

Transcend Wireless
48 Spruce Street
Oakland, NJ 07436
Phone: (203) 217-6200
Chris Bisson
Real Estate Consultant

EM-T-MOBILE-049-130718

05/15/2013

Hand Delivered

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



RE: T-Mobile Northeast LLC notice of intent to modify an existing telecommunications facility located at 1 Ecology Drive, Enfield, CT. Known to T-Mobile Northeast LLC as site CT11534A.

Dear Ms. Roberts:

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

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

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

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

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

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

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

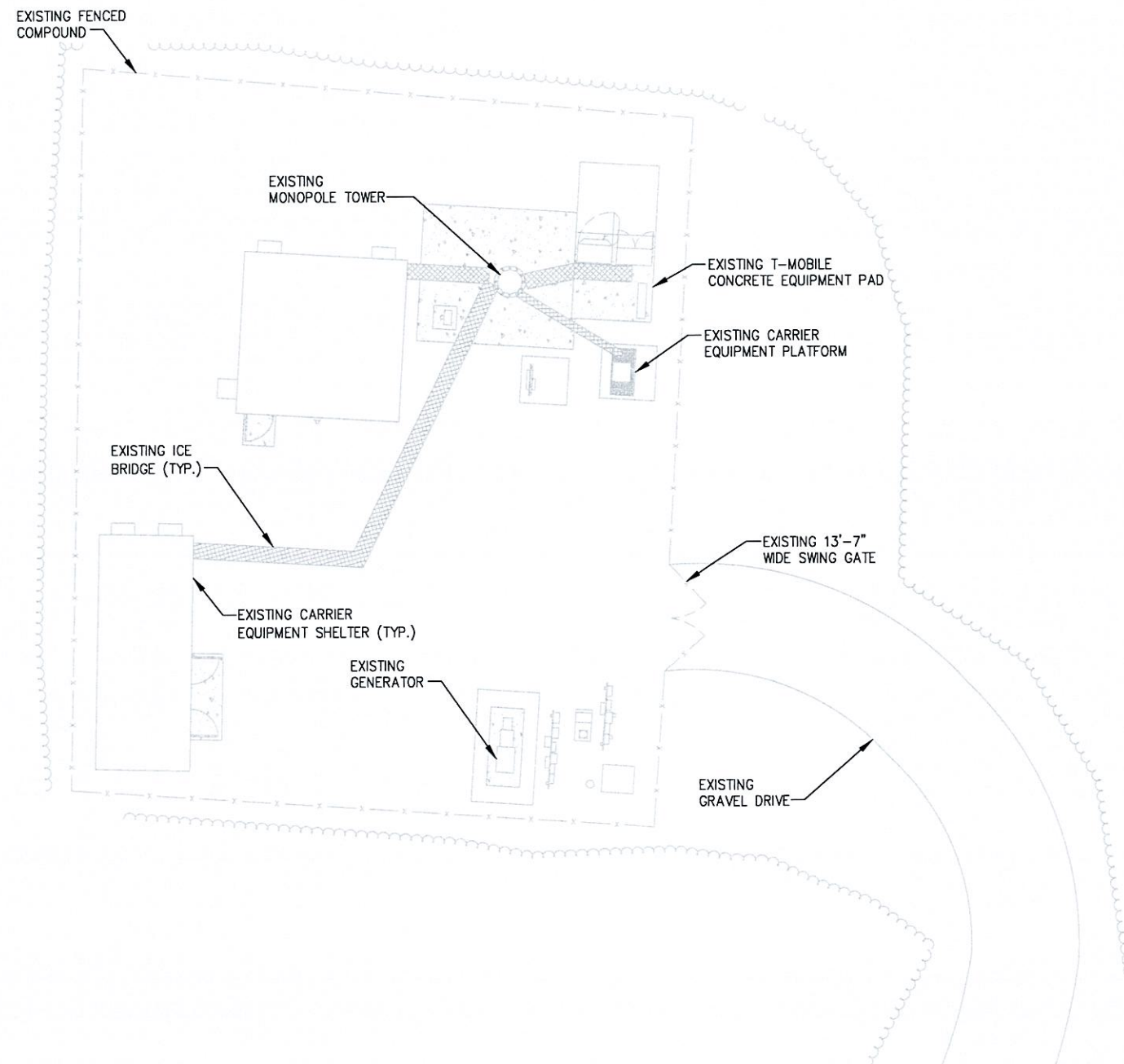
For the foregoing reasons T-Mobile Northeast LLC respectfully submits that the proposed changes at the referenced site constitute exempt modifications under R.C.S.A. Section 16-50j-72(b)(2).

Please feel free to call me at (203) 217-6200 or email cbisson@transcendwireless.com with questions concerning this matter.

Thank you for your consideration.

Sincerely,

Chris Bisson
(203) 217-6200



CALLED NORTH



SITE PLAN
SCALE: AS NOTED

GENERAL SITE NOTES:

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

SITE LEGEND

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

T-Mobile

INFINIGY  Design.
build.
Deliver.

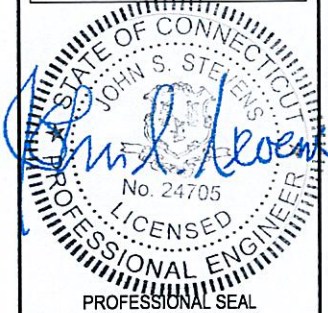
11 HERBERT DRIVE
LATHAM, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793

SUBMITTALS

[illegible]

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

PROJECT NO:	317-0975
DRAWN BY:	MJB
CHECKED BY:	AJD



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

SITE NAME
CT11534A
CT534/SPECTRASITE ENFIELD
1 ECOLOGY DRIVE
ENFIELD, CT 06082

SHEET TITLE

SITE PLAN

SHEET NUMBER

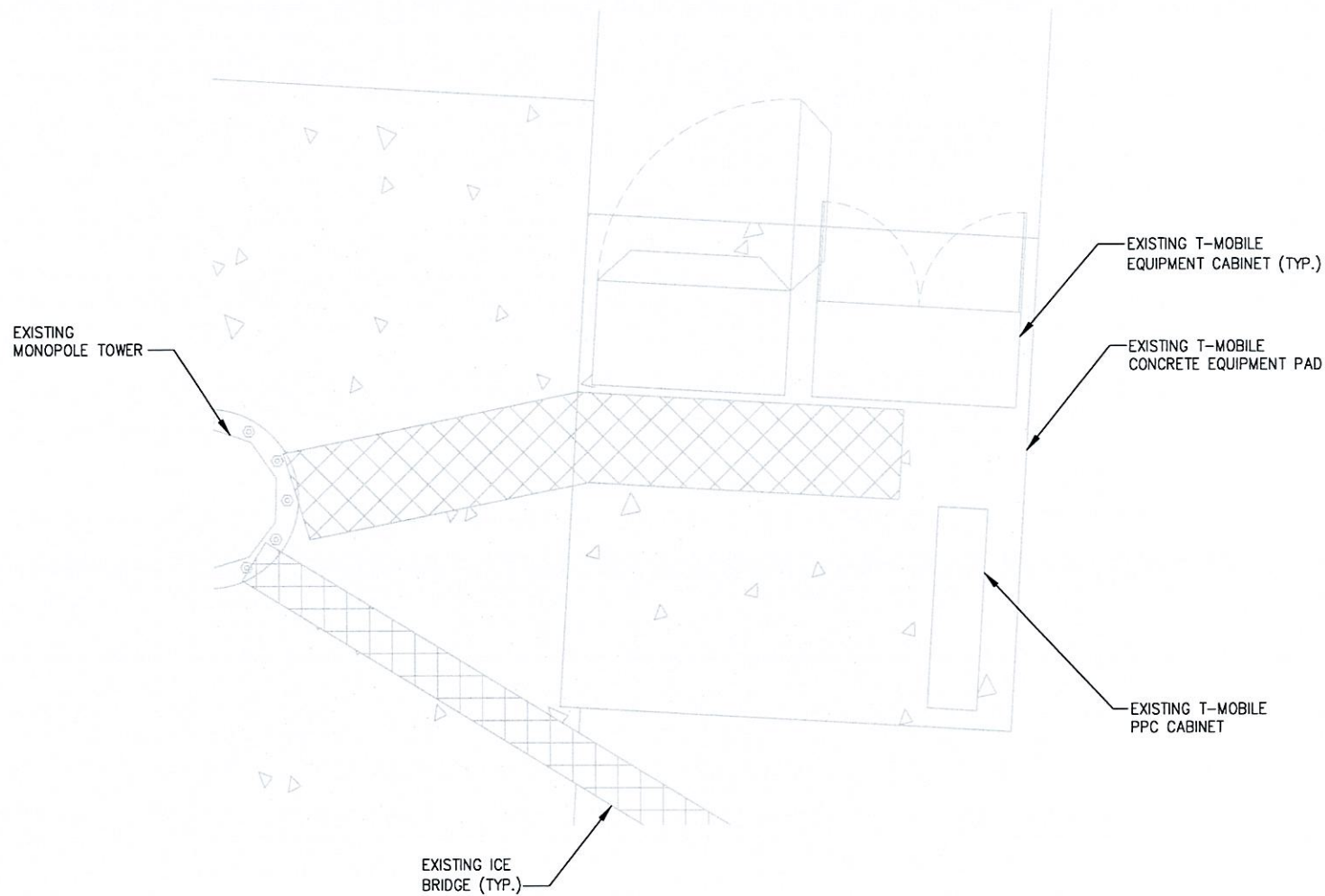
C-1

SHEET 2 OF 8 SHEETS

GRAPHIC SCALE



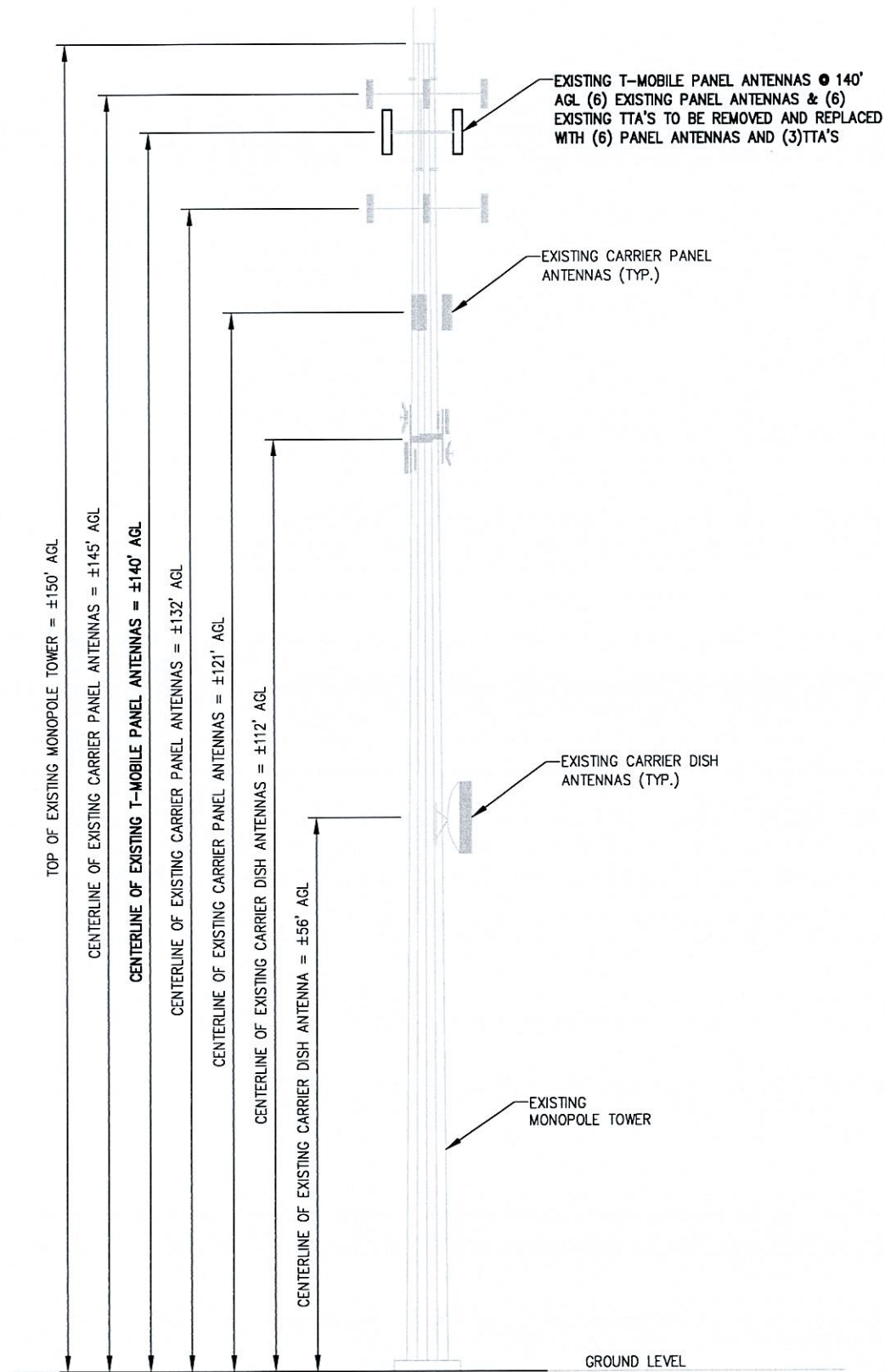
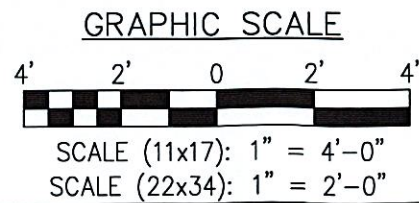
SCALE (11x17): 1" = 20'-0"
SCALE (22x34): 1" = 10'-0"



CALLLED NORTH



1 COMPOUND PLAN
SCALE: AS NOTED



2 TOWER ELEVATION
NOT TO SCALE

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

T-Mobile

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

Design:
MJB
Denver

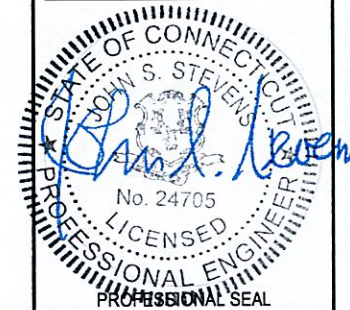
INFINIGY
11 HERBERT DRIVE
LATHAM, NY 12110
OFFICE: (518) 690-0730
FAX: (518) 690-0733

SUBMITTALS

DATE	DESCRIPTION	REVISION
04/23/13	REVIEW	A
05/13/13	FOR PERMIT	0

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

PROJECT NO: 317-0975
DRAWN BY: MJB
CHECKED BY: AJD



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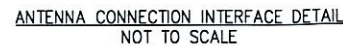
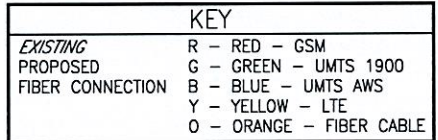
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OF THE NOTED SCALE.

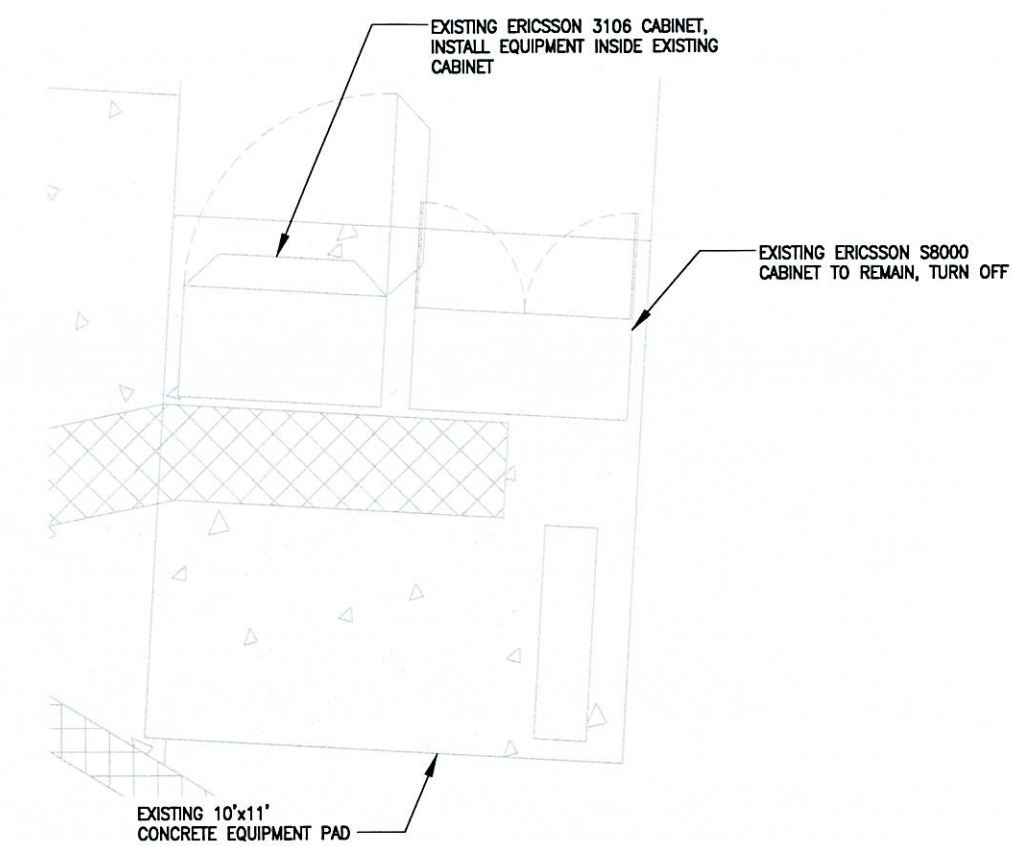
SITE NAME
CT11534A
CT534/SPECTRASITE ENFIELD
1 ECOLOGY DRIVE
ENFIELD, CT 06082

SHEET TITLE
**COMPOUND PLAN
& ELEVATION**

SHEET NUMBER
C-2
SHEET 3 OF 8 SHEETS

RF SYSTEM SCHEDULE (2C CONFIGURATION)																					
SECTOR	TECHNOLOGY	ANTENNA PORT	BAND	ANTENNA MODEL #	VENDOR	AZIMUTH	M-TILT	E-TILT	ANTENNA CENTERLINE	TMA MODEL #	VENDOR	CABLE LENGTH	CABLE DIAMETER	CABLE TYPE	CABLE MODEL #	VENDOR	CABLE TAGGING	COLOR CODING	JUMPER TYPE	JUMPER TAGGING	COLOR CODING
A	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	10°	0°	2°	140'-0"	ATMAA1412D	N/A	EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS A1	B	COAX	UMTS AWS A1	B
		RF #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS A2	B	COAX	UMTS AWS A2	B
	LMU	LMU #1	-							EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU A1	-	COAX	LMU A1	-		
		LMU #2								EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU A2	-	COAX	LMU A2	-		
	GSM	OPTICAL #1	B2A							-	160'±	-	HYBRID	MASTERLINE EXTREME HYBRID (3x6)	ERICSSON	FIBER 1	0	FIBER	GSM 1900 A1	R	
	UMTS	OPTICAL #2																FIBER	UMTS 1900 A2	G	
	LTE AWS	OPTICAL #1	B4A							AIR21	ERICSSON	10°	0°	2°	140'-0"	-	-				
B	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	130°	0°	2°	140'-0"	ATMAA1412D	N/A	EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS B1	BB	COAX	UMTS AWS B1	BB
		RF #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS B2	BB	COAX	UMTS AWS B2	BB
	LMU	LMU #1	-							EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU B1	-	COAX	LMU B1	-		
		LMU #2								EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU B2	-	COAX	LMU B2	-		
	GSM	OPTICAL #1	B2A							-	-	-	(ANTENNA CONNECTED VIA SINGLE SHARED MLE HYBRID GEN2 CABLE. SEE SECTOR "A")	HYBRID	GSM 1900 B1	RR					
	UMTS	OPTICAL #2												HYBRID	UMTS 1900 B2	GG					
	LTE AWS	OPTICAL #1	B4A							AIR21	ERICSSON	130°	0°	2°	140'-0"	-	-				
C	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	250°	0°	2°	140'-0"	ATMAA1412D	N/A	EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS C1	BBB	COAX	UMTS AWS C1	BBB
		RF #2										EXISTING	1-5/8"	COAX	EXISTING	N/A	UMTS AWS C2	BBB	COAX	UMTS AWS C2	BBB
	LMU	LMU #1	-							EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU C1	-	COAX	LMU C1	-		
		LMU #2								EXISTING	1-5/8"	COAX	EXISTING	N/A	LMU C2	-	COAX	LMU C2	-		
	GSM	OPTICAL #1	B2A							-	-	(ANTENNA CONNECTED VIA SINGLE SHARED MLE HYBRID GEN2 CABLE. SEE SECTOR "A")	HYBRID	GSM 1900 C1	RRR						
	UMTS	OPTICAL #2											HYBRID	UMTS 1900 C2	GGG						
	LTE AWS	OPTICAL #1	B4A							AIR21	ERICSSON	250°	0°	2°	140'-0"	-	-				

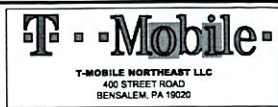




1 EQUIPMENT PAD LAYOUT PLAN
NOT TO SCALE

2 NOT USED
NOT TO SCALE

STRUCTURAL NOTES:
1. SPECIFICATIONS / CODES:
- CONCRETE WORK SHALL BE PERFORMED IN ACCORDANCE WITH LATEST EDITION OF THE ACI CODE.
- STEEL WORK SHALL BE PERFORMED IN ACCORDANCE WITH AISC STEEL CONSTRUCTION MANUAL, 9TH EDITION.
- WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AMERICAN WELDING SOCIETY (AWS) D1.1-92 "STRUCTURAL WELDING" CODE-STEEL.
- REINFORCING STEEL SHALL BE PLACED IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTE (CRSI), "MANUAL OF STANDARD PRACTICE."
2. MATERIALS:
- CONCRETE: $f_c' = 3000$ psi. (MIN. U.N.O.)
- REINFORCING STEEL: ASTM A615, GRADE 60.
- WIRE MESH: ASTM A185.
- STRUCTURAL STEEL: ASTM A36.
- ELECTRODES FOR WELDING: E 70xx.
- GALVANIZING: ASTM A153 (BOLTS) OR ASTM A123 (SHAPES, PLATES).
- EXPANSION BOLTS: HILTI KWIK BOLT II, STAINLESS STEEL, 3/4"x43/4" EMBEDMENT OR AN APPROVED EQUAL.

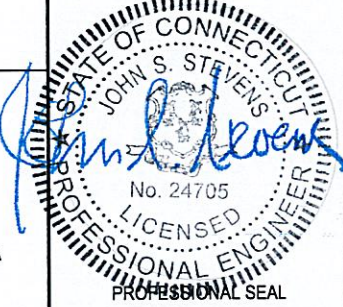


INFINICITY 8
Design. Build. Deliver.
11 HERBERT DRIVE
LYNN, MA 01901
OFFICE: (508) 682-0700
FAX: (508) 682-0733

SUBMITTALS		
DATE	DESCRIPTION	REVISION
04/23/13	REVIEW	A
05/2/13	FOR PERMIT	D

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

PROJECT NO: 317-0975
DRAWN BY: MJB
CHECKED BY: AJD



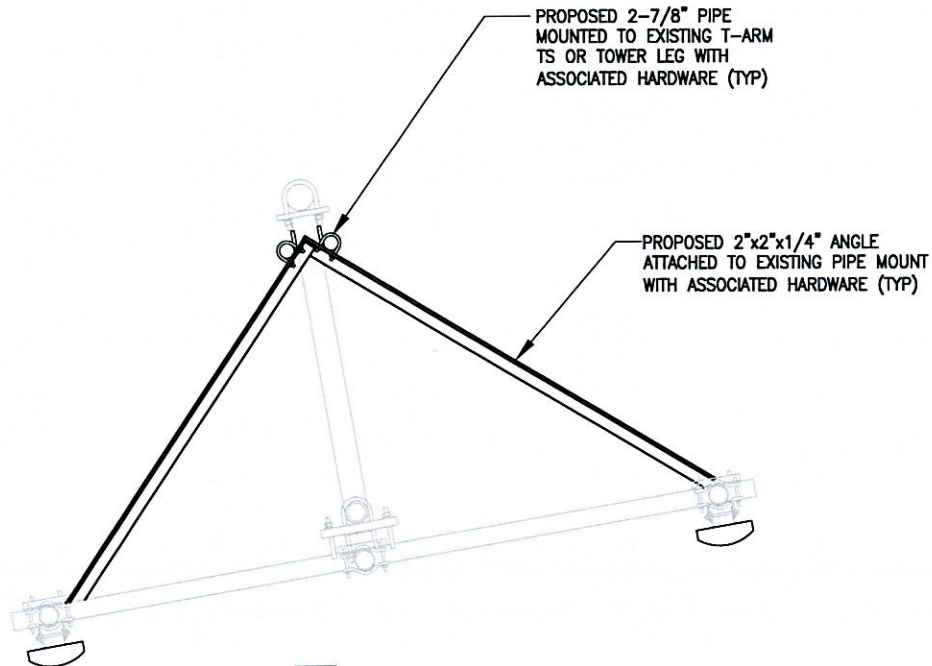
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CT11534A
CT534/SPECTRASITE ENFIELD
1 ECOLOGY DRIVE
ENFIELD, CT 06082

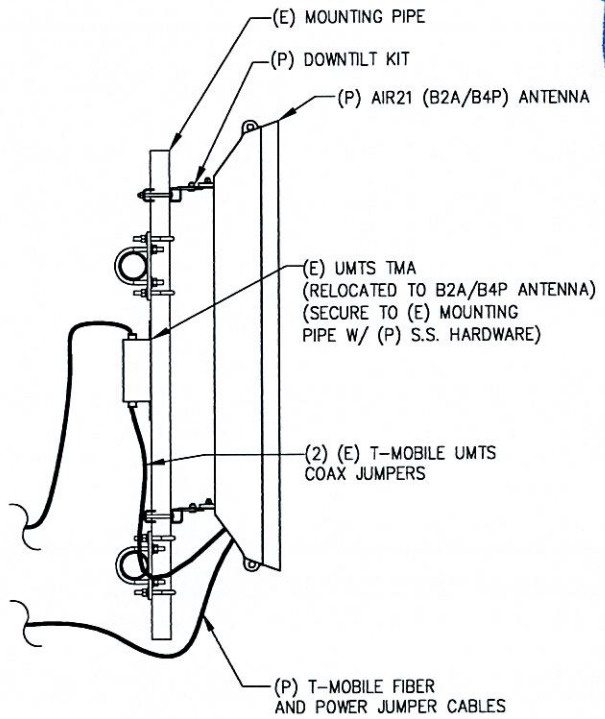
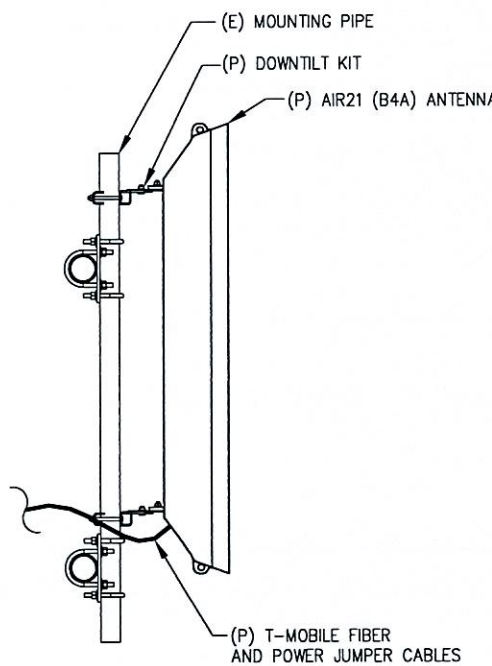
SHEET TITLE
EQUIPMENT SPECIFICATIONS

SHEET NUMBER
S-1
SHEET 5 OF 8 SHEETS

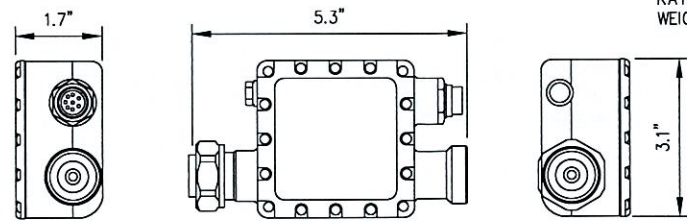


3 ANTENNA REINFORCEMENT
NOT TO SCALE

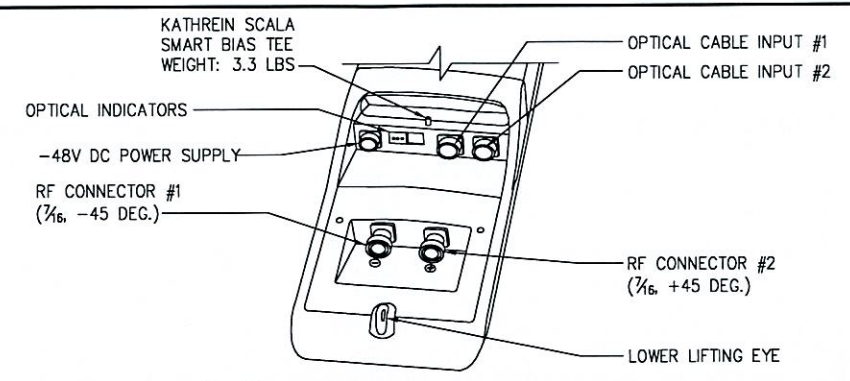
*USE WHEN EXISTING ANTENNA PIPE MOUNT HAS ONLY ONE POINT OF ATTACHMENT



4 ANTENNA MOUNTING DETAIL
NOT TO SCALE



1 SMART BIAS-TEE DETAIL
NOT TO SCALE



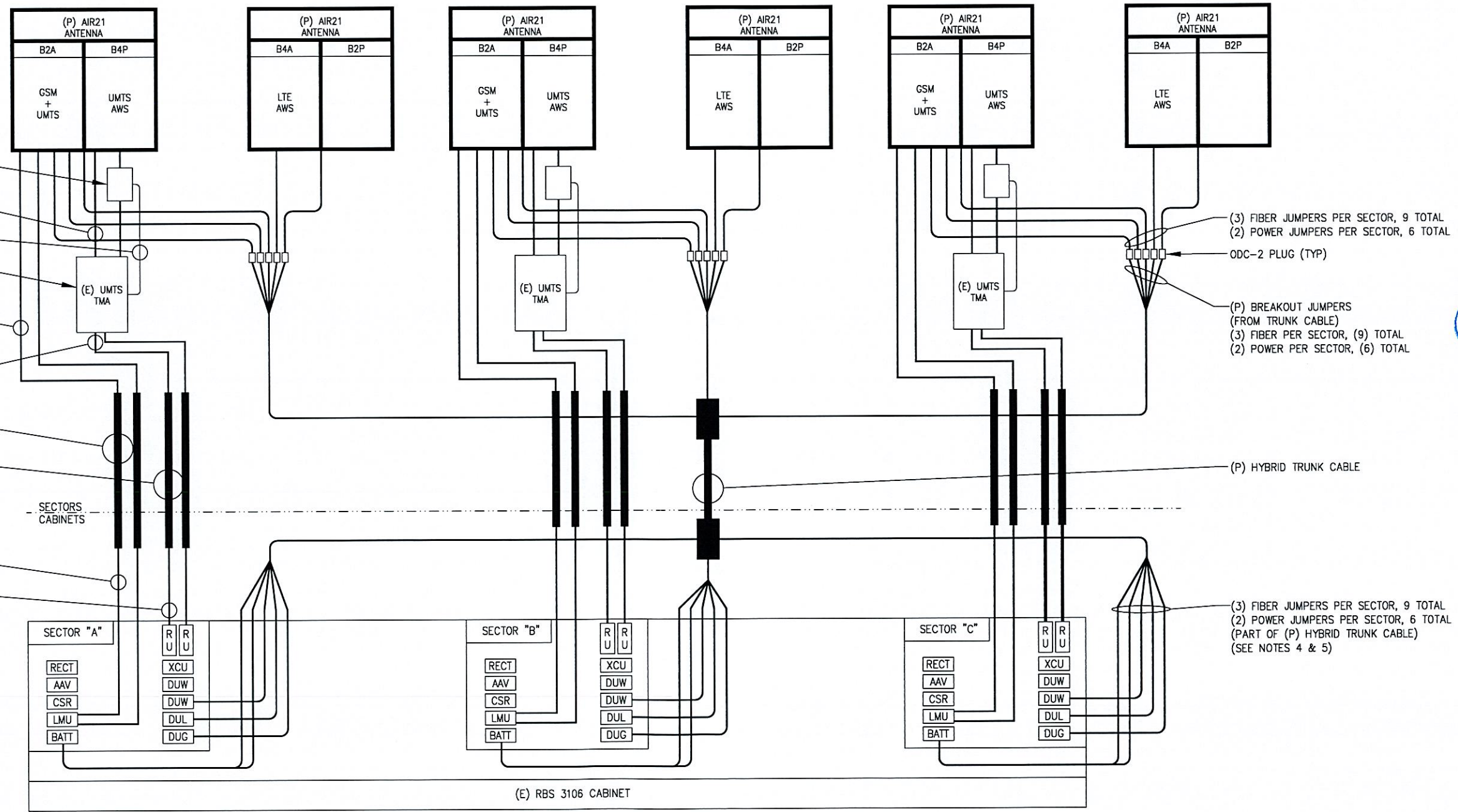
2 ANTENNA CONNECTION INTERFACE
NOT TO SCALE

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

SECTOR "A"
(VIEW FROM BEHIND)

SECTOR "B"
(VIEW FROM BEHIND)

SECTOR "C"
(VIEW FROM BEHIND)



3 2C CONFIGURATION COAX/FIBER PLUMBING DIAGRAM
NOT TO SCALE

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

INFINICITY
Design. Build. Deliver.
11 HERBERT DRIVE
LATHAM, NY 12110-0900
OPTICAL: (518) 680-0730
FAX: (518) 680-0733

SUBMITTALS		
DATE	DESCRIPTION	REVISION
04/23/13	REVIEW	A
05/23/13	FOR PERMIT	D

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

PROJECT NO: 317-0975
DRAWN BY: MJB
CHECKED BY: AJD

STATE OF CONNECTICUT
JOHN S. STEINBERG
No. 24705
LICENSED PROFESSIONAL ENGINEER
PROFESSIONAL SEAL

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CT534/SPECTRASITE ENFIELD
1 ECOLOGY DRIVE
ENFIELD, CT 06082

SHEET TITLE
COAX/FIBER PLUMBING DIAGRAM

SHEET NUMBER
E-2

SHEET 7 OF 8 SHEETS



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

T-Mobile Existing Facility

Site ID: CT11534A

**Spectrasite Enfield
Town Farm Road (1 Ecology Drive)
Enfield, CT 06082**

July 17, 2013

EBI Project Number: 62138511

July 17, 2013

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

Re: Emissions Values for Site: **CT11534A - Spectrasite Enfield**

EBI Consulting was directed to analyze the proposed T-Mobile facility located at Town Farm Road (1 Ecology Drive), Enfield, CT, for the purpose of determining whether the emissions from the Proposed T-Mobile Antenna Installation located on this property are within specified federal limits.

