T-Mobile Northeast, LLC NOTICE OF INTENT TO MODIFY AN EXISTING TELECOMMUNICATIONS FACILITY AT 405 BRUSHY PLAIN ROAD, BRANFORD, CONNECTICUT

Pursuant to the Public Utility Environmental Standards Act, Connecticut General Statutes § 16-50g et. Seq. ("PUESA"), and Sections 16-50j-72(b) and 16-50j-73 of the Regulations of Connecticut State Agencies ("R.C.S.A") adopted pursuant to the PUESA, by and through T-Mobile Northeast, LLC ("T-Mobile") and as successor in interest to Omnipoint Communications, Inc., hereby notifies the Connecticut Siting Council of its intent to modify an existing facility located at 405 Brushy Plain Road, Branford, CT.

T-Mobile Northeast LLC's Proposed Wireless Modifications

T-Mobile as successor in interest to Omnipoint Communications achieved an initial exempt modification approval from the Siting Council to install antennas and related ground equipment. The facility consists of a One-Hundred and fifty (150') foot high Monopole telecommunications tower (the "Tower") within a fenced compound. T-Mobile now intends to modify the facility as shown on the enclosed plans prepared by Infinigy Engineering group and annexed hereto as Exhibit 1. The modifications will consist of adding three (3) new antennas with RRUS at the existing AGL of 140'. A structural analysis has been completed for the site. Please see report attached in exhibit 3.

T-mobile's Proposed Wireless Modifications Constitutes An "Exempt Modification"

The proposed modification to the 405 Brushy Plain Road, Branford, CT Facility constitutes an exempt modification of an existing facility provided for in R.C.S.A Section 16-50j-72(b)(2) and Council regulations promulgated pursuant thereto.

1) The proposed modifications will be to add three (3) antennas at the same AGL of 140'along with RRUS
2) The proposed modifications will not require expansion of the site boundaries.
3) The proposed modifications will not increase noise levels at the facility by six decibels or more.
4) T-Mobile Northeast LLC's proposed facility will not increase the cumulative radio frequency electromagnetic radiation power density at the Tower site's boundary to or above the standard adopted by the Connecticut Department of Environmental Protection as set forth in Section 22a-162 of the Connecticut General Statutes and MPE limits established by the Federal Communications Commission. A cumulative General Power Density table for T-Mobile's proposed modified facility is included as Exhibit 2.

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

Respectfully submitted,

Amber Debole (781) 424-9253
On behalf of T-Mobile Northeast, LLC
c/o Tower Resource Management, Inc.
16 Chestnut Street, Suite 220
Foxboro, MA 02035

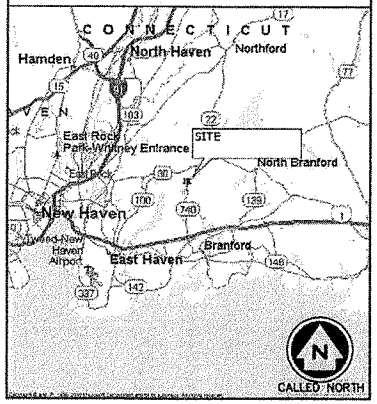
T-MOBILE NORTHEAST LLC

CTNH102C
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

(702Cu CONFIGURATION)

VICINITY MAP



DO NOT SCALE DRAWINGS

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

CALL:
"CALL BEFORE YOU DIG"
WWW.CBYD.COM
CALL 811, OR 1-800-922-4455
CALL THREE WORKING DAYS PRIOR TO DIGGING
SAFETY PRECAUTIONS SHALL BE IMPLEMENTED BY CONTRACTOR(S) AT ALL TIMES IN ACCORDANCE WITH CURRENT OSHA STANDARDS.

COLOR CODE FOR UTILITY LOCATIONS

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

GENERAL NOTES

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

PROJECT SUMMARY

SITE NUMBER:	CTNH102C	APPLICANT:	T-MOBILE NORTHEAST LLC 400 STREET RD BENSALEM, PA 19020
SITE NAME:	CT 102/BRANFORD AMERICAN TOWER		
SITE ADDRESS:	405 BRUSHY PLAIN ROAD BRANFORD, CT 06405	PROJECT MANAGER:	AMERICAN TOWER CORPORATION 319 QUARRY ROAD SPRING CITY, PA 19475
PROPERTY OWNER:	DOROTHY MCCARTHY 4 SYLVAN WAY PARSIPPANY, NJ 07054		
PARCEL:	TBD	CONTACT:	BRUCE HOFFMASTER 484-942-6339
CURRENT ZONING:	TBD		
JURISDICTION:	TBD	ARCHITECT/ENGINEER:	INFINIGY ENGINEERING 1033 WATERVLIET SHAKER ROAD ALBANY, NY 12205
ATC SITE NUMBER:	302484		
LAT./LONG.:	N 41.31676° / W 72.81961°		
CONSTRUCTION TYPE:	–	CONTACT:	ALEX WELLER 518-690-0790
USE GROUP:	–		

PROJECT DESCRIPTION

☒ EXISTING MONOPOLE	☒ EXISTING CABINET(S)	☒ OUTDOOR
☐ EXISTING LATTICE TOWER	☐ EXISTING RBS 2106	☐ INDOOR
☐ EXISTING TRANSMISSION TOWER	☒ EXISTING RBS 3106	☒ EXISTING CONCRETE PAD
☐ EXISTING WATER TANK	☐ PROPOSED RBS 6102	☐ EXISTING STEEL PLATFORM
☐ EXISTING BUILDING	☐ SITE SUPPORT KIT	☒ EXISTING PPC
☐ EXISTING FLAGPOLE	☐ SITE SUPPORT CABINET	☐ PANELBOARD
☐ EXISTING FORT WORTH	☒ GPS	

T-MOBILE NORTHEAST LLC PROPOSES THE MODIFICATION OF AN UNMANNED WIRELESS BROADBAND FACILITY. ADDITION OF PROPOSED LTE 700 PANEL ANTENNAS & RRUS. REUSE EXISTING HYBRID CABLE, GPS ANTENNA AND EXISTING EQUIPMENT CABINETS.

SHEET INDEX

SHEET	DESCRIPTION	REVISION
T-1	TITLE SHEET	0
C-1	SITE PLAN	0
C-2	COMPOUND PLAN & ELEVATION	0
C-3	ANTENNA DETAIL & RF SCHEDULE	0
C-4	EQUIPMENT SPECIFICATIONS	0
E-1	GROUNDING AND POWER DIAGRAMS	0
E-2	COAX/FIBER PLUMBING DIAGRAM	0
N-1	GENERAL AND ELECTRICAL NOTES	0

T-Mobile

INFINIGY Design. Build. Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/15	FOR PERMIT	0

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

PROJECT NO: 317-000
DRAWN BY: JLM
CHECKED BY: AJW

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

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

SITE NUMBER:
CTNH102C

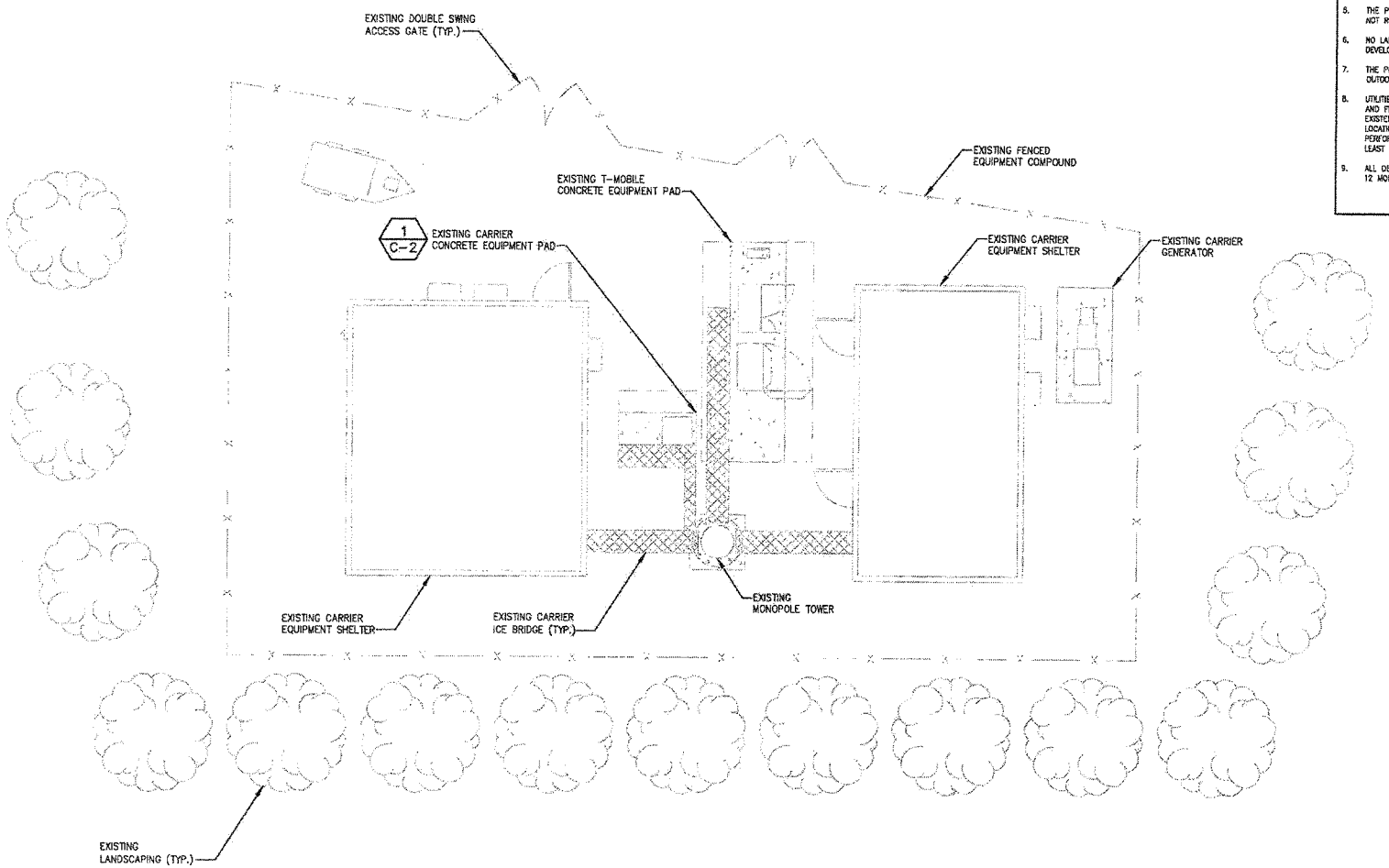
SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1

