00	78.11	849.68	424.84	733.16	362.08	26.85	-2.50	0.224
112.00	-7.13	-2.61	0.00	-75.47	0.00	75.47	846.07	423.04	724.53	357.82	27.38	-2.53	0.219
113.00	-7.05	-2.60	0.00	-72.86	0.00	72.86	842.42	421.21	715.91	353.56	27.91	-2.56	0.214
114.00	-6.98	-2.58	0.00	-70.26	0.00	70.26	838.73	419.37	707.31	349.31	28.45	-2.59	0.210
115.00	-6.90	-2.56	0.00	-67.68	0.00	67.68	835.00	417.50	698.72	345.07	29.00	-2.62	0.204
116.00	-6.83	-2.54	0.00	-65.12	0.00	65.12	831.23	415.61	690.14	340.83	29.55	-2.65	0.199
117.00	-6.75	-2.53	0.00	-62.58	0.00	62.58	827.41	413.71	681.58	336.61	30.11	-2.68	0.194
118.00	-6.68	-2.51	0.00	-60.05	0.00	60.05	823.55	411.78	673.03	332.38	30.67	-2.71	0.189
119.00	-6.60	-2.49	0.00	-57.54	0.00	57.54	819.65	409.83	664.50	328.17	31.24	-2.73	0.183
120.00	-6.47	-2.39	0.00	-54.92	0.00	54.92	815.71	407.86	655.99	323.97	31.81	-2.76	0.177
121.00	-6.39	-2.37	0.00	-52.53	0.00	52.53	811.73	405.87	647.49	319.77	32.40	-2.79	0.172
122.00	-6.32	-2.35	0.00	-50.16	0.00	50.16	807.71	403.85	639.02	315.59	32.98	-2.81	0.167
123.00	-6.25	-2.34	0.00	-47.81	0.00	47.81	803.64	401.82	630.56	311.41	33.57	-2.84	0.161
124.00	-6.18	-2.32	0.00	-45.47	0.00	45.47	799.54	399.77	622.13	307.25	34.17	-2.87	0.156
125.00	-6.11	-2.29	0.00	-43.15	0.00	43.15	795.39	397.69	613.72	303.09	34.77	-2.89	0.150
126.00	-6.04	-2.27	0.00	-40.86	0.00	40.86	791.20	395.60	605.32	298.95	35.38	-2.91	0.144
127.00	-5.97	-2.24	0.00	-38.59	0.00	38.59	786.97	393.48	596.96	294.81	35.99	-2.94	0.139
128.00	-5.90	-2.22	0.00	-36.35	0.00	36.35	782.70	391.35	588.61	290.69	36.61	-2.96	0.133
129.00	-5.83	-2.19	0.00	-34.13	0.00	34.13	778.38	389.19	580.29	286.58	37.23	-2.98	0.127
130.00	-5.76	-2.17	0.00	-31.94	0.00	31.94	774.03	387.01	572.00	282.49	37.86	-3.00	0.121
131.00	-5.69	-2.14	0.00	-29.77	0.00	29.77	769.63	384.81	563.73	278.41	38.49	-3.02	0.114
132.00	-5.62	-2.12	0.00	-27.63	0.00	27.63	765.19	382.59	555.49	274.34	39.12	-3.04	0.108
133.00	-5.56	-2.09	0.00	-25.51	0.00	25.51	760.71	380.35	547.28	270.28	39.76	-3.06	0.102
134.00	-5.49	-2.07	0.00	-23.41	0.00	23.41	756.19	378.09	539.10	266.24	40.40	-3.07	0.095
135.00	-3.75	-1.56	0.00	-21.35	0.00	21.35	751.62	375.81	530.94	262.21	41.05	-3.09	0.086
136.00	-3.69	-1.55	0.00	-19.78	0.00	19.78	747.02	373.51	522.82	258.20	41.70	-3.10	0.082
137.00	-3.64	-1.53	0.00	-18.24	0.00	18.24	742.37	371.18	514.73	254.20	42.35	-3.12	0.077
138.00	-3.58	-1.51	0.00	-16.71	0.00	16.71	737.68	368.84	506.67	250.22	43.00	-3.13	0.072
139.00	-3.52	-1.49	0.00	-15.20	0.00	15.20	732.95	366.47	498.64	246.26	43.66	-3.14	0.067
140.00	-3.47	-1.48	0.00	-13.71	0.00	13.71	728.18	364.09	490.64	242.31	44.32	-3.16	0.061
141.00	-3.41	-1.46	0.00	-12.23	0.00	12.23	721.95	360.98	481.74	237.92	44.98	-3.17	0.056
142.00	-3.36	-1.44	0.00	-10.77	0.00	10.77	714.98	357.49	472.43	233.32	45.65	-3.18	0.051
143.00	-3.30	-1.42	0.00	-9.33	0.00	9.33	708.01	354.00	463.21	228.76	46.31	-3.19	0.045
144.00	-3.17	-1.31	0.00	-7.91	0.00	7.91	701.03	350.52	454.07	224.25	46.98	-3.19	0.040
145.00	-3.13	-1.30	0.00	-6.59	0.00	6.59	694.06	347.03	445.03	219.78	47.65	-3.20	0.035
146.00	-3.08	-1.28	0.00	-5.30	0.00	5.30	687.08	343.54	436.08	215.36	48.32	-3.21	0.029
147.00	-3.03	-1.26	0.00	-4.02	0.00	4.02	680.11	340.05	427.22	210.99	48.99	-3.21	0.024
148.00	-2.98	-1.25	0.00	-2.75	0.00	2.75	673.14	336.57	418.45	206.66	49.66	-3.21	0.018
149.00	-2.93	-1.23	0.00	-1.51	0.00	1.51	666.16	333.08	409.77	202.37	50.34	-3.22	0.012
150.00	0.00	-1.06	0.00	-0.28	0.00	0.28	659.19	329.59	401.19	198.13	51.01	-3.22	0.001