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

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

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

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

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

Additional details can be found in FCC OET 65.

CALCULATIONS

Calculations were done for the proposed T-Mobile Wireless antenna facility located at Town Farm Road (1 Ecology Drive), Enfield, CT, using the equipment information listed below. All calculations were performed per the specifications under FCC OET 65. Since T-Mobile is proposing highly focused directional panel antennas, which project most of the emitted energy out toward the horizon, the actual antenna pattern gain value in the direction of the sample area was used. For this report the sample point is a 6 foot person standing at the base of the tower

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

- 1) 2 GSM channels (1935.000 MHz—to 1945.000 MHz) were considered for each sector of the proposed installation.
- 2) 2 UMTS channels (2110.000 MHz to 2120.000 MHz / 2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
- 3) 2 LTE channels (2110.000 MHz to 2120.000 MHz / 2140.000 MHz to 2145.000 MHz) were considered for each sector of the proposed installation
- 4) All radios at the proposed installation were considered to be running at full power and were uncombined in their RF transmissions paths per carrier prescribed configuration. Per FCC OET Bulletin No. 65 - Edition 97-01 recommendations to achieve the maximum anticipated value at each sample point, all power levels emitting from the proposed antenna installation are increased by a factor of 2.56 to account for possible in-phase reflections from the surrounding environment. This is rarely the case, and if so, is never continuous.
- 5) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The actual gain in this direction was used per the manufactures supplied specifications.
- 6) The antenna used in this modeling is the Ericsson AIR21 for LTE, UMTS and GSM. This is based on feedback from the carrier with regards to anticipated antenna selection. This antenna has a 15.6 dBd gain value at its main lobe. Actual antenna gain values were used for all calculations as per the manufacturers specifications

- 7) The antenna mounting height centerline of the proposed antennas is **140 feet** above ground level (AGL)
- 8) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

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

Site ID	CT11534A - Spectrasite Enfield
Site Address	Town Farm Road (1 Ecology Drive), Enfield, CT 06082
Site Type	Monopole

Sector 1												
Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	140	134	None
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-	0	0	0	-3.95	140	134	None
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	140	134	1-5/8"
2b	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	140	134	1-5/8"
Sector total Power Density Value:												0.194%
Sector 2												
Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	140	134	None
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-	0	0	0	-3.95	140	134	None
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	140	134	1-5/8"
2b	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	140	134	1-5/8"
Sector total Power Density Value:												0.194%
Sector 3												
Antenna Number	Antenna Make	Antenna Model	Status	Frequency Band	Technology	Power Out Per Channel (Watts)	Number of Channels	Composite Power	Antenna Gain in direction of sample point (dBi)	Antenna Height (ft)	analysis height	Cable Size
1a	Ericsson	AIR21 B4A/B2P	Active	AWS - 2100 MHz	LTE	60	2	120	-3.95	140	134	None
1b	Ericsson	AIR21 B4A/B2P	Not Used	-	-	0	0	0	-3.95	140	134	None
2a	Ericsson	AIR21 B2A / B4P	Active	PCS - 1950 MHz	GSM / UMTS	30	2	60	-3.95	140	134	1-5/8"
2b	Ericsson	AIR21 B2A / B4P	Passive	AWS - 2100 MHz	UMTS	30	2	60	-3.95	140	134	1-5/8"
Sector total Power Density Value:												0.194%

Site Composite MPE %	
Carrier	MPE %
T-Mobile	0.581%
AT&T	14.740%
Clearwire	1.480%
MetroPCS	4.570%
SNET Paging	3.480%
Verizon Wireless	17.950%
Cable Vision	1.380%
Total Site MPE %	44.181%

Summary

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

The anticipated Maximum Composite contributions from the T-Mobile facility are **0.581% (0.194% from each sector)** of the allowable FCC established general public limit considering all three sectors simultaneously sampled at the ground level.

The anticipated composite MPE value for this site assuming all carriers present is **44.181%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions

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



Scott Heffernan
RF Engineering Director

EBI Consulting
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Burlington, MA 01803

TMO CT11534A



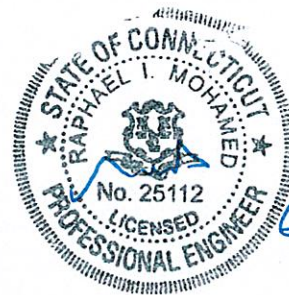
AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 150 ft Monopole
ATC Site Name : Enfd - Enfield, CT
ATC Site Number : 302489
Engineering Number : 53058324
Proposed Carrier : T-Mobile
Carrier Site Name : N/A
Carrier Site Number : CT11534A
Site Location : Town Farm Road
Enfield, CT 06082-5152
41.965917,-72.552700
County : Hartford
Date : June 27, 2013
Max Usage : 100%
Result : Pass

Jessica Abbott, E.I.
Design Engineer

Jessica Abbott



6/28/13



AMERICAN TOWER®
C O R P O R A T I O N

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Jessica Abbott, E.I.
Design Engineer

Jessica Abbott



Eng. Number 53058324
June 27, 2013

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Deflection, Twist, and Sway	3
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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 T-Mobile.

Supporting Documents

Tower Drawings	Smith Cullum Acquisition #CT-0025, dated May 14, 2001
Foundation Drawing	Southern New England Telephone, dated June 6, 1985
Geotechnical Report	MB & A Project #011107, dated June 16, 2001
Modifications	ATC Job #40464632, dated May 23, 2007 ATC Job #40071639, dated December 6, 2007 ATC Job #48982632, dated April 25, 2012

Analysis

The tower was analyzed using American Tower Corporation's tower analysis software. This program considers an elastic three-dimensional model and second-order effects per ANSI/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:	C
Topographic Category:	1

Conclusion

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

If you have any questions or require additional information, please contact me via email at jessica.abbott@americantower.com or call 919-466-5209.



Existing and Reserved Equipment

Mount Elev. ¹ (ft)	Qty.	Antenna	Mount Type	Lines	Carrier
150.0	6	ADC DD1900	Platform w/ Handrails	(13) 1 5/8" Coax (2) 0.78" 8 AWG 6 (1) 0.39" Cable (1) 3" Conduit	AT&T Mobility
	6	Allgon 7770.00			
	1	Andrew SBNH-1D6565C			
	6	Ericsson RRUS 11 (Band 12)			
	6	Powerwave LGP13519			
	2	Powerwave P65-16-XLH-RR			
	1	Raycap DC6-48-60-18-8F			
	1	Decibel DB809KE-SY		(1) 1 5/8" Coax	USA Mobility
144.0	2	Diamond X50A	Side Arms	(2) 1/2" Coax	Enertrac
140.0	-	-	Low Profile Platform	(12) 1 5/8" Coax	T-Mobile
126.0	3	Alcatel-Lucent RRH2x40-AWS	Low Profile Platform	(12) 1 5/8" Coax (1) 1 5/8" Hybriflex	Verizon
	3	Antel BXA-171085-12CF-EDIN-X			
	3	Antel BXA-171085-8BF-EDIN-X			
	3	Antel BXA-70063-4CF-EDIN-10			
	3	Antel BXA-80080-6CF-EDIN- X			
	1	RFS DB-T1-6Z-8AB-OZ			
	6	RFS FD9R6004/2C-3L			
118.0	3	RFS APXV18-206517S-C	Flush	(6) 1 5/8" Coax	Youghiogheny
103.0	1	24" x 24" Junction Box	Side Arms	(6) 5/16" Coax (4) 1/2" Coax (2) 2" Cond.	Clearwire
	3	Argus LLPX310R			
	2	DragonWave A-ANT-11G-2-C			
	2	DragonWave Horizon Compact			
	3	NextNet BTS-2500			
56.0	1	Channel Master Type 120	Pipe	(1) 1/2" Coax	USA Mobility

Proposed Equipment

Elevation ¹ (ft)		Qty.	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
140.0	140.0	3	Ericsson AIR 21, 1.3M, B2A B4P	Low Profile Platform	(1) 1 1/4" Hybriflex	T-Mobile
		3	Ericsson AIR 21, 1.3M, B4A B2P			
		3	Ericsson KRY 112 144/1			

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 outside the pole shaft. Stacking coax is not allowed.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	99%	Pass
Shaft	100%	Pass
Base Plate	51%	Pass
Flanges	35%	Pass
Reinforcement	96%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	3,906.8
Axial (Kips)	111.4
Shear (Kips)	39.7

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) (°)
140.0	1.875	1.660

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



Standard Conditions

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

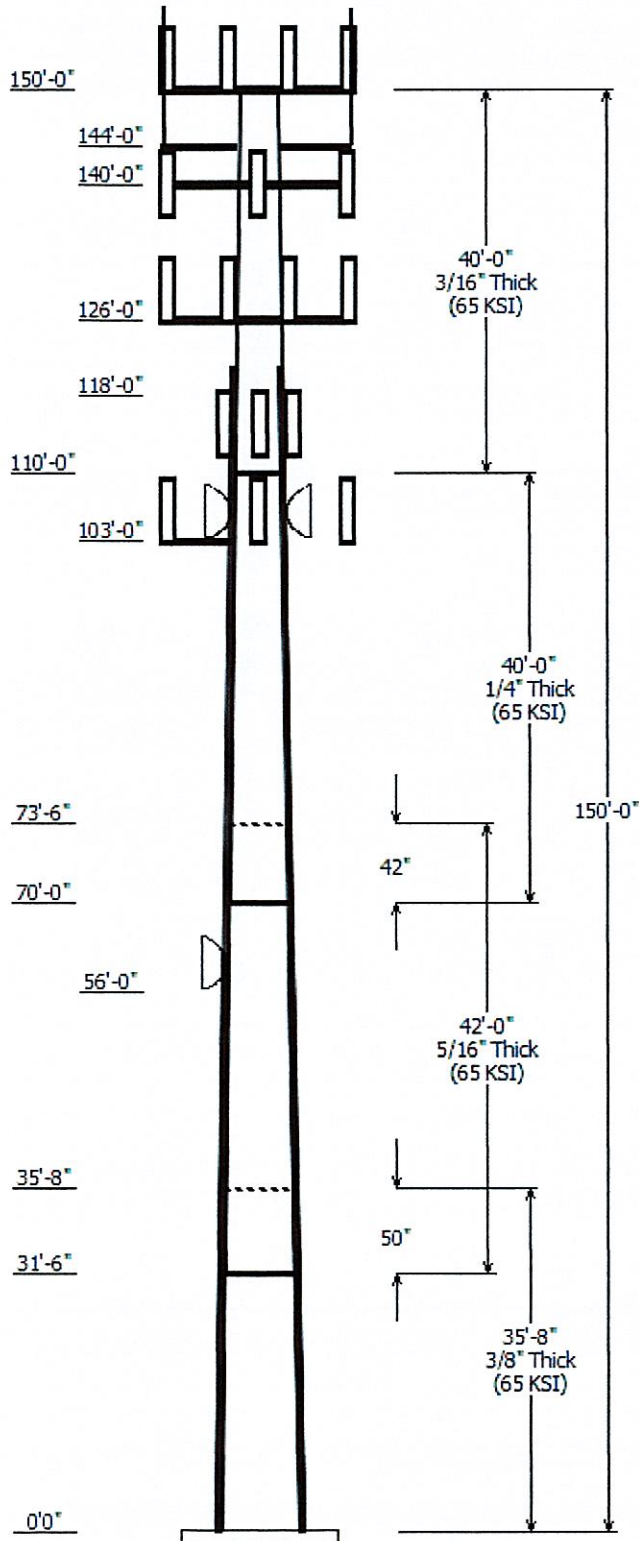
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

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

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

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

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Job Information

Pole : 302489 Code: ANSI/TIA-222 Rev G
 Description : 150' ITT Meyer Type "B" Monopole
 Client : T-Mobile Struct Class : II
 Location : Enfd - Enfield, CT
 Shape : 12 Sides Exposure : C
 Height : 150.00 (ft) Topo : 1
 Base Elev (ft): 0.00
 Taper: 0.15670(in/ft)

Sections Properties

Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in) Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
		Across Flats Top	Across Flats Bottom				
1	35.667	31.79	37.38	0.375	0.000	0.156700	65
2	42.000	26.48	33.06	0.313 Slip Joint	50.000	0.156700	65
3	40.000	21.26	27.53	0.250 Slip Joint	42.000	0.156700	65
4	40.000	15.00	21.26	0.188 Butt Joint	0.000	0.156700	65

Discrete Appurtenance

Attach Elev (ft)	Force Elev (ft)	Qty	Description
150.000	152.000	6	Powerwave LGP13519
150.000	152.000	2	Powerwave P65-16-XLH-RR
150.000	152.000	1	Andrew SBNH-1D6565C
150.000	152.000	6	Ericsson RRUS 11 (Band 12)
150.000	152.000	1	Raycap DC6-48-60-18-8F
150.000	152.000	6	ADC DD1900
150.000	152.000	6	Allgon 7770.00
150.000	162.000	1	Decibel DB809KE-SY
150.000	150.000	1	Flat Platform w/ Handrails
144.000	144.000	2	Flat Side Arm
144.000	146.800	2	Diamond X50A
140.000	140.000	3	Ericsson AIR 21, 1.3M, B2A B4P
140.000	140.000	3	Ericsson AIR 21, 1.3M, B4A B2P
140.000	140.000	3	Ericsson KRY 112 144/1
140.000	140.000	1	Flat Low Profile Platform
126.000	127.000	1	RFS DB-T1-6Z-8AB-0Z
126.000	127.000	6	RFS FD9R6004/2C-3L
126.000	127.000	3	Alcatel-Lucent RRH2x40-AWS
126.000	127.000	3	Antel BXA-171085-8BF-EDIN-X
126.000	127.000	3	Antel BXA-171085-12CF-EDIN-X
126.000	127.000	3	Antel BXA-70063-4CF-EDIN-10
126.000	127.000	3	Antel BXA-80080-6CF-EDIN- X
126.000	126.000	1	Round Low Profile Platform
118.000	115.000	3	RFS APXV18-206517S-C
103.000	107.000	3	NextNet BTS-2500
103.000	109.000	2	DragonWave Horizon Compact
103.000	109.000	2	DragonWave A-ANT-11G-2-C
103.000	103.000	1	Side Arms
103.000	107.000	3	Argus LLPX310R
103.000	106.000	1	24" x 24" Junction Box
56.000	58.000	1	Channel Master Type 120

Linear Appurtenance

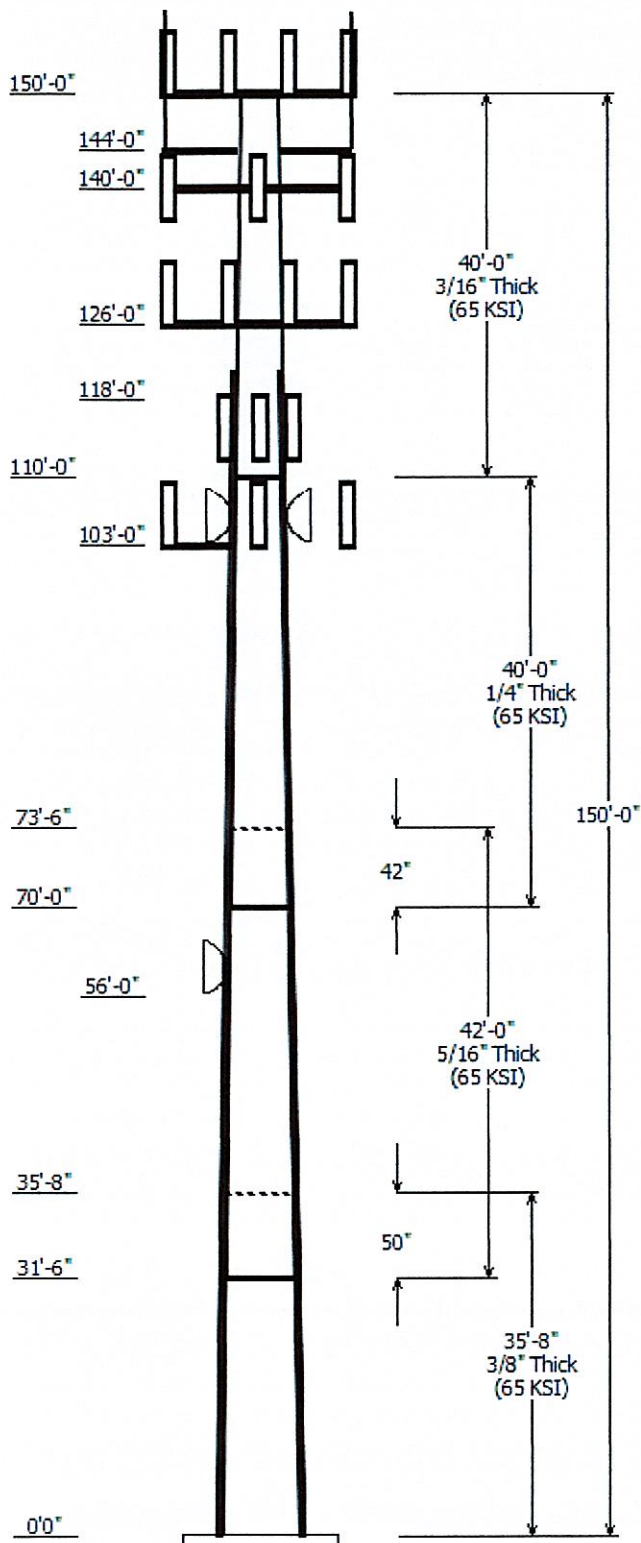
Elev (ft)		Description	Exposed To Wind
From	To		
10.000	126.0	1 5/8" Coax	Yes
10.000	126.0	1 5/8" Hybriflex	Yes
10.000	140.0	1 1/4" Hybriflex	Yes
10.000	140.0	1 5/8" Coax	No
10.000	140.0	1 5/8" Coax	Yes
10.000	144.0	1/2" Coax	Yes

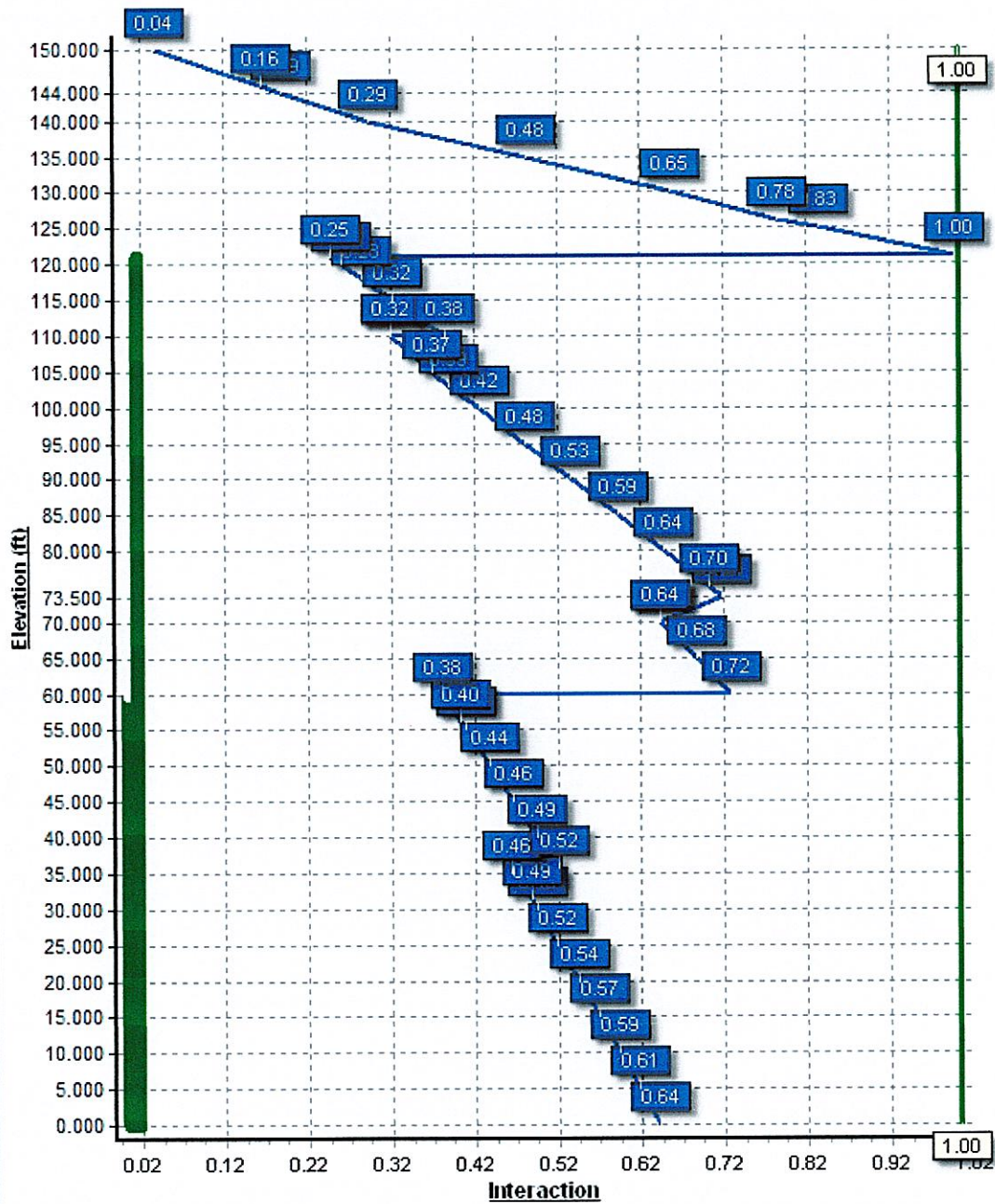
10.000	150.0	0.39" Cable	Yes
10.000	150.0	0.78" 8 AWG 6	Yes
10.000	150.0	1 5/8" Coax	Yes
10.000	150.0	1 5/8" Coax	No
10.000	150.0	1 5/8" Coax	Yes
10.000	150.0	3" Conduit	No
10.000	31.700	Dywidag	Yes
10.000	56.000	1/2" Coax	Yes
10.000	103.0	1/2" Coax	Yes
10.000	103.0	2" Cond.	Yes
10.000	103.0	5/16" Coax	Yes
10.000	118.0	1 5/8" Coax	Yes
0.000	125.5	#20 Dywidag bars	Yes

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	3906.77	39.65	56.13
0.9D + 1.6W	3861.84	39.62	45.10
1.2D + 1.0Di + 1.0Wi	1199.74	11.22	111.41
1.0D + 1.0W	999.38	10.22	48.86

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	56.00	4.242	0.698
1.0D + 1.0W	103.00	14.819	1.469

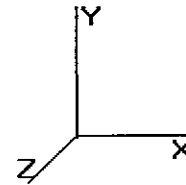




Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)			
1-12	35.667	0.3750	65	Slip	0.00	5,014	37.38	0.00	44.68	7810.1	31.79	35.67	37.93	4778.9	20.57	84.78	0.156700
2-12	42.000	0.3125	65	Slip	50.00	4,237	33.06	31.50	32.96	4514.2	26.21	26.48	26.34	2303.3	20.57	84.76	0.156700
3-12	40.000	0.2500	65	Slip	42.00	2,646	27.53	70.00	21.97	2087.4	27.37	110.14	16.92	954.0	20.65	85.07	0.156700
4-12	40.000	0.1875	65	Butt	0.00	1,475	21.26	110.00	12.73	721.9	15.00	150.00	8.94	250.5	19.29	80.00	0.156700
Shaft Weight						13,372											

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	ADC DD1900	6	12.10	1.270	0.33	62.43	1.716	0.33	0.000	2.000
150.00	Allgon 7770.00	6	35.00	5.880	0.64	229.00	6.946	0.64	0.000	2.000
150.00	Andrew SBNH-1D6565C	1	60.80	11.450	0.70	433.91	13.677	0.70	0.000	2.000
150.00	Decibel DB809KE-SY	1	26.00	3.400	1.00	253.36	7.871	1.00	0.000	12.000
150.00	Ericsson RRUS 11 (Band 12)	6	55.00	2.940	0.50	171.00	3.408	0.50	0.000	2.000
150.00	Flat Platform w/ Handrails	1	2000.00	42.400	0.90	3,898.78	70.420	0.90	0.000	0.000
150.00	Powerwave LGP13519	6	5.30	0.340	0.33	29.38	0.674	0.33	0.000	2.000
150.00	Powerwave P65-16-XLH-RR	2	53.00	8.400	0.75	325.76	9.900	0.75	0.000	2.000
150.00	Raycap DC6-48-60-18-8F	1	31.80	1.470	0.33	165.24	2.180	0.33	0.000	2.000
144.00	Diamond X50A	2	2.30	1.120	0.75	96.07	2.929	0.75	0.000	2.800
144.00	Flat Side Arm	2	150.00	6.300	0.80	247.33	9.570	0.80	0.000	0.000
140.00	Ericsson AIR 21, 1.3M, B2A	3	83.00	6.530	0.69	321.10	7.535	0.69	0.000	0.000
140.00	Ericsson AIR 21, 1.3M, B4A	3	81.50	6.580	0.69	319.54	7.580	0.69	0.000	0.000
140.00	Ericsson KRY 112 144/1	3	11.00	0.410	0.33	36.75	0.751	0.33	0.000	0.000
140.00	Flat Low Profile Platform	1	1500.00	26.100	1.00	2,359.68	51.433	1.00	0.000	0.000
126.00	Alcatel-Lucent RRH2x40-AWS	3	44.00	2.520	0.50	148.33	3.031	0.50	0.000	1.000
126.00	Antel BXA-171085-12CF-EDIN	3	15.00	4.730	0.72	187.24	6.438	0.72	0.000	1.000
126.00	Antel BXA-171085-8BF-EDIN-X	3	10.50	2.940	0.71	130.37	4.108	0.71	0.000	1.000
126.00	Antel BXA-70063-4CF-EDIN-10	3	9.90	5.160	0.64	179.16	5.994	0.64	0.000	1.000
126.00	Antel BXA-80080-6CF-EDIN-X	3	18.00	5.770	0.73	231.92	7.414	0.73	0.000	1.000
126.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	5.600	0.90	242.93	5.969	0.90	0.000	1.000
126.00	RFS FD9R6004/2C-3L	6	2.60	0.370	0.33	23.38	0.689	0.33	0.000	1.000
126.00	Round Low Profile Platform	1	1500.00	21.700	1.00	2,350.67	46.908	1.00	0.000	0.000
118.00	RFS APXV18-206517S-C	3	26.40	5.170	0.68	193.52	6.811	0.68	0.000	-3.000
103.00	24" x 24" Junction Box	1	20.00	5.600	0.75	198.82	5.944	0.75	0.000	3.000
103.00	Argus LLPX310R	3	28.60	4.830	0.62	176.63	5.469	0.62	0.000	4.000
103.00	DragonWave A-ANT-11G-2-C	2	27.00	4.690	0.90	152.40	6.330	0.90	0.000	6.000
103.00	DragonWave Horizon	2	10.60	0.430	0.33	53.95	0.767	0.33	0.000	6.000
103.00	NextNet BTS-2500	3	35.00	2.120	0.50	115.50	2.581	0.50	0.000	4.000
103.00	Side Arms	1	560.00	8.500	0.90	1,162.41	17.644	0.90	0.000	0.000
56.00	Channel Master Type 120	1	126.00	20.190	0.90	375.00	23.834	0.90	0.000	2.000
Totals		83	8103.10			22,403.07			Number of Loadings : 31	

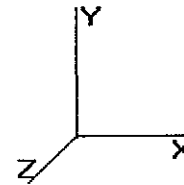
Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
10.00	150.00	(1) 0.39" Cable	0.00	Y
10.00	150.00	(2) 0.78" 8 AWG 6	0.00	Y
10.00	150.00	(1) 1 5/8" Coax	1.98	Y

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
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 Page: 2

10.00	150.00	(5) 1 5/8" Coax	0.00	N
10.00	150.00	(8) 1 5/8" Coax	3.96	Y
10.00	150.00	(1) 3" Conduit	0.00	N
10.00	144.00	(2) 1/2" Coax	0.63	Y
10.00	140.00	(1) 1 1/4" Hybriflex	0.00	Y
10.00	140.00	(6) 1 5/8" Coax	0.00	N
10.00	140.00	(6) 1 5/8" Coax	5.94	Y
10.00	126.00	(12) 1 5/8" Coax	1.98	Y
10.00	126.00	(1) 1 5/8" Hybriflex	0.00	Y
0.00	125.51	(4) #20 Dywidag bars	0.00	Y
10.00	118.00	(6) 1 5/8" Coax	0.00	Y
10.00	103.00	(4) 1/2" Coax	0.00	Y
10.00	103.00	(2) 2" Cond.	0.00	Y
10.00	103.00	(6) 5/16" Coax	0.00	Y
10.00	56.00	(1) 1/2" Coax	0.00	Y
10.00	31.70	(4) Dywidag	8.00	Y

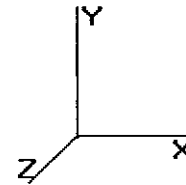
Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	— Intermediate Connections —			Connectors	Continuation?
						Description	Spacing (in)	Len (in)		
0.00	60.00	4	SOL #20 All Thread	80	8.28	6" T Bracket	30.0	3.31	5/8" A36 U-Bolt	Yes
0.00	121.0	4	SOL #20 All Thread	80	2.19	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	Yes

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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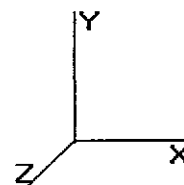
Segment Properties (Max Len : 5 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.3750	37.380	44.684	7,810.1	24.57	99.68	77.9	403.6	0.0	39.28	12.78	0.0
5.00		0.3750	36.597	43.737	7,324.4	24.01	97.59	78.5	386.6	752.2	39.28	12,39	668.0
10.00		0.3750	35.813	42.791	6,859.3	23.45	95.50	79.1	370.0	736.1	39.28	12,00	668.0
15.00		0.3750	35.029	41.845	6,414.3	22.89	93.41	79.8	353.7	720.0	39.28	11,62	668.0
20.00		0.3750	34.246	40.899	5,989.0	22.33	91.32	80.4	337.8	703.9	39.28	11,25	668.0
25.00		0.3750	33.462	39.953	5,583.0	21.77	89.23	81.0	322.3	687.8	39.28	10,88	668.0
30.00		0.3750	32.679	39.007	5,195.7	21.21	87.14	81.6	307.1	671.7	39.28	10,52	668.0
31.50	Bot - Section 2	0.3750	32.444	38.723	5,083.1	21.04	86.52	81.8	302.7	198.4	39.28	10,41	200.4
35.00		0.3750	31.895	38.061	4,826.7	20.65	85.05	81.9	292.3	846.4	39.28	10,45	467.6
35.67	Top - Section 1	0.3125	32.416	32.304	4,249.6	25.65	103.73	76.7	253.3	159.7	39.28	10,40	89.1
40.00		0.3125	31.737	31.621	3,985.6	25.07	101.56	77.4	242.6	471.3	39.28	10,09	578.9
45.00		0.3125	30.953	30.833	3,694.9	24.40	99.05	78.1	230.6	531.3	39.28	9,749	668.0
50.00		0.3125	30.170	30.044	3,418.6	23.73	96.54	78.8	218.9	517.9	39.28	9,407	668.0
55.00		0.3125	29.386	29.256	3,156.5	23.05	94.04	79.6	207.5	504.5	39.28	9,072	668.0
56.00		0.3125	29.230	29.098	3,105.7	22.92	93.54	79.7	205.3	99.3	39.28	9,005	133.6
60.00	Reinf. Top	0.3125	28.603	28.467	2,908.1	22.38	91.53	80.3	196.4	391.8	39.28	8,742	534.4
65.00		0.3125	27.819	27.679	2,673.1	21.71	89.02	81.0	185.6	477.6	19.64	3,016	334.0
70.00		0.3125	27.036	26.891	2,451.2	21.04	86.52	81.8	175.1	464.2	19.64	2,879	334.0
70.00	Bot - Section 3	0.3125	27.036	26.890	2,451.1	21.04	86.52	81.8	175.1	0.0	19.64	2,879	0.0
73.50	Top - Section 2	0.2500	26.987	21.524	1,964.0	26.78	107.95	75.5	140.6	575.9	19.64	2,870	233.8
75.00		0.2500	26.752	21.335	1,912.7	26.53	107.01	75.8	138.1	109.4	19.64	2,830	100.2
80.00		0.2500	25.969	20.704	1,748.0	25.69	103.88	76.7	130.0	357.6	19.64	2,696	334.0
85.00		0.2500	25.185	20.073	1,593.1	24.85	100.74	77.6	122.2	346.9	19.64	2,566	334.0
90.00		0.2500	24.402	19.442	1,447.6	24.01	97.61	78.5	114.6	336.2	19.64	2,439	334.0
95.00		0.2500	23.618	18.812	1,311.2	23.17	94.47	79.4	107.2	325.4	19.64	2,315	334.0
100.00		0.2500	22.835	18.181	1,183.7	22.33	91.34	80.4	100.1	314.7	19.64	2,195	334.0
103.00		0.2500	22.365	17.802	1,111.3	21.83	89.46	80.9	96.0	183.7	19.64	2,124	200.4
105.00		0.2500	22.051	17.550	1,064.7	21.49	88.21	81.3	93.3	120.3	19.64	2,078	133.6
110.00		0.2500	21.268	16.919	954.0	20.65	85.07	81.9	86.7	293.2	19.64	1,963	334.0
110.00	Top - Section 3	0.2500	21.268	16.919	954.0	20.65	85.07	81.9	86.7	0.0	19.64	1,963	0.0
110.00	Bot - Section 4	0.1875	21.268	12.727	721.9	28.25	113.43	73.9	65.6		19.64	1,963	
115.00		0.1875	20.484	12.254	644.4	27.13	109.25	75.1	60.8	212.5	19.64	1,853	334.0
118.00		0.1875	20.014	11.970	600.6	26.46	106.74	75.9	58.0	123.6	19.64	1,788	200.4
120.00		0.1875	19.701	11.781	572.6	26.01	105.07	76.3	56.1	80.8	19.64	1,745	133.6
121.00	Reinf. Top	0.1875	19.544	11.687	558.9	25.79	104.24	76.6	55.2	39.9	19.64	1,724	66.8
125.00		0.1875	18.917	11.308	506.4	24.89	100.89	77.6	51.7	156.5			
126.00		0.1875	18.761	11.214	493.8	24.67	100.06	77.8	50.8	38.3			
130.00		0.1875	18.134	10.835	445.4	23.77	96.71	78.8	47.5	150.1			
135.00		0.1875	17.350	10.362	389.6	22.65	92.54	80.0	43.4	180.3			
140.00		0.1875	16.567	9.889	338.6	21.53	88.36	81.2	39.5	172.3			
144.00		0.1875	15.940	9.511	301.2	20.64	85.01	81.9	36.5	132.0			
145.00		0.1875	15.783	9.416	292.3	20.41	84.18	81.9	35.8	32.2			
150.00		0.1875	15.000	8.943	250.5	19.29	80.00	81.9	32.3	156.2			
										13,372.1	12,090.		