SHEET 1 OF 8 SHEETS



CALLED NORTH

1 COMPOUND PLAN
SCALE: AS NOTED

GENERAL SITE NOTES:

1. A COMPLETE BOUNDARY SURVEY OF THE HOST PARCEL HAS NOT BEEN PERFORMED BY INFINIGY. BOUNDARY INFORMATION IF SHOWN 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
-x-x-	CHAIN LINK FENCE
-o-o-	OPAQUE WOODEN FENCE
	TREES/SHRUBS
	TREE LINE
	UTILITY POLE
(E)	EXISTING
(N)	NEW
(P)	PROPOSED
(F)	FUTURE

GRAPHIC SCALE

20' 10' 0 10' 20'

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

T-Mobile
T-MOBILE NORTHEAST LLC
400 STREET ROAD
SOUDERTON, PA 18964

INFINIGY Design. Build. Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/15	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MAN			
ZONING			
RPR			
SONDER			
SITE AC			

PROJECT NO:	317-000
DRAWN BY:	JLM
CHECKED BY:	AJW

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

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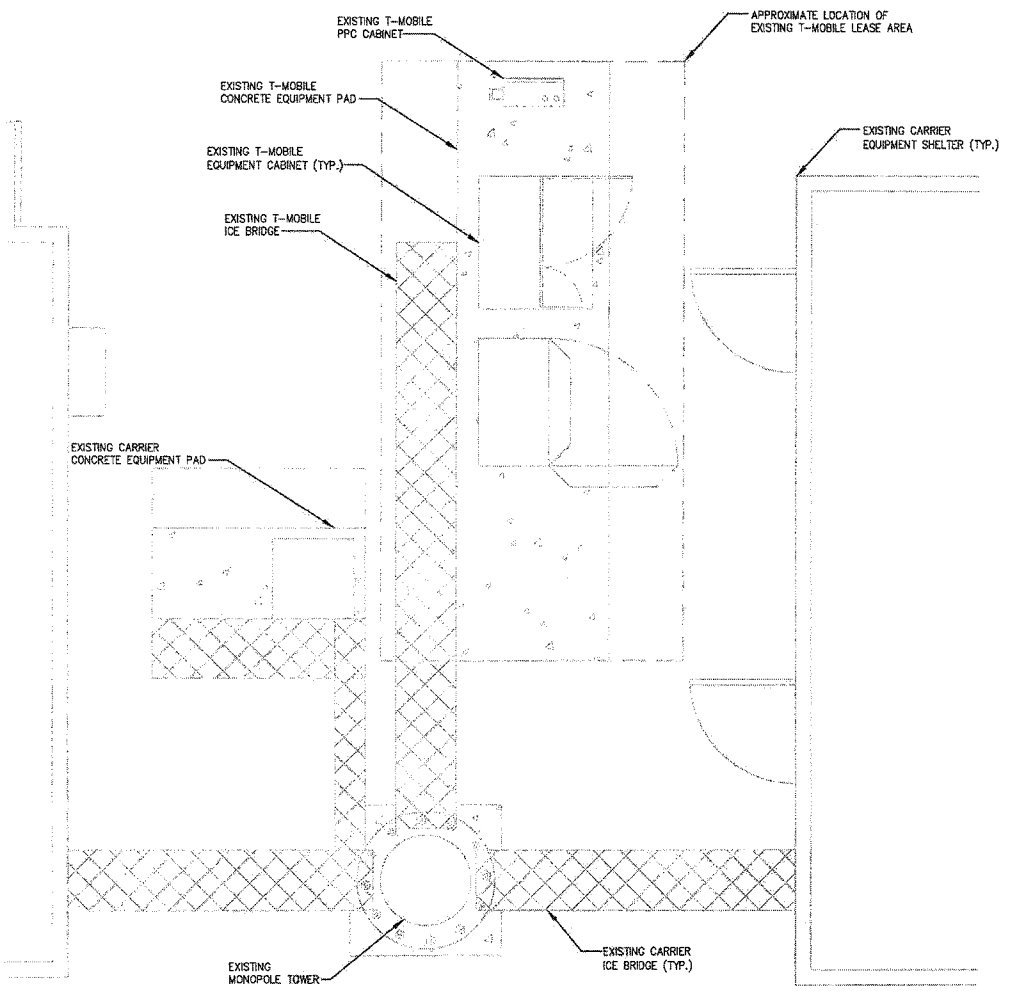
405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE
SITE PLAN

SHEET NUMBER
C-1



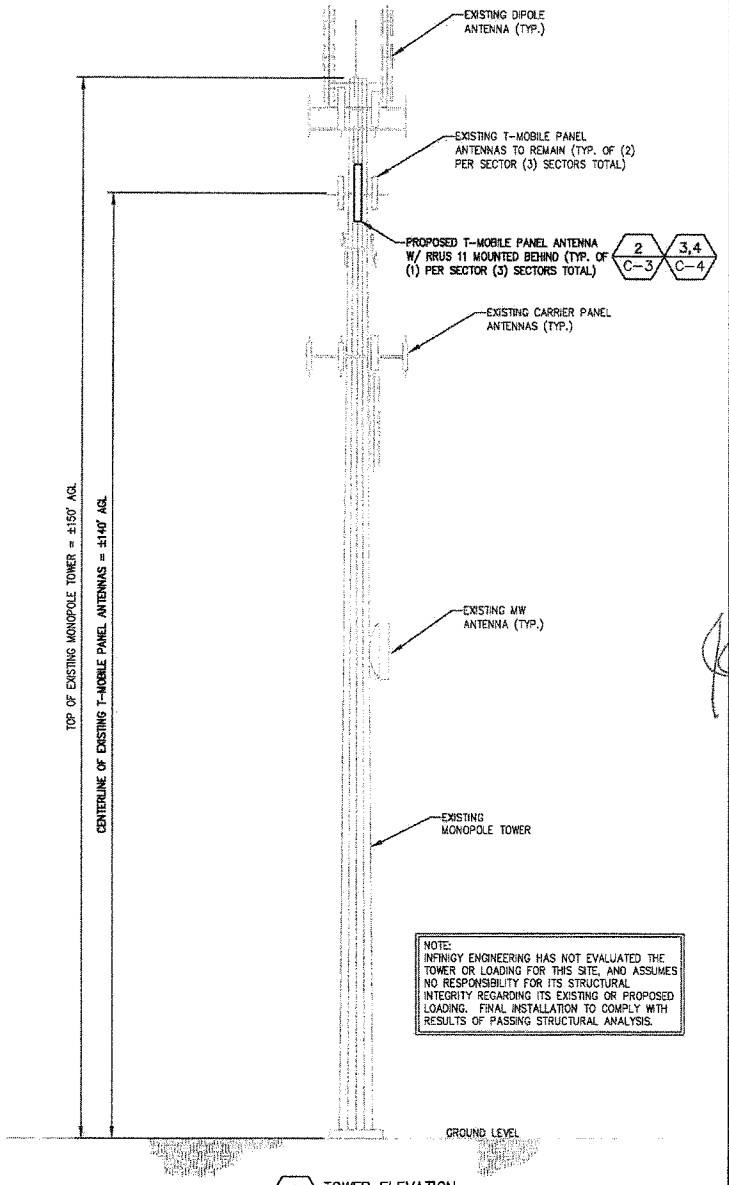
CALLED NORTH

1 — COMPOUND PLAN
SCALE: AS NOTED

GRAPHIC SCALE

4' 2' 0 2' 4'

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



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.

2 — TOWER ELEVATION
NOT TO SCALE

T-Mobile

T-MOBILE NORTHEAST LLC
35 STREET ROAD
EDISON, NJ 08837

INFINIGY Design. Build. Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/15	FOR PERMIT	0

REVIS.	DATE	APP'D	REVISIONS
RFDS			
RF MAP			
ZONING			
OPS			
CONSTR.			
SITE AC.			

PROJECT NO:	317-000
DRAWN BY:	JLM
CHECKED BY:	AJW

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

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SITE NUMBER:
CTNH102C

SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE

COMPOUND PLAN & ELEVATION

SHEET NUMBER

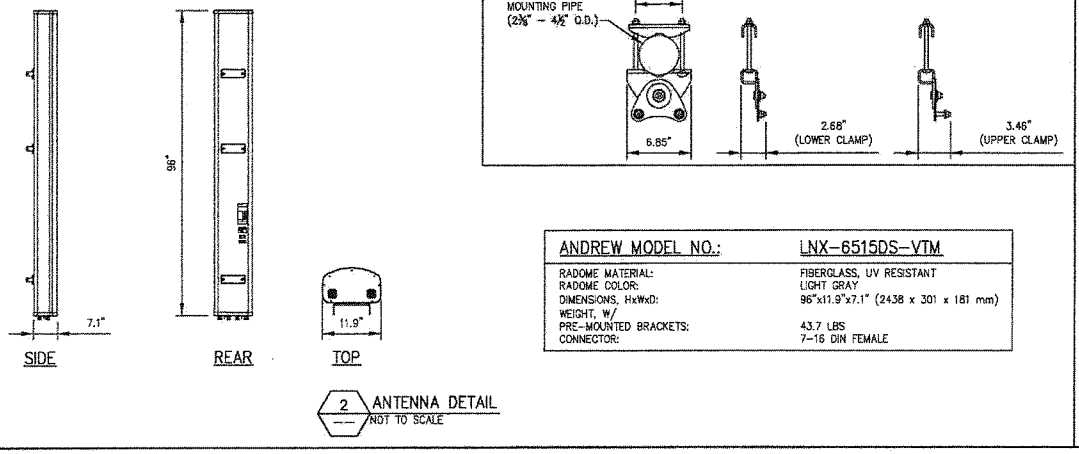
C-2

RF SYSTEM SCHEDULE (702Cu CONFIGURATION)