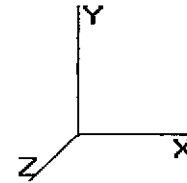
Pole : 302488
Location : Cntr - Canton, CT
Height : 150.0 (ft)
Base Dia : 37.38 (in)
Top Dia : 15.00 (in)
Shape : 12 Sides
Taper : 0.156707 (in/ft)

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

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Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	19.85	0.00	27.61	0.00	0.00	2059.23	73.50	1.00
0.9D + 1.6W	18.71	0.00	20.71	0.00	0.00	1911.09	73.50	0.93
1.2D + 1.0Di + 1.0Wi	4.79	0.00	53.24	0.00	0.00	609.05	73.50	0.36
1.0D + 1.0W	4.66	0.00	23.02	0.00	0.00	483.13	73.50	0.24

Base/Flange Plate	Plate Type	Baseplate	@ 10.0 ft
	Pole Diameter	37.38	in
	Pole Thickness		in
	Plate Length	44	in
	Plate Thickness	2.5	in
	Plate Fy	60	ksi
	Weld Length	0.25	in
	ϕ_s Resistance	1400.64	k-in
	Applied	983.32	k-in
	#	0	Show
Stiffeners	Thickness	0.5	in
	Length	3	in
	Height	3	in
	Chamfer	0	in
	Offset Angle	0	°
	Fy	36	ksi

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
Reinforcement	#	0
	DYW. Circle	20 in
	Offset Angle	22.5 °
	Type	#20
	Diameter	2.5 in
	Fu	100 ksi
Extra Bolts O	ϕ_s Resistance	k
	Applied	k
	#	0
	Bolt Circle	20 in
	(R)adial / (S)quare	R
	Bolt Gap	0 in
	Offset Angle	15 °
	Diameter	2.25 in
Extra Bolts O	Type	#18J
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	k
	Applied	k

Code Rev. **G**
A.S.I. 1.00
Moment **2059.2 k-ft**
Axial **27.6 k**

Date 12/18/12
Engineer ZAM
Site # 302488
Carrier AT&T Mobility

Required Flange Thickness:
2.09 in OK

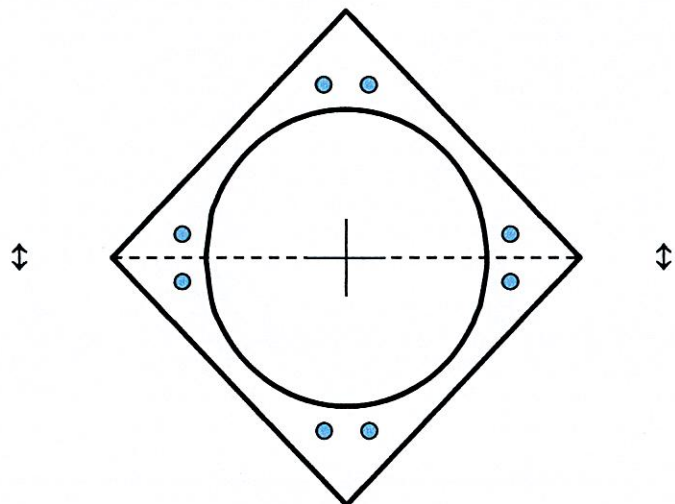


Plate Stress Ratio:
0.70 (Pass)