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

Gust Response Factor : 1.10

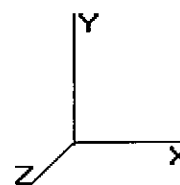
Wind Importance Factor : 1.00

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	0.85	18.656	20.52	282.45	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	18.656	20.52	276.53	1.000	0.000	5.00	15.955	15.96	523.9	0.0	1,570.6
10.00		1.00	0.85	18.656	20.52	270.61	1.000	0.000	5.00	15.617	15.62	512.8	0.0	1,551.3
15.00		1.00	0.85	18.656	20.52	264.69	1.200	* 0.000	5.00	15.279	18.34	602.0	0.0	1,532.0
20.00		1.00	0.90	19.795	21.77	266.55	1.200	* 0.000	5.00	14.942	17.93	624.7	0.0	1,512.7
25.00		1.00	0.94	20.747	22.82	266.64	1.200	* 0.000	5.00	14.604	17.52	639.9	0.0	1,493.4
30.00		1.00	0.98	21.559	23.71	265.44	1.200	* 0.000	5.00	14.266	17.12	649.6	0.0	1,474.0
31.50	Bot - Section 2	1.00	0.99	21.782	23.96	264.89	1.200	* 0.000	1.50	4.215	5.06	193.9	0.0	438.5
35.00		1.00	1.01	22.270	24.49	263.32	1.200	* 0.000	3.50	9.902	11.88	465.7	0.0	1,483.3
35.67	Top - Section 1	1.00	1.01	22.359	24.59	262.98	1.200	* 0.000	0.67	1.868	2.24	88.2	0.0	280.7
40.00		1.00	1.04	22.905	25.19	265.72	1.200	* 0.000	4.33	11.991	14.39	580.1	0.0	1,444.4
45.00		1.00	1.07	23.480	25.82	262.39	1.200	* 0.000	5.00	13.521	16.23	670.5	0.0	1,305.5
50.00		1.00	1.09	24.007	26.40	258.60	1.200	* 0.000	5.00	13.183	15.82	668.4	0.0	1,289.4
55.00		1.00	1.11	24.494	26.94	254.43	1.200	* 0.000	5.00	12.845	15.41	664.5	0.0	1,273.3
56.00	Appertunance(s)	1.00	1.12	24.587	27.04	253.55	1.200	* 0.000	1.00	2.529	3.03	131.3	0.0	252.7
60.00	Reinf. Top	1.00	1.13	24.946	27.44	249.92	1.200	* 0.000	4.00	9.979	11.97	525.8	0.0	1,004.5
65.00		1.00	1.15	25.370	27.90	245.13	1.200	* 0.000	5.00	12.169	14.60	652.1	0.0	907.2
70.00		1.00	1.17	25.769	28.34	240.09	1.200	* 0.000	5.00	11.831	14.20	643.9	0.0	891.1
70.00	Bot - Section 3	1.00	1.17	25.769	28.34	240.09	1.200	* 0.000	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	1.18	26.035	28.63	236.43	1.200	* 0.000	3.50	8.232	9.88	452.6	0.0	924.9
75.00		1.00	1.19	26.146	28.76	239.31	1.200	* 0.000	1.50	3.476	4.17	192.0	0.0	231.4
80.00		1.00	1.20	26.504	29.15	233.88	1.200	* 0.000	5.00	11.371	13.65	636.5	0.0	763.1
85.00		1.00	1.22	26.844	29.52	228.28	1.200	* 0.000	5.00	11.033	13.24	625.5	0.0	750.3
90.00		1.00	1.23	27.169	29.88	222.51	1.200	* 0.000	5.00	10.695	12.83	613.7	0.0	737.4
95.00		1.00	1.25	27.480	30.22	216.59	1.200	* 0.000	5.00	10.357	12.43	601.1	0.0	724.5
100.0		1.00	1.26	27.779	30.55	210.54	1.200	* 0.000	5.00	10.019	12.02	587.8	0.0	711.6
103.0	Appertunance(s)	1.00	1.27	27.952	30.74	206.85	1.200	* 0.000	3.00	5.849	7.02	345.3	0.0	420.8
105.0		1.00	1.27	28.066	30.87	204.37	1.200	* 0.000	2.00	3.832	4.60	227.1	0.0	278.0
110.0		1.00	1.29	28.342	31.17	198.07	1.200	* 0.000	5.00	9.343	11.21	559.3	0.0	685.9
110.0	Top - Section 3	1.00	1.29	28.342	31.17	198.07	1.200	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
115.0		1.00	1.30	28.608	31.46	191.67	1.200	* 0.000	5.00	9.005	10.81	544.1	0.0	589.0
118.0	Appertunance(s)	1.00	1.31	28.764	31.64	187.78	1.200	* 0.000	3.00	5.241	6.29	318.4	0.0	348.8
120.0		1.00	1.31	28.866	31.75	185.17	1.200	* 0.000	2.00	3.426	4.11	208.9	0.0	230.6
121.0	Reinf. Top	1.00	1.31	28.916	31.80	183.85	1.200	* 0.000	1.00	1.693	2.03	103.4	0.0	114.7
125.0		1.00	1.32	29.115	32.02	178.57	1.200	* 0.000	4.00	6.636	7.96	408.1	0.0	187.8
126.0	Appertunance(s)	1.00	1.32	29.164	32.08	177.24	1.200	* 0.000	1.00	1.625	1.95	100.1	0.0	46.0
130.0		1.00	1.33	29.356	32.29	171.88	1.200	* 0.000	4.00	6.366	7.64	394.7	0.0	180.1
135.0		1.00	1.34	29.591	32.55	165.11	1.200	* 0.000	5.00	7.653	9.18	478.3	0.0	216.4
140.0	Appertunance(s)	1.00	1.35	29.818	32.80	158.26	1.200	* 0.000	5.00	7.315	8.78	460.7	0.0	206.7
144.0	Appertunance(s)	1.00	1.36	29.995	32.99	152.72	1.200	* 0.000	4.00	5.609	6.73	355.3	0.0	158.4
145.0		1.00	1.36	30.039	33.04	151.33	1.200	* 0.000	1.00	1.368	1.64	86.8	0.0	38.6
150.0	Appertunance(s)	1.00	1.37	30.254	33.28	144.33	1.200	* 0.000	5.00	6.639	7.97	424.2	0.0	187.4
* = Cf Adjusted By Linear Load Ra Effect								Totals:	150.00			17,561.4	0.0	28,137.3

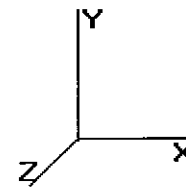


Elv (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
56.00	Channel Master Type	1	24.769	27.246	0.90	1.00	18.17	0.000	2.000	792.14	0.00	1,584.27	151.20
103.0	24" x 24" Junction	1	28.122	30.934	0.60	0.80	3.36	0.000	3.000	166.30	0.00	498.90	24.00
103.0	Argus LLPX310R	3	28.177	30.995	0.50	0.80	7.19	0.000	4.000	356.42	0.00	1,425.68	102.96
103.0	DragonWave A-ANT-	2	28.287	31.116	0.72	0.80	6.75	0.000	6.000	336.23	0.00	2,017.40	64.80
103.0	DragonWave Horizon	2	28.287	31.116	0.26	0.80	0.23	0.000	6.000	11.30	0.00	67.82	25.44
103.0	NextNet BTS-2500	3	28.177	30.995	0.40	0.80	2.54	0.000	4.000	126.16	0.00	504.65	126.00
103.0	Side Arms	1	27.952	30.747	0.90	1.00	7.65	0.000	0.000	376.35	0.00	0.00	672.00
118.0	RFS APXV18-206517S-	3	28.608	31.469	0.54	0.80	8.44	0.000	-3.000	424.83	0.00	-1,274.49	95.04
126.0	Alcatel-Lucent RRH2x	3	29.212	32.134	0.40	0.80	3.02	0.000	1.000	155.48	0.00	155.48	158.40
126.0	Antel BXA-171085-12C	3	29.212	32.134	0.58	0.80	8.17	0.000	1.000	420.23	0.00	420.23	54.00
126.0	Antel BXA-171085-8BF	3	29.212	32.134	0.57	0.80	5.01	0.000	1.000	257.57	0.00	257.57	37.80
126.0	Antel BXA-70063-4CF-	3	29.212	32.134	0.51	0.80	7.93	0.000	1.000	407.49	0.00	407.49	35.64
126.0	Antel BXA-80080-6CF-	3	29.212	32.134	0.58	0.80	10.11	0.000	1.000	519.74	0.00	519.74	64.80
126.0	RFS DB-T1-6Z-8AB-0Z	1	29.212	32.134	0.72	0.80	4.03	0.000	1.000	207.30	0.00	207.30	52.80
126.0	RFS FD9R6004/2C-3L	6	29.212	32.134	0.26	0.80	0.59	0.000	1.000	30.13	0.00	30.13	18.72
126.0	Round Low Profile PI	1	29.164	32.080	1.00	1.00	21.70	0.000	0.000	1,113.82	0.00	0.00	1,800.00
140.0	Ericsson AIR 21, 1,3	3	29.818	32.800	0.69	1.00	13.52	0.000	0.000	709.37	0.00	0.00	298.80
140.0	Ericsson AIR 21, 1,3	3	29.818	32.800	0.69	1.00	13.62	0.000	0.000	714.80	0.00	0.00	293.40
140.0	Ericsson KRY 112 144	3	29.818	32.800	0.33	1.00	0.41	0.000	0.000	21.30	0.00	0.00	39.60
140.0	Flat Low Profile Pla	1	29.818	32.800	1.00	1.00	26.10	0.000	0.000	1,369.72	0.00	0.00	1,800.00
144.0	Diamond X50A	2	30.117	33.129	0.75	1.00	1.68	0.000	2.800	89.05	0.00	249.34	5.52
144.0	Flat Side Arm	2	29.995	32.995	0.80	1.00	10.08	0.000	0.000	532.14	0.00	0.00	360.00
150.0	ADC DD1900	6	30.339	33.373	0.25	0.75	1.89	0.000	2.000	100.70	0.00	201.40	87.12
150.0	Allgon 7770.00	6	30.339	33.373	0.48	0.75	16.93	0.000	2.000	904.23	0.00	1,808.46	252.00
150.0	Andrew SBNH-	1	30.339	33.373	0.52	0.75	6.01	0.000	2.000	320.98	0.00	641.95	72.96
150.0	Decibel DB809KE-SY	1	30.748	33.823	1.00	1.00	3.40	0.000	12.000	184.00	0.00	2,207.98	31.20
150.0	Ericsson RRUS 11 (Ba	6	30.339	33.373	0.50	1.00	8.82	0.000	2.000	470.95	0.00	941.91	3

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	25 Iterations
Gust Response Factor : 1.10	Wind Importance Factor : 1.00	
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

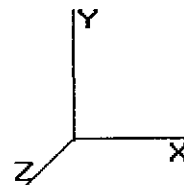
Linear Appurtenance Segment Forces (Factored)

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)
5.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.000	0.000	0.00	400.80
10.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.000	0.000	0.00	400.80
15.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	0.42
15.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	7.08
15.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.656	0.613	0.000	32.51	4.92
15.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	18.656	0.613	0.000	65.01	39.36
15.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	18.656	0.613	0.000	10.34	1.80
15.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	6.00
15.00	(6) 1 5/8" Coax	Yes	5.00	0.886	5.94	2.47	2.19	18.656	0.613	0.000	71.98	29.52
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.656	0.613	0.000	32.51	59.03
15.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	9.66
15.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	400.80
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	29.52
15.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	3.60
15.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	43.80
15.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	1.62
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	0.90
15.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	18.656	0.613	0.000	218.90	0.00
20.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	0.42
20.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	7.08
20.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.795	0.627	0.000	34.49	4.92
20.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	19.795	0.627	0.000	68.98	39.36
20.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	19.795	0.627	0.000	10.97	1.80
20.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	6.00
20.00	(6) 1 5/8" Coax	Yes	5.00	0.860	5.94	2.47	2.13	19.795	0.627	0.000	74.14	29.52
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.795	0.627	0.000	34.49	59.03
20.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	9.66
20.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	400.80
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	29.52
20.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	3.60
20.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	43.80
20.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	1.62
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	0.90
20.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	19.795	0.627	0.000	232.26	0.00
25.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	0.42
25.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	7.08
25.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.747	0.642	0.000	36.15	4.92
25.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	20.747	0.642	0.000	72.30	39.36
25.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	20.747	0.642	0.000	11.50	1.80
25.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	6.00
25.00	(6) 1 5/8" Coax	Yes	5.00	0.840	5.94	2.47	2.08	20.747	0.642	0.000	75.91	29.52
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.747	0.642	0.000	36.15	59.03
25.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	9.66
25.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	400.80
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	29.52
25.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	3.60
25.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	43.80
25.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	1.62
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	0.90
25.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	20.747	0.642	0.000	243.44	0.00
30.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	0.42

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

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

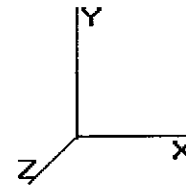
Wind Importance Factor : 1.00

30.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	7.08
30.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.559	0.657	0.000	37.56	4.92
30.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	21.559	0.657	0.000	75.13	39.36
30.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	21.559	0.657	0.000	11.95	1.80
30.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	6.00
30.00	(6) 1 5/8" Coax	Yes	5.00	0.824	5.94	2.47	2.04	21.559	0.657	0.000	77.38	29.52
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.559	0.657	0.000	37.56	59.03
30.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	9.66
30.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	400.80
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	29.52
30.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	3.60
30.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	43.80
30.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	1.62
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	0.90
30.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	21.559	0.657	0.000	252.96	0.00
31.50	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.13
31.50	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	2.12
31.50	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	21.782	0.667	0.000	11.39	1.48
31.50	(8) 1 5/8" Coax	Yes	1.50	1.200	3.96	0.50	0.59	21.782	0.667	0.000	22.78	11.81
31.50	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.08	0.09	21.782	0.667	0.000	3.62	0.54
31.50	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	1.80
31.50	(6) 1 5/8" Coax	Yes	1.50	0.820	5.94	0.74	0.61	21.782	0.667	0.000	23.34	8.86
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	21.782	0.667	0.000	11.39	17.71
31.50	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	2.90
31.50	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	120.27
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	8.86
31.50	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	1.08
31.50	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	13.14
31.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.49
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.27
31.50	(4) Dywidag	Yes	1.50	2.000	8.00	1.00	2.00	21.782	0.667	0.000	76.69	0.00
35.00	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	0.29
35.00	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	4.96
35.00	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	22.270	0.449	0.000	27.16	3.44
35.00	(8) 1 5/8" Coax	Yes	3.50	1.200	3.96	1.15	1.39	22.270	0.449	0.000	54.32	27.55
35.00	(2) 1/2" Coax	Yes	3.50	1.200	0.63	0.18	0.22	22.270	0.449	0.000	8.64	1.26
35.00	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	4.20
35.00	(6) 1 5/8" Coax	Yes	3.50	0.811	5.94	1.73	1.40	22.270	0.449	0.000	55.04	20.66
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	22.270	0.449	0.000	27.16	41.32
35.00	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	6.76
35.00	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	280.53
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	20.66
35.00	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	2.52
35.00	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	30.66
35.00	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	1.13
35.00	(1) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	0.63
35.00	(4) Dywidag	Yes	0.20	2.000	8.00	0.13	0.27	22.270	0.449	0.000	10.43	0.00
35.67	(1) 0.39" Cable	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.06
35.67	(2) 0.78" 8 AWG 6	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.94
35.67	(1) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	22.359	0.440	0.000	5.20	0.66
35.67	(8) 1 5/8" Coax	Yes	0.67	1.200	3.96	0.22	0.26	22.359	0.440	0.000	10.39	5.25
35.67	(2) 1/2" Coax	Yes	0.67	1.200	0.63	0.04	0.04	22.359	0.440	0.000	1.65	0.24
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.80
35.67	(6) 1 5/8" Coax	Yes	0.67	0.809	5.94	0.33	0.27	22.359	0.440	0.000	10.51	3.94
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	22.359	0.440	0.000	5.20	7.87
35.67	(1) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	1.29
35.67	(4) #20 Dywidag bars	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	53.47

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

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

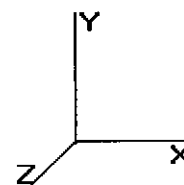
Wind Importance Factor : 1.00

35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	0.00	22.359	0.440	0.000	0.00	3.94
35.67	(4) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.48
35.67	(2) 2" Cond.	Yes	0.67	0.000	0.00	0.00	0.00	0.00	22.359	0.440	0.000	0.00	5.84
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.22
35.67	(1) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.12
40.00	(1) 0.39" Cable	Yes	4.33	0.000	0.00	0.00	0.00	0.00	22.905	0.436	0.000	0.00	0.36
40.00	(2) 0.78" 8 AWG 6	Yes	4.33	0.000	0.00	0.00	0.00	0.00	22.905	0.436	0.000	0.00	6.14
40.00	(1) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	22.905	0.436	0.000	34.59	4.26	
40.00	(8) 1 5/8" Coax	Yes	4.33	1.199	3.96	1.43	1.71	22.905	0.436	0.000	69.12	34.11	
40.00	(2) 1/2" Coax	Yes	4.33	1.200	0.63	0.23	0.27	22.905	0.436	0.000	11.00	1.56	
40.00	(1) 1 1/4" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	5.20	
40.00	(6) 1 5/8" Coax	Yes	4.33	0.799	5.94	2.14	1.71	22.905	0.436	0.000	69.12	25.58	
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	22.905	0.436	0.000	34.59	51.16	
40.00	(1) 1 5/8" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	8.37	
40.00	(4) #20 Dywidag bars	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	347.33	
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	25.58	
40.00	(4) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	3.12	
40.00	(2) 2" Cond.	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	37.96	
40.00	(6) 5/16" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	1.40	
40.00	(1) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	0.78	
45.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	0.42	
45.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	7.08	
45.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.480	0.447	0.000	40.91	4.92	
45.00	(8) 1 5/8" Coax	Yes	5.00	1.184	3.96	1.65	1.95	23.480	0.447	0.000	80.75	39.36	
45.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	23.480	0.447	0.000	13.02	1.80	
45.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	6.00	
45.00	(6) 1 5/8" Coax	Yes	5.00	0.790	5.94	2.47	1.95	23.480	0.447	0.000	80.75	29.52	
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.480	0.447	0.000	40.91	59.03	
45.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	9.66	
45.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	400.80	
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	29.52	
45.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	3.60	
45.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	43.80	
45.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	1.62	
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	0.90	
50.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	0.42	
50.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	7.08	
50.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.007	0.458	0.000	41.83	4.92	
50.00	(8) 1 5/8" Coax	Yes	5.00	1.171	3.96	1.65	1.93	24.007	0.458	0.000	81.65	39.36	
50.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	24.007	0.458	0.000	13.31	1.80	
50.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	6.00	
50.00	(6) 1 5/8" Coax	Yes	5.00	0.781	5.94	2.47	1.93	24.007	0.458	0.000	81.65	29.52	
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.007	0.458	0.000	41.83	59.03	
50.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	9.66	
50.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	400.80	
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	29.52	
50.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	3.60	
50.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	43.80	
50.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	1.62	
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	0.90	
55.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	0.42	
55.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	7.08	
55.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.494	0.470	0.000	42.68	4.92	
55.00	(8) 1 5/8" Coax	Yes	5.00	1.160	3.96	1.65	1.91	24.494	0.470	0.000	82.47	39.36	
55.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	24.494	0.470	0.000	13.58	1.80	
55.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	6.00	
55.00	(6) 1 5/8" Coax	Yes	5.00	0.773	5.94	2.47	1.91	24.494	0.470	0.000	82.47	29.52	

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

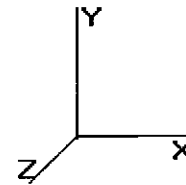
Wind Load Factor : 1.60

55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.494	0.470	0.000	42.68	59.03
55.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	9.66
55.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	400.80
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	29.52
55.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	3.60
55.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	43.80
55.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	1.62
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	0.90
56.00	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.08
56.00	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	1.42
56.00	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	24.587	0.478	0.000	8.57	0.98
56.00	(8) 1 5/8" Coax	Yes	1.00	1.157	3.96	0.33	0.38	24.587	0.478	0.000	16.53	7.87
56.00	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	24.587	0.478	0.000	2.73	0.36
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	1.20
56.00	(6) 1 5/8" Coax	Yes	1.00	0.772	5.94	0.50	0.38	24.587	0.478	0.000	16.53	5.90
56.00	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	24.587	0.478	0.000	8.57	11.81
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	1.93
56.00	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	80.16
56.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	5.90
56.00	(4) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.72
56.00	(2) 2" Cond.	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	8.76
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.32
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.18
60.00	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	0.34
60.00	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	5.66
60.00	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	24.946	0.484	0.000	34.77	3.94
60.00	(8) 1 5/8" Coax	Yes	4.00	1.149	3.96	1.32	1.52	24.946	0.484	0.000	66.59	31.48
60.00	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	24.946	0.484	0.000	11.06	1.44
60.00	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	4.80
60.00	(6) 1 5/8" Coax	Yes	4.00	0.766	5.94	1.98	1.52	24.946	0.484	0.000	66.59	23.61
60.00	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	24.946	0.484	0.000	34.77	47.23
60.00	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	7.73
60.00	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	320.64
60.00	(6) 1 5/8" Coax	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	23.61
60.00	(4) 1/2" Coax	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	2.88
60.00	(2) 2" Cond.	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	35.04
60.00	(6) 5/16" Coax	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	1.30
65.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	0.42
65.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	7.08
65.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.370	0.496	0.000	44.21	4.92
65.00	(8) 1 5/8" Coax	Yes	5.00	1.139	3.96	1.65	1.88	25.370	0.496	0.000	83.94	39.36
65.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	25.370	0.496	0.000	14.07	1.80
65.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	6.00
65.00	(6) 1 5/8" Coax	Yes	5.00	0.760	5.94	2.47	1.88	25.370	0.496	0.000	83.94	29.52
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.370	0.496	0.000	44.21	59.03
65.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	9.66
65.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	400.80
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	29.52
65.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	3.60
65.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	43.80
65.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	1.62
70.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	0.42
70.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	7.08
70.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.769	0.510	0.000	44.90	4.92
70.00	(8) 1 5/8" Coax	Yes	5.00	1.130	3.96	1.65	1.87	25.769	0.510	0.000	84.60	39.36
70.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	25.769	0.510	0.000	14.29	1.80
70.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	6.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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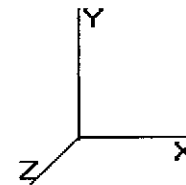
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	25 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

70.00	(6) 1 5/8" Coax	Yes	5.00	0.754	5.94	2.47	1.87	25.769	0.510	0.000	84.60	29.52
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.769	0.510	0.000	44.90	59.03
70.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	9.66
70.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	400.80
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	29.52
70.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	3.60
70.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	43.80
70.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	1.62
70.00	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(8) 1 5/8" Coax	Yes	0.00	1.130	3.96	0.00	0.00	25.769	0.518	0.000	0.01	0.00
70.00	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	0.754	5.94	0.00	0.00	25.769	0.518	0.000	0.01	0.00
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.03
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(4) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(2) 2" Cond.	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
73.50	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	0.29
73.50	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	4.96
73.50	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	26.035	0.523	0.000	31.75	3.44
73.50	(8) 1 5/8" Coax	Yes	3.50	1.125	3.96	1.15	1.30	26.035	0.523	0.000	59.52	27.55
73.50	(2) 1/2" Coax	Yes	3.50	1.200	0.63	0.18	0.22	26.035	0.523	0.000	10.10	1.26
73.50	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	4.20
73.50	(6) 1 5/8" Coax	Yes	3.50	0.750	5.94	1.73	1.30	26.035	0.523	0.000	59.52	20.66
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	26.035	0.523	0.000	31.75	41.32
73.50	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	6.76
73.50	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	280.56
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	20.66
73.50	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	2.52
73.50	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	30.66
73.50	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	1.13
75.00	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	0.13
75.00	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	2.12
75.00	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	26.146	0.521	0.000	13.66	1.48
75.00	(8) 1 5/8" Coax	Yes	1.50	1.122	3.96	0.49	0.56	26.146	0.521	0.000	25.56	11.80
75.00	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.08	0.09	26.146	0.521	0.000	4.35	0.54
75.00	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	1.80
75.00	(6) 1 5/8" Coax	Yes	1.50	0.748	5.94	0.74	0.56	26.146	0.521	0.000	25.56	8.85
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	26.146	0.521	0.000	13.66	17.71
75.00	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	2.90
75.00	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	120.21
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	8.85
75.00	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	1.08
75.00	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	13.14
75.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	0.49
80.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	0.42
80.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	7.08
80.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.504	0.531	0.000	46.18	4.92
80.00	(8) 1 5/8" Coax	Yes	5.00	1.115	3.96	1.65	1.84	26.504	0.531	0.000	85.79	39.36
80.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	26.504	0.531	0.000	14.69	1.80
80.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	6.00
80.00	(6) 1 5/8" Coax	Yes	5.00	0.743	5.94	2.47	1.84	26.504	0.531	0.000	85.79	29.52

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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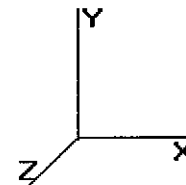
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	25 Iterations
Gust Response Factor : 1.10	Wind Importance Factor : 1.00	
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.504	0.531	0.000	46.18	59.03
80.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	9.66
80.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	400.80
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	29.52
80.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	3.60
80.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	43.80
80.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	1.62
85.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	0.42
85.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	7.08
85.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.844	0.547	0.000	46.77	4.92
85.00	(8) 1 5/8" Coax	Yes	5.00	1.108	3.96	1.65	1.83	26.844	0.547	0.000	86.34	39.36
85.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	26.844	0.547	0.000	14.88	1.80
85.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	6.00
85.00	(6) 1 5/8" Coax	Yes	5.00	0.738	5.94	2.47	1.83	26.844	0.547	0.000	86.34	29.52
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.844	0.547	0.000	46.77	59.03
85.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	9.66
85.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	400.80
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	29.52
85.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	3.60
85.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	43.80
85.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	1.62
90.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	0.42
90.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	7.08
90.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.169	0.565	0.000	47.34	4.92
90.00	(8) 1 5/8" Coax	Yes	5.00	1.101	3.96	1.65	1.82	27.169	0.565	0.000	86.86	39.36
90.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	27.169	0.565	0.000	15.06	1.80
90.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	6.00
90.00	(6) 1 5/8" Coax	Yes	5.00	0.734	5.94	2.47	1.82	27.169	0.565	0.000	86.86	29.52
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.169	0.565	0.000	47.34	59.03
90.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	9.66
90.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	400.80
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	29.52
90.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	3.60
90.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	43.80
90.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	1.62
95.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	0.42
95.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	7.08
95.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.480	0.583	0.000	47.88	4.92
95.00	(8) 1 5/8" Coax	Yes	5.00	1.095	3.96	1.65	1.81	27.480	0.583	0.000	87.36	39.36
95.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	27.480	0.583	0.000	15.24	1.80
95.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	6.00
95.00	(6) 1 5/8" Coax	Yes	5.00	0.730	5.94	2.47	1.81	27.480	0.583	0.000	87.36	29.52
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.480	0.583	0.000	47.88	59.03
95.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	9.66
95.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	400.80
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	29.52
95.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	3.60
95.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	43.80
95.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	1.62
100.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	0.42
100.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	7.08
100.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.779	0.603	0.000	48.40	4.92
100.0	(8) 1 5/8" Coax	Yes	5.00	1.089	3.96	1.65	1.80	27.779	0.603	0.000	87.83	39.36
100.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	27.779	0.603	0.000	15.40	1.80
100.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	6.00
100.0	(6) 1 5/8" Coax	Yes	5.00	0.726	5.94	2.47	1.80	27.779	0.603	0.000	87.83	29.52
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.779	0.603	0.000	48.40	59.03

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

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

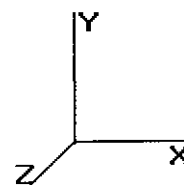
Wind Importance Factor : 1.00

100.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	9.66
100.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	400.80
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	29.52
100.0	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	3.60
100.0	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	43.80
100.0	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	1.62
103.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	0.25
103.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	4.25
103.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	27.952	0.619	0.000	29.22	2.95
103.0	(8) 1 5/8" Coax	Yes	3.00	1.085	3.96	0.99	1.07	27.952	0.619	0.000	52.86	23.61
103.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	0.16	0.19	27.952	0.619	0.000	9.30	1.08
103.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	3.60
103.0	(6) 1 5/8" Coax	Yes	3.00	0.724	5.94	1.49	1.07	27.952	0.619	0.000	52.86	17.71
103.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	27.952	0.619	0.000	29.22	35.42
103.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	5.80
103.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	240.48
103.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	17.71
103.0	(4) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	2.16
103.0	(2) 2" Cond.	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	26.28
103.0	(6) 5/16" Coax	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	0.97
105.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	0.17
105.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	2.83
105.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.066	0.630	0.000	19.56	1.97
105.0	(8) 1 5/8" Coax	Yes	2.00	1.083	3.96	0.66	0.71	28.066	0.630	0.000	35.31	15.74
105.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.10	0.13	28.066	0.630	0.000	6.22	0.72
105.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	2.40
105.0	(6) 1 5/8" Coax	Yes	2.00	0.722	5.94	0.99	0.71	28.066	0.630	0.000	35.31	11.81
105.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.066	0.630	0.000	19.56	23.61
105.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	3.86
105.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	160.32
105.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	11.81
110.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	0.42
110.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	7.08
110.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.342	0.646	0.000	49.38	4.92
110.0	(8) 1 5/8" Coax	Yes	5.00	1.078	3.96	1.65	1.78	28.342	0.646	0.000	88.72	39.36
110.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	28.342	0.646	0.000	15.71	1.80
110.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	6.00
110.0	(6) 1 5/8" Coax	Yes	5.00	0.719	5.94	2.47	1.78	28.342	0.646	0.000	88.72	29.52
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.342	0.646	0.000	49.38	59.03
110.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	9.66
110.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	400.80
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	29.52
110.0	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(8) 1 5/8" Coax	Yes	0.00	1.078	3.96	0.00	0.00	28.342	0.658	0.000	0.01	0.00
110.0	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	0.719	5.94	0.00	0.00	28.342	0.658	0.000	0.01	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.03
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
115.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	0.42
115.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	7.08
115.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.608	0.670	0.000	49.84	4.92
115.0	(8) 1 5/8" Coax	Yes	5.00	1.073	3.96	1.65	1.77	28.608	0.670	0.000	89.13	39.35

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

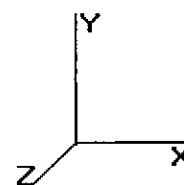
Wind Load Factor : 1.60

115.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	28.608	0.670	0.000	15.86	1.80
115.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	6.00
115.0	(6) 1 5/8" Coax	Yes	5.00	0.715	5.94	2.47	1.77	28.608	0.670	0.000	89.13	29.51
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.608	0.670	0.000	49.84	59.03
115.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	9.66
115.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	400.77
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	29.51
118.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	0.25
118.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	4.25
118.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	28.764	0.691	0.000	30.07	2.95
118.0	(8) 1 5/8" Coax	Yes	3.00	1.070	3.96	0.99	1.06	28.764	0.691	0.000	53.63	23.61
118.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	0.16	0.19	28.764	0.691	0.000	9.57	1.08
118.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	3.60
118.0	(6) 1 5/8" Coax	Yes	3.00	0.713	5.94	1.49	1.06	28.764	0.691	0.000	53.63	17.71
118.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	28.764	0.691	0.000	30.07	35.42
118.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	5.80
118.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	240.48
118.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	17.71
120.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	0.17
120.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	2.83
120.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.866	0.705	0.000	20.12	1.97
120.0	(8) 1 5/8" Coax	Yes	2.00	1.068	3.96	0.66	0.70	28.866	0.705	0.000	35.81	15.74
120.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.10	0.13	28.866	0.705	0.000	6.40	0.72
120.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	2.40
120.0	(6) 1 5/8" Coax	Yes	2.00	0.712	5.94	0.99	0.70	28.866	0.705	0.000	35.81	11.81
120.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.866	0.705	0.000	20.12	23.61
120.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	3.86
120.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	160.32
121.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	0.08
121.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	1.42
121.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	28.916	0.713	0.000	10.08	0.98
121.0	(8) 1 5/8" Coax	Yes	1.00	1.067	3.96	0.33	0.35	28.916	0.713	0.000	17.92	7.87
121.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	28.916	0.713	0.000	3.21	0.36
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	1.20
121.0	(6) 1 5/8" Coax	Yes	1.00	0.711	5.94	0.50	0.35	28.916	0.713	0.000	17.92	5.90
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	28.916	0.713	0.000	10.08	11.81
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	1.93
121.0	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	80.16
125.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	0.34
125.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	5.66
125.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.115	0.728	0.000	40.58	3.94
125.0	(8) 1 5/8" Coax	Yes	4.00	1.064	3.96	1.32	1.40	29.115	0.728	0.000	71.94	31.48
125.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	29.115	0.728	0.000	12.91	1.44
125.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	4.80
125.0	(6) 1 5/8" Coax	Yes	4.00	0.709	5.94	1.98	1.40	29.115	0.728	0.000	71.94	23.61
125.0	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.115	0.728	0.000	40.58	47.23
125.0	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	7.73
125.0	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	320.64
126.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	0.08
126.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	1.42
126.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	29.164	0.743	0.000	10.16	0.98
126.0	(8) 1 5/8" Coax	Yes	1.00	1.063	3.96	0.33	0.35	29.164	0.743	0.000	18.00	7.87
126.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	29.164	0.743	0.000	3.23	0.36
126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	1.20
126.0	(6) 1 5/8" Coax	Yes	1.00	0.708	5.94	0.50	0.35	29.164	0.743	0.000	18.00	5.90
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	29.164	0.743	0.000	10.16	11.81
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	1.93