SECTOR	TECHNOLOGY	ANTENNA PORT	BAND	ANTENNA MODEL #	VENDOR	QTY (REMOVED)	QTY (NEW)	AZIMUTH	M-TILT	E-TILT	ANTENNA CENTERLINE	TMA MODEL #	VENDOR	RRU 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	0	0	120°	0°	3°	140'-0"	(EXISTING) KRY 112 144/1	ERICSSON			EXISTING	1⅝"	COAX	EXISTING	N/A	UMTS AWS A1	B	COAX	UMTS AWS A1	B
		RF #2														EXISTING	1⅝"	COAX	EXISTING	N/A	UMTS AWS A2	B	COAX	UMTS AWS A2	B
	LMU	LMU #1	–									–	–	–	–	EXISTING	1⅝"	COAX	EXISTING	N/A	LMU A1	–	COAX	LMU A1	–
		LMU #2														EXISTING	1⅝"	COAX	EXISTING	N/A	LMU A2	–	COAX	LMU A2	–
	GSM	OPTICAL #1	B2A									–	–	–	–	EXISTING		HYBRID	MASTERLINE EXTREME HYBRID (3x6)	ERICSSON	FIBER 1	O	FIBER	GSM 1900 A1	R
	UMTS	OPTICAL #2																					FIBER	UMTS 1900 A2	G
	LTE 700	**TBD**	**B12P**	**LNX-6515DS-VTM**	**ANDREW**	**0**	**1**	**120°**	**0°**	**2°**	**140'-0"**	–	–	**(PROPOSED) RRUS 11**	**ERICSSON**	(ANTENNA CONNECTED VIA EXISTING HYBRID CABLE.)							**FIBER**	**LTE 700 FIBER**	–
	LTE AWS	OPTICAL #1	B4A	AIR21	ERICSSON	0	0	120°	0°	3°	140'-0"	–	–	–	–	(ANTENNA CONNECTED VIA EXISTING HYBRID CABLE.)							FIBER	LTE FIBER 1	Y
B	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	0	0	200°	0°	10°	140'-0"	(EXISTING) KRY 112 144/1	ERICSSON			EXISTING	1⅝"	COAX	EXISTING	N/A	UMTS AWS A1	B	COAX	UMTS AWS A1	BB
		RF #2														EXISTING	1⅝"	COAX	EXISTING	N/A	UMTS AWS A2	B	COAX	UMTS AWS A2	BB
	LMU	LMU #1	–									–	–	–	–	EXISTING	1⅝"	COAX	EXISTING	N/A	LMU A1	–	COAX	LMU A1	–
		LMU #2														EXISTING	1⅝"	COAX	EXISTING	N/A	LMU A2	–	COAX	LMU A2	–
	GSM	OPTICAL #1	B2A									–	–	–	–	EXISTING		HYBRID	MASTERLINE EXTREME HYBRID (3x6)	ERICSSON	FIBER 1	O	FIBER	GSM 1900 A1	RR
	UMTS	OPTICAL #2																					FIBER	UMTS 1900 A2	GG
	LTE 700	**TBD**	**B12P**	**LNX-6515DS-VTM**	**ANDREW**	**0**	**1**	**200°**	**0°**	**2°**	**140'-0"**	–	–	**(PROPOSED) RRUS 11**	**ERICSSON**	(ANTENNA CONNECTED VIA EXISTING HYBRID CABLE.)							**FIBER**	**LTE 700 FIBER**	–
	LTE AWS	OPTICAL #1	B4A	AIR21	ERICSSON	0	0	200°	0°	10°	140'-0"	–	–	–	–	(ANTENNA CONNECTED VIA EXISTING HYBRID CABLE.)							FIBER	LTE FIBER 1	YY
C	UMTS AWS	RF #1	B4P	AIR21	ERICSSON	0	0	300°	0°	7°	140'-0"	(EXISTING) KRY 112 144/1	ERICSSON			EXISTING	1⅝"	COAX	EXISTING	N/A	UMTS AWS A1	B	COAX	UMTS AWS A1	BBB
		RF #2														EXISTING	1⅝"	COAX	EXISTING	N/A	UMTS AWS A2	B	COAX	UMTS AWS A2	BBB
	LMU	LMU #1	–									–	–	–	–	EXISTING	1⅝"	COAX	EXISTING	N/A	LMU A1	–	COAX	LMU A1	–
		LMU #2														EXISTING	1⅝"	COAX	EXISTING	N/A	LMU A2	–	COAX	LMU A2	–
	GSM	OPTICAL #1	B2A									–	–	–	–	EXISTING		HYBRID	MASTERLINE EXTREME HYBRID (3x6)	ERICSSON	FIBER 1	O	FIBER	GSM 1900 A1	RRR
	UMTS	OPTICAL #2																					FIBER	UMTS 1900 A2	GGG
	LTE 700	**TBD**	**B12P**	**LNX-6515DS-VTM**	**ANDREW**	**0**	**1**	**300°**	**0°**	**2°**	**140'-0"**	–	–	**(PROPOSED) RRUS 11**	**ERICSSON**	(ANTENNA CONNECTED VIA EXISTING HYBRID CABLE.)							**FIBER**	**LTE 700 FIBER**	–
	LTE AWS	OPTICAL #1	B4A	AIR21	ERICSSON	0	0	300°	0°	7°	140'-0"	–	–	–	–	(ANTENNA CONNECTED VIA EXISTING HYBRID CABLE.)							FIBER	LTE FIBER 1	YYY

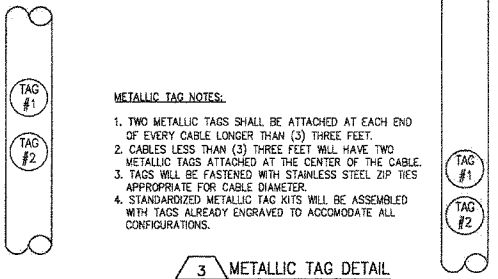
KEY	
EXISTING	R – RED – GSM
PROPOSED	G – GREEN – UMTS 1900
FIBER CONNECTION	B – BLUE – UMTS AWS
	Y – YELLOW – LTE
	O – ORANGE – FIBER CABLE

1 RF SCHEDULE
NOT TO SCALE



2 ANTENNA DETAIL
NOT TO SCALE

ANDREW MODEL NO.:	LNX-6515DS-VTM
RADOME MATERIAL:	FIBERGLASS, UV RESISTANT
RADOME COLOR:	LIGHT GRAY
DIMENSIONS, HxWxD:	96"x11.9"x7.1" (2438 x 301 x 181 mm)
WEIGHT, W/ PRE-MOUNTED BRACKETS:	43.7 LBS
CONNECTOR:	7-16 DIN FEMALE



METALLIC TAG NOTES:

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

3 METALLIC TAG DETAIL
NOT TO SCALE

T-Mobile
T-MOBILE NORTHEAST LLC
FOR STOLLY ROAD
BRANFORD, CT 06405

INFINIGY Design. Build. Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0799

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/15	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF MGR.			
ZONING			
CMS			
CONSTR.			
SITE AC.			

PROJECT NO: 317-000
DRAWN BY: JLM
CHECKED BY: AJW

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

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

SITE NUMBER:
CTNH102C

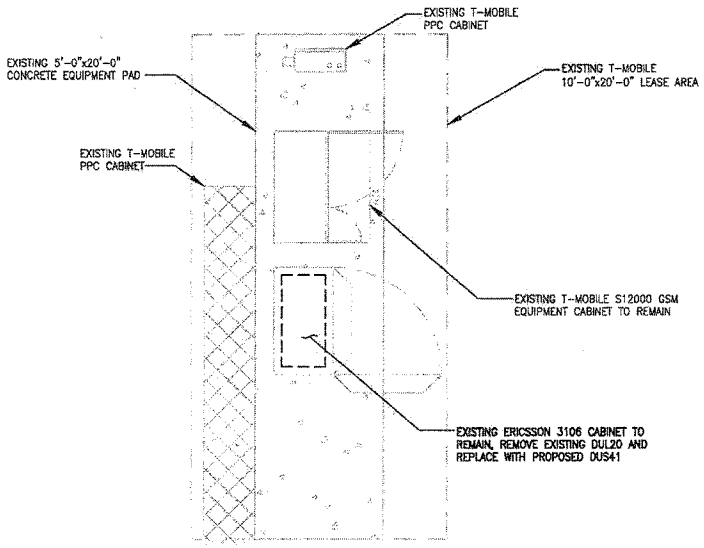
SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE
ANTENNA DETAIL & RF SCHEDULE

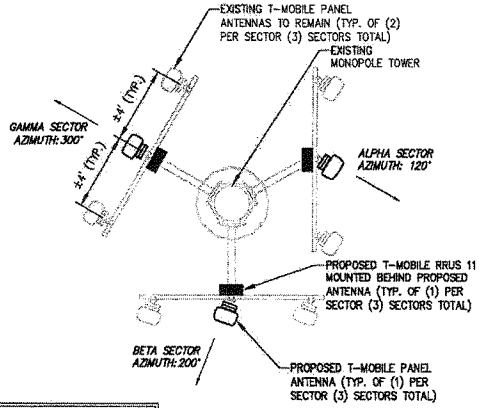
SHEET NUMBER
C-3

SHEET 4 OF 8 SHEETS



CALLED NORTH

1 EQUIPMENT PAD LAYOUT PLAN
NOT TO SCALE



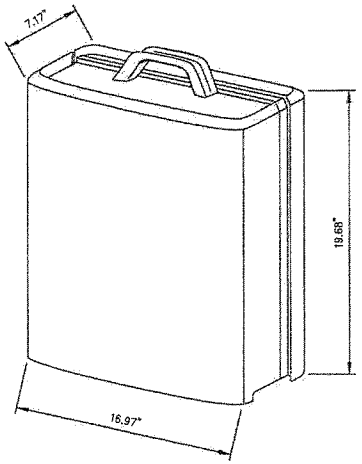
NOTE:
CONTRACTOR TO ADJUST ANTENNAS AS NEEDED TO ACCOMODATE FOR THE PROPOSED PANEL ANTENNAS.

CALLED NORTH

2 ANTENNA ORIENTATION PLAN
NOT TO SCALE

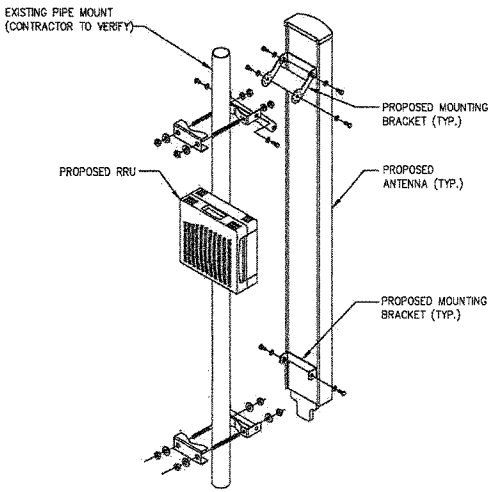
STRUCTURAL NOTES:

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: fc' - 3000psi. (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"Øx4 3/4" EMBEDMENT OR AN APPROVED EQUAL.