Bolt Stress Ratio:
1.08 (Fail)

Extra Bolt Stress Ratio:

Reinforcement Stress Ratio:

Base/Flange Plate	Plate Type	Flange @ 110.0 ft
	Pole Diameter	21.25 in
	Pole Thickness	in
	Plate Diameter	28.5 in
	Plate Thickness	1 in
	Plate Fy	60 ksi
	Weld Length	0.25 in
	ϕ_s Resistance	75.10 k-in
	Applied	72.92 k-in
Stiffeners	#	0 Show
	Thickness	0.5 in
	Length	3 in
	Height	3 in
	Chamfer	0 in
	Offset Angle	0 °
	Fy	36 ksi

Bolts	#	12
	Bolt Circle	25.75 in
	(R)adial / (S)quare	R
	Bolt Gap	6 in
	Diameter	1 in
	Hole Diameter	1.125 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	54.52 k
Reinforcement	Applied	50.73 k
	#	0
	DYW. Circle	20 in
	Offset Angle	22.5 °
	Type	#20
	Diameter	2.5 in
Extra Bolts O	Fu	100 ksi
	ϕ_s Resistance	k
	Applied	k
	#	0
	Bolt Circle	20 in
	(R)adial / (S)quare	R
Extra Bolts O	Bolt Gap	0 in
	Offset Angle	15 °
	Diameter	2.25 in
	Type	#18J
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance	k
	Applied	k

Code Rev. **G**
A.S.I. 1.00
Moment **330.5 k-ft**
Axial **7.0 k**

Date 12/18/12
Engineer ZAM
Site # 302488
Carrier AT&T Mobility

Required Flange Thickness:
0.99 in OK

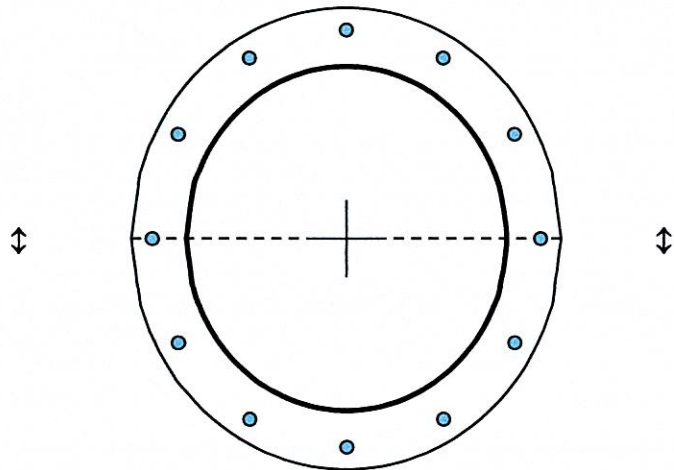


Plate Stress Ratio:
0.97 (Pass)

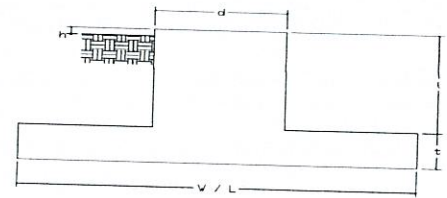
Bolt Stress Ratio:
0.93 (Pass)

Extra Bolt Stress Ratio:

Reinforcement Stress Ratio:

Site Name: Cntn - Canton, CT
 Site Number: 302488
 Engineering Number: 51822023
 Engineer: Z. Medoff
 Date: 12/18/12
 Tower Type: MP