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

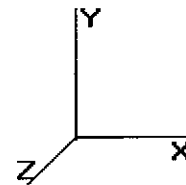
126.0	(4) #20 Dywidag bars	Yes	0.51	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	40.88
130.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	29.356	0.655	0.000	0.00	0.34
130.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	29.356	0.655	0.000	0.00	5.66
130.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.356	0.655	0.000	40.92	3.94
130.0	(8) 1 5/8" Coax	Yes	4.00	1.059	3.96	1.32	1.40	29.356	0.655	0.000	72.23	31.48
130.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	29.356	0.655	0.000	13.02	1.44
130.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	29.356	0.655	0.000	0.00	4.80
130.0	(6) 1 5/8" Coax	Yes	4.00	0.706	5.94	1.98	1.40	29.356	0.655	0.000	72.23	23.61
135.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	29.591	0.681	0.000	0.00	0.42
135.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	29.591	0.681	0.000	0.00	7.08
135.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	29.591	0.681	0.000	51.56	4.92
135.0	(8) 1 5/8" Coax	Yes	5.00	1.055	3.96	1.65	1.74	29.591	0.681	0.000	90.65	39.36
135.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	29.591	0.681	0.000	16.40	1.80
135.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	29.591	0.681	0.000	0.00	6.00
135.0	(6) 1 5/8" Coax	Yes	5.00	0.703	5.94	2.47	1.74	29.591	0.681	0.000	90.65	29.52
140.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	29.818	0.713	0.000	0.00	0.42
140.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	29.818	0.713	0.000	0.00	7.08
140.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	29.818	0.713	0.000	51.95	4.92
140.0	(8) 1 5/8" Coax	Yes	5.00	1.051	3.96	1.65	1.73	29.818	0.713	0.000	91.00	39.36
140.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	29.818	0.713	0.000	16.53	1.80
140.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	29.818	0.713	0.000	0.00	6.00
140.0	(6) 1 5/8" Coax	Yes	5.00	0.701	5.94	2.47	1.73	29.818	0.713	0.000	91.00	29.52
144.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	29.995	0.390	0.000	0.00	0.34
144.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	29.995	0.390	0.000	0.00	5.66
144.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.995	0.390	0.000	41.81	3.94
144.0	(8) 1 5/8" Coax	Yes	4.00	1.048	3.96	1.32	1.38	29.995	0.390	0.000	73.02	31.48
144.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	29.995	0.390	0.000	13.30	1.44
145.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	30.039	0.362	0.000	0.00	0.08
145.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	30.039	0.362	0.000	0.00	1.42
145.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	30.039	0.362	0.000	10.47	0.98
145.0	(8) 1 5/8" Coax	Yes	1.00	1.047	3.96	0.33	0.35	30.039	0.362	0.000	18.27	7.87
150.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	30.254	0.373	0.000	0.00	0.42
150.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	30.254	0.373	0.000	0.00	7.08
150.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	30.254	0.373	0.000	52.71	4.92
150.0	(8) 1 5/8" Coax	Yes	5.00	1.043	3.96	1.65	1.72	30.254	0.373	0.000	91.66	39.36

Totals: 8,247.55 15,633.46

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	25 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

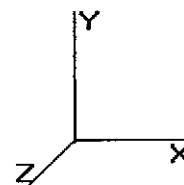
Applied Segment Forces Summary

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
5.00	523.90	1,971.42	0.00	0.00
10.00	512.81	1,952.11	0.00	0.00
15.00	1,033.30	2,269.61	0.00	0.00
20.00	1,080.02	2,250.29	0.00	0.00
25.00	1,115.35	2,230.98	0.00	0.00
30.00	1,142.11	2,211.66	0.00	0.00
31.50	343.10	659.88	0.00	0.00
35.00	648.48	1,999.55	0.00	0.00
35.67	121.18	379.12	0.00	0.00
40.00	798.48	1,783.61	0.00	0.00
45.00	926.87	2,043.15	0.00	0.00
50.00	928.70	2,027.06	0.00	0.00
55.00	928.38	2,010.96	0.00	0.00
56.00	976.35	551.46	0.00	1,584.27
60.00	739.54	1,593.88	0.00	0.00
65.00	922.41	1,643.87	0.00	0.00
70.00	917.20	1,627.77	0.00	0.00
70.00	0.06	0.11	0.00	0.00
73.50	645.30	1,440.63	0.00	0.00
75.00	274.77	452.36	0.00	0.00
80.00	915.16	1,499.85	0.00	0.00
85.00	906.64	1,486.97	0.00	0.00
90.00	897.18	1,474.10	0.00	0.00
95.00	886.83	1,461.22	0.00	0.00
100.0	875.68	1,448.34	0.00	0.00
103.0	1,891.55	1,878.02	0.00	4,514.45
105.0	343.11	553.03	0.00	0.00
110.0	851.18	1,373.57	0.00	0.00
110.0	0.06	0.09	0.00	0.00
115.0	837.87	1,276.62	0.00	0.00
118.0	920.17	856.43	0.00	-1,274.49
120.0	327.15	493.86	0.00	0.00
121.0	162.59	246.35	0.00	0.00
125.0	646.03	714.33	0.00	0.00
126.0	3,271.43	2,360.50	0.00	1,997.94
130.0	593.11	331.01	0.00	0.00
135.0	727.56	405.07	0.00	0.00
140.0	3,526.37	2,827.22	0.00	0.00
144.0	1,104.65	622.87	0.00	249.34
145.0	115.55	63.01	0.00	0.00
150.0	5,138.85	3,752.07	0.00	6,916.61
Totals:	39,517.04	56,224.02	0.00	13,988.14

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

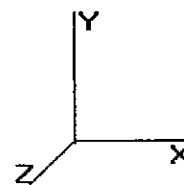
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-56.13	-39.65	0.00	-3,906.77	0.00	3,906.77	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.638
5.00	-53.98	-39.37	0.00	-3,708.52	0.00	3,708.52	3,091.35	1,545.67	4,611.19	2,277.30	0.14	-0.26	0.615
10.00	-51.86	-39.08	0.00	-3,511.69	0.00	3,511.69	3,047.99	1,524.00	4,447.17	2,196.29	0.56	-0.52	0.591
15.00	-49.43	-38.24	0.00	-3,316.31	0.00	3,316.31	3,003.60	1,501.80	4,284.50	2,115.95	1.25	-0.78	0.566
20.00	-47.03	-37.33	0.00	-3,125.12	0.00	3,125.12	2,958.17	1,479.08	4,123.27	2,036.33	2.20	-1.03	0.542
25.00	-44.67	-36.36	0.00	-2,938.47	0.00	2,938.47	2,911.70	1,455.85	3,963.58	1,957.46	3.42	-1.28	0.517
30.00	-42.39	-35.28	0.00	-2,756.66	0.00	2,756.66	2,864.18	1,432.09	3,805.55	1,879.42	4.90	-1.53	0.493
31.50	-41.66	-35.01	0.00	-2,703.72	0.00	2,703.72	2,849.72	1,424.86	3,758.46	1,856.16	5.40	-1.61	0.486
35.00	-39.62	-34.37	0.00	-2,581.19	0.00	2,581.19	2,805.48	1,402.74	3,636.10	1,795.73	6.64	-1.77	0.462
35.67	-39.18	-34.32	0.00	-2,558.26	0.00	2,558.26	2,231.07	1,115.54	2,951.42	1,457.59	6.89	-1.81	0.518
40.00	-37.29	-33.61	0.00	-2,409.55	0.00	2,409.55	2,201.95	1,100.98	2,850.70	1,407.85	8.62	-2.01	0.493
45.00	-35.15	-32.75	0.00	-2,241.51	0.00	2,241.51	2,167.39	1,083.69	2,735.30	1,350.86	10.85	-2.24	0.464
50.00	-33.04	-31.87	0.00	-2,077.78	0.00	2,077.78	2,131.78	1,065.89	2,620.87	1,294.35	13.33	-2.47	0.435
55.00	-31.00	-30.92	0.00	-1,918.44	0.00	1,918.44	2,095.13	1,047.56	2,507.52	1,238.37	16.04	-2.69	0.407
56.00	-30.44	-29.98	0.00	-1,885.94	0.00	1,885.94	2,087.67	1,043.84	2,484.99	1,227.24	16.61	-2.74	0.401
60.00	-28.79	-29.25	0.00	-1,766.04	0.00	1,766.04	2,057.44	1,028.72	2,395.35	1,182.97	18.98	-2.91	0.379
60.00	-28.79	-29.25	0.00	-1,766.04	0.00	1,766.04	2,057.44	1,028.72	2,395.35	1,182.97	18.98	-2.91	0.725
65.00	-27.05	-28.39	0.00	-1,619.77	0.00	1,619.77	2,018.71	1,009.36	2,284.46	1,128.21	22.13	-3.12	0.683
70.00	-25.39	-27.46	0.00	-1,477.84	0.00	1,477.84	1,978.94	989.47	2,174.96	1,074.13	25.61	-3.50	0.641
70.00	-25.32	-27.52	0.00	-1,477.83	0.00	1,477.83	1,978.94	989.47	2,174.95	1,074.12	25.61	-3.50	0.641
73.50	-23.84	-26.87	0.00	-1,381.50	0.00	1,381.50	1,462.64	731.32	1,612.09	796.15	28.27	-3.77	0.715
75.00	-23.29	-26.66	0.00	-1,341.21	0.00	1,341.21	1,455.06	727.53	1,589.51	785.00	29.48	-3.88	0.699
80.00	-21.69	-25.79	0.00	-1,207.90	0.00	1,207.90	1,429.11	714.55	1,514.58	747.99	33.75	-4.26	0.644
85.00	-20.12	-24.89	0.00	-1,078.97	0.00	1,078.97	1,402.12	701.06	1,440.27	711.29	38.41	-4.63	0.589
90.00	-18.59	-23.98	0.00	-954.51	0.00	954.51	1,374.09	687.04	1,366.68	674.95	43.44	-4.98	0.535
95.00	-17.08	-23.06	0.00	-834.59	0.00	834.59	1,345.02	672.51	1,293.93	639.02	48.83	-5.31	0.480
100.00	-15.63	-22.12	0.00	-719.27	0.00	719.27	1,314.91	657.46	1,222.10	603.55	54.55	-5.61	0.424
103.00	-13.90	-20.09	0.00	-648.40	0.00	648.40	1,296.35	648.17	1,179.50	582.51	58.12	-5.78	0.388
105.00	-13.32	-19.73	0.00	-608.23	0.00	608.23	1,283.76	641.88	1,151.31	568.59	60.57	-5.89	0.368
110.00	-12.01	-18.77	0.00	-509.58	0.00	509.58	1,247.14	623.57	1,077.81	532.29	66.87	-6.15	0.318
110.00	-11.97	-18.79	0.00	-509.57	0.00	509.57	1,247.13	623.57	1,077.80	532.29	66.87	-6.15	0.318
110.00	-11.97	-18.79	0.00	-509.57	0.00	509.57	846.54	423.27	735.96	363.46	66.87	-6.15	0.384
115.00	-10.74	-17.85	0.00	-415.63	0.00	415.63	828.55	414.27	693.31	342.40	73.42	-6.37	0.320
118.00	-9.96	-16.86	0.00	-362.07	0.00	362.07	817.25	408.63	667.88	329.84	77.46	-6.51	0.282
120.00	-9.49	-16.49	0.00	-328.35	0.00	328.35	809.51	404.76	651.00	321.50	80.20	-6.59	0.258
121.00	-9.23	-16.31	0.00	-311.87	0.00	311.87	805.58	402.79	642.58	317.35	81.58	-6.63	0.246
121.00	-9.23	-16.31	0.00	-311.87	0.00	311.87	805.58	402.79	642.58	317.35	81.58	-6.63	0.996
125.00	-8.56	-15.61	0.00	-246.61	0.00	246.61	789.44	394.72	609.12	300.82	87.19	-6.77	0.832
126.00	-6.54	-12.11	0.00	-229.01	0.00	229.01	785.30	392.65	600.81	296.72	88.62	-6.90	0.781
130.00	-6.19	-11.54	0.00	-180.55	0.00	180.55	768.32	384.16	567.78	280.41	94.59	-7.37	0.653
135.00	-5.81	-10.81	0.00	-122.86	0.00	122.86	746.17	373.08	527.09	260.31	102.56	-7.86	0.481
140.00	-3.47	-6.93	0.00	-68.84	0.00	68.84	722.98	361.49	487.14	240.58	110.97	-8.21	0.291
144.00	-3.01	-5.76	0.00	-40.85	0.00	40.85	701.03	350.52	454.07	224.25	117.90	-8.39	0.187
145.00	-2.95	-5.64	0.00	-35.10	0.00	35.10	694.06	347.03	445.03	219.78	119.66	-8.43	0.164
150.00	0.00	-5.14	0.00	-6.92	0.00	6.92	659.19	329.60	401.19	198.13	128.52	-8.53	0.035

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

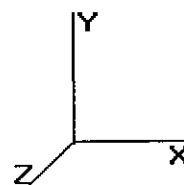
Shaft Segment Forces (Factored)

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	0.85	18.656	20.52	282.45	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	18.656	20.52	276.53	1.000	0.000	5.00	15.955	15.96	523.9	0.0	1,345.0
10.00		1.00	0.85	18.656	20.52	270.61	1.000	0.000	5.00	15.617	15.62	512.8	0.0	1,330.5
15.00		1.00	0.85	18.656	20.52	264.69	1.200	* 0.000	5.00	15.279	18.34	602.0	0.0	1,316.0
20.00		1.00	0.90	19.795	21.77	266.55	1.200	* 0.000	5.00	14.942	17.93	624.7	0.0	1,301.5
25.00		1.00	0.94	20.747	22.82	266.64	1.200	* 0.000	5.00	14.604	17.52	639.9	0.0	1,287.0
30.00		1.00	0.98	21.559	23.71	265.44	1.200	* 0.000	5.00	14.266	17.12	649.6	0.0	1,272.5
31.50	Bot - Section 2	1.00	0.99	21.782	23.96	264.89	1.200	* 0.000	1.50	4.215	5.06	193.9	0.0	379.0
35.00		1.00	1.01	22.270	24.49	263.32	1.200	* 0.000	3.50	9.902	11.88	465.7	0.0	1,229.3
35.67	Top - Section 1	1.00	1.01	22.359	24.59	262.98	1.200	* 0.000	0.67	1.868	2.24	88.2	0.0	232.8
40.00		1.00	1.04	22.905	25.19	265.72	1.200	* 0.000	4.33	11.991	14.39	580.1	0.0	1,003.0
45.00		1.00	1.07	23.480	25.82	262.39	1.200	* 0.000	5.00	13.521	16.23	670.5	0.0	1,146.2
50.00		1.00	1.09	24.007	26.40	258.60	1.200	* 0.000	5.00	13.183	15.82	668.4	0.0	1,134.1
55.00		1.00	1.11	24.494	26.94	254.43	1.200	* 0.000	5.00	12.845	15.41	664.5	0.0	1,122.0
56.00	Appertunance(s)	1.00	1.12	24.587	27.04	253.55	1.200	* 0.000	1.00	2.529	3.03	131.3	0.0	223.0
60.00	Reinf. Top	1.00	1.13	24.946	27.44	249.92	1.200	* 0.000	4.00	9.979	11.97	525.8	0.0	887.0
65.00		1.00	1.15	25.370	27.90	245.13	1.200	* 0.000	5.00	12.169	14.60	652.1	0.0	763.9
70.00		1.00	1.17	25.769	28.34	240.09	1.200	* 0.000	5.00	11.831	14.20	643.9	0.0	751.8
70.00	Bot - Section 3	1.00	1.17	25.769	28.34	240.09	1.200	* 0.000	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	1.18	26.035	28.63	236.43	1.200	* 0.000	3.50	8.232	9.88	452.6	0.0	752.1
75.00		1.00	1.19	26.146	28.76	239.31	1.200	* 0.000	1.50	3.476	4.17	192.0	0.0	198.6
80.00		1.00	1.20	26.504	29.15	233.88	1.200	* 0.000	5.00	11.371	13.65	636.5	0.0	655.9
85.00		1.00	1.22	26.844	29.52	228.28	1.200	* 0.000	5.00	11.033	13.24	625.5	0.0	646.2
90.00		1.00	1.23	27.169	29.88	222.51	1.200	* 0.000	5.00	10.695	12.83	613.7	0.0	636.5
95.00		1.00	1.25	27.480	30.22	216.59	1.200	* 0.000	5.00	10.357	12.43	601.1	0.0	626.9
100.0		1.00	1.26	27.779	30.55	210.54	1.200	* 0.000	5.00	10.019	12.02	587.8	0.0	617.2
103.0	Appertunance(s)	1.00	1.27	27.952	30.74	206.85	1.200	* 0.000	3.00	5.849	7.02	345.3	0.0	365.7
105.0		1.00	1.27	28.066	30.87	204.37	1.200	* 0.000	2.00	3.832	4.60	227.1	0.0	241.9
110.0		1.00	1.29	28.342	31.17	198.07	1.200	* 0.000	5.00	9.343	11.21	559.3	0.0	597.9
110.0	Top - Section 3	1.00	1.29	28.342	31.17	198.07	1.200	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
115.0		1.00	1.30	28.608	31.46	191.67	1.200	* 0.000	5.00	9.005	10.81	544.1	0.0	525.2
118.0	Appertunance(s)	1.00	1.31	28.764	31.64	187.78	1.200	* 0.000	3.00	5.241	6.29	318.4	0.0	311.7
120.0		1.00	1.31	28.866	31.75	185.17	1.200	* 0.000	2.00	3.426	4.11	208.9	0.0	206.3
121.0	Reinf. Top	1.00	1.31	28.916	31.80	183.85	1.200	* 0.000	1.00	1.693	2.03	103.4	0.0	102.7
125.0		1.00	1.32	29.115	32.02	178.57	1.200	* 0.000	4.00	6.636	7.96	408.1	0.0	140.8
126.0	Appertunance(s)	1.00	1.32	29.164	32.08	177.24	1.200	* 0.000	1.00	1.625	1.95	100.1	0.0	34.5
130.0		1.00	1.33	29.356	32.29	171.88	1.200	* 0.000	4.00	6.366	7.64	394.7	0.0	135.0
135.0		1.00	1.34	29.591	32.55	165.11	1.200	* 0.000	5.00	7.653	9.18	478.3	0.0	162.3
140.0	Appertunance(s)	1.00	1.35	29.818	32.80	158.26	1.200	* 0.000	5.00	7.315	8.78	460.7	0.0	155.0
144.0	Appertunance(s)	1.00	1.36	29.995	32.99	152.72	1.200	* 0.000	4.00	5.609	6.73	355.3	0.0	118.8
145.0		1.00	1.36	30.039	33.04	151.33	1.200	* 0.000	1.00	1.368	1.64	86.8	0.0	29.0
150.0	Appertunance(s)	1.00	1.37	30.254	33.28	144.33	1.200	* 0.000	5.00	6.639	7.97	424.2	0.0	140.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00		17,561.4	0.0	24,125.6

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

Wind Importance Factor : 1.00

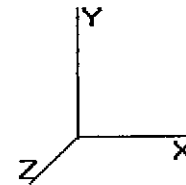
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
56.00	Channel Master Type	1	24.769	27.246	0.90	1.00	18.17	0.000	2.000	792.14	0.00	1,584.27	113.40
103.0	24" x 24" Junction	1	28.122	30.934	0.60	0.80	3.36	0.000	3.000	166.30	0.00	498.90	18.00
103.0	Argus LLPX310R	3	28.177	30.995	0.50	0.80	7.19	0.000	4.000	356.42	0.00	1,425.68	77.22
103.0	DragonWave A-ANT-	2	28.287	31.116	0.72	0.80	6.75	0.000	6.000	336.23	0.00	2,017.40	48.60
103.0	DragonWave Horizon	2	28.287	31.116	0.26	0.80	0.23	0.000	6.000	11.30	0.00	67.82	19.08
103.0	NextNet BTS-2500	3	28.177	30.995	0.40	0.80	2.54	0.000	4.000	126.16	0.00	504.65	94.50
103.0	Side Arms	1	27.952	30.747	0.90	1.00	7.65	0.000	0.000	376.35	0.00	0.00	504.00
118.0	RFS APXV18-206517S-	3	28.608	31.469	0.54	0.80	8.44	0.000	-3.000	424.83	0.00	-1,274.49	71.28
126.0	Alcatel-Lucent RRH2x	3	29.212	32.134	0.40	0.80	3.02	0.000	1.000	155.48	0.00	155.48	118.80
126.0	Antel BXA-171085-12C	3	29.212	32.134	0.58	0.80	8.17	0.000	1.000	420.23	0.00	420.23	40.50
126.0	Antel BXA-171085-8BF	3	29.212	32.134	0.57	0.80	5.01	0.000	1.000	257.57	0.00	257.57	28.35
126.0	Antel BXA-70063-4CF-	3	29.212	32.134	0.51	0.80	7.93	0.000	1.000	407.49	0.00	407.49	26.73
126.0	Antel BXA-80080-6CF-	3	29.212	32.134	0.58	0.80	10.11	0.000	1.000	519.74	0.00	519.74	48.60
126.0	RFS DB-T1-6Z-8AB-0Z	1	29.212	32.134	0.72	0.80	4.03	0.000	1.000	207.30	0.00	207.30	39.60
126.0	RFS FD9R6004/2C-3L	6	29.212	32.134	0.26	0.80	0.59	0.000	1.000	30.13	0.00	30.13	14.04
126.0	Round Low Profile PI	1	29.164	32.080	1.00	1.00	21.70	0.000	0.000	1,113.82	0.00	0.00	1,350.00
140.0	Ericsson AIR 21, 1.3	3	29.818	32.800	0.69	1.00	13.52	0.000	0.000	709.37	0.00	0.00	224.10
140.0	Ericsson AIR 21, 1.3	3	29.818	32.800	0.69	1.00	13.62	0.000	0.000	714.80	0.00	0.00	220.05
140.0	Ericsson KRY 112 144	3	29.818	32.800	0.33	1.00	0.41	0.000	0.000	21.30	0.00	0.00	29.70
140.0	Flat Low Profile Pla	1	29.818	32.800	1.00	1.00	26.10	0.000	0.000	1,369.72	0.00	0.00	1,350.00
144.0	Diamond X50A	2	30.117	33.129	0.75	1.00	1.68	0.000	2.800	89.05	0.00	249.34	4.14
144.0	Flat Side Arm	2	29.995	32.995	0.80	1.00	10.08	0.000	0.000	532.14	0.00	0.00	270.00
150.0	ADC DD1900	6	30.339	33.373	0.25	0.75	1.89	0.000	2.000	100.70	0.00	201.40	65.34
150.0	Allgon 7770.00	6	30.339	33.373	0.48	0.75	16.93	0.000	2.000	904.23	0.00	1,808.46	189.00
150.0	Andrew SBNH-	1	30.339	33.373	0.52	0.75	6.01	0.000	2.000	320.98	0.00	641.95	54.72
150.0	Decibel DB809KE-SY	1	30.748	33.823	1.00	1.00	3.40	0.000	12.000	184.00	0.00	2,207.98	23.40
150.0	Ericsson RRUS 11 (Ba	6	30.339	33.373	0.50	1.00	8.82	0.000	2.000	470.95	0.00	941.91	297.00
150.0	Flat Platform w/ Han	1	30.254	33.280	0.90	1.00	38.16	0.000	0.000	2,031.91	0.00	0.00	1,800.00
150.0	Powerwave LGP13519	6	30.339	33.373	0.25	0.75	0.50	0.000	2.000	26.96	0.00	53.92	28.62
150.0	Powerwave P65-16-	2	30.339	33.373	0.56	0.75	9.45	0.000	2.000	504.59	0.00	1,009.19	95.40
150.0	Raycap DC6-48-60-18-	1	30.339	33.373	0.33	1.00	0.49	0.000	2.000	25.90	0.00	51.80	28.62
										13,708.11			7,292.79

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)	25 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

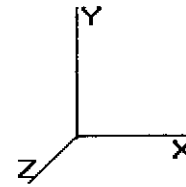
Linear Appurtenance Segment Forces (Factored)

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)
5.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.000	0.000	0.00	300.60
10.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.000	0.000	0.00	300.60
15.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	0.31
15.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	5.31
15.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.656	0.613	0.000	32.51	3.69
15.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	18.656	0.613	0.000	65.01	29.52
15.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	18.656	0.613	0.000	10.34	1.35
15.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	4.50
15.00	(6) 1 5/8" Coax	Yes	5.00	0.886	5.94	2.47	2.19	18.656	0.613	0.000	71.98	22.14
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	18.656	0.613	0.000	32.51	44.27
15.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	7.24
15.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	300.60
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	22.14
15.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	2.70
15.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	32.85
15.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	1.22
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	18.656	0.613	0.000	0.00	0.68
15.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	18.656	0.613	0.000	218.90	0.00
20.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	0.31
20.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	5.31
20.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.795	0.627	0.000	34.49	3.69
20.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	19.795	0.627	0.000	68.98	29.52
20.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	19.795	0.627	0.000	10.97	1.35
20.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	4.50
20.00	(6) 1 5/8" Coax	Yes	5.00	0.860	5.94	2.47	2.13	19.795	0.627	0.000	74.14	22.14
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	19.795	0.627	0.000	34.49	44.27
20.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	7.24
20.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	300.60
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	22.14
20.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	2.70
20.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	32.85
20.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	1.22
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	19.795	0.627	0.000	0.00	0.68
20.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	19.795	0.627	0.000	232.26	0.00
25.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	0.31
25.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	5.31
25.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.747	0.642	0.000	36.15	3.69
25.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	20.747	0.642	0.000	72.30	29.52
25.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	20.747	0.642	0.000	11.50	1.35
25.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	4.50
25.00	(6) 1 5/8" Coax	Yes	5.00	0.840	5.94	2.47	2.08	20.747	0.642	0.000	75.91	22.14
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	20.747	0.642	0.000	36.15	44.27
25.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	7.24
25.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	300.60
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	22.14
25.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	2.70
25.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	32.85
25.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	1.22
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	20.747	0.642	0.000	0.00	0.68
25.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	20.747	0.642	0.000	243.44	0.00
30.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	0.31

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

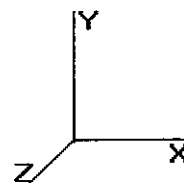
Wind Importance Factor : 1.00

30.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	5.31
30.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.559	0.657	0.000	37.56	3.69
30.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	21.559	0.657	0.000	75.13	29.52
30.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	21.559	0.657	0.000	11.95	1.35
30.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	4.50
30.00	(6) 1 5/8" Coax	Yes	5.00	0.824	5.94	2.47	2.04	21.559	0.657	0.000	77.38	22.14
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	21.559	0.657	0.000	37.56	44.27
30.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	7.24
30.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	300.60
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	22.14
30.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	2.70
30.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	32.85
30.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	1.22
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	21.559	0.657	0.000	0.00	0.68
30.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	21.559	0.657	0.000	252.96	0.00
31.50	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.09
31.50	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	1.59
31.50	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	21.782	0.667	0.000	11.39	1.11
31.50	(8) 1 5/8" Coax	Yes	1.50	1.200	3.96	0.50	0.59	21.782	0.667	0.000	22.78	8.86
31.50	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.08	0.09	21.782	0.667	0.000	3.62	0.41
31.50	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	1.35
31.50	(6) 1 5/8" Coax	Yes	1.50	0.820	5.94	0.74	0.61	21.782	0.667	0.000	23.34	6.64
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	21.782	0.667	0.000	11.39	13.29
31.50	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	2.17
31.50	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	90.20
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	6.64
31.50	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.81
31.50	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	9.86
31.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.36
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	21.782	0.667	0.000	0.00	0.20
31.50	(4) Dywidag	Yes	1.50	2.000	8.00	1.00	2.00	21.782	0.667	0.000	76.69	0.00
35.00	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	0.22
35.00	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	3.72
35.00	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	22.270	0.449	0.000	27.16	2.58
35.00	(8) 1 5/8" Coax	Yes	3.50	1.200	3.96	1.15	1.39	22.270	0.449	0.000	54.32	20.66
35.00	(2) 1/2" Coax	Yes	3.50	1.200	0.63	0.18	0.22	22.270	0.449	0.000	8.64	0.94
35.00	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	3.15
35.00	(6) 1 5/8" Coax	Yes	3.50	0.811	5.94	1.73	1.40	22.270	0.449	0.000	55.04	15.49
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	22.270	0.449	0.000	27.16	30.99
35.00	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	5.07
35.00	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	210.40
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	15.49
35.00	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	1.89
35.00	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	22.99
35.00	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	0.85
35.00	(1) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	22.270	0.449	0.000	0.00	0.47
35.00	(4) Dywidag	Yes	0.20	2.000	8.00	0.13	0.27	22.270	0.449	0.000	10.43	0.00
35.67	(1) 0.39" Cable	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.04
35.67	(2) 0.78" 8 AWG 6	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.71
35.67	(1) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	22.359	0.440	0.000	5.20	0.49
35.67	(8) 1 5/8" Coax	Yes	0.67	1.200	3.96	0.22	0.26	22.359	0.440	0.000	10.39	3.94
35.67	(2) 1/2" Coax	Yes	0.67	1.200	0.63	0.04	0.04	22.359	0.440	0.000	1.65	0.18
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.60
35.67	(6) 1 5/8" Coax	Yes	0.67	0.809	5.94	0.33	0.27	22.359	0.440	0.000	10.51	2.95
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	22.359	0.440	0.000	5.20	5.91
35.67	(1) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.97
35.67	(4) #20 Dywidag bars	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	40.10

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

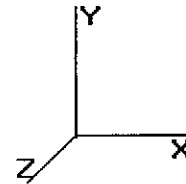
Wind Importance Factor : 1.00

35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	2.95
35.67	(4) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.36
35.67	(2) 2" Cond.	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	4.38
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.16
35.67	(1) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	22.359	0.440	0.000	0.00	0.09
40.00	(1) 0.39" Cable	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	0.27
40.00	(2) 0.78" 8 AWG 6	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	4.60
40.00	(1) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	22.905	0.436	0.000	34.59	3.20
40.00	(8) 1 5/8" Coax	Yes	4.33	1.199	3.96	1.43	1.71	22.905	0.436	0.000	69.12	25.58
40.00	(2) 1/2" Coax	Yes	4.33	1.200	0.63	0.23	0.27	22.905	0.436	0.000	11.00	1.17
40.00	(1) 1 1/4" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	3.90
40.00	(6) 1 5/8" Coax	Yes	4.33	0.799	5.94	2.14	1.71	22.905	0.436	0.000	69.12	19.18
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	22.905	0.436	0.000	34.59	38.37
40.00	(1) 1 5/8" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	6.28
40.00	(4) #20 Dywidag bars	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	260.50
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	19.18
40.00	(4) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	2.34
40.00	(2) 2" Cond.	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	28.47
40.00	(6) 5/16" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	1.05
40.00	(1) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	22.905	0.436	0.000	0.00	0.58
45.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	0.31
45.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	5.31
45.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.480	0.447	0.000	40.91	3.69
45.00	(8) 1 5/8" Coax	Yes	5.00	1.184	3.96	1.65	1.95	23.480	0.447	0.000	80.75	29.52
45.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	23.480	0.447	0.000	13.02	1.35
45.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	4.50
45.00	(6) 1 5/8" Coax	Yes	5.00	0.790	5.94	2.47	1.95	23.480	0.447	0.000	80.75	22.14
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	23.480	0.447	0.000	40.91	44.27
45.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	7.24
45.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	300.60
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	22.14
45.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	2.70
45.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	32.85
45.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	1.22
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	23.480	0.447	0.000	0.00	0.68
50.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	0.31
50.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	5.31
50.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.007	0.458	0.000	41.83	3.69
50.00	(8) 1 5/8" Coax	Yes	5.00	1.171	3.96	1.65	1.93	24.007	0.458	0.000	81.65	29.52
50.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	24.007	0.458	0.000	13.31	1.35
50.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	4.50
50.00	(6) 1 5/8" Coax	Yes	5.00	0.781	5.94	2.47	1.93	24.007	0.458	0.000	81.65	22.14
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.007	0.458	0.000	41.83	44.27
50.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	7.24
50.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	300.60
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	22.14
50.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	2.70
50.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	32.85
50.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	1.22
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.007	0.458	0.000	0.00	0.68
55.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	0.31
55.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	5.31
55.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.494	0.470	0.000	42.68	3.69
55.00	(8) 1 5/8" Coax	Yes	5.00	1.160	3.96	1.65	1.91	24.494	0.470	0.000	82.47	29.52
55.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	24.494	0.470	0.000	13.58	1.35
55.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	4.50
55.00	(6) 1 5/8" Coax	Yes	5.00	0.773	5.94	2.47	1.91	24.494	0.470	0.000	82.47	22.14

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

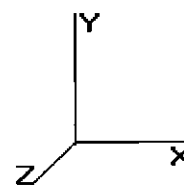
Wind Importance Factor : 1.00

55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	24.494	0.470	0.000	42.68	44.27
55.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	7.24
55.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	300.60
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	22.14
55.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	2.70
55.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	32.85
55.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	1.22
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	24.494	0.470	0.000	0.00	0.68
56.00	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.06
56.00	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	1.06
56.00	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	24.587	0.478	0.000	8.57	0.74
56.00	(8) 1 5/8" Coax	Yes	1.00	1.157	3.96	0.33	0.38	24.587	0.478	0.000	16.53	5.90
56.00	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	24.587	0.478	0.000	2.73	0.27
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.90
56.00	(6) 1 5/8" Coax	Yes	1.00	0.772	5.94	0.50	0.38	24.587	0.478	0.000	16.53	4.43
56.00	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	24.587	0.478	0.000	8.57	8.85
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	1.45
56.00	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	60.12
56.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	4.43
56.00	(4) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.54
56.00	(2) 2" Cond.	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	6.57
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.24
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.587	0.478	0.000	0.00	0.14
60.00	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	0.25
60.00	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	4.25
60.00	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	24.946	0.484	0.000	34.77	2.95
60.00	(8) 1 5/8" Coax	Yes	4.00	1.149	3.96	1.32	1.52	24.946	0.484	0.000	66.59	23.61
60.00	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	24.946	0.484	0.000	11.06	1.08
60.00	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	3.60
60.00	(6) 1 5/8" Coax	Yes	4.00	0.766	5.94	1.98	1.52	24.946	0.484	0.000	66.59	17.71
60.00	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	24.946	0.484	0.000	34.77	35.42
60.00	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	5.80
60.00	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	240.48
60.00	(6) 1 5/8" Coax	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	17.71
60.00	(4) 1/2" Coax	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	2.16
60.00	(2) 2" Cond.	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	26.28
60.00	(6) 5/16" Coax	Yes	4.00	0.000	0.00	0.00	0.00	24.946	0.484	0.000	0.00	0.97
65.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	0.31
65.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	5.31
65.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.370	0.496	0.000	44.21	3.69
65.00	(8) 1 5/8" Coax	Yes	5.00	1.139	3.96	1.65	1.88	25.370	0.496	0.000	83.94	29.52
65.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	25.370	0.496	0.000	14.07	1.35
65.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	4.50
65.00	(6) 1 5/8" Coax	Yes	5.00	0.760	5.94	2.47	1.88	25.370	0.496	0.000	83.94	22.14
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.370	0.496	0.000	44.21	44.27
65.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	7.24
65.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	300.60
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	22.14
65.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	2.70
65.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	32.85
65.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.370	0.496	0.000	0.00	1.22
70.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	0.31
70.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	5.31
70.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.769	0.510	0.000	44.90	3.69
70.00	(8) 1 5/8" Coax	Yes	5.00	1.130	3.96	1.65	1.87	25.769	0.510	0.000	84.60	29.52
70.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	25.769	0.510	0.000	14.29	1.35
70.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	4.50