ERICSSON MODEL NO.:	RRUS11
COLOR:	GRAY
DIMENSIONS, HxWxD:	19.68"x16.97"x7.17" (500 x 431 x 182 mm)
WEIGHT:	50.71 LBS (23 kg)

3 RRUS 11 DETAIL
NOT TO SCALE



4 MOUNTING DETAIL
NOT TO SCALE

T-Mobile

T-MOBILE NORTHEAST LLC
500 S RIDGE ROAD
WALLINGFORD, PA 19086

INFINIGY
Design, Build, Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/19	FOR PERMIT	0

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

PROJECT NO:	317-000
DRAWN BY:	JLM
CHECKED BY:	AJW

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

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

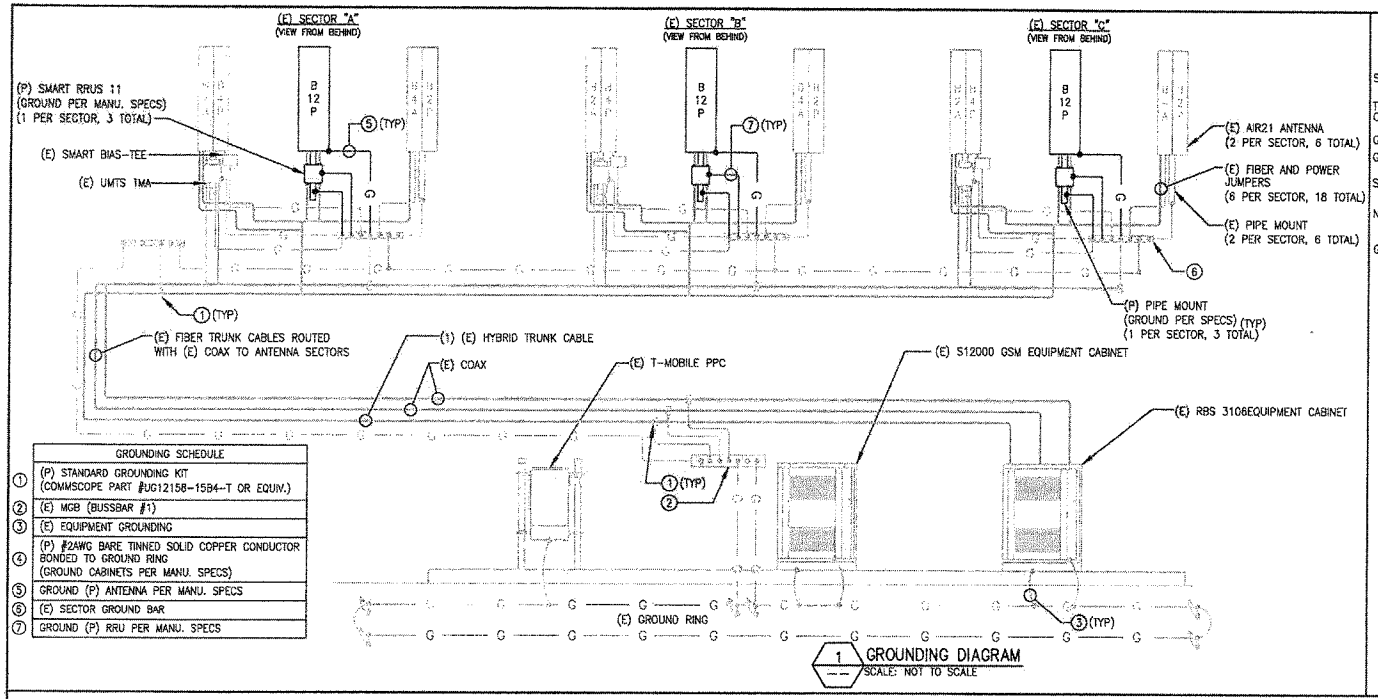
SITE NUMBER:
CTNH102C

SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

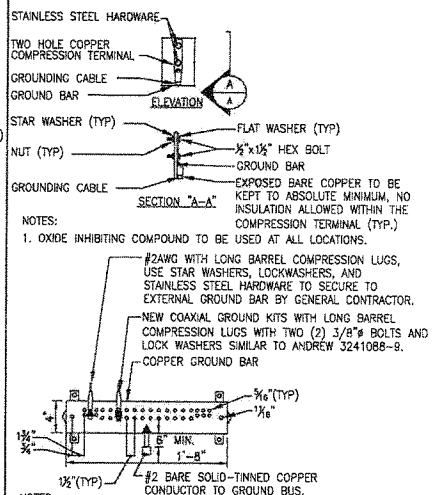
SHEET TITLE
EQUIPMENT SPECIFICATIONS

SHEET NUMBER
C-4



GROUNDING SCHEDULE	
①	(P) STANDARD GROUNDING KIT (COMMSCOPE PART #UG12158-15B4-T OR EQUIV.)
②	(E) MGB (BUSSBAR #1)
③	(E) EQUIPMENT GROUNDING
④	(P) #2AWG BARE TINNED SOLID COPPER CONDUCTOR BONDED TO GROUND RING (GROUND CABINETS PER MANU. SPECS)
⑤	GROUND (P) ANTENNA PER MANU. SPECS
⑥	(E) SECTOR GROUND BAR
⑦	GROUND (P) RRU PER MANU. SPECS

1 GROUNDING DIAGRAM
SCALE: NOT TO SCALE

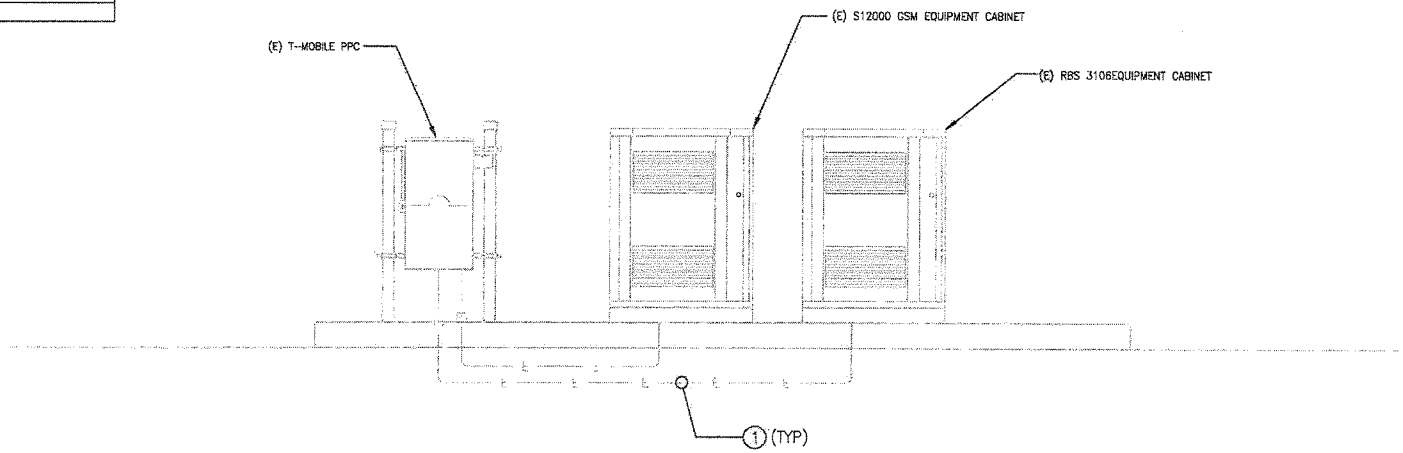


NOTES:
1. OXIDE INHIBITING COMPOUND TO BE USED AT ALL LOCATIONS.

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

2 GROUND BAR CONNECTION DETAILS
SCALE: NOT TO SCALE

CONDUIT SCHEDULE	
①	(E) POWER CONDUIT



3 POWER DIAGRAM
SCALE: NOT TO SCALE

T-Mobile
T-MOBILE NORTHEAST LLC
600 STEWART ROAD
WILKES-BARRE, PA 18706

INFINIGY
Design. Build. Deliver.
1063 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0792
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/15	FOR PERMIT	0

DSPL	DATE	APP'D	REVISIONS
RFE			
RF MAN.			
ZONING			
GPS			
CONSTR.			
SITE ACQ.			

PROJECT NO:	317-009
DRAWN BY:	JLM
CHECKED BY:	AJW

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

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

SITE NUMBER:
CTNH102C

SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

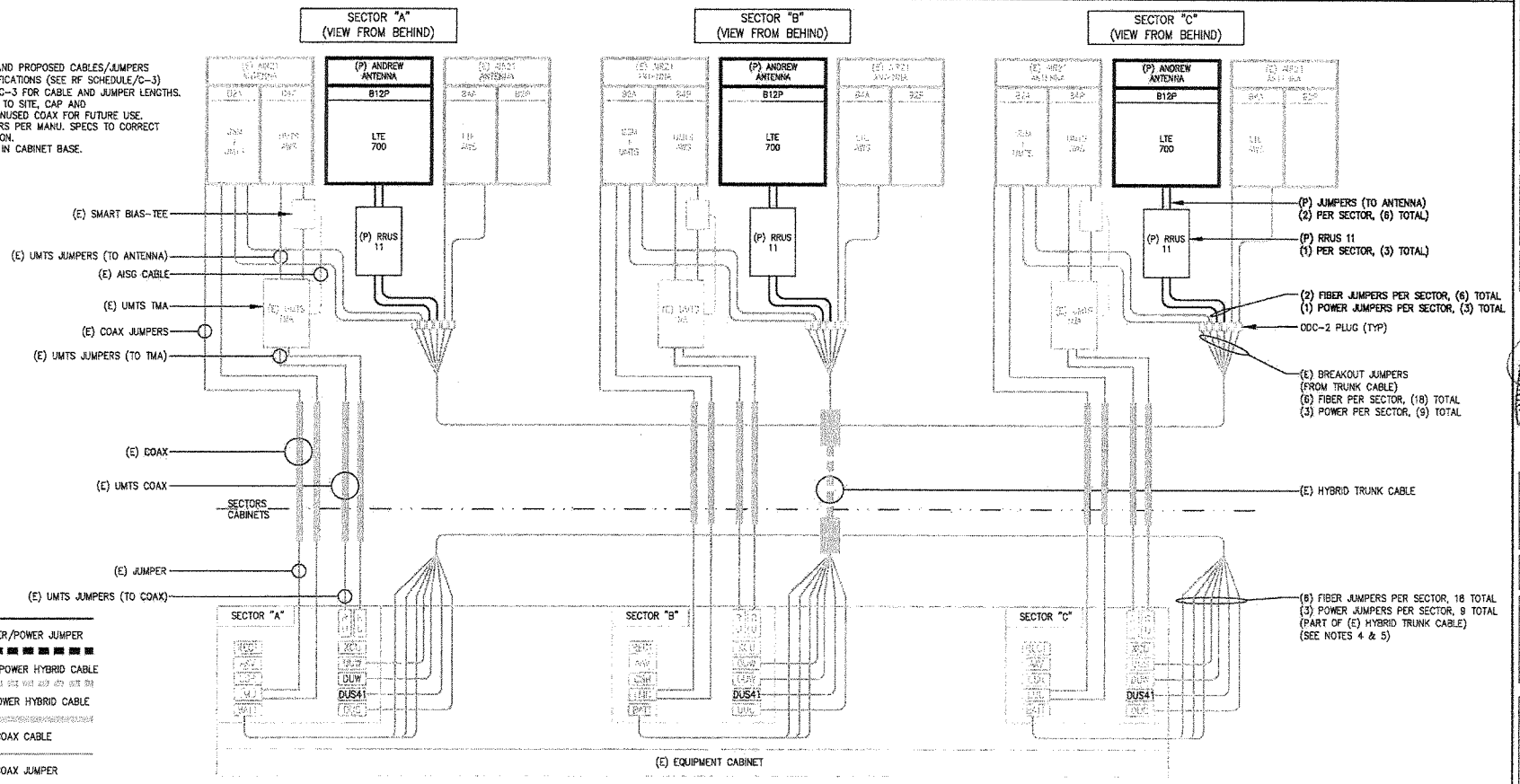
405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE
GROUNDING & POWER DIAGRAMS