Program Last Updated: 6/01/10



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

Foundation Mapped:	Y
Compression/Leg:	k
Uplift/Leg:	k
Total Shear:	19.9 k
Moment:	2059.2 k-ft
Tower + Appurtenance Weight:	27.6 k
Depth to Base of Foundation (l + t - h):	8.00 ft
Diameter of Pier (d):	5.00 ft
Height of Pier above Ground (h):	0.50
Width of Pad (W):	18.00 ft
Length of Pad (L):	18.00 ft
Thickness of Pad (t):	3.00 ft
Tower Leg Center to Center:	0.00 ft
Number of Tower Legs:	1.0 (1 if MP or GT)
Tower Center from Mat Center:	0.00 ft
Depth Below Ground Surface to Water Table:	10.00 ft
Unit Weight of Concrete:	150.0 pcf
Unit Weight of Soil Above Water Table:	110.0 pcf
Unit Weight of Water:	62.4 pcf
Unit Weight of Soil Below Water Table:	60.0 pcf
Friction Angle of Uplift:	30.0 Degrees
Ultimate Coefficient of Shear Friction:	0.30
Ultimate Compressive Bearing Pressure:	6000.0 psf
Ultimate Passive Pressure on Pad Face:	0.0 psf
$\phi_{\text{Soil and Concrete Weight}}$:	0.9
ϕ_{Soil} :	0.75

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

Overturning Moment Usage

Design OTM:	2228.0 k-ft
OTM Resistance:	3140.5 k-ft
Design OTM / OTM Resistance:	0.71 Result: OK

Soil Bearing Pressure Usage:

Net Bearing Pressure:	3926 psf
Nominal Bearing Pressure:	4500 psf
Net Bearing Pressure/Nominal Bearing Pressure:	0.87 Result: OK
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge

Sliding Factor of Safety

Total Factored Sliding Resistance:	79.3 k
Sliding Design / Sliding Resistance:	0.25 Result: OK



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Calculated Radio Frequency Emissions



at&t

CT1020

(Canton)

4 Hoffman Road, Canton, CT 06019

October 16, 2012

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1. Introduction

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

AT&T is proposing the following modifications:

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

2. FCC Guidelines for Evaluating RF Radiation Exposure Limits

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

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

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

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

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

3. RF Exposure Prediction Methods

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

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

Where:

EIRP = Effective Isotropic Radiated Power

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

H = Horizontal Distance from antenna in meters

V = Vertical Distance from radiation center of antenna in meters

Ground reflection factor of 1.6

Off Beam Loss is determined by the selected antenna pattern

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

4. Calculation Results

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

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

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

Table 1: Carrier Information^{1 2 3}

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

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

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

5. Conclusion

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

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

6. Statement of Certification

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



Daniel L. Goulet
C Squared Systems, LLC

October 16, 2012

Date

Attachment A: References

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

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

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

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

(A) Limits for Occupational/Controlled Exposure⁴

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

(B) Limits for General Population/Uncontrolled Exposure⁵

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

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

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

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

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

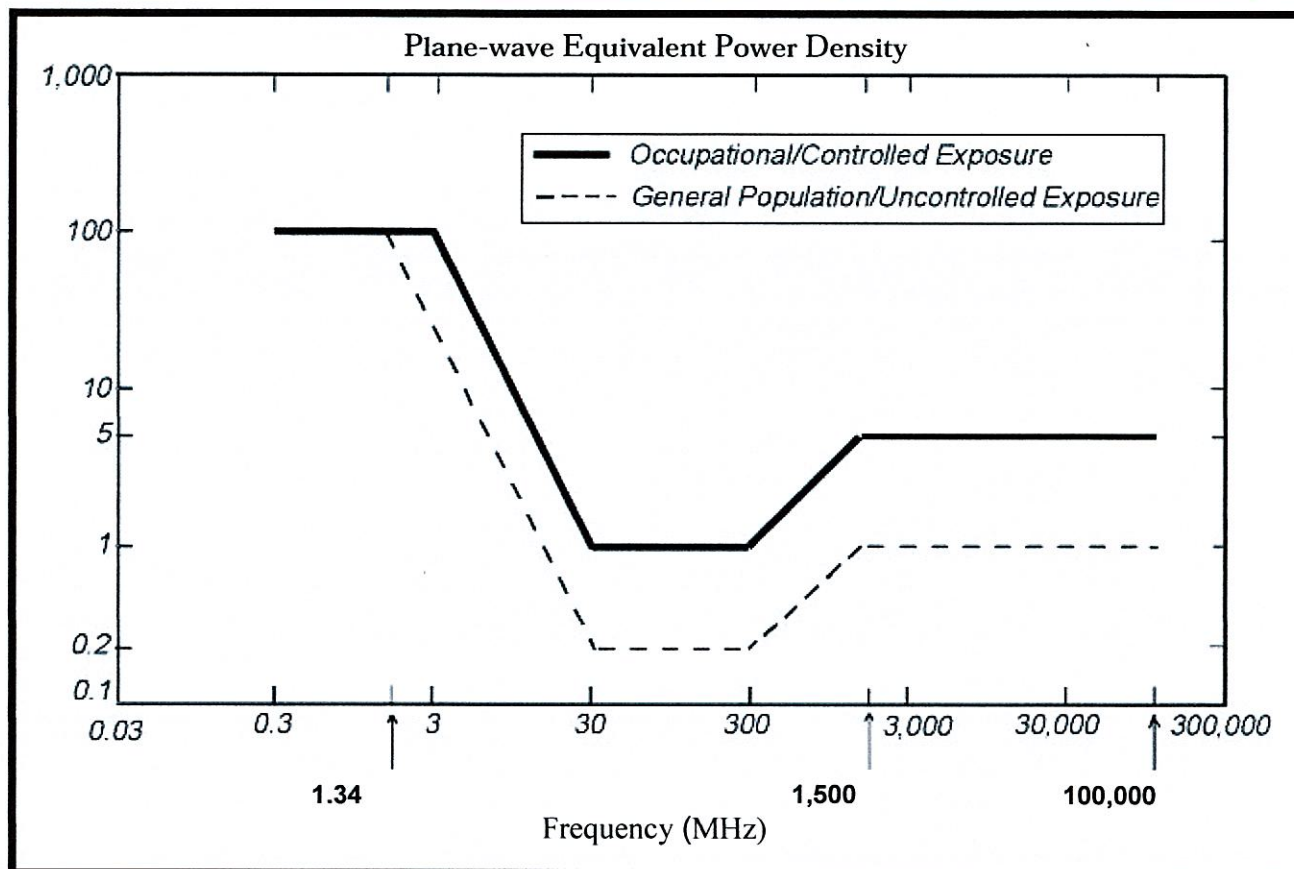
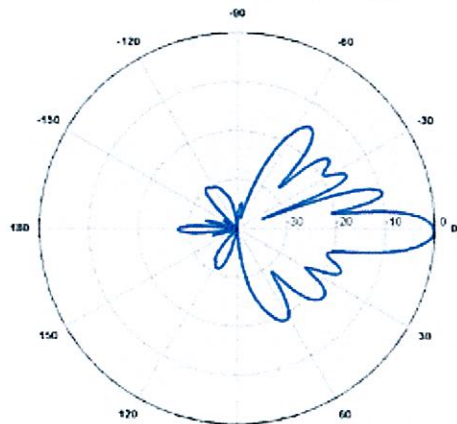
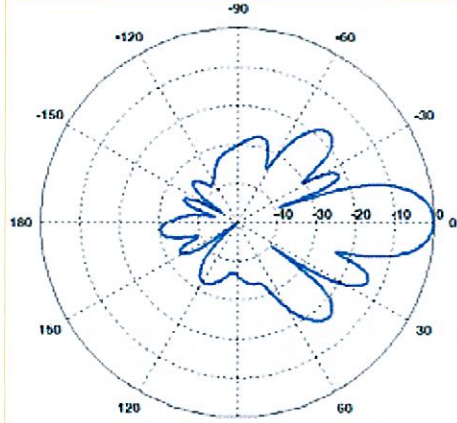


Figure 1: Graph of FCC Limits for Maximum Permissible Exposure (MPE)

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

700 MHz Manufacturer: Powerwave Model #: P65-17-XLH-RR Frequency Band: 698-806 MHz Gain: 14.3 dBd Vertical Beamwidth: 8.4° Horizontal Beamwidth: 70° Polarization: Dual Linear $\pm 45^\circ$ Size L x W x D: 96.0" x 12.0" x 6.0"	
850 MHz Manufacturer: Powerwave Model #: 7770.00 Frequency Band: 824-896 MHz Gain: 11.5 dBd Vertical Beamwidth: 15° Horizontal Beamwidth: 82° Polarization: Dual Linear $\pm 45^\circ$ Size L x W x D: 55" x 11.0" x 5.0"	
1900 MHz Manufacturer: Powerwave Model #: 7770.00 Frequency Band: 1850-1990 MHz Gain: 13.4 dBd Vertical Beamwidth: 7° Horizontal Beamwidth: 86° Polarization: $\pm 45^\circ$ Size L x W x D: 55" x 11.0" x 5.0"	