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

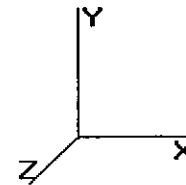
Wind Importance Factor : 1.00

70.00	(6) 1 5/8" Coax	Yes	5.00	0.754	5.94	2.47	1.87	25.769	0.510	0.000	84.60	22.14
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	25.769	0.510	0.000	44.90	44.27
70.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	7.24
70.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	300.60
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	22.14
70.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	2.70
70.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	32.85
70.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	25.769	0.510	0.000	0.00	1.22
70.00	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(8) 1 5/8" Coax	Yes	0.00	1.130	3.96	0.00	0.00	25.769	0.518	0.000	0.01	0.00
70.00	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	0.754	5.94	0.00	0.00	25.769	0.518	0.000	0.01	0.00
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.02
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(4) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(2) 2" Cond.	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	25.769	0.518	0.000	0.00	0.00
73.50	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	0.22
73.50	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	3.72
73.50	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	26.035	0.523	0.000	31.75	2.58
73.50	(8) 1 5/8" Coax	Yes	3.50	1.125	3.96	1.15	1.30	26.035	0.523	0.000	59.52	20.66
73.50	(2) 1/2" Coax	Yes	3.50	1.200	0.63	0.18	0.22	26.035	0.523	0.000	10.10	0.94
73.50	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	3.15
73.50	(6) 1 5/8" Coax	Yes	3.50	0.750	5.94	1.73	1.30	26.035	0.523	0.000	59.52	15.50
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	26.035	0.523	0.000	31.75	30.99
73.50	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	5.07
73.50	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	210.42
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	15.50
73.50	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	1.89
73.50	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	23.00
73.50	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	26.035	0.523	0.000	0.00	0.85
75.00	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	0.09
75.00	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	1.59
75.00	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	26.146	0.521	0.000	13.66	1.11
75.00	(8) 1 5/8" Coax	Yes	1.50	1.122	3.96	0.49	0.56	26.146	0.521	0.000	25.56	8.85
75.00	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.08	0.09	26.146	0.521	0.000	4.35	0.40
75.00	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	1.35
75.00	(6) 1 5/8" Coax	Yes	1.50	0.748	5.94	0.74	0.56	26.146	0.521	0.000	25.56	6.64
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	26.146	0.521	0.000	13.66	13.28
75.00	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	2.17
75.00	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	90.16
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	6.64
75.00	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	0.81
75.00	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	9.85
75.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	26.146	0.521	0.000	0.00	0.36
80.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	0.31
80.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	5.31
80.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.504	0.531	0.000	46.18	3.69
80.00	(8) 1 5/8" Coax	Yes	5.00	1.115	3.96	1.65	1.84	26.504	0.531	0.000	85.79	29.52
80.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	26.504	0.531	0.000	14.69	1.35
80.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	4.50
80.00	(6) 1 5/8" Coax	Yes	5.00	0.743	5.94	2.47	1.84	26.504	0.531	0.000	85.79	22.14

Pole : 302489
 Location : Enfld - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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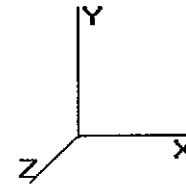
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	25 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.504	0.531	0.000	46.18	44.27
80.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	7.24
80.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	300.60
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	22.14
80.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	2.70
80.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	32.85
80.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.504	0.531	0.000	0.00	1.22
85.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	0.31
85.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	5.31
85.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.844	0.547	0.000	46.77	3.69
85.00	(8) 1 5/8" Coax	Yes	5.00	1.108	3.96	1.65	1.83	26.844	0.547	0.000	86.34	29.52
85.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	26.844	0.547	0.000	14.88	1.35
85.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	4.50
85.00	(6) 1 5/8" Coax	Yes	5.00	0.738	5.94	2.47	1.83	26.844	0.547	0.000	86.34	22.14
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	26.844	0.547	0.000	46.77	44.27
85.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	7.24
85.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	300.60
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	22.14
85.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	2.70
85.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	32.85
85.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	26.844	0.547	0.000	0.00	1.22
90.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	0.31
90.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	5.31
90.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.169	0.565	0.000	47.34	3.69
90.00	(8) 1 5/8" Coax	Yes	5.00	1.101	3.96	1.65	1.82	27.169	0.565	0.000	86.86	29.52
90.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	27.169	0.565	0.000	15.06	1.35
90.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	4.50
90.00	(6) 1 5/8" Coax	Yes	5.00	0.734	5.94	2.47	1.82	27.169	0.565	0.000	86.86	22.14
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.169	0.565	0.000	47.34	44.27
90.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	7.24
90.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	300.60
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	22.14
90.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	2.70
90.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	32.85
90.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.169	0.565	0.000	0.00	1.22
95.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	0.31
95.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	5.31
95.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.480	0.583	0.000	47.88	3.69
95.00	(8) 1 5/8" Coax	Yes	5.00	1.095	3.96	1.65	1.81	27.480	0.583	0.000	87.36	29.52
95.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	27.480	0.583	0.000	15.24	1.35
95.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	4.50
95.00	(6) 1 5/8" Coax	Yes	5.00	0.730	5.94	2.47	1.81	27.480	0.583	0.000	87.36	22.14
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.480	0.583	0.000	47.88	44.27
95.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	7.24
95.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	300.60
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	22.14
95.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	2.70
95.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	32.85
95.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.480	0.583	0.000	0.00	1.22
100.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	0.31
100.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	5.31
100.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.779	0.603	0.000	48.40	3.69
100.0	(8) 1 5/8" Coax	Yes	5.00	1.089	3.96	1.65	1.80	27.779	0.603	0.000	87.83	29.52
100.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	27.779	0.603	0.000	15.40	1.35
100.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	4.50
100.0	(6) 1 5/8" Coax	Yes	5.00	0.726	5.94	2.47	1.80	27.779	0.603	0.000	87.83	22.14
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	27.779	0.603	0.000	48.40	44.27

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

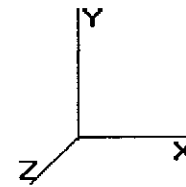
Wind Importance Factor : 1.00

100.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	7.24
100.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	300.60
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	22.14
100.0	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	2.70
100.0	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	32.85
100.0	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	27.779	0.603	0.000	0.00	1.22
103.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	0.19
103.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	3.19
103.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	27.952	0.619	0.000	29.22	2.21
103.0	(8) 1 5/8" Coax	Yes	3.00	1.085	3.96	0.99	1.07	27.952	0.619	0.000	52.86	17.71
103.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	0.16	0.19	27.952	0.619	0.000	9.30	0.81
103.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	2.70
103.0	(6) 1 5/8" Coax	Yes	3.00	0.724	5.94	1.49	1.07	27.952	0.619	0.000	52.86	13.28
103.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	27.952	0.619	0.000	29.22	26.56
103.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	4.35
103.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	180.36
103.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	13.28
103.0	(4) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	1.62
103.0	(2) 2" Cond.	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	19.71
103.0	(6) 5/16" Coax	Yes	3.00	0.000	0.00	0.00	0.00	27.952	0.619	0.000	0.00	0.73
105.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	0.13
105.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	2.12
105.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.066	0.630	0.000	19.56	1.48
105.0	(8) 1 5/8" Coax	Yes	2.00	1.083	3.96	0.66	0.71	28.066	0.630	0.000	35.31	11.81
105.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.10	0.13	28.066	0.630	0.000	6.22	0.54
105.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	1.80
105.0	(6) 1 5/8" Coax	Yes	2.00	0.722	5.94	0.99	0.71	28.066	0.630	0.000	35.31	8.85
105.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.066	0.630	0.000	19.56	17.71
105.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	2.90
105.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	120.24
105.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.066	0.630	0.000	0.00	8.85
110.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	0.31
110.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	5.31
110.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.342	0.646	0.000	49.38	3.69
110.0	(8) 1 5/8" Coax	Yes	5.00	1.078	3.96	1.65	1.78	28.342	0.646	0.000	88.72	29.52
110.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	28.342	0.646	0.000	15.71	1.35
110.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	4.50
110.0	(6) 1 5/8" Coax	Yes	5.00	0.719	5.94	2.47	1.78	28.342	0.646	0.000	88.72	22.14
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.342	0.646	0.000	49.38	44.27
110.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	7.24
110.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	300.60
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.342	0.646	0.000	0.00	22.14
110.0	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(8) 1 5/8" Coax	Yes	0.00	1.078	3.96	0.00	0.00	28.342	0.658	0.000	0.01	0.00
110.0	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	0.719	5.94	0.00	0.00	28.342	0.658	0.000	0.01	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
110.0	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.02
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	28.342	0.658	0.000	0.00	0.00
115.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	0.31
115.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	5.31
115.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.608	0.670	0.000	49.84	3.69
115.0	(8) 1 5/8" Coax	Yes	5.00	1.073	3.96	1.65	1.77	28.608	0.670	0.000	89.13	29.51

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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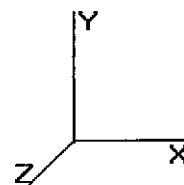
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	25 Iterations
Gust Response Factor : 1.10	Wind Importance Factor : 1.00	
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

115.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	28.608	0.670	0.000	15.86	1.35
115.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	4.50
115.0	(6) 1 5/8" Coax	Yes	5.00	0.715	5.94	2.47	1.77	28.608	0.670	0.000	89.13	22.14
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	28.608	0.670	0.000	49.84	44.27
115.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	7.24
115.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	300.58
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	28.608	0.670	0.000	0.00	22.14
118.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	0.19
118.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	3.19
118.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	28.764	0.691	0.000	30.07	2.21
118.0	(8) 1 5/8" Coax	Yes	3.00	1.070	3.96	0.99	1.06	28.764	0.691	0.000	53.63	17.71
118.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	0.16	0.19	28.764	0.691	0.000	9.57	0.81
118.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	2.70
118.0	(6) 1 5/8" Coax	Yes	3.00	0.713	5.94	1.49	1.06	28.764	0.691	0.000	53.63	13.28
118.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	28.764	0.691	0.000	30.07	26.56
118.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	4.35
118.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	180.36
118.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	28.764	0.691	0.000	0.00	13.28
120.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	0.13
120.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	2.12
120.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.866	0.705	0.000	20.12	1.48
120.0	(8) 1 5/8" Coax	Yes	2.00	1.068	3.96	0.66	0.70	28.866	0.705	0.000	35.81	11.81
120.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.10	0.13	28.866	0.705	0.000	6.40	0.54
120.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	1.80
120.0	(6) 1 5/8" Coax	Yes	2.00	0.712	5.94	0.99	0.70	28.866	0.705	0.000	35.81	8.85
120.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	28.866	0.705	0.000	20.12	17.71
120.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	2.90
120.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	28.866	0.705	0.000	0.00	120.24
121.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	0.06
121.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	1.06
121.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	28.916	0.713	0.000	10.08	0.74
121.0	(8) 1 5/8" Coax	Yes	1.00	1.067	3.96	0.33	0.35	28.916	0.713	0.000	17.92	5.90
121.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	28.916	0.713	0.000	3.21	0.27
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	0.90
121.0	(6) 1 5/8" Coax	Yes	1.00	0.711	5.94	0.50	0.35	28.916	0.713	0.000	17.92	4.43
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	28.916	0.713	0.000	10.08	8.85
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	1.45
121.0	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	28.916	0.713	0.000	0.00	60.12
125.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	0.25
125.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	4.25
125.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.115	0.728	0.000	40.58	2.95
125.0	(8) 1 5/8" Coax	Yes	4.00	1.064	3.96	1.32	1.40	29.115	0.728	0.000	71.94	23.61
125.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	29.115	0.728	0.000	12.91	1.08
125.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	3.60
125.0	(6) 1 5/8" Coax	Yes	4.00	0.709	5.94	1.98	1.40	29.115	0.728	0.000	71.94	17.71
125.0	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.115	0.728	0.000	40.58	35.42
125.0	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	5.80
125.0	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	29.115	0.728	0.000	0.00	240.48
126.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	0.06
126.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	1.06
126.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	29.164	0.743	0.000	10.16	0.74
126.0	(8) 1 5/8" Coax	Yes	1.00	1.063	3.96	0.33	0.35	29.164	0.743	0.000	18.00	5.90
126.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	29.164	0.743	0.000	3.23	0.27
126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	0.90
126.0	(6) 1 5/8" Coax	Yes	1.00	0.708	5.94	0.50	0.35	29.164	0.743	0.000	18.00	4.43
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	29.164	0.743	0.000	10.16	8.85
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	1.45

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

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

Wind Importance Factor : 1.00

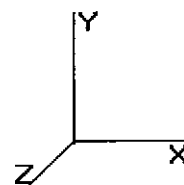
126.0	(4) #20 Dywidag bars	Yes	0.51	0.000	0.00	0.00	0.00	29.164	0.743	0.000	0.00	30.66
130.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	29.356	0.655	0.000	0.00	0.25
130.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	29.356	0.655	0.000	0.00	4.25
130.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.356	0.655	0.000	40.92	2.95
130.0	(8) 1 5/8" Coax	Yes	4.00	1.059	3.96	1.32	1.40	29.356	0.655	0.000	72.23	23.61
130.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	29.356	0.655	0.000	13.02	1.08
130.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	29.356	0.655	0.000	0.00	3.60
130.0	(6) 1 5/8" Coax	Yes	4.00	0.706	5.94	1.98	1.40	29.356	0.655	0.000	72.23	17.71
135.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	29.591	0.681	0.000	0.00	0.31
135.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	29.591	0.681	0.000	0.00	5.31
135.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	29.591	0.681	0.000	51.56	3.69
135.0	(8) 1 5/8" Coax	Yes	5.00	1.055	3.96	1.65	1.74	29.591	0.681	0.000	90.65	29.52
135.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	29.591	0.681	0.000	16.40	1.35
135.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	29.591	0.681	0.000	0.00	4.50
135.0	(6) 1 5/8" Coax	Yes	5.00	0.703	5.94	2.47	1.74	29.591	0.681	0.000	90.65	22.14
140.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	29.818	0.713	0.000	0.00	0.31
140.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	29.818	0.713	0.000	0.00	5.31
140.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	29.818	0.713	0.000	51.95	3.69
140.0	(8) 1 5/8" Coax	Yes	5.00	1.051	3.96	1.65	1.73	29.818	0.713	0.000	91.00	29.52
140.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	29.818	0.713	0.000	16.53	1.35
140.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	29.818	0.713	0.000	0.00	4.50
140.0	(6) 1 5/8" Coax	Yes	5.00	0.701	5.94	2.47	1.73	29.818	0.713	0.000	91.00	22.14
144.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	29.995	0.390	0.000	0.00	0.25
144.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	29.995	0.390	0.000	0.00	4.25
144.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	29.995	0.390	0.000	41.81	2.95
144.0	(8) 1 5/8" Coax	Yes	4.00	1.048	3.96	1.32	1.38	29.995	0.390	0.000	73.02	23.61
144.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	29.995	0.390	0.000	13.30	1.08
145.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	30.039	0.362	0.000	0.00	0.06
145.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	30.039	0.362	0.000	0.00	1.06
145.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	30.039	0.362	0.000	10.47	0.74
145.0	(8) 1 5/8" Coax	Yes	1.00	1.047	3.96	0.33	0.35	30.039	0.362	0.000	18.27	5.90
150.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	30.254	0.373	0.000	0.00	0.31
150.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	30.254	0.373	0.000	0.00	5.31
150.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	30.254	0.373	0.000	52.71	3.69
150.0	(8) 1 5/8" Coax	Yes	5.00	1.043	3.96	1.65	1.72	30.254	0.373	0.000	91.66	29.52

Totals: 8,247.55 11,725.09

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)

25 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

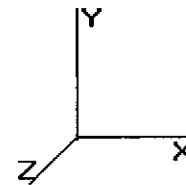
Applied Segment Forces Summary

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
5.00	523.90	1,645.57	0.00	0.00
10.00	512.81	1,631.08	0.00	0.00
15.00	1,033.30	1,869.20	0.00	0.00
20.00	1,080.02	1,854.72	0.00	0.00
25.00	1,115.35	1,840.23	0.00	0.00
30.00	1,142.11	1,825.74	0.00	0.00
31.50	343.10	545.02	0.00	0.00
35.00	648.48	1,616.55	0.00	0.00
35.67	121.18	306.62	0.00	0.00
40.00	798.48	1,482.43	0.00	0.00
45.00	926.87	1,699.36	0.00	0.00
50.00	928.70	1,687.29	0.00	0.00
55.00	928.38	1,675.22	0.00	0.00
56.00	976.35	447.00	0.00	1,584.27
60.00	739.54	1,329.01	0.00	0.00
65.00	922.41	1,316.40	0.00	0.00
70.00	917.20	1,304.33	0.00	0.00
70.00	0.06	0.09	0.00	0.00
73.50	645.30	1,138.92	0.00	0.00
75.00	274.77	364.32	0.00	0.00
80.00	915.16	1,208.39	0.00	0.00
85.00	906.64	1,198.73	0.00	0.00
90.00	897.18	1,189.07	0.00	0.00
95.00	886.83	1,179.41	0.00	0.00
100.0	875.68	1,169.76	0.00	0.00
103.0	1,891.55	1,458.62	0.00	4,514.45
105.0	343.11	448.17	0.00	0.00
110.0	851.18	1,113.67	0.00	0.00
110.0	0.06	0.07	0.00	0.00
115.0	837.87	1,040.96	0.00	0.00
118.0	920.17	692.42	0.00	-1,274.49
120.0	327.15	403.79	0.00	0.00
121.0	162.59	201.46	0.00	0.00
125.0	646.03	535.75	0.00	0.00
126.0	3,271.43	1,770.37	0.00	1,997.94
130.0	593.11	248.26	0.00	0.00
135.0	727.56	303.81	0.00	0.00
140.0	3,526.37	2,120.41	0.00	0.00
144.0	1,104.65	467.15	0.00	249.34
145.0	115.55	47.26	0.00	0.00
150.0	5,138.85	2,814.05	0.00	6,916.61
Totals:	39,517.04	45,190.70	0.00	13,988.14

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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)	25 Iterations
Gust Response Factor : 1.10	Wind Importance Factor : 1.00	
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

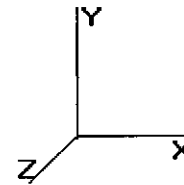
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-45.10	-39.62	0.00	-3,861.84	0.00	3,861.84	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.629
5.00	-43.28	-39.29	0.00	-3,663.73	0.00	3,663.73	3,091.35	1,545.67	4,611.19	2,277.30	0.14	-0.26	0.606
10.00	-41.48	-38.95	0.00	-3,467.28	0.00	3,467.28	3,047.99	1,524.00	4,447.17	2,196.29	0.55	-0.52	0.582
15.00	-39.45	-38.07	0.00	-3,272.52	0.00	3,272.52	3,003.60	1,501.80	4,284.50	2,115.95	1.23	-0.77	0.557
20.00	-37.45	-37.13	0.00	-3,082.17	0.00	3,082.17	2,958.17	1,479.08	4,123.27	2,036.33	2.18	-1.02	0.533
25.00	-35.48	-36.13	0.00	-2,896.54	0.00	2,896.54	2,911.70	1,455.85	3,963.58	1,957.46	3.38	-1.27	0.508
30.00	-33.59	-35.03	0.00	-2,715.92	0.00	2,715.92	2,864.18	1,432.09	3,805.55	1,879.42	4.84	-1.51	0.484
31.50	-32.98	-34.74	0.00	-2,663.36	0.00	2,663.36	2,849.72	1,424.86	3,758.46	1,856.16	5.33	-1.58	0.477
35.00	-31.32	-34.10	0.00	-2,541.78	0.00	2,541.78	2,805.48	1,402.74	3,636.10	1,795.73	6.55	-1.75	0.453
35.67	-30.95	-34.03	0.00	-2,519.03	0.00	2,519.03	2,231.07	1,115.54	2,951.42	1,457.59	6.80	-1.78	0.508
40.00	-29.37	-33.30	0.00	-2,371.57	0.00	2,371.57	2,201.95	1,100.98	2,850.70	1,407.85	8.51	-1.98	0.484
45.00	-27.58	-32.42	0.00	-2,205.08	0.00	2,205.08	2,167.39	1,083.69	2,735.30	1,350.86	10.71	-2.21	0.455
50.00	-25.81	-31.52	0.00	-2,042.99	0.00	2,042.99	2,131.78	1,065.89	2,620.87	1,294.35	13.15	-2.44	0.427
55.00	-24.11	-30.57	0.00	-1,885.38	0.00	1,885.38	2,095.13	1,047.56	2,507.52	1,238.37	15.82	-2.65	0.399
56.00	-23.65	-29.62	0.00	-1,853.22	0.00	1,853.22	2,087.67	1,043.84	2,484.99	1,227.24	16.38	-2.70	0.393
60.00	-22.27	-28.89	0.00	-1,734.74	0.00	1,734.74	2,057.44	1,028.72	2,395.35	1,182.97	18.72	-2.87	0.371
60.00	-22.27	-28.89	0.00	-1,734.74	0.00	1,734.74	2,057.44	1,028.72	2,395.35	1,182.97	18.72	-2.87	0.710
65.00	-20.86	-28.01	0.00	-1,590.28	0.00	1,590.28	2,018.71	1,009.36	2,284.46	1,128.21	21.83	-3.07	0.669
70.00	-19.52	-27.08	0.00	-1,450.23	0.00	1,450.23	1,978.94	989.47	2,174.96	1,074.13	25.25	-3.45	0.627
70.00	-19.46	-27.13	0.00	-1,450.22	0.00	1,450.22	1,978.94	989.47	2,174.95	1,074.12	25.25	-3.45	0.627
73.50	-18.27	-26.47	0.00	-1,355.28	0.00	1,355.28	1,462.64	731.32	1,612.09	796.15	27.88	-3.71	0.699
75.00	-17.82	-26.25	0.00	-1,315.58	0.00	1,315.58	1,455.06	727.53	1,589.51	785.00	29.06	-3.82	0.684
80.00	-16.51	-25.36	0.00	-1,184.32	0.00	1,184.32	1,429.11	714.55	1,514.58	747.99	33.26	-4.20	0.630
85.00	-15.24	-24.46	0.00	-1,057.53	0.00	1,057.53	1,402.12	701.06	1,440.27	711.29	37.85	-4.56	0.576
90.00	-13.99	-23.55	0.00	-935.24	0.00	935.24	1,374.09	687.04	1,366.68	674.95	42.80	-4.90	0.522
95.00	-12.77	-22.63	0.00	-817.51	0.00	817.51	1,345.02	672.51	1,293.93	639.02	48.10	-5.22	0.468
100.00	-11.60	-21.69	0.00	-704.37	0.00	704.37	1,314.91	657.46	1,222.10	603.55	53.72	-5.52	0.414
103.00	-10.29	-19.69	0.00	-634.78	0.00	634.78	1,296.35	648.17	1,179.50	582.51	57.24	-5.69	0.379
105.00	-9.82	-19.34	0.00	-595.39	0.00	595.39	1,283.76	641.88	1,151.31	568.59	59.64	-5.79	0.359
110.00	-8.76	-18.40	0.00	-498.70	0.00	498.70	1,247.14	623.57	1,077.81	532.29	65.83	-6.04	0.310
110.00	-8.72	-18.41	0.00	-498.69	0.00	498.69	1,247.13	623.57	1,077.80	532.29	65.83	-6.04	0.310
110.00	-8.72	-18.41	0.00	-498.69	0.00	498.69	846.54	423.27	735.96	363.46	65.83	-6.04	0.375
115.00	-7.72	-17.49	0.00	-406.63	0.00	406.63	828.55	414.27	693.31	342.40	72.27	-6.26	0.312
118.00	-7.11	-16.51	0.00	-354.16	0.00	354.16	817.25	408.63	667.88	329.84	76.24	-6.39	0.275
120.00	-6.72	-16.15	0.00	-321.13	0.00	321.13	809.51	404.76	651.00	321.50	78.93	-6.47	0.251
121.00	-6.52	-15.98	0.00	-304.98	0.00	304.98	805.58	402.79	642.58	317.35	80.29	-6.51	0.240
121.00	-6.52	-15.98	0.00	-304.98	0.00	304.98	805.58	402.79	642.58	317.35	80.29	-6.51	0.971
125.00	-6.02	-15.29	0.00	-241.07	0.00	241.07	789.44	394.72	609.12	300.82	85.80	-6.65	0.811
126.00	-4.59	-11.86	0.00	-223.79	0.00	223.79	785.30	392.65	600.81	296.72	87.20	-6.78	0.761
130.00	-4.32	-11.27	0.00	-176.37	0.00	176.37	768.32	384.16	567.78	280.41	93.07	-7.24	0.635
135.00	-4.04	-10.54	0.00	-120.01	0.00	120.01	746.17	373.08	527.09	260.31	100.89	-7.71	0.467
140.00	-2.39	-6.77	0.00	-67.31	0.00	67.31	722.98	361.49	487.14	240.58	109.14	-8.05	0.283
144.00	-2.08	-5.61	0.00	-39.99	0.00	39.99	701.03	350.52	454.07	224.25	115.95	-8.23	0.182
145.00	-2.04	-5.49	0.00	-34.38	0.00	34.38	694.06	347.03	445.03	219.78	117.68	-8.27	0.160
150.00	0.00	-5.14	0.00	-6.92	0.00	6.92	659.19	329.60	401.19	198.13	126.37	-8.37	0.035

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

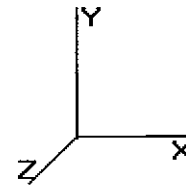
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.85	5.168	5.685	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	5.168	5.685	0.000	1.200	1.656	5.00	17.335	20.80	118.3	410.0	1,980.6
10.00		1.00	0.85	5.168	5.685	0.000	1.200	1.775	5.00	17.097	20.52	116.6	431.8	1,983.1
15.00		1.00	0.85	5.168	5.685	0.000	1.200	* 1.848	5.00	16.820	20.18	114.7	441.1	1,973.1
20.00		1.00	0.90	5.483	6.032	0.000	1.200	* 1.902	5.00	16.527	19.83	119.6	444.9	1,957.6
25.00		1.00	0.94	5.747	6.322	0.000	1.200	* 1.945	5.00	16.225	19.47	123.1	445.6	1,939.0
30.00		1.00	0.98	5.972	6.569	0.000	1.200	* 1.981	5.00	15.916	19.10	125.5	444.2	1,918.3
31.50	Bot - Section 2	1.00	0.99	6.034	6.637	0.000	1.200	* 1.991	1.50	4.712	5.65	37.5	133.1	571.6
35.00		1.00	1.01	6.169	6.786	0.000	1.200	* 2.012	3.50	11.075	13.29	90.2	314.6	1,797.8
35.67	Top - Section 1	1.00	1.01	6.194	6.813	0.000	1.200	* 2.016	0.67	2.092	2.51	17.1	59.9	340.6
40.00		1.00	1.04	6.345	6.979	0.000	1.200	* 2.039	4.33	13.463	16.16	112.8	386.0	1,530.4
45.00		1.00	1.07	6.504	7.155	0.000	1.200	* 2.063	5.00	15.240	18.29	130.8	440.6	1,746.1
50.00		1.00	1.09	6.650	7.315	0.000	1.200	* 2.085	5.00	14.921	17.90	131.0	434.9	1,724.4
55.00		1.00	1.11	6.785	7.463	0.000	1.200	* 2.105	5.00	14.599	17.52	130.8	428.7	1,702.0
56.00	Appertunance(s)	1.00	1.12	6.811	7.492	0.000	1.200	* 2.109	1.00	2.880	3.46	25.9	85.5	338.2
60.00	Reinf. Top	1.00	1.13	6.910	7.601	0.000	1.200	* 2.123	4.00	11.394	13.67	103.9	337.5	1,342.0
65.00		1.00	1.15	7.028	7.731	0.000	1.200	* 2.140	5.00	13.953	16.74	129.4	414.6	1,321.8
70.00		1.00	1.17	7.138	7.852	0.000	1.200	* 2.156	5.00	13.628	16.35	128.4	407.0	1,298.0
70.00	Bot - Section 3	1.00	1.17	7.138	7.852	0.000	1.200	* 2.156	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	1.18	7.212	7.933	0.000	1.200	* 2.167	3.50	9.496	11.39	90.4	285.9	1,210.8
75.00		1.00	1.19	7.243	7.967	0.000	1.200	* 2.171	1.50	4.019	4.82	38.4	121.8	353.2
80.00		1.00	1.20	7.342	8.076	0.000	1.200	* 2.185	5.00	13.192	15.83	127.8	397.7	1,160.9
85.00		1.00	1.22	7.436	8.180	0.000	1.200	* 2.198	5.00	12.865	15.44	126.3	389.2	1,139.4
90.00		1.00	1.23	7.526	8.279	0.000	1.200	* 2.211	5.00	12.538	15.05	124.6	380.3	1,117.7
95.00		1.00	1.25	7.612	8.374	0.000	1.200	* 2.223	5.00	12.210	14.65	122.7	371.3	1,095.8
100.0		1.00	1.26	7.695	8.464	0.000	1.200	* 2.234	5.00	11.881	14.26	120.7	362.0	1,073.6
103.0	Appertunance(s)	1.00	1.27	7.743	8.517	0.000	1.200	* 2.241	3.00	6.970	8.36	71.2	213.8	634.6
105.0		1.00	1.27	7.774	8.552	0.000	1.200	* 2.245	2.00	4.580	5.50	47.0	141.0	419.0
110.0		1.00	1.29	7.851	8.636	0.000	1.200	* 2.256	5.00	11.223	13.47	116.3	342.9	1,028.7
110.0	Top - Section 3	1.00	1.29	7.851	8.636	0.000	1.200	* 2.256	0.00	0.001	0.00	0.0	0.0	0.1
115.0		1.00	1.30	7.925	8.717	0.000	1.200	* 2.266	5.00	10.893	13.07	113.9	333.0	922.0
118.0	Appertunance(s)	1.00	1.31	7.968	8.765	0.000	1.200	* 2.272	3.00	6.377	7.65	67.1	196.2	545.0
120.0		1.00	1.31	7.996	8.796	0.000	1.200	* 2.276	2.00	4.185	5.02	44.2	129.2	359.8
121.0	Reinf. Top	1.00	1.31	8.010	8.811	0.000	1.200	* 2.277	1.00	2.072	2.49	21.9	64.2	178.9
125.0		1.00	1.32	8.065	8.872	0.000	1.200	* 2.285	4.00	8.160	9.79	86.9	250.3	438.1
126.0	Appertunance(s)	1.00	1.32	8.079	8.886	0.000	1.200	* 2.287	1.00	2.006	2.41	21.4	62.2	108.1
130.0		1.00	1.33	8.132	8.945	0.000	1.200	* 2.294	4.00	7.895	9.47	84.7	242.1	422.1
135.0		1.00	1.34	8.197	9.016	0.000	1.200	* 2.303	5.00	9.572	11.49	103.6	292.2	508.5
140.0	Appertunance(s)	1.00	1.35	8.260	9.086	0.000	1.200	* 2.311	5.00	9.241	11.09	100.8	281.6	488.3
144.0	Appertunance(s)	1.00	1.36	8.309	9.140	0.000	1.200	* 2.317	4.00	7.154	8.58	78.5	218.5	376.9
145.0		1.00	1.36	8.321	9.153	0.000	1.200	* 2.319	1.00	1.755	2.11	19.3	54.2	92.8
150.0	Appertunance(s)	1.00	1.37	8.381	9.219	0.000	1.200	* 2.327	5.00	8.579	10.29	94.9	260.2	447.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:	150.00			3,578.2	11,449.5	39,586.8

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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	25 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			

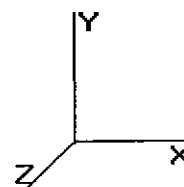
Discrete Appurtenance Segment Forces (Factored)