SHEET NUMBER
E-1

SHEET 6 OF 8 SHEETS

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



PROPOSED FIBER/POWER JUMPER
PROPOSED FIBER/POWER HYBRID CABLE
EXISTING FIBER/POWER HYBRID CABLE
EXISTING COAX CABLE
EXISTING COAX JUMPER

1 — NOT TO SCALE
702Cu CONFIGURATION COAX/FIBER PLUMBING DIAGRAM

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

INFINIGY Design. Build. Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/19	FOR PERMIT	0

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

PROJECT NO: 317-000
DRAWN BY: JLM
CHECKED BY: AJW

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

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

SITE NUMBER:
CTNH102C

SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE
COAX/FIBER PLUMBING DIAGRAM

SHEET NUMBER
E-2

ELECTRICAL NOTES:

WORK INCLUDED

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

GENERAL REQUIREMENTS

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

GUARANTEE

1. GUARANTEE MATERIALS, PARTS AND LABOR FOR WORK FOR ONE YEAR FROM THE DATE OF ISSUANCE OF OCCUPANCY PERMIT. DURING THAT PERIOD, MAKE GOOD FAULTS OR IMPERFECTIONS THAT MAY ARISE DUE TO DEFECTS OR OMISSIONS IN MATERIALS OR WORKMANSHIP WITH NO ADDITIONAL COMPENSATION AND AS DIRECTED BY ARCHITECT.

CLEANING

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

COORDINATION AND SUPERVISION

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

SUBMITTALS

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

CUTTING AND PATCHING

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

TESTS, INSPECTION AND APPROVAL

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

SPECIAL REQUIREMENTS

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

GROUNDING

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

RACEWAYS

1. ALL WIRING TO BE INSTALLED IN CONDUIT SYSTEMS IN ACCORDANCE WITH THE FOLLOWING:
   - A. EXTERIOR SITE LIGHTING AND CONTROL, WHERE UNDERGROUND, TO BE IN SCH 40 PVC.
   - B. EXTERIOR, ABOVE GROUND POWER CONDUITS TO BE GALVANIZED RIGID STEEL (RGS).
   - C. ALL TELECOMMUNICATION CONDUITS, INTERIOR/EXTERIOR, TO BE EMT.
   - D. INSTALL PULL ROPES IN ALL NEW EMPTY CONDUITS INSTALLED ON THIS PROJECT.
   - E. ALL TELECOM CONDUITS AND PULL BOXES INSTALLED ON THIS PROJECT TO BE LABELED "T-MOBILE". OWNER WILL PROVIDE LABELS FOR CONTRACTOR TO INSTALL.
   - F. INTERIOR FEEDERS TO BE INSTALLED IN E.M.T. WITH STEEL COMPRESSION FITTINGS.
   - G. MINIMUM SIZE CONDUIT TO BE ¾" TRADE SIZE UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
   - H. FINAL CONNECTIONS TO MOTORS AND VIBRATING EQUIPMENT TO BE INSTALLED IN LIQUID-TIGHT FLEXIBLE METAL CONDUIT.
   - I. CONDUIT TO BE RUN CONCEALED IN CEILINGS, FINISHED AREAS OR DRYWALL PARTITIONS, UNLESS OTHERWISE NOTED.
   - J. THE ROUTING OF CONDUITS INDICATED ON THE DRAWINGS IS DIAGRAMMATIC. BEFORE INSTALLING ANY WORK, EXAMINE THE WORKING LAYOUTS AND SHOP DRAWINGS OF THE OTHER TRADES TO DETERMINE THE EXACT LOCATIONS AND CLEARANCES.
   - K. ALL EXTERIOR MOUNTING HARDWARE TO BE GALVANIZED STEEL. COORDINATE WITH BUILDING ENGINEER PRIOR TO ATTACHING TO BUILDING STRUCTURE.

RACEWAYS CONT'D

- L. PENETRATIONS OF WALLS, FLOORS AND ROOFS, FOR THE PASSAGE OF ELECTRICAL RACEWAYS, TO BE PROPERLY SEALED AFTER INSTALLATION OF RACEWAYS SO AS TO MAINTAIN THE STRUCTURAL OR WATERPROOF INTEGRITY OF THE WALL, FLOOR OR ROOF SYSTEM TO BE PENETRATED. SEAL ALL CONDUIT PENETRATIONS THROUGH FIRE OR SMOKE RATED WALLS, CEILINGS OR SMOKE TIGHT CORRIDOR PARTITIONS TO MAINTAIN PROPER RATING OF WALL OR CEILING.
- M. PROVIDE ALL CONDUIT ENDS WITH INSULATED METALLIC GROUNDING BUSHINGS.
- N. CONDUIT TO BE SUPPORTED AT MAXIMUM DISTANCE OF 6'-0", OR AS REQUIRED BY NEC, IN HORIZONTAL AND VERTICAL DIRECTIONS.
- O. PROVIDE STAINLESS STEEL BLANK COVER PLATES FOR ALL JUNCTION BOXES AND/OR OUTLET BOXES NOT USED IN EXPOSED AREAS. PROVIDE ALL OTHER UNUSED BOXES WITH STANDARD STEEL COVER PLATES.
- P. WHERE APPLICABLE, PROVIDE ROOFTOP CONDUIT SUPPORT SYSTEM, CONFORMING TO ROOFTOP WARRANTY REQUIREMENTS, PER BUILDING.

WIRES AND CABLES

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

LENGTH (FT.)	HOME RUN WIRE SIZE
0 TO 50	NO. 12
51 TO 100	NO. 10
101 TO 150	NO. 8

8. VOLTAGE DROP IS NOT TO EXCEED 3%.
9. MAKE ALL CONNECTIONS WITH UL APPROVED, SOLDERLESS, PRESSURE TYPE INSULATED CONNECTORS: SCOTCHLOK OR AND APPROVED EQUAL.

WIRING DEVICES

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

DISCONNECT SWITCHES AND FUSES

1. DISCONNECT SWITCHES TO BE VOLTAGE-RATED TO SUIT THE CHARACTERISTICS OF THE SYSTEM FROM WHICH THEY ARE SUPPLIED.
2. PROVIDE HEAVY-DUTY, METAL-ENCLOSED, EXTERNALLY-OPERATED DISCONNECT SWITCHES, FUSED OR UNFUSED, OF SUCH TYPE AND SIZE AS REQUIRED TO PROPERLY PROTECT OR DISCONNECT THE LOAD FOR WHICH THEY ARE INTENDED.
3. PROVIDE NEMA 1 DISCONNECT SWITCHES FOR INTERIOR INSTALLATION, NEMA 3R FOR EXTERIOR INSTALLATION.
4. DISCONNECT SWITCHES TO BE MANUFACTURED BY:
   - A. GENERAL ELECTRIC COMPANY
   - B. SQUARE-D
5. PROVIDE RK-1 TYPE FUSES, UNLESS NOTED OTHERWISE.

INSTALLATION

1. INSTALL DISCONNECT SWITCHES WHERE INDICATED ON DRAWINGS.
2. INSTALL FUSES IN FUSIBLE DISCONNECT SWITCHES. FUSES MUST MATCH IN TYPE AND RATING.
3. FUSES TO BE MOUNTED SO THAT THE LABELS SHOWING THEIR RATINGS CAN BE READ WITHOUT REQUIRING FUSE REMOVAL.
4. FURNISH AND DEPOSIT SPARE FUSES AT THE JOB SITE AS FOLLOWS:
   - A. THREE SPARES FOR EACH TYPE AND SIZE, IN EXCESS OF 60A, USED FOR INITIAL FUSING.
   - B. TEN PERCENT SPARES FOR EACH TYPE AND SIZE, UP TO AND INCLUDING 60A, USED FOR INITIAL FUSING. IN NO CASE WILL LESS THAN THREE FUSES OF ONE PARTICULAR TYPE AND SIZE BE FURNISHED.

GENERAL NOTES:

INTENT

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

CONFLICTS

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

CONTRACTS AND WARRANTIES

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

STORAGE

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

CLEANUP

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

CHANGE ORDER PROCEDURE:

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

RELATED DOCUMENTS AND COORDINATION

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

SHOP DRAWINGS

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

PRODUCTS AND SUBSTITUTIONS

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

QUALITY ASSURANCE

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

ADMINISTRATION

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

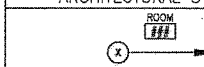
INSURANCE AND BONDS

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

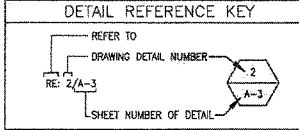
ABBREVIATIONS

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

ARCHITECTURAL SYMBOLS



DETAIL REFERENCE KEY



T-Mobile
T-MOBILE NORTHEAST LLC
600 STATE ROAD
WALLINGFORD, PA 19086

INFINIGY
Design, Build, Deliver.
1033 Watervliet Shaker Rd
Albany, NY 12205
Office # (518) 690-0790
Fax # (518) 690-0793

SUBMITTALS

DATE	DESCRIPTION	REVISION
4/1/13	FOR PERMIT	0

DEPT.	DATE	APP'D	REVISIONS
RFE			
RF ENGR.			
ZONING			
OPS			
DESIGNER			
SITE ACQ.			

PROJECT NO: 317-000
DRAWN BY: JLM
CHECKED BY: AJW

STATE OF CONNECTICUT
JOHN S. STEVENS
No. 24705
LICENSED PROFESSIONAL ENGINEER

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

SITE NUMBER:
CTNH102C

SITE NAME:
CT 102/BRANFORD AMERICAN TOWER

405 BRUSHY PLAIN ROAD
BRANFORD, CT 06405

SHEET TITLE
GENERAL AND ELECTRICAL NOTES

SHEET NUMBER
N-1

SHEET 8 OF 8 SHEETS

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

T-Mobile Existing Facility

Site ID: CTNH102C

CT102/BranfordAmericanTwr
405 Brushy Plain Road
Branford, CT 06405

March 20, 2015

EBI Project Number: 6215001672

Site Compliance Summary	
Compliance Status:	COMPLIANT
Site total MPE% of FCC general public allowable limit:	61.76 %

21 B Street · Burlington, MA 01803 · Tel: (781) 273.2500 · Fax: (781) 273.3311

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March 20, 2015

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

Emissions Analysis for Site: **CTNH102C – CT102/BranfordAmericanTwr**

EBI Consulting was directed to analyze the proposed T-Mobile facility located at **405 Brushy Plain Road, Branford, 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 97-01and ANSI/IEEE Std C95.1. The FCC regulates Maximum Permissible Exposure in units of microwatts per square centimeter (μW/cm2). The number of $\mu W/cm^2$ 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 ($\mu W/cm^2$). The general population exposure limit for the 700 MHz Band is 467 $\mu W/cm^2$, and the general population exposure limit for the PCS and AWS bands is 1000 $\mu W/cm^2$. 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 **405 Brushy Plain Road, Branford, 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, all calculations were performed assuming a lobe representing the maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was focused at the base of the tower. For this report the sample point is the top of a 6 foot person standing at the base of the tower.

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

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

2) 2 UMTS channels (AWS Band – 2100 MHz) were considered for each sector of the proposed installation. These Channels have a transmit power of 30 Watts per Channel.

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

4) 1 LTE channel (700 MHz Band) was considered for each sector of the proposed installation. This channel has a transmit power of 30 Watts.

5) 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.

6) For the following calculations the sample point was the top of a six foot person standing at the base of the tower. The maximum gain of the antenna per the antenna manufactures supplied specifications minus 10 dB was used in this direction. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

7) The antennas used in this modeling are the **Ericsson AIR21 (B4A/B2P& B2A/B4P)** for 1900 MHz (PCS) and 2100 MHz (AWS) channels and the **Commscope LNX-6515DS-VTM** for 700 MHz channels. This is based on feedback from the carrier with regards to anticipated antenna selection. The **Ericsson AIR21 (B4A/B2P& B2A/B4P)** have a maximum gain of **15.9 dBd** at their main lobe. The **Commscope LNX-6515DS-VTM** has a maximum gain of **14.6 dBd** at its main lobe. The maximum gain of the antenna per the antenna manufactures supplied specifications, minus 10 dB, was used for all calculations. This value is a very conservative estimate as gain reductions for these particular antennas are typically much higher in this direction.

8) The antenna mounting height centerline of the proposed antennas is **140 feet** above ground level (AGL).

9) Emissions values for additional carriers were taken from the Connecticut Siting Council active database. Values in this database are provided by the individual carriers themselves.

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

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T-Mobile Site Inventory and Power Data

Sector:	A	Sector:	B	Sector:	C
Antenna #:	1	Antenna #:	1	Antenna #:	1
Make / Model:	Ericsson AIR21 B4A/B2P	Make / Model:	Ericsson AIR21 B4A/B2P	Make / Model:	Ericsson AIR21 B4A/B2P
Gain:	15.9 dBd	Gain:	15.9 dBd	Gain:	15.9 dBd
Height (AGL):	140	Height (AGL):	140	Height (AGL):	140
Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)
Channel Count	2	Channel Count	2	# PCS Channels:	2
Total TX Power:	120	Total TX Power:	120	# AWS Channels:	120
ERP (W):	4,668.54	ERP (W):	4,668.54	ERP (W):	4,668.54
Antenna A1 MPE%	0.93	Antenna B1 MPE%	0.93	Antenna C1 MPE%	0.93
Antenna #:	2	Antenna #:	2	Antenna #:	2
Make / Model:	Ericsson AIR21 B2A/B4P	Make / Model:	Ericsson AIR21 B2A/B4P	Make / Model:	Ericsson AIR21 B2A/B4P
Gain:	15.9 dBd	Gain:	15.9 dBd	Gain:	15.9 dBd
Height (AGL):	140	Height (AGL):	140	Height (AGL):	140
Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)	Frequency Bands	1900 MHz(PCS) / 2100 MHz (AWS)
Channel Count	4	Channel Count	4	Channel Count	4
Total TX Power:	120	Total TX Power:	120	Total TX Power:	120
ERP (W):	4,668.54	ERP (W):	4,668.54	ERP (W):	4,668.54
Antenna A2 MPE%	0.93	Antenna B2 MPE%	0.93	Antenna C2 MPE%	0.93
Antenna #:	3	Antenna #:	3	Antenna #:	3
Make / Model:	Commscope LNX-6515DS-VTM	Make / Model:	Commscope LNX-6515DS-VTM	Make / Model:	Commscope LNX-6515DS-VTM
Gain:	14.6 dBd	Gain:	14.6 dBd	Gain:	14.6 dBd
Height (AGL):	140	Height (AGL):	140	Height (AGL):	140
Frequency Bands	700 MHz	Frequency Bands	700 MHz	Frequency Bands	700 MHz
Channel Count	1	Channel Count	1	Channel Count	1
Total TX Power:	30	Total TX Power:	30	Total TX Power:	30
ERP (W):	865.21	ERP (W):	865.21	ERP (W):	865.21
Antenna A3 MPE%	0.37	Antenna B3 MPE%	0.37	Antenna C3 MPE%	0.37

Site Composite MPE%	
Carrier	**MPE%**
T-Mobile	6.72
AT&T	13.73 %
Clearwire	1.10 %
Verizon Wireless	27.27 %
Branford Police Dept	2.75 %
PageNet	10.19 %
Site Total MPE %:	**61.76 %**

T-Mobile Sector 1 Total:	2.24 %
T-Mobile Sector 2 Total:	2.24 %
T-Mobile Sector 3 Total:	2.24 %
Site Total:	61.76 %

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Summary

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

The anticipated maximum composite contributions from the T-Mobile facility as well as the site composite emissions value with regards to compliance with FCC's allowable limits for general public exposure to RF Emissions are shown here:

T-Mobile Sector	Power Density Value (%)
Sector 1:	2.24 %
Sector 2:	2.24 %
Sector 3 :	2.24 %
T-Mobile Total:	6.72 %
Site Total:	61.76 %
Site Compliance Status:	**COMPLIANT**

The anticipated composite MPE value for this site assuming all carriers present is **61.76%** of the allowable FCC established general public limit sampled at the ground level. This is based upon values listed in the Connecticut Siting Council database for existing carrier emissions.

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

Scott Heffernan
RF Engineering Director

EBI Consulting
21 B Street
Burlington, MA 01803

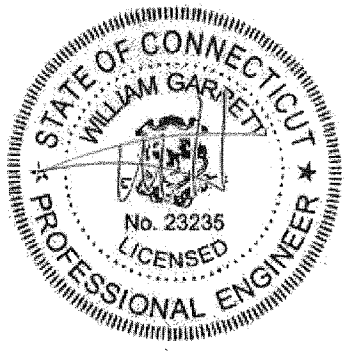
AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**150 ft Monopole**
ATC Site Name	:	**Branford CT 6, CT**
ATC Site Number	:	**302484**
Engineering Number	:	**61354921**
Proposed Carrier	:	**T-Mobile**
Carrier Site Name	:	**N/A**
Carrier Site Number	:	**CTNH102C**
Site Location	:	**405 Brushy Plain Rd** **Branford, CT 06405-2308** **41.316806,-72.819700**
County	:	**New Haven**
Date	:	**March 11, 2015**
Max Usage	:	**100%**
Result	:	**Pass**

Reviewed by:
William Garrett, PE
Chief Engineer

Prepared By:
William Maynard, E.I.



Mar 12 2015 2:36 PM

Eng. Number 61354921
March 11, 2015

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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	PJF Job # 29297-629, dated October 2, 1997
Foundation Drawing	Mapped by ATC Tower ID #302484, dated February 13, 2009
Geotechnical Report	Clarence Welti Geotechnical Engineering ID #CT-0020, dated October 8, 1996
Modifications	SpectraSite Drawing CT-0020 M1 dated March 26, 2004 ATC Job # 26487334 dated September 15, 2006 ATC Job # 53055832 dated June 2, 2013

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:	110 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 3/4" radial ice concurrent
Code:	ANSI/TIA-222-G / 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment
Structure Class:	II
Exposure Category:	B
Topographic Category:	1
Spectral Response:	Ss = 0.24, S_1 = 0.06
Site Class:	D - Stiff Soil

Conclusion

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

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

Existing and Reserved Equipment

Elevation[1] (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
150.0	153.0	3	Diplexer / Coupler	Platform w/ Handrails	(2) 7/8" Coax (7) 1 5/8" Coax (2) 0.78" 8 AWG 6 (1) 0.39" Cable (1) 3" Conduit (1) 1/2" Coax	AT&T Mobility
		6	KMW AWS Twin Dual 700 Bypass			
		1	Raycap DC6-48-60-18-8F			
		6	Ericsson RRUS 11 (Band 12)			
		3	Powerwave 7770			
		3	KMW AM-X-CD-16-65-00T-RET			
	154.7	2	Decibel DB408			Town Of Branford
	159.0	1	4' Omni			USA Mobility
	150.0	1	GPS			Verizon
140.0	140.0	3	Ericsson KRY 112 144/1	T-Arms	(12) 1 5/8" Coax (1) 1 1/4" Hybriflex	T-Mobile
		3	Ericsson AIR 21, 1.3M, B2A B4P			
		3	Ericsson AIR 21, 1.3M, B4A B2P			
130.0	130.0	2	DragonWave Horizon Compact	Clearwire Mount	(6) 5/16" Coax (2) 2" Conduit (2) 1/2" Coax	Clearwire
		1	12" x 12" Junction Box			
		1	DragonWave A-ANT-23G-1-C			
		3	NextNet BTS-2500			
		3	Argus LLPX310R			
		1	DragonWave A-ANT-18G-2.5-C			
122.0	122.0	1	SWR FMEC/1	Flush	(3) 1/2" Coax	Alma Radio
113.0	113.0	6	RFS FD9R6004/2C-3L	T-Arms	(12) 1 1/4" Coax (1) 1 5/8" Hybriflex	Verizon
		3	Alcatel-Lucent RRH2x60-AWS			
		2	Antel BXA-171063-8CF-EDIN-X			
		1	Antel BXA-171085-8CF-EDIN-X			
		6	RFS APL868013-42T0			
		1	RFS DB-T1-6Z-8AB-0Z			
		3	Commscope SBNHH-1D65B			
103.0	103.0	2	Decibel DB408	Standoff	(2) 7/8" Coax	Town Of Branford
93.0	93.0	1	Decibel DB408	Standoff	(1) 7/8" Coax	
69.0	70.0	1	Channel Master Type 120	Leg	(1) 0.28" RG6	USA Mobility