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)
56.00	Channel Master Type	1	6.861	7.547	0.90	1.00	21.45	0.000	2.000	161.90	0.00	323.79	341.20
103.0	24" x 24" Junction	1	7.790	8.569	0.60	0.80	3.57	0.000	3.000	30.56	0.00	91.67	202.82
103.0	Argus LLPX310R	3	7.805	8.586	0.50	0.80	8.14	0.000	4.000	69.86	0.00	279.46	547.06
103.0	DragonWave A-ANT-	2	7.836	8.619	0.72	0.80	9.11	0.000	6.000	78.56	0.00	471.38	369.60
103.0	DragonWave Horizon	2	7.836	8.619	0.26	0.80	0.40	0.000	6.000	3.49	0.00	20.94	112.13
103.0	NextNet BTS-2500	3	7.805	8.586	0.40	0.80	3.10	0.000	4.000	26.60	0.00	106.38	367.49
103.0	Side Arms	1	7.743	8.517	0.90	1.00	15.88	0.000	0.000	135.25	0.00	0.00	1,834.41
118.0	RFS APXV18-206517S-	3	7.925	8.717	0.54	0.80	11.12	0.000	-3.000	96.90	0.00	-290.69	596.40
126.0	Alcatel-Lucent RRH2x	3	8.092	8.901	0.40	0.80	3.64	0.000	1.000	32.37	0.00	32.37	471.38
126.0	Antel BXA-171085-12C	3	8.092	8.901	0.58	0.80	11.13	0.000	1.000	99.03	0.00	99.03	570.73
126.0	Antel BXA-171085-8BF	3	8.092	8.901	0.57	0.80	7.00	0.000	1.000	62.31	0.00	62.31	397.42
126.0	Antel BXA-70063-4CF-	3	8.092	8.901	0.51	0.80	9.21	0.000	1.000	81.95	0.00	81.95	543.41
126.0	Antel BXA-80080-6CF-	3	8.092	8.901	0.58	0.80	12.99	0.000	1.000	115.62	0.00	115.62	706.55
126.0	RFS DB-T1-6Z-8AB-0Z	1	8.092	8.901	0.72	0.80	4.30	0.000	1.000	38.25	0.00	38.25	251.73
126.0	RFS FD9R6004/2C-3L	6	8.092	8.901	0.26	0.80	1.09	0.000	1.000	9.72	0.00	9.72	143.38
126.0	Round Low Profile PI	1	8.079	8.886	1.00	1.00	46.91	0.000	0.000	416.84	0.00	0.00	2,450.67
140.0	Ericsson AIR 21, 1.3	3	8.260	9.086	0.69	1.00	15.60	0.000	0.000	141.71	0.00	0.00	1,013.10
140.0	Ericsson AIR 21, 1.3	3	8.260	9.086	0.69	1.00	15.69	0.000	0.000	142.56	0.00	0.00	1,007.51
140.0	Ericsson KRY 112 144	3	8.260	9.086	0.33	1.00	0.74	0.000	0.000	6.76	0.00	0.00	116.85
140.0	Flat Low Profile Pla	1	8.260	9.086	1.00	1.00	51.43	0.000	0.000	467.31	0.00	0.00	2,459.68
144.0	Diamond X50A	2	8.343	9.177	0.75	1.00	4.39	0.000	2.800	40.32	0.00	112.91	193.07
144.0	Flat Side Arm	2	8.309	9.140	0.80	1.00	15.31	0.000	0.000	139.96	0.00	0.00	394.67
150.0	ADC DD1900	6	8.404	9.244	0.25	0.75	2.55	0.000	2.000	23.55	0.00	47.10	389.09
150.0	Allgon 7770.00	6	8.404	9.244	0.48	0.75	20.00	0.000	2.000	184.93	0.00	369.86	1,415.97
150.0	Andrew SBNH-	1	8.404	9.244	0.52	0.75	7.18	0.000	2.000	66.38	0.00	132.76	446.07
150.0	Decibel DB809KE-SY	1	8.518	9.369	1.00	1.00	7.87	0.000	12.000	73.74	0.00	884.91	258.56
150.0	Ericsson RRUS 11 (Ba	6	8.404	9.244	0.50	1.00	10.22	0.000	2.000	94.51	0.00	189.01	1,092.01
150.0	Flat Platform w/ Han	1	8.381	9.219	0.90	1.00	63.38	0.000	0.000	584.27	0.00	0.00	3,848.78
150.0	Powerwave LGP13519	6	8.404	9.244	0.25	0.75	1.00	0.000	2.000	9.26	0.00	18.52	182.65
150.0	Powerwave P65-16-	2	8.404	9.244	0.56	0.75	11.14	0.000	2.000	102.96	0.00	205.93	672.72
150.0	Raycap DC6-48-60-18-	1	8.404	9.244	0.33	1.00	0.72	0.000	2.000	6.65	0.00	13.30	171.60
										3,544.07			

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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	25 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		

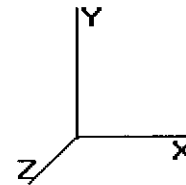
Linear Appurtenance Segment Forces (Factored)

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)
5.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.000	0.000	0.00	492.39
10.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.000	0.000	0.00	499.50
15.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	24.16
15.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	39.67
15.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.37	2.84	5.168	0.613	0.000	16.14	41.66
15.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.19	3.83	5.168	0.613	0.000	21.76	187.17
15.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	1.80	2.16	5.168	0.613	0.000	12.30	32.06
15.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	38.93
15.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.02	4.82	5.168	0.613	0.000	27.39	145.60
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.37	2.84	5.168	0.613	0.000	16.14	270.32
15.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	43.36
15.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	503.98
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	145.60
15.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	43.24
15.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	103.06
15.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	36.32
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.168	0.613	0.000	0.00	26.46
15.00	(4) Dywidag	Yes	5.00	2.000	8.00	4.87	9.75	5.168	0.613	0.000	55.41	20.87
20.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	25.47
20.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	41.23
20.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.41	2.89	5.483	0.627	0.000	17.45	43.31
20.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.24	3.88	5.483	0.627	0.000	23.42	191.73
20.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	1.85	2.22	5.483	0.627	0.000	13.37	33.56
20.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	40.49
20.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.06	4.87	5.483	0.627	0.000	29.39	149.32
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.41	2.89	5.483	0.627	0.000	17.45	276.54
20.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	44.93
20.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	507.31
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	149.32
20.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	45.01
20.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	105.28
20.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	37.96
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.483	0.627	0.000	0.00	27.83
20.00	(4) Dywidag	Yes	5.00	2.000	8.00	4.92	9.84	5.483	0.627	0.000	59.34	22.11
25.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	26.55
25.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	42.50
25.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.45	2.94	5.747	0.642	0.000	18.56	44.65
25.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.27	3.93	5.747	0.642	0.000	24.82	195.38
25.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	1.88	2.26	5.747	0.642	0.000	14.29	34.78
25.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	41.75
25.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.10	4.92	5.747	0.642	0.000	31.07	152.32
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.45	2.94	5.747	0.642	0.000	18.56	281.52
25.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	46.21
25.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	509.99
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	152.32
25.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	46.44
25.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	107.08
25.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	39.28
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.747	0.642	0.000	0.00	28.95
25.00	(4) Dywidag	Yes	5.00	2.000	8.00	4.95	9.91	5.747	0.642	0.000	62.64	23.11
30.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	27.46

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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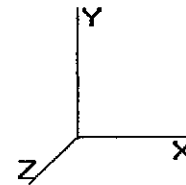
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

30.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	43.58
30.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.48	2.97	5.972	0.657	0.000	19.52	45.78
30.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.30	3.96	5.972	0.657	0.000	26.02	198.45
30.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	1.91	2.30	5.972	0.657	0.000	15.08	35.81
30.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	42.83
30.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.13	4.95	5.972	0.657	0.000	32.52	154.83
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.48	2.97	5.972	0.657	0.000	19.52	285.68
30.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	47.30
30.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	512.24
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	154.83
30.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	47.65
30.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	108.59
30.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	40.40
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	5.972	0.657	0.000	0.00	29.89
30.00	(4) Dywidag	Yes	5.00	2.000	8.00	4.98	9.97	5.972	0.657	0.000	65.49	23.97
31.50	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	8.32
31.50	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	13.16
31.50	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.75	0.89	6.034	0.667	0.000	5.94	13.83
31.50	(8) 1 5/8" Coax	Yes	1.50	1.200	3.96	0.99	1.19	6.034	0.667	0.000	7.91	59.80
31.50	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.58	0.69	6.034	0.667	0.000	4.59	10.83
31.50	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	12.94
31.50	(6) 1 5/8" Coax	Yes	1.50	1.200	5.94	1.24	1.49	6.034	0.667	0.000	9.88	46.66
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.75	0.89	6.034	0.667	0.000	5.94	86.06
31.50	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	14.28
31.50	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	153.89
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	46.66
31.50	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	14.40
31.50	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	32.71
31.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	12.22
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.034	0.667	0.000	0.00	9.05
31.50	(4) Dywidag	Yes	1.50	2.000	8.00	1.50	3.00	6.034	0.667	0.000	19.89	7.26
35.00	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	19.78
35.00	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	31.16
35.00	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	1.75	2.10	6.169	0.449	0.000	14.26	32.74
35.00	(8) 1 5/8" Coax	Yes	3.50	1.200	3.96	2.33	2.79	6.169	0.449	0.000	18.96	140.75
35.00	(2) 1/2" Coax	Yes	3.50	1.200	0.63	1.36	1.63	6.169	0.449	0.000	11.05	25.70
35.00	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	30.63
35.00	(6) 1 5/8" Coax	Yes	3.50	1.200	5.94	2.91	3.49	6.169	0.449	0.000	23.66	109.89
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	1.75	2.10	6.169	0.449	0.000	14.26	202.48
35.00	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	33.77
35.00	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	359.90
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	109.89
35.00	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	34.09
35.00	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	76.93
35.00	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	28.96
35.00	(1) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	6.169	0.449	0.000	0.00	21.50
35.00	(4) Dywidag	Yes	0.20	2.000	8.00	0.20	0.40	6.169	0.449	0.000	2.72	0.99
35.67	(1) 0.39" Cable	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	3.78
35.67	(2) 0.78" 8 AWG 6	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	5.95
35.67	(1) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.33	0.40	6.194	0.440	0.000	2.73	6.26
35.67	(8) 1 5/8" Coax	Yes	0.67	1.200	3.96	0.44	0.53	6.194	0.440	0.000	3.63	26.87
35.67	(2) 1/2" Coax	Yes	0.67	1.200	0.63	0.26	0.31	6.194	0.440	0.000	2.12	4.91
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	5.85
35.67	(6) 1 5/8" Coax	Yes	0.67	1.200	5.94	0.55	0.67	6.194	0.440	0.000	4.53	20.98
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.33	0.40	6.194	0.440	0.000	2.73	38.65
35.67	(1) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	6.45
35.67	(4) #20 Dywidag bars	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	68.63

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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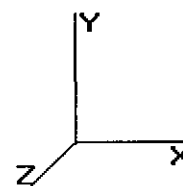
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	20.98
35.67	(4) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	6.51
35.67	(2) 2" Cond.	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	14.68
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	5.54
35.67	(1) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.194	0.440	0.000	0.00	4.11
40.00	(1) 0.39" Cable	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	25.10
40.00	(2) 0.78" 8 AWG 6	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	39.30
40.00	(1) 1 5/8" Coax	Yes	4.33	1.200	1.98	2.19	2.62	6.345	0.436	0.000	18.32	41.29
40.00	(8) 1 5/8" Coax	Yes	4.33	1.200	3.96	2.90	3.48	6.345	0.436	0.000	24.31	176.29
40.00	(2) 1/2" Coax	Yes	4.33	1.200	0.63	1.70	2.04	6.345	0.436	0.000	14.24	32.51
40.00	(1) 1 1/4" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	38.64
40.00	(6) 1 5/8" Coax	Yes	4.33	1.200	5.94	3.62	4.34	6.345	0.436	0.000	30.30	137.72
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	2.19	2.62	6.345	0.436	0.000	18.32	253.43
40.00	(1) 1 5/8" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	42.54
40.00	(4) #20 Dywidag bars	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	447.09
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	137.72
40.00	(4) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	43.01
40.00	(2) 2" Cond.	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	96.25
40.00	(6) 5/16" Coax	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	36.61
40.00	(1) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	6.345	0.436	0.000	0.00	27.26
45.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	29.61
45.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	46.10
45.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.54	3.05	6.504	0.447	0.000	21.84	48.44
45.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.37	4.04	6.504	0.447	0.000	28.93	205.52
45.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	1.98	2.38	6.504	0.447	0.000	17.01	38.24
45.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	45.34
45.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.19	5.03	6.504	0.447	0.000	36.01	160.64
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.54	3.05	6.504	0.447	0.000	21.84	295.28
45.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	49.84
45.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	517.46
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	160.64
45.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	50.47
45.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	112.11
45.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	43.03
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.504	0.447	0.000	0.00	32.12
50.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	30.20
50.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	46.79
50.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.56	3.07	6.650	0.458	0.000	22.49	49.16
50.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.39	4.06	6.650	0.458	0.000	29.74	207.42
50.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.00	2.40	6.650	0.458	0.000	17.56	38.90
50.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	46.03
50.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.21	5.05	6.650	0.458	0.000	36.98	162.20
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.56	3.07	6.650	0.458	0.000	22.49	297.86
50.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	50.54
50.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	518.86
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	162.20
50.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	51.24
50.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	113.07
50.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	43.74
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.650	0.458	0.000	0.00	32.73
55.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	30.74
55.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	47.42
55.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.58	3.09	6.785	0.470	0.000	23.10	49.83
55.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.40	4.08	6.785	0.470	0.000	30.49	209.16
55.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.02	2.42	6.785	0.470	0.000	18.06	39.51
55.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	46.66
55.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.23	5.07	6.785	0.470	0.000	37.88	163.64

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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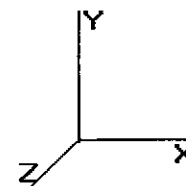
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.58	3.09	6.785	0.470	0.000	23.10	300.21
55.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	51.17
55.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	520.15
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	163.64
55.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	51.95
55.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	113.94
55.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	44.40
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	6.785	0.470	0.000	0.00	33.29
56.00	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	6.17
56.00	(2) 0.78" 8 AWG6	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	9.51
56.00	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.52	0.62	6.811	0.478	0.000	4.64	9.99
56.00	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.68	0.82	6.811	0.478	0.000	6.13	41.90
56.00	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.40	0.48	6.811	0.478	0.000	3.63	7.92
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	9.36
56.00	(6) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.85	1.02	6.811	0.478	0.000	7.61	32.78
56.00	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.52	0.62	6.811	0.478	0.000	4.64	60.13
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	10.26
56.00	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	104.08
56.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	32.78
56.00	(4) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	10.42
56.00	(2) 2" Cond.	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	22.82
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	8.91
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.811	0.478	0.000	0.00	6.68
60.00	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	24.99
60.00	(2) 0.78" 8 AWG6	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	38.41
60.00	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	2.08	2.49	6.910	0.484	0.000	18.93	40.35
60.00	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	2.74	3.28	6.910	0.484	0.000	24.95	168.62
60.00	(2) 1/2" Coax	Yes	4.00	1.200	0.63	1.63	1.95	6.910	0.484	0.000	14.83	32.06
60.00	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	37.79
60.00	(6) 1 5/8" Coax	Yes	4.00	1.200	5.94	3.40	4.07	6.910	0.484	0.000	30.97	131.97
60.00	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	2.08	2.49	6.910	0.484	0.000	18.93	241.91
60.00	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	41.41
60.00	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	417.07
60.00	(6) 1 5/8" Coax	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	131.97
60.00	(4) 1/2" Coax	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	42.08
60.00	(2) 2" Cond.	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	91.80
60.00	(6) 5/16" Coax	Yes	4.00	0.000	0.00	0.00	0.00	6.910	0.484	0.000	0.00	36.01
65.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	31.71
65.00	(2) 0.78" 8 AWG6	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	48.55
65.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.61	3.13	7.028	0.496	0.000	24.20	51.02
65.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.43	4.12	7.028	0.496	0.000	31.85	212.27
65.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.05	2.46	7.028	0.496	0.000	18.98	40.60
65.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	47.79
65.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.26	5.11	7.028	0.496	0.000	39.51	166.20
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.61	3.13	7.028	0.496	0.000	24.20	304.41
65.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	52.32
65.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	522.45
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	166.20
65.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	53.22
65.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	115.51
65.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.028	0.496	0.000	0.00	45.58
70.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	32.15
70.00	(2) 0.78" 8 AWG6	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	49.07
70.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.62	3.15	7.138	0.510	0.000	24.70	51.56
70.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.45	4.14	7.138	0.510	0.000	32.48	213.66
70.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.06	2.47	7.138	0.510	0.000	19.40	41.10
70.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	48.30

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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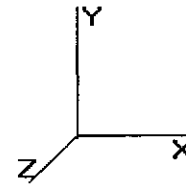
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor: 1.10	Ice Dead Load Factor: 1.00	Wind Importance Factor: 1.00
Dead Load Factor: 1.20		Ice Importance Factor: 1.00
Wind Load Factor: 1.00		

70.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.27	5.13	7.138	0.510	0.000	40.25	167.35
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.62	3.15	7.138	0.510	0.000	24.70	306.30
70.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	52.84
70.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	523.48
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	167.35
70.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	53.79
70.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	116.22
70.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.138	0.510	0.000	0.00	46.12
70.00	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(8) 1 5/8" Coax	Yes	0.00	1.200	3.96	0.00	0.00	7.138	0.518	0.000	0.00	0.01
70.00	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	1.200	5.94	0.00	0.00	7.138	0.518	0.000	0.00	0.01
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	7.138	0.518	0.000	0.00	0.02
70.00	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.04
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.01
70.00	(4) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.00
70.00	(2) 2" Cond.	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.01
70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.138	0.518	0.000	0.00	0.00
73.50	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	22.71
73.50	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	34.59
73.50	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	1.84	2.21	7.212	0.523	0.000	17.53	36.34
73.50	(8) 1 5/8" Coax	Yes	3.50	1.200	3.96	2.42	2.90	7.212	0.523	0.000	23.03	150.21
73.50	(2) 1/2" Coax	Yes	3.50	1.200	0.63	1.45	1.74	7.212	0.523	0.000	13.78	29.00
73.50	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	34.05
73.50	(6) 1 5/8" Coax	Yes	3.50	1.200	5.94	3.00	3.60	7.212	0.523	0.000	28.53	117.68
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	1.84	2.21	7.212	0.523	0.000	17.53	215.28
73.50	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	37.23
73.50	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	366.92
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	117.68
73.50	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	37.92
73.50	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	81.68
73.50	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	7.212	0.523	0.000	0.00	32.53
75.00	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	9.77
75.00	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	14.86
75.00	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.79	0.95	7.243	0.521	0.000	7.55	15.62
75.00	(8) 1 5/8" Coax	Yes	1.50	1.200	3.96	1.04	1.25	7.243	0.521	0.000	9.92	64.48
75.00	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.62	0.75	7.243	0.521	0.000	5.94	12.47
75.00	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	14.63
75.00	(6) 1 5/8" Coax	Yes	1.50	1.200	5.94	1.28	1.54	7.243	0.521	0.000	12.29	50.52
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.79	0.95	7.243	0.521	0.000	7.55	92.40
75.00	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	15.99
75.00	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	157.30
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	50.52
75.00	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	16.30
75.00	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	35.06
75.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.243	0.521	0.000	0.00	13.98
80.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	32.97
80.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	50.01
80.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.65	3.18	7.342	0.531	0.000	25.64	52.55
80.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.47	4.17	7.342	0.531	0.000	33.64	216.22
80.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.08	2.50	7.342	0.531	0.000	20.19	42.01
80.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	49.25
80.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.30	5.16	7.342	0.531	0.000	41.63	169.46

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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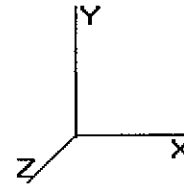
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.65	3.18	7.342	0.531	0.000	25.64	309.74
80.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	53.79
80.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	525.38
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	169.46
80.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	54.84
80.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	117.52
80.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.342	0.531	0.000	0.00	47.10
85.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	33.34
85.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	50.45
85.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.66	3.19	7.436	0.547	0.000	26.08	53.01
85.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.48	4.18	7.436	0.547	0.000	34.18	217.39
85.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.09	2.51	7.436	0.547	0.000	20.56	42.43
85.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	49.68
85.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.31	5.17	7.436	0.547	0.000	42.28	170.43
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.66	3.19	7.436	0.547	0.000	26.08	311.33
85.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	54.23
85.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	526.25
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	170.43
85.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	55.33
85.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	118.12
85.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.436	0.547	0.000	0.00	47.55
90.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	33.70
90.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	50.87
90.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.67	3.20	7.526	0.565	0.000	26.50	53.44
90.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.49	4.19	7.526	0.565	0.000	34.70	218.51
90.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.11	2.53	7.526	0.565	0.000	20.91	42.83
90.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	50.10
90.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.32	5.18	7.526	0.565	0.000	42.89	171.35
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.67	3.20	7.526	0.565	0.000	26.50	312.83
90.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	54.65
90.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	527.08
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	171.35
90.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	55.79
90.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	118.69
90.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.526	0.565	0.000	0.00	47.98
95.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	34.04
95.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	51.26
95.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.68	3.21	7.612	0.583	0.000	26.90	53.86
95.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.50	4.20	7.612	0.583	0.000	35.19	219.57
95.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.12	2.54	7.612	0.583	0.000	21.25	43.21
95.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	50.49
95.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.33	5.19	7.612	0.583	0.000	43.48	172.23
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.68	3.21	7.612	0.583	0.000	26.90	314.26
95.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	55.05
95.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	527.87
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	172.23
95.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	56.23
95.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	119.23
95.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.612	0.583	0.000	0.00	48.40
100.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	34.37
100.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	51.64
100.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.69	3.22	7.695	0.603	0.000	27.29	54.26
100.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.51	4.21	7.695	0.603	0.000	35.67	220.59
100.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.12	2.55	7.695	0.603	0.000	21.58	43.58
100.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	50.87
100.0	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.34	5.20	7.695	0.603	0.000	44.05	173.07
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.69	3.22	7.695	0.603	0.000	27.29	315.63

Pole : 302489
 Location : Enfld - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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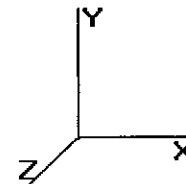
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

100.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	55.43
100.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	528.63
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	173.07
100.0	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	56.66
100.0	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	119.75
100.0	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.695	0.603	0.000	0.00	48.79
103.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	20.74
103.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	31.12
103.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	1.62	1.94	7.743	0.619	0.000	16.51	32.70
103.0	(8) 1 5/8" Coax	Yes	3.00	1.200	3.96	2.11	2.53	7.743	0.619	0.000	21.57	132.71
103.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	1.28	1.53	7.743	0.619	0.000	13.06	26.28
103.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	30.66
103.0	(6) 1 5/8" Coax	Yes	3.00	1.200	5.94	2.61	3.13	7.743	0.619	0.000	26.63	104.13
103.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	1.62	1.94	7.743	0.619	0.000	16.51	189.85
103.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	33.39
103.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	317.44
103.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	104.13
103.0	(4) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	34.14
103.0	(2) 2" Cond.	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	72.03
103.0	(6) 5/16" Coax	Yes	3.00	0.000	0.00	0.00	0.00	7.743	0.619	0.000	0.00	29.41
105.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	7.774	0.630	0.000	0.00	13.88
105.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	7.774	0.630	0.000	0.00	20.80
105.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	1.08	1.29	7.774	0.630	0.000	11.07	21.86
105.0	(8) 1 5/8" Coax	Yes	2.00	1.200	3.96	1.41	1.69	7.774	0.630	0.000	14.45	88.62
105.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.85	1.02	7.774	0.630	0.000	8.76	17.57
105.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	7.774	0.630	0.000	0.00	20.49
105.0	(6) 1 5/8" Coax	Yes	2.00	1.200	5.94	1.74	2.09	7.774	0.630	0.000	17.84	69.55
105.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	1.08	1.29	7.774	0.630	0.000	11.07	126.78
105.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	7.774	0.630	0.000	0.00	22.32
105.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	7.774	0.630	0.000	0.00	211.74
105.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.774	0.630	0.000	0.00	69.55
110.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.851	0.646	0.000	0.00	34.99
110.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.851	0.646	0.000	0.00	52.36
110.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.70	3.25	7.851	0.646	0.000	28.03	55.01
110.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.53	4.24	7.851	0.646	0.000	36.58	222.49
110.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.14	2.57	7.851	0.646	0.000	22.20	44.27
110.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.851	0.646	0.000	0.00	51.59
110.0	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.35	5.23	7.851	0.646	0.000	45.13	174.64
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.70	3.25	7.851	0.646	0.000	28.03	318.20
110.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.851	0.646	0.000	0.00	56.16
110.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.851	0.646	0.000	0.00	530.05
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.851	0.646	0.000	0.00	174.64
110.0	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	7.851	0.658	0.000	0.00	0.00
110.0	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	7.851	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	7.851	0.658	0.000	0.00	0.00
110.0	(8) 1 5/8" Coax	Yes	0.00	1.200	3.96	0.00	0.00	7.851	0.658	0.000	0.00	0.01
110.0	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	7.851	0.658	0.000	0.00	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	7.851	0.658	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	1.200	5.94	0.00	0.00	7.851	0.658	0.000	0.00	0.01
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	7.851	0.658	0.000	0.00	0.02
110.0	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	7.851	0.658	0.000	0.00	0.00
110.0	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	7.851	0.658	0.000	0.00	0.04
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.851	0.658	0.000	0.00	0.01
115.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.925	0.670	0.000	0.00	35.28
115.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.925	0.670	0.000	0.00	52.70
115.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.71	3.26	7.925	0.670	0.000	28.38	55.36
115.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.54	4.25	7.925	0.670	0.000	37.01	223.37

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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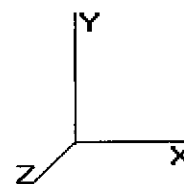
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

115.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.15	2.58	7.925	0.670	0.000	22.50	44.59
115.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.925	0.670	0.000	0.00	51.92
115.0	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.36	5.24	7.925	0.670	0.000	45.64	175.37
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.71	3.26	7.925	0.670	0.000	28.38	319.38
115.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.925	0.670	0.000	0.00	56.49
115.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.925	0.670	0.000	0.00	530.68
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.925	0.670	0.000	0.00	175.37
118.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	7.968	0.691	0.000	0.00	21.27
118.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	7.968	0.691	0.000	0.00	31.74
118.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	1.63	1.96	7.968	0.691	0.000	17.15	33.34
118.0	(8) 1 5/8" Coax	Yes	3.00	1.200	3.96	2.13	2.55	7.968	0.691	0.000	22.36	134.35
118.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	1.29	1.55	7.968	0.691	0.000	13.60	26.87
118.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	7.968	0.691	0.000	0.00	31.27
118.0	(6) 1 5/8" Coax	Yes	3.00	1.200	5.94	2.62	3.15	7.968	0.691	0.000	27.57	105.49
118.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	1.63	1.96	7.968	0.691	0.000	17.15	192.06
118.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	7.968	0.691	0.000	0.00	34.02
118.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	7.968	0.691	0.000	0.00	318.66
118.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	7.968	0.691	0.000	0.00	105.49
120.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	7.996	0.705	0.000	0.00	14.23
120.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	7.996	0.705	0.000	0.00	21.21
120.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	1.09	1.31	7.996	0.705	0.000	11.49	22.28
120.0	(8) 1 5/8" Coax	Yes	2.00	1.200	3.96	1.42	1.70	7.996	0.705	0.000	14.97	89.70
120.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.86	1.04	7.996	0.705	0.000	9.11	17.97
120.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	7.996	0.705	0.000	0.00	20.90
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	5.94	1.75	2.10	7.996	0.705	0.000	18.46	70.44
120.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	1.09	1.31	7.996	0.705	0.000	11.49	128.22
120.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	7.996	0.705	0.000	0.00	22.73
120.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	7.996	0.705	0.000	0.00	212.54
121.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	8.010	0.713	0.000	0.00	7.12
121.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	8.010	0.713	0.000	0.00	10.62
121.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.54	0.65	8.010	0.713	0.000	5.76	11.16
121.0	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	8.010	0.713	0.000	7.50	44.88
121.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.43	0.52	8.010	0.713	0.000	4.57	8.99
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.010	0.713	0.000	0.00	10.46
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.87	1.05	8.010	0.713	0.000	9.25	35.25
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.54	0.65	8.010	0.713	0.000	5.76	64.16
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.010	0.713	0.000	0.00	11.38
121.0	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	8.010	0.713	0.000	0.00	106.30
125.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	8.065	0.728	0.000	0.00	28.67
125.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	8.065	0.728	0.000	0.00	42.67
125.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	2.18	2.62	8.065	0.728	0.000	23.24	44.83
125.0	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	2.84	3.41	8.065	0.728	0.000	30.27	180.07
125.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	1.73	2.08	8.065	0.728	0.000	18.45	36.17
125.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	8.065	0.728	0.000	0.00	42.05
125.0	(6) 1 5/8" Coax	Yes	4.00	1.200	5.94	3.50	4.20	8.065	0.728	0.000	37.30	141.43
125.0	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	2.18	2.62	8.065	0.728	0.000	23.24	257.35
125.0	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	8.065	0.728	0.000	0.00	45.72
125.0	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	8.065	0.728	0.000	0.00	425.58
126.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	8.079	0.743	0.000	0.00	7.18
126.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	8.079	0.743	0.000	0.00	10.68
126.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.55	0.66	8.079	0.743	0.000	5.82	11.22
126.0	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.71	0.85	8.079	0.743	0.000	7.58	45.05
126.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.43	0.52	8.079	0.743	0.000	4.62	9.06
126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.079	0.743	0.000	0.00	10.53
126.0	(6) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.88	1.05	8.079	0.743	0.000	9.34	35.38
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.55	0.66	8.079	0.743	0.000	5.82	64.38
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.079	0.743	0.000	0.00	11.44

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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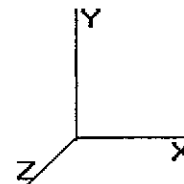
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	25 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

126.0	(4) #20 Dywidag bars	Yes	0.51	0.000	0.00	0.00	0.00	8.079	0.743	0.000	0.00	54.27
130.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	8.132	0.655	0.000	0.00	28.88
130.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	8.132	0.655	0.000	0.00	42.92
130.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	2.19	2.63	8.132	0.655	0.000	23.50	45.09
130.0	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	2.85	3.42	8.132	0.655	0.000	30.58	180.71
130.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	1.74	2.09	8.132	0.655	0.000	18.67	36.41
130.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	8.132	0.655	0.000	0.00	42.30
130.0	(6) 1 5/8" Coax	Yes	4.00	1.200	5.94	3.51	4.21	8.132	0.655	0.000	37.67	141.96
135.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	8.197	0.681	0.000	0.00	36.36
135.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	8.197	0.681	0.000	0.00	53.94
135.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.74	3.29	8.197	0.681	0.000	29.69	56.67
135.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.57	4.28	8.197	0.681	0.000	38.61	226.67
135.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.18	2.62	8.197	0.681	0.000	23.60	45.80
135.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	8.197	0.681	0.000	0.00	53.17
135.0	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.39	5.27	8.197	0.681	0.000	47.54	178.10
140.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	8.260	0.713	0.000	0.00	36.61
140.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	8.260	0.713	0.000	0.00	54.23
140.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.75	3.30	8.260	0.713	0.000	29.99	56.97
140.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.58	4.29	8.260	0.713	0.000	38.99	227.42
140.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	2.19	2.63	8.260	0.713	0.000	23.86	46.08
140.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	8.260	0.713	0.000	0.00	53.45
140.0	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	4.40	5.28	8.260	0.713	0.000	47.98	178.72
144.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	8.309	0.390	0.000	0.00	29.44
144.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	8.309	0.390	0.000	0.00	43.56
144.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	2.20	2.65	8.309	0.390	0.000	24.18	45.77
144.0	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	2.86	3.44	8.309	0.390	0.000	31.42	182.41
144.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	1.75	2.11	8.309	0.390	0.000	19.25	37.03
145.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.362	0.000	0.00	7.37
145.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.362	0.000	0.00	10.90
145.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.55	0.66	8.321	0.362	0.000	6.06	11.45
145.0	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.72	0.86	8.321	0.362	0.000	7.87	45.63
150.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	8.381	0.373	0.000	0.00	37.09
150.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	8.381	0.373	0.000	0.00	54.78
150.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	2.76	3.32	8.381	0.373	0.000	30.58	57.55
150.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	3.59	4.31	8.381	0.373	0.000	39.70	228.86
Totals:											4,012.68	45,534.38

Pole : 302489
 Location: Enfd - Enfield, CT
 Height: 150.0 (ft)
 Base Dia: 37.38 (in)
 Top Dia: 15.00 (in)
 Shape: 12 Sides
 Taper: 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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	25 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		

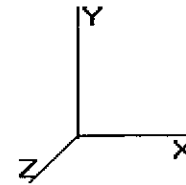
Applied Segment Forces Summary

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
5.00	118.26	2,473.03	0.00	0.00
10.00	116.63	2,482.56	0.00	0.00
15.00	263.88	3,775.13	0.00	0.00
20.00	280.03	3,798.63	0.00	0.00
25.00	293.02	3,811.41	0.00	0.00
30.00	303.62	3,817.14	0.00	0.00
31.50	91.67	1,143.57	0.00	0.00
35.00	175.09	3,126.68	0.00	0.00
35.67	32.85	594.06	0.00	0.00
40.00	218.24	3,191.51	0.00	0.00
45.00	256.49	3,680.56	0.00	0.00
50.00	260.23	3,674.90	0.00	0.00
55.00	263.37	3,667.31	0.00	0.00
56.00	214.44	1,073.03	0.00	323.79
60.00	212.55	2,898.14	0.00	0.00
65.00	268.17	3,279.19	0.00	0.00
70.00	269.96	3,266.91	0.00	0.00
70.00	0.02	0.22	0.00	0.00
73.50	190.79	2,594.38	0.00	0.00
75.00	81.68	946.94	0.00	0.00
80.00	274.60	3,150.74	0.00	0.00
85.00	275.46	3,138.98	0.00	0.00
90.00	276.06	3,126.48	0.00	0.00
95.00	276.43	3,113.32	0.00	0.00
100.0	276.58	3,099.56	0.00	0.00
103.0	509.85	5,286.60	0.00	969.84
105.0	110.19	1,141.96	0.00	0.00
110.0	276.29	2,842.72	0.00	0.00
110.0	0.02	0.19	0.00	0.00
115.0	275.85	2,742.09	0.00	0.00
118.0	261.80	2,235.72	0.00	-290.69
120.0	109.69	1,019.86	0.00	0.00
121.0	54.75	509.15	0.00	0.00
125.0	219.37	1,762.31	0.00	0.00
126.0	910.69	5,922.52	0.00	439.26
130.0	195.17	1,020.08	0.00	0.00
135.0	243.01	1,258.85	0.00	0.00
140.0	999.91	5,838.55	0.00	0.00
144.0	333.60	1,358.90	0.00	112.91
145.0	33.20	182.20	0.00	0.00
150.0	1,311.43	9,373.36	0.00	1,861.39
Totals:	11,134.92	111,419.4	0.00	3,416.49

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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