Equipment to be Removed

Elevation[1] (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
No loading considered as to be removed						

Proposed Equipment

Elevation[1] (ft)		Qty	Antenna	Mount Type	Lines	Carrier
Mount	RAD					
140.0	140.0	3	Ericsson RRUS 11 (Band 12)	T-Arms	-	T-Mobile
		3	Andrew LNX-6515DS-VTM			

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

Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	70%	Pass
Shaft	91%	Pass
Base Plate	84%	Pass
Flanges	10%	Pass
Reinforcement	100%	Pass

Foundations

Reaction Component	Analysis Reactions	% of Usage
Moment (Kips-Ft)	3,468.8	36%
Axial (Kips)	42.8	47%

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	1.690	1.483

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

AMERICAN TOWER®
CORPORATION

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:

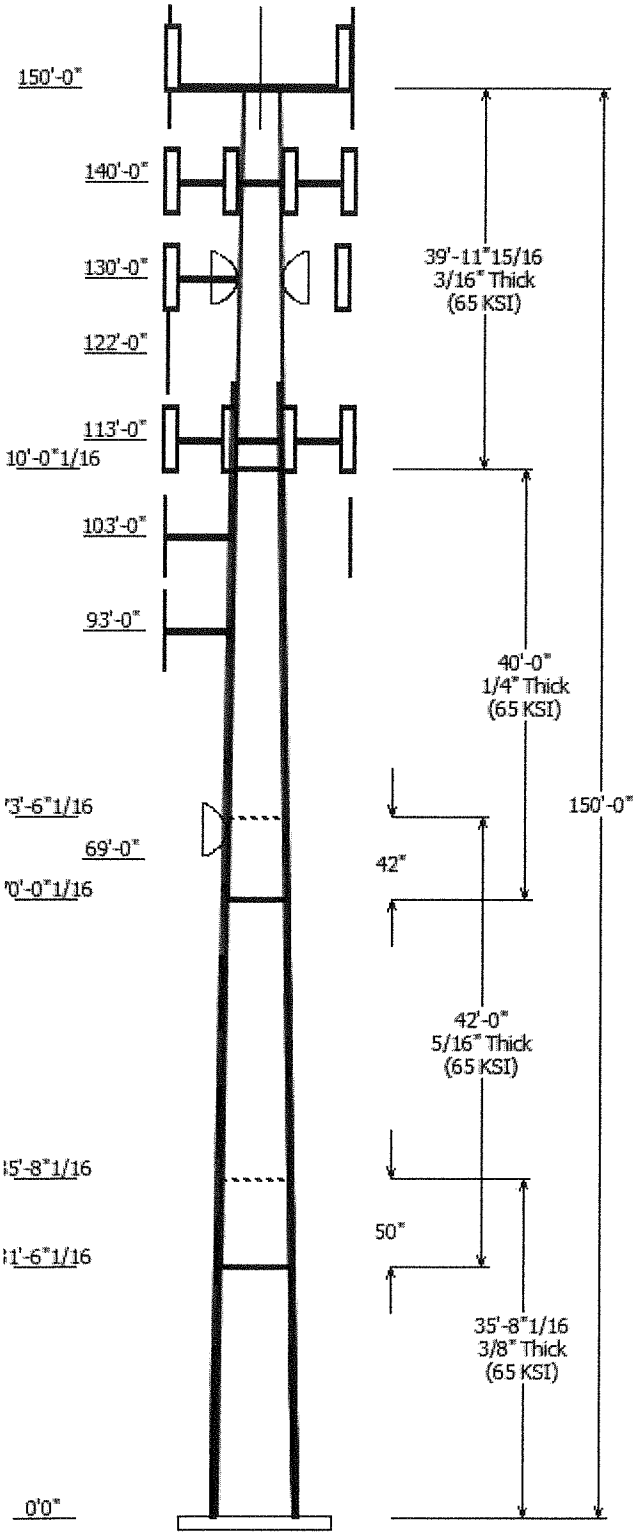
-- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.

-- 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 A.T. Engineering Service, PLLC 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. A.T. Engineering Service, PLLC is not responsible for the conclusions, opinions and recommendations made by others based on the information we supply.



Job Information

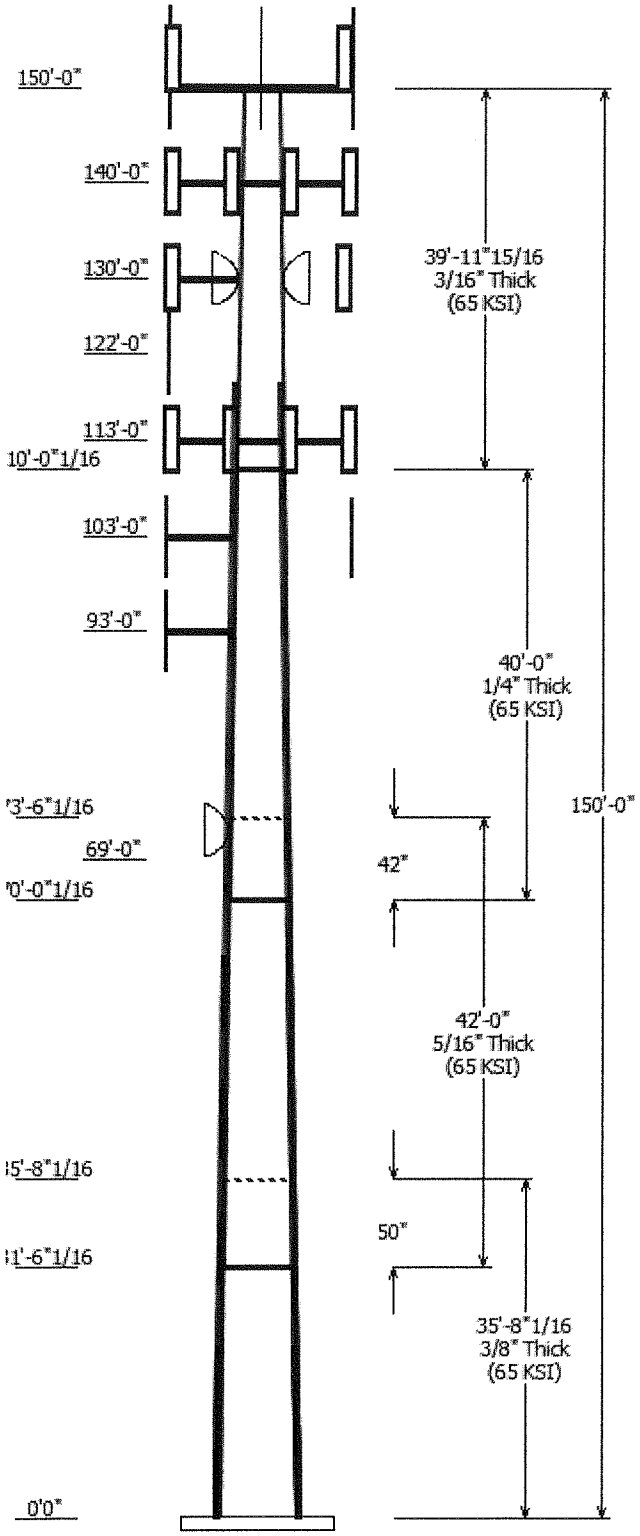
Pole :	302484	Code:	ANSI/TIA-222 Rev G
Description :	150 ft. ITT Meyer - Model verified 10/25/11		
Client :	Verizon Wireless	Struct Class :	II
Location :	Branford CT 6, CT		
Shape :	12 Sides	Exposure :	B
Height :	150.00 (ft)	Topo :	1
Base Elev (ft):	0.00		
Taper:	0.156700 (in/ft)		

Sections Properties

Shaft Section	Length (ft)	Diameter (in) Accross Flats Top	Bottom	Thick (in)	Joint Type	Overlap Length (in)	Taper (in/ft)	Steel Grade (ksi)
1	35.670	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	39.997	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	150.000	3	Round Side Arm
150.000	153.000	1	Raycap DC6-48-60-18-8F
150.000	153.000	3	Powerwave 7770
150.000	150.000	1	Round Platform w/ Handrails
150.000	153.000	6	KMW AWS Twin Dual 700
150.000	153.000	3	KMW AM-X-CD-16-65-00T-RET
150.000	150.000	1	GPS
150.000	153.000	6	Ericsson RRUS 11 (Band 12)
150.000	153.000	3	Diplexer / Coupler
150.000	154.700	2	Decibel DB408
150.000	159.000	1	4' Omni
140.000	140.000	3	Andrew LNX-6515DS-VTM
140.000	140.000	3	Ericsson RRUS 11 (Band 12)
140.000	140.000	3	Round T-Arm
140.000	140.000	3	Ericsson KRY 112 144/1
140.000	140.000	3	Ericsson AIR 21, 1.3M, B4A B2P
140.000	140.000	3	Ericsson AIR 21, 1.3M, B2A B4P
130.000	130.000	3	NextNet BTS-2500
130.000	130.000	2	DragonWave Horizon Compact
130.000	130.000	1	DragonWave A-ANT-23G-1-C
130.000	130.000	1	DragonWave A-ANT-18G-2.5-C
130.000	130.000	1	Clearwire Mount
130.000	130.000	3	Argus LLPX310R
130.000	130.000	1	12" x 12" Junction Box
122.000	122.000	1	SWR FMEC/1
113.000	113.000	2	RFS APL868013-42T0
113.000	113.000	4	RFS APL868013-42T0
113.000	113.000	3	Commscope SBNHH-1D65B
113.000	113.000	2	Antel BXA-171063-8CF-EDIN-X
113.000	113.000	1	RFS DB-T1-6Z-8AB-0Z
113.000	113.000	1	Antel BXA-171085-8CF-EDIN-X
113.000	113.000	3	Alcatel-Lucent RRH2x60-AWS
113.000	113.000	3	Round T-Arm
113.000	113.000	6	RFS FD9R6004/2C-3L
103.000	103.000	1	Standoff
103.000	103.000	2	Decibel DB408
93.000	93.000	1	Standoff
93.000	93.000	1	Decibel DB408
69.000	70.000	1	Channel Master Type 120