25 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

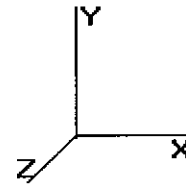
Calculated Forces

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	-111.41	-11.22	0.00	-1,199.74	0.00	1,199.74	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.212
5.00	-108.92	-11.25	0.00	-1,143.67	0.00	1,143.67	3,091.35	1,545.67	4,611.19	2,277.30	0.04	-0.08	0.205
10.00	-106.42	-11.28	0.00	-1,087.42	0.00	1,087.42	3,047.99	1,524.00	4,447.17	2,196.29	0.17	-0.16	0.198
15.00	-102.64	-11.14	0.00	-1,031.04	0.00	1,031.04	3,003.60	1,501.80	4,284.50	2,115.95	0.38	-0.24	0.191
20.00	-98.82	-10.98	0.00	-975.34	0.00	975.34	2,958.17	1,479.08	4,123.27	2,036.33	0.68	-0.32	0.183
25.00	-95.00	-10.79	0.00	-920.45	0.00	920.45	2,911.70	1,455.85	3,963.58	1,957.46	1.06	-0.40	0.176
30.00	-91.17	-10.54	0.00	-866.50	0.00	866.50	2,864.18	1,432.09	3,805.55	1,879.42	1.52	-0.48	0.168
31.50	-90.03	-10.50	0.00	-850.69	0.00	850.69	2,849.72	1,424.86	3,758.46	1,856.16	1.67	-0.50	0.166
35.00	-86.89	-10.34	0.00	-813.96	0.00	813.96	2,805.48	1,402.74	3,636.10	1,795.73	2.06	-0.55	0.159
35.67	-86.29	-10.36	0.00	-807.06	0.00	807.06	2,231.07	1,115.54	2,951.42	1,457.59	2.13	-0.56	0.178
40.00	-83.09	-10.21	0.00	-762.19	0.00	762.19	2,201.95	1,100.98	2,850.70	1,407.85	2.68	-0.63	0.170
45.00	-79.40	-10.01	0.00	-711.15	0.00	711.15	2,167.39	1,083.69	2,735.30	1,350.86	3.37	-0.70	0.161
50.00	-75.72	-9.80	0.00	-661.11	0.00	661.11	2,131.78	1,065.89	2,620.87	1,294.35	4.15	-0.77	0.152
55.00	-72.05	-9.53	0.00	-612.13	0.00	612.13	2,095.13	1,047.56	2,507.52	1,238.37	4.99	-0.84	0.142
56.00	-70.97	-9.35	0.00	-602.27	0.00	602.27	2,087.67	1,043.84	2,484.99	1,227.24	5.17	-0.86	0.140
60.00	-68.07	-9.16	0.00	-564.89	0.00	564.89	2,057.44	1,028.72	2,395.35	1,182.97	5.92	-0.91	0.133
60.00	-68.07	-9.16	0.00	-564.89	0.00	564.89	2,057.44	1,028.72	2,395.35	1,182.97	5.92	-0.91	0.249
65.00	-64.78	-8.95	0.00	-519.08	0.00	519.08	2,018.71	1,009.36	2,284.46	1,128.21	6.91	-0.98	0.235
70.00	-61.51	-8.68	0.00	-474.35	0.00	474.35	1,978.94	989.47	2,174.96	1,074.13	8.00	-1.10	0.221
70.00	-61.50	-8.73	0.00	-474.35	0.00	474.35	1,978.94	989.47	2,174.95	1,074.12	8.00	-1.10	0.221
73.50	-58.90	-8.55	0.00	-443.79	0.00	443.79	1,462.64	731.32	1,612.09	796.15	8.84	-1.19	0.248
75.00	-57.95	-8.53	0.00	-430.97	0.00	430.97	1,455.06	727.53	1,589.51	785.00	9.22	-1.23	0.242
80.00	-54.79	-8.30	0.00	-388.33	0.00	388.33	1,429.11	714.55	1,514.58	747.99	10.57	-1.35	0.224
85.00	-51.64	-8.05	0.00	-346.83	0.00	346.83	1,402.12	701.06	1,440.27	711.29	12.05	-1.47	0.205
90.00	-48.51	-7.78	0.00	-306.58	0.00	306.58	1,374.09	687.04	1,366.68	674.95	13.64	-1.58	0.187
95.00	-45.39	-7.50	0.00	-267.67	0.00	267.67	1,345.02	672.51	1,293.93	639.02	15.35	-1.68	0.168
100.00	-42.29	-7.18	0.00	-230.18	0.00	230.18	1,314.91	657.46	1,222.10	603.55	17.17	-1.78	0.149
103.00	-37.02	-6.54	0.00	-207.66	0.00	207.66	1,296.35	648.17	1,179.50	582.51	18.30	-1.84	0.136
105.00	-35.87	-6.43	0.00	-194.59	0.00	194.59	1,283.76	641.88	1,151.31	568.59	19.08	-1.87	0.129
110.00	-33.04	-6.08	0.00	-162.46	0.00	162.46	1,247.14	623.57	1,077.81	532.29	21.09	-1.95	0.112
110.00	-33.03	-6.10	0.00	-162.46	0.00	162.46	1,247.13	623.57	1,077.80	532.29	21.09	-1.95	0.112
110.00	-33.03	-6.10	0.00	-162.46	0.00	162.46	846.54	423.27	735.96	363.46	21.09	-1.95	0.136
115.00	-30.30	-5.76	0.00	-131.97	0.00	131.97	828.55	414.27	693.31	342.40	23.17	-2.02	0.114
118.00	-28.07	-5.43	0.00	-114.69	0.00	114.69	817.25	408.63	667.88	329.84	24.45	-2.07	0.101
120.00	-27.05	-5.30	0.00	-103.83	0.00	103.83	809.51	404.76	651.00	321.50	25.33	-2.09	0.092
121.00	-26.54	-5.24	0.00	-98.53	0.00	98.53	805.58	402.79	642.58	317.35	25.77	-2.10	0.088
121.00	-26.54	-5.24	0.00	-98.53	0.00	98.53	805.58	402.79	642.58	317.35	25.77	-2.10	0.344
125.00	-24.78	-4.97	0.00	-77.59	0.00	77.59	789.44	394.72	609.12	300.82	27.55	-2.15	0.289
126.00	-18.89	-3.87	0.00	-72.18	0.00	72.18	785.30	392.65	600.81	296.72	28.00	-2.19	0.267
130.00	-17.87	-3.68	0.00	-56.72	0.00	56.72	768.32	384.16	567.78	280.41	29.90	-2.34	0.226
135.00	-16.62	-3.42	0.00	-38.32	0.00	38.32	746.17	373.08	527.09	260.31	32.44	-2.49	0.170
140.00	-10.83	-2.18	0.00	-21.22	0.00	21.22	722.98	361.49	487.14	240.58	35.11	-2.60	0.103
144.00	-9.48	-1.79	0.00	-12.39	0.00	12.39	701.03	350.52	454.07	224.25	37.31	-2.66	0.069
145.00	-9.30	-1.75	0.00	-10.61	0.00	10.61	694.06	347.03	445.03	219.78	37.87	-2.67	0.062
150.00	0.00	-1.31	0.00	-1.86	0.00	1.86	659.19	329.60	401.19	198.13	40.68	-2.70	0.009

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

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

Wind 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	0.85	7.442	8.186	178.39	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
5.00		1.00	0.85	7.442	8.186	174.65	1.000	0.000	5.00	15.955	15.96	130.6	0.0	1,420.2
10.00		1.00	0.85	7.442	8.186	170.91	1.000	0.000	5.00	15.617	15.62	127.8	0.0	1,404.1
15.00		1.00	0.85	7.442	8.186	167.17	1.200	* 0.000	5.00	15.279	18.34	150.1	0.0	1,388.0
20.00		1.00	0.90	7.896	8.686	168.34	1.200	* 0.000	5.00	14.942	17.93	155.7	0.0	1,371.9
25.00		1.00	0.94	8.276	9.104	168.40	1.200	* 0.000	5.00	14.604	17.52	159.5	0.0	1,355.8
30.00		1.00	0.98	8.600	9.460	167.65	1.200	* 0.000	5.00	14.266	17.12	161.9	0.0	1,339.7
31.50	Bot - Section 2	1.00	0.99	8.689	9.557	167.30	1.200	* 0.000	1.50	4.215	5.06	48.3	0.0	398.9
35.00		1.00	1.01	8.883	9.772	166.30	1.200	* 0.000	3.50	9.902	11.88	116.1	0.0	1,314.0
35.67	Top - Section 1	1.00	1.01	8.919	9.811	166.09	1.200	* 0.000	0.67	1.868	2.24	22.0	0.0	248.8
40.00		1.00	1.04	9.137	10.05	167.82	1.200	* 0.000	4.33	11.991	14.39	144.6	0.0	1,050.1
45.00		1.00	1.07	9.366	10.30	165.72	1.200	* 0.000	5.00	13.521	16.23	167.2	0.0	1,199.3
50.00		1.00	1.09	9.576	10.53	163.33	1.200	* 0.000	5.00	13.183	15.82	166.6	0.0	1,185.9
55.00		1.00	1.11	9.770	10.74	160.69	1.200	* 0.000	5.00	12.845	15.41	165.7	0.0	1,172.5
56.00	Appertunance(s)	1.00	1.12	9.807	10.78	160.13	1.200	* 0.000	1.00	2.529	3.03	32.7	0.0	232.9
60.00	Reinf. Top	1.00	1.13	9.951	10.94	157.84	1.200	* 0.000	4.00	9.979	11.97	131.1	0.0	926.2
65.00		1.00	1.15	10.120	11.13	154.82	1.200	* 0.000	5.00	12.169	14.60	162.6	0.0	811.6
70.00		1.00	1.17	10.279	11.30	151.64	1.200	* 0.000	5.00	11.831	14.20	160.5	0.0	798.2
70.00	Bot - Section 3	1.00	1.17	10.279	11.30	151.64	1.200	* 0.000	0.00	0.001	0.00	0.0	0.0	0.1
73.50	Top - Section 2	1.00	1.18	10.385	11.42	149.32	1.200	* 0.000	3.50	8.232	9.88	112.8	0.0	809.7
75.00		1.00	1.19	10.430	11.47	151.14	1.200	* 0.000	1.50	3.476	4.17	47.9	0.0	209.5
80.00		1.00	1.20	10.572	11.62	147.71	1.200	* 0.000	5.00	11.371	13.65	158.7	0.0	691.6
85.00		1.00	1.22	10.708	11.77	144.17	1.200	* 0.000	5.00	11.033	13.24	155.9	0.0	680.9
90.00		1.00	1.23	10.838	11.92	140.53	1.200	* 0.000	5.00	10.695	12.83	153.0	0.0	670.2
95.00		1.00	1.25	10.962	12.05	136.80	1.200	* 0.000	5.00	10.357	12.43	149.9	0.0	659.4
100.0		1.00	1.26	11.081	12.18	132.97	1.200	* 0.000	5.00	10.019	12.02	146.5	0.0	648.7
103.0	Appertunance(s)	1.00	1.27	11.150	12.26	130.64	1.200	* 0.000	3.00	5.849	7.02	86.1	0.0	384.1
105.0		1.00	1.27	11.195	12.31	129.07	1.200	* 0.000	2.00	3.832	4.60	56.6	0.0	253.9
110.0		1.00	1.29	11.305	12.43	125.10	1.200	* 0.000	5.00	9.343	11.21	139.4	0.0	627.2
110.0	Top - Section 3	1.00	1.29	11.305	12.43	125.10	1.200	* 0.000	0.00	0.001	0.00	0.0	0.0	0.0
115.0		1.00	1.30	11.412	12.55	121.05	1.200	* 0.000	5.00	9.005	10.81	135.6	0.0	546.5
118.0	Appertunance(s)	1.00	1.31	11.474	12.62	118.60	1.200	* 0.000	3.00	5.241	6.29	79.4	0.0	324.0
120.0		1.00	1.31	11.514	12.66	116.95	1.200	* 0.000	2.00	3.426	4.11	52.1	0.0	214.4
121.0	Reinf. Top	1.00	1.31	11.534	12.68	116.12	1.200	* 0.000	1.00	1.693	2.03	25.8	0.0	106.7
125.0		1.00	1.32	11.614	12.77	112.78	1.200	* 0.000	4.00	6.636	7.96	101.7	0.0	156.5
126.0	Appertunance(s)	1.00	1.32	11.633	12.79	111.94	1.200	* 0.000	1.00	1.625	1.95	25.0	0.0	38.3
130.0		1.00	1.33	11.710	12.88	108.55	1.200	* 0.000	4.00	6.366	7.64	98.4	0.0	150.1
135.0		1.00	1.34	11.803	12.98	104.28	1.200	* 0.000	5.00	7.653	9.18	119.2	0.0	180.3
140.0	Appertunance(s)	1.00	1.35	11.894	13.08	99.955	1.200	* 0.000	5.00	7.315	8.78	114.9	0.0	172.3
144.0	Appertunance(s)	1.00	1.36	11.965	13.16	96.459	1.200	* 0.000	4.00	5.609	6.73	88.6	0.0	132.0
145.0		1.00	1.36	11.982	13.18	95.580	1.200	* 0.000	1.00	1.368	1.64	21.6	0.0	32.2
150.0	Appertunance(s)	1.00	1.37	12.068	13.27	91.160	1.200	* 0.000	5.00	6.639	7.97	105.8	0.0	156.2

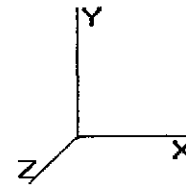
* = Cf Adjusted By Linear Load Ra Effect

Totals: 150.00 4,378.2 0.0 25,462.8

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

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

Wind Importance Factor : 1.00

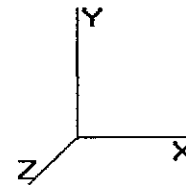
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
56.00	Channel Master Type	1	9.880	10.868	0.90	1.00	18.17	0.000	2.000	197.49	0.00	394.97	126.00
103.0	24" x 24" Junction	1	11.218	12.339	0.60	0.80	3.36	0.000	3.000	41.46	0.00	124.38	20.00
103.0	Argus LLPX310R	3	11.240	12.364	0.50	0.80	7.19	0.000	4.000	88.86	0.00	355.43	85.80
103.0	DragonWave A-ANT-	2	11.284	12.412	0.72	0.80	6.75	0.000	6.000	83.83	0.00	502.95	54.00
103.0	DragonWave Horizon	2	11.284	12.412	0.26	0.80	0.23	0.000	6.000	2.82	0.00	16.91	21.20
103.0	NextNet BTS-2500	3	11.240	12.364	0.40	0.80	2.54	0.000	4.000	31.45	0.00	125.81	105.00
103.0	Side Arms	1	11.150	12.265	0.90	1.00	7.65	0.000	0.000	93.83	0.00	0.00	560.00
118.0	RFS APXV18-206517S-	3	11.412	12.553	0.54	0.80	8.44	0.000	-3.000	105.91	0.00	-317.74	79.20
126.0	Alcatel-Lucent RRH2x	3	11.653	12.818	0.40	0.80	3.02	0.000	1.000	38.76	0.00	38.76	132.00
126.0	Antel BXA-171085-12C	3	11.653	12.818	0.58	0.80	8.17	0.000	1.000	104.77	0.00	104.77	45.00
126.0	Antel BXA-171085-8BF	3	11.653	12.818	0.57	0.80	5.01	0.000	1.000	64.21	0.00	64.21	31.50
126.0	Antel BXA-70063-4CF-	3	11.653	12.818	0.51	0.80	7.93	0.000	1.000	101.59	0.00	101.59	29.70
126.0	Antel BXA-80080-6CF-	3	11.653	12.818	0.58	0.80	10.11	0.000	1.000	129.58	0.00	129.58	54.00
126.0	RFS DB-T1-6Z-8AB-0Z	1	11.653	12.818	0.72	0.80	4.03	0.000	1.000	51.68	0.00	51.68	44.00
126.0	RFS FD9R6004/2C-3L	6	11.653	12.818	0.26	0.80	0.59	0.000	1.000	7.51	0.00	7.51	15.60
126.0	Round Low Profile PI	1	11.633	12.797	1.00	1.00	21.70	0.000	0.000	277.68	0.00	0.00	1,500.00
140.0	Ericsson AIR 21, 1.3	3	11.894	13.084	0.69	1.00	13.52	0.000	0.000	176.85	0.00	0.00	249.00
140.0	Ericsson AIR 21, 1.3	3	11.894	13.084	0.69	1.00	13.62	0.000	0.000	178.21	0.00	0.00	244.50
140.0	Ericsson KRY 112 144	3	11.894	13.084	0.33	1.00	0.41	0.000	0.000	5.31	0.00	0.00	33.00
140.0	Flat Low Profile Pla	1	11.894	13.084	1.00	1.00	26.10	0.000	0.000	341.48	0.00	0.00	1,500.00
144.0	Diamond X50A	2	12.013	13.215	0.75	1.00	1.68	0.000	2.800	22.20	0.00	62.16	4.60
144.0	Flat Side Arm	2	11.965	13.161	0.80	1.00	10.08	0.000	0.000	132.67	0.00	0.00	300.00
150.0	ADC DD1900	6	12.102	13.312	0.25	0.75	1.89	0.000	2.000	25.11	0.00	50.21	72.60
150.0	Allgon 7770.00	6	12.102	13.312	0.48	0.75	16.93	0.000	2.000	225.43	0.00	450.86	210.00
150.0	Andrew SBNH-	1	12.102	13.312	0.52	0.75	6.01	0.000	2.000	80.02	0.00	160.04	60.80
150.0	Decibel DB809KE-SY	1	12.265	13.492	1.00	1.00	3.40	0.000	12.000	45.87	0.00	550.47	26.00
150.0	Ericsson RRUS 11 (Ba	6	12.102	13.312	0.50	1.00	8.82	0.000	2.000	117.41	0.00	234.82	330.00
150.0	Flat Platform w/ Han	1	12.068	13.275	0.90	1.00	38.16	0.000	0.000	506.57	0.00	0.00	2,000.00
150.0	Powerwave LGP13519	6	12.102	13.312	0.25	0.75	0.50	0.000	2.000	6.72	0.00	13.44	31.80
150.0	Powerwave P65-16-	2	12.102	13.312	0.56	0.75	9.45	0.000	2.000	125.80	0.00	251.60	106.00
150.0	Raycap DC6-48-60-18-	1	12.102	13.312	0.33	1.00	0.49	0.000	2.000	6.46	0.00	12.92	31.80
										3,417.54			
													8,103.10

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	24 Iterations
Gust Response Factor : 1.10	Wind Importance Factor : 1.00	
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

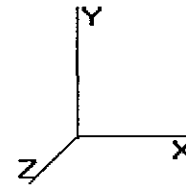
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
5.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.000	0.000	0.00	334.00
10.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.000	0.000	0.00	334.00
15.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	0.35
15.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	5.90
15.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.442	0.613	0.000	8.10	4.10
15.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	7.442	0.613	0.000	16.21	32.80
15.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	7.442	0.613	0.000	2.58	1.50
15.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	5.00
15.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	7.442	0.613	0.000	24.31	24.60
15.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.442	0.613	0.000	8.10	49.19
15.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	8.05
15.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	334.00
15.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	24.60
15.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	3.00
15.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	36.50
15.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	1.35
15.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.442	0.613	0.000	0.00	0.75
15.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	7.442	0.613	0.000	54.57	0.00
20.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	0.35
20.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	5.90
20.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.896	0.627	0.000	8.60	4.10
20.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	7.896	0.627	0.000	17.20	32.80
20.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	7.896	0.627	0.000	2.74	1.50
20.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	5.00
20.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	7.896	0.627	0.000	25.80	24.60
20.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	7.896	0.627	0.000	8.60	49.19
20.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	8.05
20.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	334.00
20.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	24.60
20.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	3.00
20.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	36.50
20.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	1.35
20.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	7.896	0.627	0.000	0.00	0.75
20.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	7.896	0.627	0.000	57.91	0.00
25.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	0.35
25.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	5.90
25.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.276	0.642	0.000	9.01	4.10
25.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	8.276	0.642	0.000	18.03	32.80
25.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	8.276	0.642	0.000	2.87	1.50
25.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	5.00
25.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	8.276	0.642	0.000	27.04	24.60
25.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.276	0.642	0.000	9.01	49.19
25.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	8.05
25.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	334.00
25.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	24.60
25.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	3.00
25.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	36.50
25.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	1.35
25.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.276	0.642	0.000	0.00	0.75
25.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	8.276	0.642	0.000	60.69	0.00
30.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	0.35

Pole : 302489
 Location : Enfld - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 iterations

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

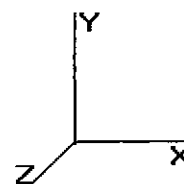
Wind Importance Factor : 1.00

30.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	5.90
30.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.600	0.657	0.000	9.37	4.10
30.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	8.600	0.657	0.000	18.73	32.80
30.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	8.600	0.657	0.000	2.98	1.50
30.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	5.00
30.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	8.600	0.657	0.000	28.10	24.60
30.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	8.600	0.657	0.000	9.37	49.19
30.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	8.05
30.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	334.00
30.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	24.60
30.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	3.00
30.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	36.50
30.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	1.35
30.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	8.600	0.657	0.000	0.00	0.75
30.00	(4) Dywidag	Yes	5.00	2.000	8.00	3.33	6.67	8.600	0.657	0.000	63.07	0.00
31.50	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	0.11
31.50	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	1.77
31.50	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	8.689	0.667	0.000	2.84	1.23
31.50	(8) 1 5/8" Coax	Yes	1.50	1.200	3.96	0.50	0.59	8.689	0.667	0.000	5.68	9.84
31.50	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.08	0.09	8.689	0.667	0.000	0.90	0.45
31.50	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	1.50
31.50	(6) 1 5/8" Coax	Yes	1.50	1.200	5.94	0.74	0.89	8.689	0.667	0.000	8.52	7.38
31.50	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	8.689	0.667	0.000	2.84	14.76
31.50	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	2.42
31.50	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	100.22
31.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	7.38
31.50	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	0.90
31.50	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	10.95
31.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	0.41
31.50	(1) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	8.689	0.667	0.000	0.00	0.23
31.50	(4) Dywidag	Yes	1.50	2.000	8.00	1.00	2.00	8.689	0.667	0.000	19.12	0.00
35.00	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	0.24
35.00	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	4.13
35.00	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	8.883	0.449	0.000	6.77	2.87
35.00	(8) 1 5/8" Coax	Yes	3.50	1.200	3.96	1.15	1.39	8.883	0.449	0.000	13.54	22.95
35.00	(2) 1/2" Coax	Yes	3.50	1.200	0.63	0.18	0.22	8.883	0.449	0.000	2.15	1.05
35.00	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	3.50
35.00	(6) 1 5/8" Coax	Yes	3.50	1.200	5.94	1.73	2.08	8.883	0.449	0.000	20.31	17.22
35.00	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	8.883	0.449	0.000	6.77	34.43
35.00	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	5.63
35.00	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	233.78
35.00	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	17.22
35.00	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	2.10
35.00	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	25.55
35.00	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	0.94
35.00	(1) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	8.883	0.449	0.000	0.00	0.52
35.00	(4) Dywidag	Yes	0.20	2.000	8.00	0.13	0.27	8.883	0.449	0.000	2.60	0.00
35.67	(1) 0.39" Cable	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	0.05
35.67	(2) 0.78" 8 AWG 6	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	0.79
35.67	(1) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	8.919	0.440	0.000	1.30	0.55
35.67	(8) 1 5/8" Coax	Yes	0.67	1.200	3.96	0.22	0.26	8.919	0.440	0.000	2.59	4.37
35.67	(2) 1/2" Coax	Yes	0.67	1.200	0.63	0.04	0.04	8.919	0.440	0.000	0.41	0.20
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	0.67
35.67	(6) 1 5/8" Coax	Yes	0.67	1.200	5.94	0.33	0.40	8.919	0.440	0.000	3.89	3.28
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	1.98	0.11	0.13	8.919	0.440	0.000	1.30	6.56
35.67	(1) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	1.07
35.67	(4) #20 Dywidag bars	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	44.56

Pole : 302489
 Location : Enfld - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 iterations

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

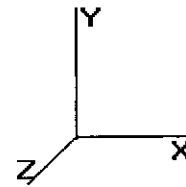
Wind Importance Factor : 1.00

35.67	(6) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	3.28
35.67	(4) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	0.40
35.67	(2) 2" Cond.	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	4.87
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	0.18
35.67	(1) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.919	0.440	0.000	0.00	0.10
40.00	(1) 0.39" Cable	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	0.30
40.00	(2) 0.78" 8 AWG 6	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	5.11
40.00	(1) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	9.137	0.436	0.000	8.62	3.55
40.00	(8) 1 5/8" Coax	Yes	4.33	1.200	3.96	1.43	1.72	9.137	0.436	0.000	17.25	28.42
40.00	(2) 1/2" Coax	Yes	4.33	1.200	0.63	0.23	0.27	9.137	0.436	0.000	2.74	1.30
40.00	(1) 1 1/4" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	4.33
40.00	(6) 1 5/8" Coax	Yes	4.33	1.200	5.94	2.14	2.57	9.137	0.436	0.000	25.87	21.32
40.00	(12) 1 5/8" Coax	Yes	4.33	1.200	1.98	0.71	0.86	9.137	0.436	0.000	8.62	42.63
40.00	(1) 1 5/8" Hybriflex	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	6.98
40.00	(4) #20 Dywidag bars	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	289.44
40.00	(6) 1 5/8" Coax	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	21.32
40.00	(4) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	2.60
40.00	(2) 2" Cond.	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	31.63
40.00	(6) 5/16" Coax	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	1.17
40.00	(1) 1/2" Coax	Yes	4.33	0.000	0.00	0.00	0.00	9.137	0.436	0.000	0.00	0.65
45.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	0.35
45.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	5.90
45.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.366	0.447	0.000	10.20	4.10
45.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	9.366	0.447	0.000	20.40	32.80
45.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	9.366	0.447	0.000	3.25	1.50
45.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	5.00
45.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	9.366	0.447	0.000	30.60	24.60
45.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.366	0.447	0.000	10.20	49.19
45.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	8.05
45.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	334.00
45.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	24.60
45.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	3.00
45.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	36.50
45.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	1.35
45.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.366	0.447	0.000	0.00	0.75
50.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	0.35
50.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	5.90
50.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.576	0.458	0.000	10.43	4.10
50.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	9.576	0.458	0.000	20.86	32.80
50.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	9.576	0.458	0.000	3.32	1.50
50.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	5.00
50.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	9.576	0.458	0.000	31.29	24.60
50.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.576	0.458	0.000	10.43	49.19
50.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	8.05
50.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	334.00
50.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	24.60
50.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	3.00
50.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	36.50
50.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	1.35
50.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.576	0.458	0.000	0.00	0.75
55.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	0.35
55.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	5.90
55.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.770	0.470	0.000	10.64	4.10
55.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	9.770	0.470	0.000	21.28	32.80
55.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	9.770	0.470	0.000	3.39	1.50
55.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	5.00
55.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	9.770	0.470	0.000	31.92	24.60

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D+ 1.0W

60.00 mph Serviceability

24 Iterations

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

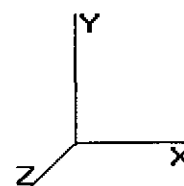
Wind Importance Factor : 1.00

55.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	9.770	0.470	0.000	10.64	49.19
55.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	8.05
55.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	334.00
55.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	24.60
55.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	3.00
55.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	36.50
55.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	1.35
55.00	(1) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	9.770	0.470	0.000	0.00	0.75
56.00	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	0.07
56.00	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	1.18
56.00	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	9.807	0.478	0.000	2.14	0.82
56.00	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	9.807	0.478	0.000	4.27	6.56
56.00	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	9.807	0.478	0.000	0.68	0.30
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	1.00
56.00	(6) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.807	0.478	0.000	6.41	4.92
56.00	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	9.807	0.478	0.000	2.14	9.84
56.00	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	1.61
56.00	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	66.80
56.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	4.92
56.00	(4) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	0.60
56.00	(2) 2" Cond.	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	7.30
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	0.27
56.00	(1) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.807	0.478	0.000	0.00	0.15
60.00	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	0.28
60.00	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	4.72
60.00	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	9.951	0.484	0.000	8.67	3.28
60.00	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	1.32	1.58	9.951	0.484	0.000	17.34	26.24
60.00	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	9.951	0.484	0.000	2.76	1.20
60.00	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	4.00
60.00	(6) 1 5/8" Coax	Yes	4.00	1.200	5.94	1.98	2.38	9.951	0.484	0.000	26.01	19.68
60.00	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	9.951	0.484	0.000	8.67	39.36
60.00	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	6.44
60.00	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	267.20
60.00	(6) 1 5/8" Coax	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	19.68
60.00	(4) 1/2" Coax	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	2.40
60.00	(2) 2" Cond.	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	29.20
60.00	(6) 5/16" Coax	Yes	4.00	0.000	0.00	0.00	0.00	9.951	0.484	0.000	0.00	1.08
65.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	0.35
65.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	5.90
65.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.120	0.496	0.000	11.02	4.10
65.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	10.120	0.496	0.000	22.04	32.80
65.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	10.120	0.496	0.000	3.51	1.50
65.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	5.00
65.00	(6) 1 5/8" Coax	Yes	5.00	1.200	5.94	2.47	2.97	10.120	0.496	0.000	33.06	24.60
65.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.120	0.496	0.000	11.02	49.19
65.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	8.05
65.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	334.00
65.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	24.60
65.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	3.00
65.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	36.50
65.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.120	0.496	0.000	0.00	1.35
70.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	0.35
70.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	5.90
70.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.279	0.510	0.000	11.19	4.10
70.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	10.279	0.510	0.000	22.39	32.80
70.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	10.279	0.510	0.000	3.56	1.50
70.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	5.00

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

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

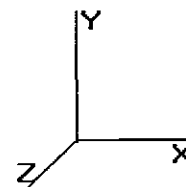
Wind Importance Factor : 1.00

70.00	(6) 1 5/8" Coax	Yes	5.00	1.193	5.94	2.47	2.95	10.279	0.510	0.000	33.39	24.60
70.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.279	0.510	0.000	11.19	49.19
70.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	8.05
70.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	334.00
70.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	24.60
70.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	3.00
70.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	36.50
70.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.279	0.510	0.000	0.00	1.35
70.00	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(8) 1 5/8" Coax	Yes	0.00	1.200	3.96	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(6) 1 5/8" Coax	Yes	0.00	1.193	5.94	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.02
70.00	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(4) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(2) 2" Cond.	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	10.279	0.518	0.000	0.00	0.00
73.50	(1) 0.39" Cable	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	0.25
73.50	(2) 0.78" 8 AWG 6	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	4.13
73.50	(1) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	10.385	0.523	0.000	7.92	2.87
73.50	(8) 1 5/8" Coax	Yes	3.50	1.200	3.96	1.15	1.39	10.385	0.523	0.000	15.83	22.96
73.50	(2) 1/2" Coax	Yes	3.50	1.200	0.63	0.18	0.22	10.385	0.523	0.000	2.52	1.05
73.50	(1) 1 1/4" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	3.50
73.50	(6) 1 5/8" Coax	Yes	3.50	1.187	5.94	1.73	2.06	10.385	0.523	0.000	23.50	17.22
73.50	(12) 1 5/8" Coax	Yes	3.50	1.200	1.98	0.58	0.69	10.385	0.523	0.000	7.92	34.44
73.50	(1) 1 5/8" Hybriflex	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	5.64
73.50	(4) #20 Dywidag bars	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	233.80
73.50	(6) 1 5/8" Coax	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	17.22
73.50	(4) 1/2" Coax	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	2.10
73.50	(2) 2" Cond.	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	25.55
73.50	(6) 5/16" Coax	Yes	3.50	0.000	0.00	0.00	0.00	10.385	0.523	0.000	0.00	0.95
75.00	(1) 0.39" Cable	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	0.10
75.00	(2) 0.78" 8 AWG 6	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	1.77
75.00	(1) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	10.430	0.521	0.000	3.41	1.23
75.00	(8) 1 5/8" Coax	Yes	1.50	1.200	3.96	0.49	0.59	10.430	0.521	0.000	6.81	9.84
75.00	(2) 1/2" Coax	Yes	1.50	1.200	0.63	0.08	0.09	10.430	0.521	0.000	1.08	0.45
75.00	(1) 1 1/4" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	1.50
75.00	(6) 1 5/8" Coax	Yes	1.50	1.185	5.94	0.74	0.88	10.430	0.521	0.000	10.09	7.38
75.00	(12) 1 5/8" Coax	Yes	1.50	1.200	1.98	0.25	0.30	10.430	0.521	0.000	3.41	14.75
75.00	(1) 1 5/8" Hybriflex	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	2.41
75.00	(4) #20 Dywidag bars	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	100.18
75.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	7.38
75.00	(4) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	0.90
75.00	(2) 2" Cond.	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	10.95
75.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	10.430	0.521	0.000	0.00	0.40
80.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	0.35
80.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	5.90
80.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.572	0.531	0.000	11.51	4.10
80.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	10.572	0.531	0.000	23.03	32.80
80.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	10.572	0.531	0.000	3.66	1.50
80.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	5.00
80.00	(6) 1 5/8" Coax	Yes	5.00	1.177	5.94	2.47	2.91	10.572	0.531	0.000	33.87	24.60

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D+1.0W

60.00 mph Serviceability

24 Iterations

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

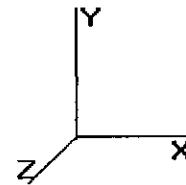
Wind Importance Factor : 1.00

80.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.572	0.531	0.000	11.51	49.19
80.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	8.05
80.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	334.00
80.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	24.60
80.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	3.00
80.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	36.50
80.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.572	0.531	0.000	0.00	1.35
85.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	0.35
85.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	5.90
85.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.708	0.547	0.000	11.66	4.10
85.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	10.708	0.547	0.000	23.32	32.80
85.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	10.708	0.547	0.000	3.71	1.50
85.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	5.00
85.00	(6) 1 5/8" Coax	Yes	5.00	1.169	5.94	2.47	2.89	10.708	0.547	0.000	34.08	24.60
85.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.708	0.547	0.000	11.66	49.19
85.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	8.05
85.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	334.00
85.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	24.60
85.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	3.00
85.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	36.50
85.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.708	0.547	0.000	0.00	1.35
90.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	0.35
90.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	5.90
90.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.838	0.565	0.000	11.80	4.10
90.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	10.838	0.565	0.000	23.60	32.80
90.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	10.838	0.565	0.000	3.76	1.50
90.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	5.00
90.00	(6) 1 5/8" Coax	Yes	5.00	1.162	5.94	2.47	2.88	10.838	0.565	0.000	34.29	24.60
90.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.838	0.565	0.000	11.80	49.19
90.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	8.05
90.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	334.00
90.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	24.60
90.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	3.00
90.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	36.50
90.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.838	0.565	0.000	0.00	1.35
95.00	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	0.35
95.00	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	5.90
95.00	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.962	0.583	0.000	11.94	4.10
95.00	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	10.962	0.583	0.000	23.87	32.80
95.00	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	10.962	0.583	0.000	3.80	1.50
95.00	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	5.00
95.00	(6) 1 5/8" Coax	Yes	5.00	1.155	5.94	2.47	2.86	10.962	0.583	0.000	34.48	24.60
95.00	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	10.962	0.583	0.000	11.94	49.19
95.00	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	8.05
95.00	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	334.00
95.00	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	24.60
95.00	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	3.00
95.00	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	36.50
95.00	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	10.962	0.583	0.000	0.00	1.35
100.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	0.35
100.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	5.90
100.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.081	0.603	0.000	12.07	4.10
100.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	11.081	0.603	0.000	24.13	32.80
100.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	11.081	0.603	0.000	3.84	1.50
100.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	5.00
100.0	(6) 1 5/8" Coax	Yes	5.00	1.149	5.94	2.47	2.84	11.081	0.603	0.000	34.67	24.60
100.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.081	0.603	0.000	12.07	49.19

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

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

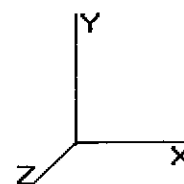
Wind Importance Factor : 1.00

100.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	8.05
100.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	334.00
100.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	24.60
100.0	(4) 1/2" Coax	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	3.00
100.0	(2) 2" Cond.	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	36.50
100.0	(6) 5/16" Coax	Yes	5.00	0.000	0.00	0.00	0.00	11.081	0.603	0.000	0.00	1.35
103.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	0.21
103.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	3.54
103.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	11.150	0.619	0.000	7.29	2.46
103.0	(8) 1 5/8" Coax	Yes	3.00	1.200	3.96	0.99	1.19	11.150	0.619	0.000	14.57	19.68
103.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	0.16	0.19	11.150	0.619	0.000	2.32	0.90
103.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	3.00
103.0	(6) 1 5/8" Coax	Yes	3.00	1.146	5.94	1.49	1.70	11.150	0.619	0.000	20.87	14.76
103.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	11.150	0.619	0.000	7.29	29.52
103.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	4.83
103.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	200.40
103.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	14.76
103.0	(4) 1/2" Coax	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	1.80
103.0	(2) 2" Cond.	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	21.90
103.0	(6) 5/16" Coax	Yes	3.00	0.000	0.00	0.00	0.00	11.150	0.619	0.000	0.00	0.81
105.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	11.195	0.630	0.000	0.00	0.14
105.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	11.195	0.630	0.000	0.00	2.36
105.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	11.195	0.630	0.000	4.88	1.64
105.0	(8) 1 5/8" Coax	Yes	2.00	1.200	3.96	0.66	0.79	11.195	0.630	0.000	9.75	13.12
105.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.10	0.13	11.195	0.630	0.000	1.55	0.60
105.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	11.195	0.630	0.000	0.00	2.00
105.0	(6) 1 5/8" Coax	Yes	2.00	1.143	5.94	0.99	1.13	11.195	0.630	0.000	13.94	9.84
105.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	11.195	0.630	0.000	4.88	19.68
105.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	11.195	0.630	0.000	0.00	3.22
105.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	11.195	0.630	0.000	0.00	133.60
105.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	11.195	0.630	0.000	0.00	9.84
110.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	11.305	0.646	0.000	0.00	0.35
110.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	11.305	0.646	0.000	0.00	5.90
110.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.305	0.646	0.000	12.31	4.10
110.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	11.305	0.646	0.000	24.62	32.80
110.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	11.305	0.646	0.000	3.92	1.50
110.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.305	0.646	0.000	0.00	5.00
110.0	(6) 1 5/8" Coax	Yes	5.00	1.138	5.94	2.47	2.82	11.305	0.646	0.000	35.02	24.60
110.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.305	0.646	0.000	12.31	49.19
110.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.305	0.646	0.000	0.00	8.05
110.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	11.305	0.646	0.000	0.00	334.00
110.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	11.305	0.646	0.000	0.00	24.60
110.0	(1) 0.39" Cable	Yes	0.00	0.000	0.00	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(2) 0.78" 8 AWG 6	Yes	0.00	0.000	0.00	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(8) 1 5/8" Coax	Yes	0.00	1.200	3.96	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(2) 1/2" Coax	Yes	0.00	1.200	0.63	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(6) 1 5/8" Coax	Yes	0.00	1.138	5.94	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	1.98	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(1) 1 5/8" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	11.305	0.658	0.000	0.00	0.00
110.0	(4) #20 Dywidag bars	Yes	0.00	0.000	0.00	0.00	0.00	11.305	0.658	0.000	0.00	0.02
110.0	(6) 1 5/8" Coax	Yes	0.00	0.000	0.00	0.00	0.00	11.305	0.658	0.000	0.00	0.00
115.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	11.412	0.670	0.000	0.00	0.35
115.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	11.412	0.670	0.000	0.00	5.90
115.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.412	0.670	0.000	12.43	4.10
115.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	11.412	0.670	0.000	24.85	32.79

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

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

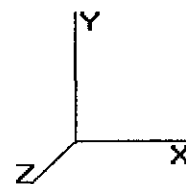
Wind Importance Factor : 1.00

115.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	11.412	0.670	0.000	3.95	1.50
115.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.412	0.670	0.000	0.00	5.00
115.0	(6) 1 5/8" Coax	Yes	5.00	1.132	5.94	2.47	2.80	11.412	0.670	0.000	35.18	24.60
115.0	(12) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.412	0.670	0.000	12.43	49.19
115.0	(1) 1 5/8" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.412	0.670	0.000	0.00	8.05
115.0	(4) #20 Dywidag bars	Yes	5.00	0.000	0.00	0.00	0.00	11.412	0.670	0.000	0.00	333.98
115.0	(6) 1 5/8" Coax	Yes	5.00	0.000	0.00	0.00	0.00	11.412	0.670	0.000	0.00	24.60
118.0	(1) 0.39" Cable	Yes	3.00	0.000	0.00	0.00	0.00	11.474	0.691	0.000	0.00	0.21
118.0	(2) 0.78" 8 AWG 6	Yes	3.00	0.000	0.00	0.00	0.00	11.474	0.691	0.000	0.00	3.54
118.0	(1) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	11.474	0.691	0.000	7.50	2.46
118.0	(8) 1 5/8" Coax	Yes	3.00	1.200	3.96	0.99	1.19	11.474	0.691	0.000	14.99	19.68
118.0	(2) 1/2" Coax	Yes	3.00	1.200	0.63	0.16	0.19	11.474	0.691	0.000	2.39	0.90
118.0	(1) 1 1/4" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	11.474	0.691	0.000	0.00	3.00
118.0	(6) 1 5/8" Coax	Yes	3.00	1.129	5.94	1.49	1.68	11.474	0.691	0.000	21.17	14.76
118.0	(12) 1 5/8" Coax	Yes	3.00	1.200	1.98	0.50	0.59	11.474	0.691	0.000	7.50	29.52
118.0	(1) 1 5/8" Hybriflex	Yes	3.00	0.000	0.00	0.00	0.00	11.474	0.691	0.000	0.00	4.83
118.0	(4) #20 Dywidag bars	Yes	3.00	0.000	0.00	0.00	0.00	11.474	0.691	0.000	0.00	200.40
118.0	(6) 1 5/8" Coax	Yes	3.00	0.000	0.00	0.00	0.00	11.474	0.691	0.000	0.00	14.76
120.0	(1) 0.39" Cable	Yes	2.00	0.000	0.00	0.00	0.00	11.514	0.705	0.000	0.00	0.14
120.0	(2) 0.78" 8 AWG 6	Yes	2.00	0.000	0.00	0.00	0.00	11.514	0.705	0.000	0.00	2.36
120.0	(1) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	11.514	0.705	0.000	5.02	1.64
120.0	(8) 1 5/8" Coax	Yes	2.00	1.200	3.96	0.66	0.79	11.514	0.705	0.000	10.03	13.12
120.0	(2) 1/2" Coax	Yes	2.00	1.200	0.63	0.10	0.13	11.514	0.705	0.000	1.60	0.60
120.0	(1) 1 1/4" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	11.514	0.705	0.000	0.00	2.00
120.0	(6) 1 5/8" Coax	Yes	2.00	1.127	5.94	0.99	1.12	11.514	0.705	0.000	14.14	9.84
120.0	(12) 1 5/8" Coax	Yes	2.00	1.200	1.98	0.33	0.40	11.514	0.705	0.000	5.02	19.68
120.0	(1) 1 5/8" Hybriflex	Yes	2.00	0.000	0.00	0.00	0.00	11.514	0.705	0.000	0.00	3.22
120.0	(4) #20 Dywidag bars	Yes	2.00	0.000	0.00	0.00	0.00	11.514	0.705	0.000	0.00	133.60
121.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	11.534	0.713	0.000	0.00	0.07
121.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	11.534	0.713	0.000	0.00	1.18
121.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	11.534	0.713	0.000	2.51	0.82
121.0	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	11.534	0.713	0.000	5.02	6.56
121.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	11.534	0.713	0.000	0.80	0.30
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.534	0.713	0.000	0.00	1.00
121.0	(6) 1 5/8" Coax	Yes	1.00	1.126	5.94	0.50	0.56	11.534	0.713	0.000	7.07	4.92
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	11.534	0.713	0.000	2.51	9.84
121.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.534	0.713	0.000	0.00	1.61
121.0	(4) #20 Dywidag bars	Yes	1.00	0.000	0.00	0.00	0.00	11.534	0.713	0.000	0.00	66.80
125.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	11.614	0.728	0.000	0.00	0.28
125.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	11.614	0.728	0.000	0.00	4.72
125.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	11.614	0.728	0.000	10.12	3.28
125.0	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	1.32	1.58	11.614	0.728	0.000	20.24	26.24
125.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	11.614	0.728	0.000	3.22	1.20
125.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	11.614	0.728	0.000	0.00	4.00
125.0	(6) 1 5/8" Coax	Yes	4.00	1.123	5.94	1.98	2.22	11.614	0.728	0.000	28.40	19.68
125.0	(12) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	11.614	0.728	0.000	10.12	39.36
125.0	(1) 1 5/8" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	11.614	0.728	0.000	0.00	6.44
125.0	(4) #20 Dywidag bars	Yes	4.00	0.000	0.00	0.00	0.00	11.614	0.728	0.000	0.00	267.20
126.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	11.633	0.743	0.000	0.00	0.07
126.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	11.633	0.743	0.000	0.00	1.18
126.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	11.633	0.743	0.000	2.53	0.82
126.0	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	11.633	0.743	0.000	5.07	6.56
126.0	(2) 1/2" Coax	Yes	1.00	1.200	0.63	0.05	0.06	11.633	0.743	0.000	0.81	0.30
126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.633	0.743	0.000	0.00	1.00
126.0	(6) 1 5/8" Coax	Yes	1.00	1.122	5.94	0.50	0.56	11.633	0.743	0.000	7.10	4.92
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	11.633	0.743	0.000	2.53	9.84
126.0	(1) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.633	0.743	0.000	0.00	1.61

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

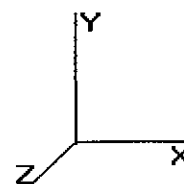
Wind Load Factor : 1.00

126.0	(4) #20 Dywidag bars	Yes	0.51	0.000	0.00	0.00	0.00	11.633	0.743	0.000	0.00	34.07
130.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	11.710	0.655	0.000	0.00	0.28
130.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	11.710	0.655	0.000	0.00	4.72
130.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	11.710	0.655	0.000	10.20	3.28
130.0	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	1.32	1.58	11.710	0.655	0.000	20.40	26.24
130.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	11.710	0.655	0.000	3.25	1.20
130.0	(1) 1 1/4" Hybriflex	Yes	4.00	0.000	0.00	0.00	0.00	11.710	0.655	0.000	0.00	4.00
130.0	(6) 1 5/8" Coax	Yes	4.00	1.118	5.94	1.98	2.21	11.710	0.655	0.000	28.51	19.68
135.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	11.803	0.681	0.000	0.00	0.35
135.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	11.803	0.681	0.000	0.00	5.90
135.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.803	0.681	0.000	12.85	4.10
135.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	11.803	0.681	0.000	25.71	32.80
135.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	11.803	0.681	0.000	4.09	1.50
135.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.803	0.681	0.000	0.00	5.00
135.0	(6) 1 5/8" Coax	Yes	5.00	1.114	5.94	2.47	2.76	11.803	0.681	0.000	35.78	24.60
140.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	11.894	0.713	0.000	0.00	0.35
140.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	11.894	0.713	0.000	0.00	5.90
140.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	11.894	0.713	0.000	12.95	4.10
140.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	11.894	0.713	0.000	25.91	32.80
140.0	(2) 1/2" Coax	Yes	5.00	1.200	0.63	0.26	0.31	11.894	0.713	0.000	4.12	1.50
140.0	(1) 1 1/4" Hybriflex	Yes	5.00	0.000	0.00	0.00	0.00	11.894	0.713	0.000	0.00	5.00
140.0	(6) 1 5/8" Coax	Yes	5.00	1.109	5.94	2.47	2.75	11.894	0.713	0.000	35.92	24.60
144.0	(1) 0.39" Cable	Yes	4.00	0.000	0.00	0.00	0.00	11.965	0.390	0.000	0.00	0.28
144.0	(2) 0.78" 8 AWG 6	Yes	4.00	0.000	0.00	0.00	0.00	11.965	0.390	0.000	0.00	4.72
144.0	(1) 1 5/8" Coax	Yes	4.00	1.200	1.98	0.66	0.79	11.965	0.390	0.000	10.42	3.28
144.0	(8) 1 5/8" Coax	Yes	4.00	1.200	3.96	1.32	1.58	11.965	0.390	0.000	20.85	26.24
144.0	(2) 1/2" Coax	Yes	4.00	1.200	0.63	0.21	0.25	11.965	0.390	0.000	3.32	1.20
145.0	(1) 0.39" Cable	Yes	1.00	0.000	0.00	0.00	0.00	11.982	0.362	0.000	0.00	0.07
145.0	(2) 0.78" 8 AWG 6	Yes	1.00	0.000	0.00	0.00	0.00	11.982	0.362	0.000	0.00	1.18
145.0	(1) 1 5/8" Coax	Yes	1.00	1.200	1.98	0.17	0.20	11.982	0.362	0.000	2.61	0.82
145.0	(8) 1 5/8" Coax	Yes	1.00	1.200	3.96	0.33	0.40	11.982	0.362	0.000	5.22	6.56
150.0	(1) 0.39" Cable	Yes	5.00	0.000	0.00	0.00	0.00	12.068	0.373	0.000	0.00	0.35
150.0	(2) 0.78" 8 AWG 6	Yes	5.00	0.000	0.00	0.00	0.00	12.068	0.373	0.000	0.00	5.90
150.0	(1) 1 5/8" Coax	Yes	5.00	1.200	1.98	0.82	0.99	12.068	0.373	0.000	13.14	4.10
150.0	(8) 1 5/8" Coax	Yes	5.00	1.200	3.96	1.65	1.98	12.068	0.373	0.000	26.28	32.80
Totals:											2,399.74	13,027.88

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

24 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

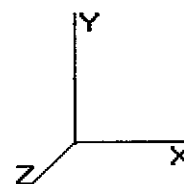
Applied Segment Forces Summary

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
5.00	130.61	1,754.19	0.00	0.00
10.00	127.85	1,738.09	0.00	0.00
15.00	263.98	2,002.67	0.00	0.00
20.00	276.57	1,986.58	0.00	0.00
25.00	286.18	1,970.48	0.00	0.00
30.00	293.54	1,954.38	0.00	0.00
31.50	88.24	583.31	0.00	0.00
35.00	168.26	1,744.21	0.00	0.00
35.67	31.48	330.79	0.00	0.00
40.00	207.72	1,582.83	0.00	0.00
45.00	241.81	1,813.96	0.00	0.00
50.00	242.96	1,800.55	0.00	0.00
55.00	243.53	1,787.13	0.00	0.00
56.00	245.85	481.82	0.00	394.97
60.00	194.52	1,417.30	0.00	0.00
65.00	243.22	1,425.56	0.00	0.00
70.00	242.26	1,412.14	0.00	0.00
70.00	0.02	0.09	0.00	0.00
73.50	170.53	1,239.49	0.00	0.00
75.00	72.66	393.67	0.00	0.00
80.00	242.27	1,305.54	0.00	0.00
85.00	240.39	1,294.81	0.00	0.00
90.00	238.25	1,284.08	0.00	0.00
95.00	235.89	1,273.35	0.00	0.00
100.0	233.32	1,262.62	0.00	0.00
103.0	480.66	1,598.42	0.00	1,125.49
105.0	91.62	483.13	0.00	0.00
110.0	227.61	1,200.31	0.00	0.00
110.0	0.02	0.08	0.00	0.00
115.0	224.48	1,119.52	0.00	0.00
118.0	238.83	747.09	0.00	-317.74
120.0	87.87	433.81	0.00	0.00
121.0	43.70	216.42	0.00	0.00
125.0	173.82	595.28	0.00	0.00
126.0	818.79	1,967.08	0.00	498.10
130.0	160.77	275.84	0.00	0.00
135.0	197.68	337.56	0.00	0.00
140.0	895.60	2,356.01	0.00	0.00
144.0	278.04	519.06	0.00	62.16
145.0	29.47	52.51	0.00	0.00
150.0	1,284.59	3,126.72	0.00	1,724.36
Totals:	10,195.46	48,868.47	0.00	3,487.35

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

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

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Load Case: 1.0D+1.0W

60.00 mph Serviceability

24 Iterations

Gust Response Factor : 1.10

Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

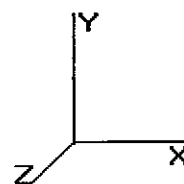
Calculated Forces

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	-48.86	-10.22	0.00	-999.38	0.00	999.38	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.169
5.00	-47.10	-10.15	0.00	-948.26	0.00	948.26	3,091.35	1,545.67	4,611.19	2,277.30	0.04	-0.07	0.163
10.00	-45.35	-10.07	0.00	-897.52	0.00	897.52	3,047.99	1,524.00	4,447.17	2,196.29	0.14	-0.13	0.156
15.00	-43.33	-9.85	0.00	-847.18	0.00	847.18	3,003.60	1,501.80	4,284.50	2,115.95	0.32	-0.20	0.150
20.00	-41.34	-9.61	0.00	-797.93	0.00	797.93	2,958.17	1,479.08	4,123.27	2,036.33	0.56	-0.26	0.143
25.00	-39.36	-9.36	0.00	-749.88	0.00	749.88	2,911.70	1,455.85	3,963.58	1,957.46	0.87	-0.33	0.137
30.00	-37.40	-9.08	0.00	-703.09	0.00	703.09	2,864.18	1,432.09	3,805.55	1,879.42	1.25	-0.39	0.130
31.50	-36.81	-9.01	0.00	-689.47	0.00	689.47	2,849.72	1,424.86	3,758.46	1,856.16	1.38	-0.41	0.128
35.00	-35.06	-8.84	0.00	-657.95	0.00	657.95	2,805.48	1,402.74	3,636.10	1,795.73	1.70	-0.45	0.122
35.67	-34.73	-8.82	0.00	-652.05	0.00	652.05	2,231.07	1,115.54	2,951.42	1,457.59	1.76	-0.46	0.137
40.00	-33.14	-8.64	0.00	-613.82	0.00	613.82	2,201.95	1,100.98	2,850.70	1,407.85	2.20	-0.51	0.130
45.00	-31.32	-8.41	0.00	-570.64	0.00	570.64	2,167.39	1,083.69	2,735.30	1,350.86	2.77	-0.57	0.123
50.00	-29.51	-8.18	0.00	-528.60	0.00	528.60	2,131.78	1,065.89	2,620.87	1,294.35	3.40	-0.63	0.115
55.00	-27.73	-7.93	0.00	-487.72	0.00	487.72	2,095.13	1,047.56	2,507.52	1,238.37	4.10	-0.69	0.107
56.00	-27.24	-7.69	0.00	-479.39	0.00	479.39	2,087.67	1,043.84	2,484.99	1,227.24	4.24	-0.70	0.106
60.00	-25.82	-7.50	0.00	-448.63	0.00	448.63	2,057.44	1,028.72	2,395.35	1,182.97	4.85	-0.74	0.100
60.00	-25.82	-7.50	0.00	-448.63	0.00	448.63	2,057.44	1,028.72	2,395.35	1,182.97	4.85	-0.74	0.189
65.00	-24.39	-7.27	0.00	-411.14	0.00	411.14	2,018.71	1,009.36	2,284.46	1,128.21	5.65	-0.79	0.178
70.00	-22.98	-7.03	0.00	-374.79	0.00	374.79	1,978.94	989.47	2,174.96	1,074.13	6.54	-0.89	0.167
70.00	-22.97	-7.04	0.00	-374.79	0.00	374.79	1,978.94	989.47	2,174.95	1,074.12	6.54	-0.89	0.167
73.50	-21.73	-6.87	0.00	-350.15	0.00	350.15	1,462.64	731.32	1,612.09	796.15	7.22	-0.96	0.187
75.00	-21.33	-6.81	0.00	-339.85	0.00	339.85	1,455.06	727.53	1,589.51	785.00	7.52	-0.99	0.182
80.00	-20.02	-6.58	0.00	-305.80	0.00	305.80	1,429.11	714.55	1,514.58	747.99	8.61	-1.09	0.168
85.00	-18.72	-6.34	0.00	-272.91	0.00	272.91	1,402.12	701.06	1,440.27	711.29	9.80	-1.18	0.154
90.00	-17.43	-6.10	0.00	-241.20	0.00	241.20	1,374.09	687.04	1,366.68	674.95	11.08	-1.27	0.139
95.00	-16.15	-5.86	0.00	-210.69	0.00	210.69	1,345.02	672.51	1,293.93	639.02	12.45	-1.35	0.125
100.00	-14.89	-5.61	0.00	-181.39	0.00	181.39	1,314.91	657.46	1,222.10	603.55	13.91	-1.43	0.111
103.00	-13.30	-5.10	0.00	-163.43	0.00	163.43	1,296.35	648.17	1,179.50	582.51	14.82	-1.47	0.101
105.00	-12.82	-5.01	0.00	-153.23	0.00	153.23	1,283.76	641.88	1,151.31	568.59	15.44	-1.50	0.096
110.00	-11.62	-4.75	0.00	-128.20	0.00	128.20	1,247.14	623.57	1,077.81	532.29	17.04	-1.56	0.083
110.00	-11.62	-4.76	0.00	-128.20	0.00	128.20	1,247.13	623.57	1,077.80	532.29	17.04	-1.56	0.083
110.00	-11.62	-4.76	0.00	-128.20	0.00	128.20	846.54	423.27	735.96	363.46	17.04	-1.56	0.100
115.00	-10.50	-4.51	0.00	-104.42	0.00	104.42	828.55	414.27	693.31	342.40	18.71	-1.62	0.084
118.00	-9.76	-4.26	0.00	-90.88	0.00	90.88	817.25	408.63	667.88	329.84	19.74	-1.65	0.074
120.00	-9.33	-4.16	0.00	-82.37	0.00	82.37	809.51	404.76	651.00	321.50	20.43	-1.67	0.068
121.00	-9.11	-4.11	0.00	-78.22	0.00	78.22	805.58	402.79	642.58	317.35	20.79	-1.68	0.065
121.00	-9.11	-4.11	0.00	-78.22	0.00	78.22	805.58	402.79	642.58	317.35	20.79	-1.68	0.258
125.00	-8.52	-3.92	0.00	-61.77	0.00	61.77	789.44	394.72	609.12	300.82	22.21	-1.72	0.216
126.00	-6.57	-3.06	0.00	-57.35	0.00	57.35	785.30	392.65	600.81	296.72	22.57	-1.75	0.202
130.00	-6.30	-2.90	0.00	-45.13	0.00	45.13	768.32	384.16	567.78	280.41	24.09	-1.87	0.169
135.00	-5.96	-2.70	0.00	-30.63	0.00	30.63	746.17	373.08	527.09	260.31	26.12	-1.99	0.126
140.00	-3.64	-1.73	0.00	-17.13	0.00	17.13	722.98	361.49	487.14	240.58	28.25	-2.08	0.076
144.00	-3.13	-1.43	0.00	-10.16	0.00	10.16	701.03	350.52	454.07	224.25	30.01	-2.12	0.050
145.00	-3.08	-1.40	0.00	-8.73	0.00	8.73	694.06	347.03	445.03	219.78	30.46	-2.13	0.044
150.00	0.00	-1.28	0.00	-1.72	0.00	1.72	659.19	329.60	401.19	198.13	32.70	-2.16	0.009

Pole : 302489
 Location : Enfd - Enfield, CT
 Height : 150.0 (ft)
 Base Dia : 37.38 (in)
 Top Dia : 15.00 (in)
 Shape : 12 Sides
 Taper : 0.156700 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : C
 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	39.65	0.00	56.13	0.00	0.00	3906.77	121.00	1.00
0.9D + 1.6W	39.62	0.00	45.10	0.00	0.00	3861.84	121.00	0.97
1.2D + 1.0Di + 1.0Wi	11.22	0.00	111.41	0.00	0.00	1199.74	121.00	0.34
1.0D + 1.0W	10.22	0.00	48.86	0.00	0.00	999.38	121.00	0.26

Additional Steel Summary

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
			VQ/I (lb/in)	Applied (kips)	phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Req'd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Req'd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
0.00	60.0	(4) SOL-#20 All Thre	300.7	9.0	16.8	212.8	12.0	18	24	0.0	12.0	0	0	318.7	330.5	0.964
0.00	121.0	(4) SOL-#20 All Thre	481.1	14.4	16.8	106.4	12.0	9	10	0.0	12.0	0	0	310.2	330.5	0.939

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	37.38 in
	Pole Thickness	in
	Plate Length	44 in
	Plate Thickness	2.5 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	1382.37 k-in
	Applied	705.15 k-in
	#	0
Stiffeners		

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	#	4
	DYW. Circle	46 in
	Offset Angle	0°
	Type	#20
	Diameter	2.5 in
Extra Bolts O	Fu	100 ksi
	#	4
	Bolt Circle	52.4 in
	(R)adial / (S)quare	R
	Offset Angle	0°
	Diameter	2.5 in
	Type	DYWIDAG
	Fy	80 ksi
	Fu	100 ksi
	ϕ_s Resistance	319.91 k
	Applied	316.94 k

Code Rev. **G**

Date **6/27/2013**
 Engineer **JAA**
 Site # **302489**
 Carrier **T-Mobile**

Moment **3906.8 k-ft**
 Axial **111.4 k**

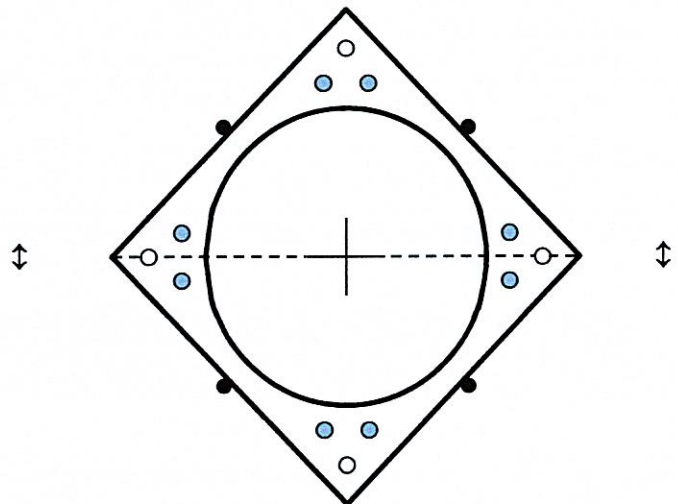


Plate Stress Ratio:
0.51 (Pass)

Bolt Stress Ratio:
0.81 (Pass)

Extra Bolt Stress Ratio:
0.99 (Pass)

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	0.1875 in
	ϕ_s Resistance	96.45 k-in
	Applied	28.41 k-in
	#	0
Stiffeners		

Code Rev. **G**

Date **6/27/2013**
 Engineer **JAA**
 Site # **302489**
 Carrier **T-Mobile**

Moment **509.6 k-ft**
 Axial **12.0 k**

Required Flange Thickness:

0.54 in OK

Bolts	#	8
	Bolt Circle	25.75 in
	(R)adial / (S)quare	R
	Diameter	1 in
	Hole Diameter	1.125 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	54.52 k
	Applied	18.94 k
Reinforcement	#	4
	DYW. Circle	28 in
	Offset Angle	24 °
	Type	#20
	Diameter	2.5 in
	Fu	100 ksi
Extra Bolts O	#	0

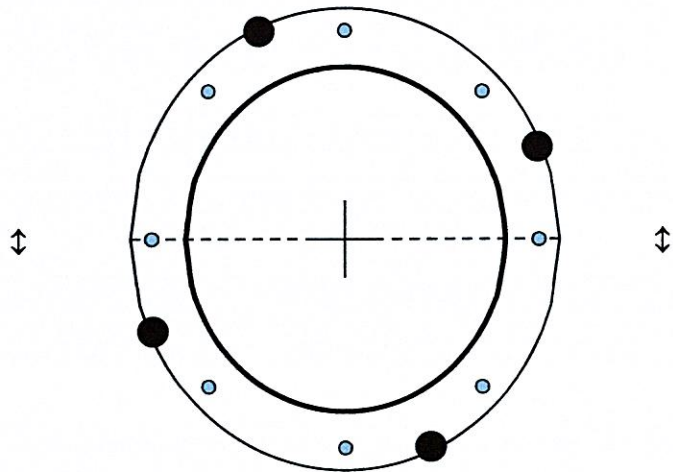


Plate Stress Ratio:

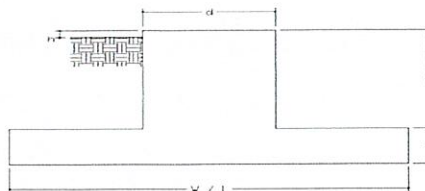
0.29 (Pass)

Bolt Stress Ratio:

0.35 (Pass)

Site Name: Enfd-Enfield, CT
 Site Number: 302489
 Engineering Number: 52476824
 Engineer: J. Abbott
 Date: 06/27/13
 Tower Type: MP

Program Last Updated: 11/15/2012



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

Design / Analysis / Mapping:

	Analysis
Compression/Leg:	111.4 k
Uplift/Leg:	0.0 k
Total Shear:	39.7 k
Moment:	3906.8 k-ft
Tower + Appurtenance Weight:	54.2 k
Depth to Base of Foundation (l + t - h):	8.00 ft
Diameter of Pier (d):	5.64 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:	50.00 ft
Unit Weight of Concrete:	150.0 pcf
Unit Weight of Soil Above Water Table:	115.0 pcf
Unit Weight of Water:	62.4 pcf
Unit Weight of Soil Below Water Table:	50.0 pcf
Friction Angle of Uplift:	15.0 Degrees
Ultimate Coefficient of Shear Friction:	0.30
Ultimate Compressive Bearing Pressure:	12000.0 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):	3000 psi
Pad Tension Steel Depth:	32.00 in
ϕ_{Shear} :	0.75
$\phi_{\text{Flexure / Tension}}$:	0.90
$\phi_{\text{Compression}}$:	0.65
β :	0.85
Bottom Pad Rebar Size #:	10
# of Bottom Pad Rebar:	34
Pad Bottom Steel Area:	43.18 in ²
Pad Steel F_y :	60000 psi
Top Pad Rebar Size #:	10
# of Top Pad Rebar:	34
Pad Top Steel Area:	43.18 in ²
Pier Rebar Size #:	11
Pier Steel Area (Single Bar):	1.56 in ²
# of Pier Rebar:	52
Pier Steel F_y :	60000 psi
Pier Cage Diameter:	59.7 in
Rebar Strain Limit:	0.008
Steel Elastic Modulus:	29000 ksi
Tie Rebar Size #:	4
Tie Steel Area (Single Bar):	0.20 in ²
Tie Spacing:	12 in
Tie Steel F_y :	60000 psi

Overturning Moment Usage

Design OTM:	4243.8 k-ft
Weight of Soil and Concrete OTM Resistance:	495.3 k
OTM Resistance from Soil and Concrete:	4458.0 k-ft
OTM Resistance from Tower:	406.5 k-ft
OTM Resistance from Soil Failure:	332.2 k-ft
OTM Resistance from Passive Pressure on Pad Face:	0.0 k-ft
OTM Resistance:	4677.0 k-ft
Design OTM / OTM Resistance:	0.91 Result: OK

Soil Bearing Pressure Usage

Net Bearing Pressure:	8804 psf
Factored Nominal Bearing Pressure:	9000 psf
Net Bearing Pressure/Factored Nominal Bearing Pressure:	0.98 Result: OK
Load Direction Controlling Design Bearing Pressure:	Diagonal to Pad Edge

Sliding Factor of Safety

Total Factored Sliding Resistance:	121.6 k
Sliding Design / Sliding Resistance:	0.33 Result: OK

One Way Shear, Flexural Capacity, and Punching Shear

Factored One Way Shear (V_u):	298.9 k
One Way Shear Capacity (ϕV_c):	456.9 k - ACI11.3.1.1
$V_u / \phi V_c$:	0.65 Result: OK
Load Direction Controlling Shear Capacity:	Diagonal to Pad Edge
Lower Steel Pad Factored Moment (M_u):	1715.0 k-ft
Lower Steel Pad Moment Capacity (ϕM_n):	5829.5 k-ft - ACI10.3
$M_u / \phi M_n$:	0.29 Result: OK
Load Direction Controlling Flexural Capacity:	Parallel to Pad Edge
Upper Steel Pad Factored Moment (M_u):	563.4 k-ft
Upper Steel Pad Moment Capacity (ϕM_n):	5829.5 k-ft
$M_u / \phi M_n$:	0.10 Result: OK
Lower Pad Flexural Reinforcement Ratio:	0.0062 OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Upper Pad Flexural Reinforcement Ratio:	0.0062 OK - Minimum Reinforcement Ratio Met - ACI10.5.1
Lower Pad Reinforcement Spacing:	6 in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Upper Pad Reinforcement Spacing:	6 in - Pad Reinforcing Spacing OK - ACI7.12.2.2 & 10.5.4
Factored Punching Shear (V_u):	0.0 k
Nominal Punching Shear Capacity ($\phi_c V_n$):	1646.6 k - ACI11.12.2.1
$V_u / \phi V_c$:	0.00 Result: OK
Factored Moment in Pier (M_u):	4124.8 k-ft
Pier Moment Capacity (ϕM_n):	10652.2 k-ft
$M_u / \phi M_n$:	0.39 Result: OK
Factored Shear in Pier (V_u):	39.7 k
Pier Shear Capacity (ϕV_n):	300.1 k
$V_u / \phi V_c$:	0.13 Result: OK
Pier Shear Reinforcement Ratio:	0.0006 No Ties Necessary for Shear - ACI11.5.6.1
Factored Tension in Pier (T_u):	0.0 k
Pier Tension Capacity (ϕT_n):	4380.5 k
$T_u / \phi T_n$:	0.00 Result: OK
Factored Compression in Pier (P_u):	111.4 k
Pier Compression Capacity (ϕP_n):	4662.8 k - ACI10.3.6.2
$P_u / \phi P_n$:	0.02 Result: OK
Pier Compression Reinforcement Ratio:	0.023 OK - Reinforcement Ratio Met - ACI10.9.1 & 10.8.4
$M_u / \phi M_n + T_u / \phi T_n$:	0.39 Result: OK

Nominal and Design Moment Capacity and Factored Design Loads