Linear Appurtenance

Elev (ft) From	To	Description	Exposed To Wind
0.000	69.000	0.28" RG6	Yes
0.000	93.000	7/8" Coax	No
0.000	103.0	7/8" Coax	No
0.000	113.0	1 1/4" Coax	No
0.000	113.0	1 5/8" Hybriflex	No
0.000	122.0	1/2" Coax	No
0.000	123.0	#18 Dywidag bars	Yes
0.000	130.0	1/2" Coax	Yes
0.000	130.0	2" Conduit	Yes
0.000	130.0	5/16" Coax	Yes
0.000	140.0	1 1/4" Hybriflex	Yes
0.000	140.0	1 5/8" Coax	Yes
0.000	150.0	0.39" Cable	No
0.000	150.0	0.78" 8 AWG 6	No
0.000	150.0	1 5/8" Coax	No
0.000	150.0	1 5/8" Coax	No
0.000	150.0	1/2" Coax	No
0.000	150.0	3" Conduit	No
0.000	150.0	7/8" Coax	No

Load Cases

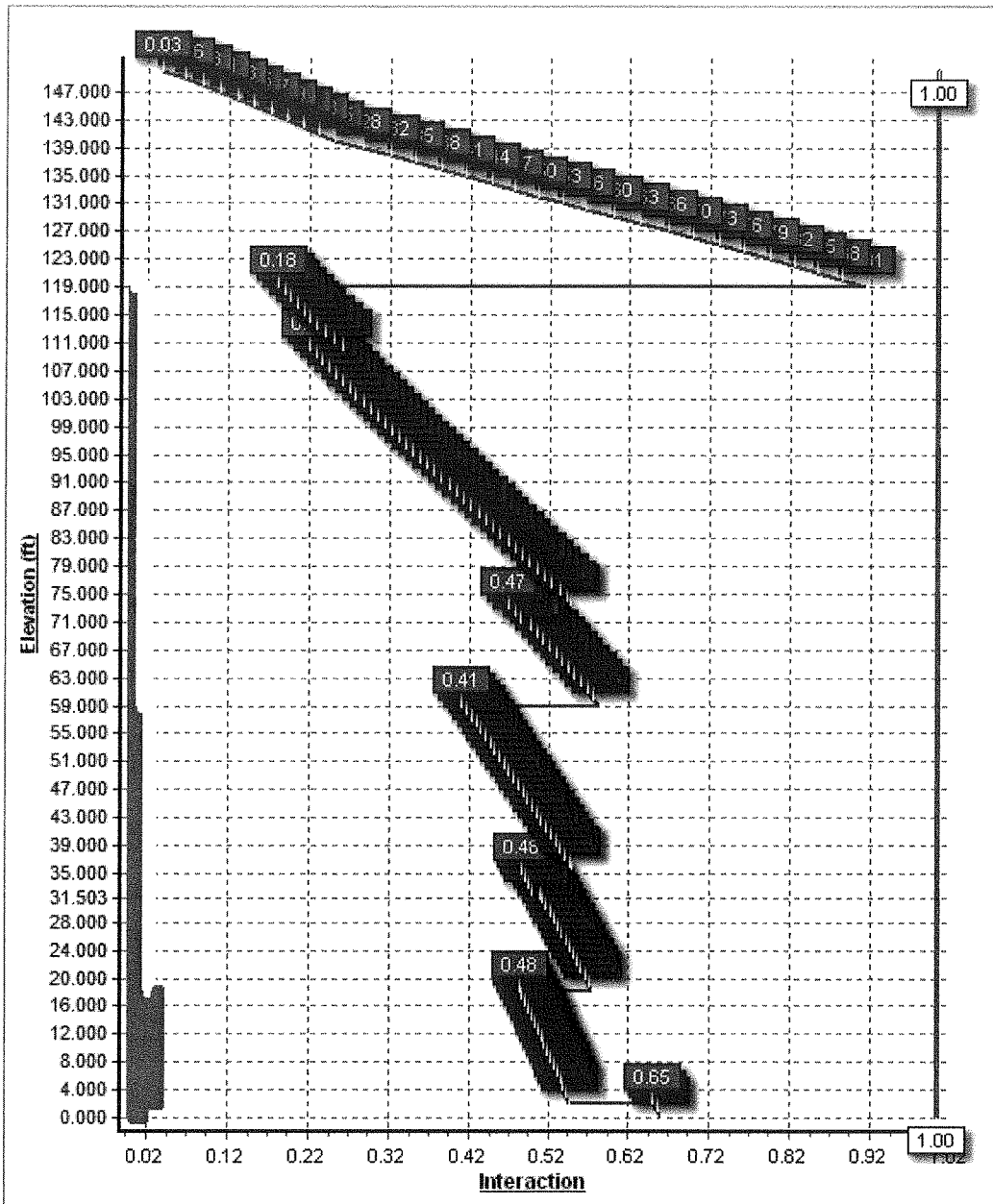
1.2D + 1.6W	110.00 mph with No Ice
0.9D + 1.6W	110.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50.00 mph with 0.75 in Radial Ice
1.0D + 1.0W	60.00 mph Serviceability

Reactions

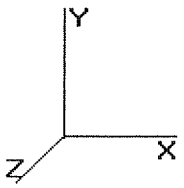
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	3468.78	35.94	42.81
0.9D + 1.6W	3435.61	35.94	34.77
1.2D + 1.0Di + 1.0Wi	666.14	6.44	70.53
1.0D + 1.0W	666.88	6.97	37.47

Dish Deflections

Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	69.00	4.765	0.677
1.0D + 1.0W	130.00	17.301	1.344
1.0D + 1.0W	130.00	17.301	1.344


0.03
1.00
0.18
0.47
0.41
0.46
0.48
0.65
1.00
147.000
143.000
139.000
135.000
131.000
127.000
123.000
119.000
115.000
111.000
107.000
103.000
99.000
95.000
91.000
87.000
83.000
79.000
75.000
71.000
67.000
63.000
59.000
55.000
51.000
47.000
43.000
39.000
35.000
31.503
28.000
24.000
20.000
16.000
12.000
8.000
4.000
0.000
Elevation (ft)
0.02
0.12
0.22
0.32
0.42
0.52
0.62
0.72
0.82
0.92
Interaction

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:48 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 1
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



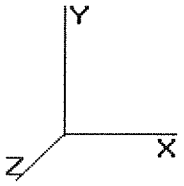
Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (sqin)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (sqin)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1-12	35.670	0.3750	65		0.00	5,014	37.38	0.00	44.68	7810.1	24.57	99.68	31.79	35.67	37.93	4778.7	20.57	84.77	0.156700
2-12	42.000	0.3130	65	Slip	50.00	4,244	33.06	31.50	33.01	4521.4	26.17	105.65	26.48	73.50	26.38	2307.0	20.53	84.63	0.156700
3-12	40.000	0.2500	65	Slip	42.00	2,646	27.53	70.00	21.97	2087.5	27.37	110.15	21.26	110.00	16.92	954.1	20.65	85.07	0.156700
4-12	39.997	0.1880	65	Butt	0.00	1,479	21.26	110.00	12.76	723.8	28.17	113.13	15.00	150.00	8.97	251.1	19.24	79.79	0.156700
				Shaft Weight		13,383													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice EPAa (sf)	No Ice Orientation Factor	Ice Weight (lb)	Ice EPAa (sf)	Ice Orientation Factor	Distance From Face (ft)	Vert Ecc (ft)
150.00	4' Omni	1	10.00	1.000	1.00	16.98	1.698	1.00	0.000	9.000
150.00	Decibel DB408	2	17.00	2.900	1.00	28.87	4.924	1.00	0.000	4.700
150.00	Diplexer / Coupler	3	5.00	0.700	0.50	8.49	1.189	0.50	0.000	3.000
150.00	Ericsson RRUS 11 (Band 12)	6	55.00	2.520	0.50	135.41	3.165	0.50	0.000	3.000
150.00	GPS	1	10.00	1.000	1.00	16.98	1.698	1.00	0.000	0.000
150.00	KMW AM-X-CD-16-65-00T-	3	48.50	8.020	0.67	237.32	9.315	0.67	0.000	3.000
150.00	KMW AWS Twin Dual 700	6	17.40	0.990	0.50	50.87	0.709	0.50	0.000	3.000
150.00	Powerwave 7770	3	35.00	5.510	0.65	170.09	6.560	0.65	0.000	3.000
150.00	Raycap DC6-48-60-18-8F	1	31.80	1.280	1.00	124.75	2.853	1.00	0.000	3.000
150.00	Round Platform w/ Handrails	1	2000.00	27.200	1.00	3,298.44	51.694	1.00	0.000	0.000
150.00	Round Side Arm	3	150.00	5.200	0.67	223.30	7.923	0.67	0.000	0.000
140.00	Andrew LNX-6515DS-VTM	3	51.30	11.430	0.70	312.59	13.082	0.70	0.000	0.000
140.00	Ericsson AIR 21, 1.3M, B2A	3	83.00	6.050	0.71	250.65	7.140	0.71	0.000	0.000
140.00	Ericsson AIR 21, 1.3M, B4A	3	81.50	6.090	0.70	249.11	7.185	0.70	0.000	0.000
140.00	Ericsson KRY 112 144/1	3	11.00	0.410	0.50	27.22	0.632	0.50	0.000	0.000
140.00	Ericsson RRUS 11 (Band 12)	3	50.00	2.570	0.50	108.77	2.006	0.50	0.000	0.000
140.00	Round T-Arm	3	250.00	9.700	0.67	457.99	17.904	0.67	0.000	0.000
130.00	12" x 12" Junction Box	1	10.00	1.200	0.50	61.06	1.659	0.50	0.000	0.000
130.00	Argus LLPX310R	3	28.60	4.290	0.63	134.55	5.176	0.63	0.000	0.000
130.00	Clearwire Mount	1	560.00	8.500	1.00	1,022.45	15.519	1.00	0.000	0.000
130.00	DragonWave A-ANT-18G-2.5-	1	47.60	8.430	1.00	217.77	10.112	1.00	0.000	0.000
130.00	DragonWave A-ANT-23G-1-C	1	15.00	1.610	1.00	49.90	2.358	1.00	0.000	0.000
130.00	DragonWave Horizon	2	10.60	0.430	0.50	40.26	0.656	0.50	0.000	0.000
130.00	NextNet BTS-2500	3	35.00	1.820	0.50	91.78	2.389	0.50	0.000	0.000
122.00	SWR FMEC/1	1	15.00	0.660	1.00	39.40	1.251	1.00	0.000	0.000
113.00	Alcatel-Lucent RRH2x60-AWS	3	44.00	1.880	0.50	105.40	2.344	0.50	0.000	0.000
113.00	Antel BXA-171063-8CF-EDIN-X	2	9.20	2.920	0.71	89.07	3.744	0.71	0.000	0.000
113.00	Antel BXA-171085-8CF-EDIN-X	1	10.50	2.940	0.71	99.31	4.120	0.71	0.000	0.000
113.00	Commscope SBNHH-1D65B	3	50.70	8.170	0.69	247.40	9.439	0.69	0.000	0.000
113.00	RFS APL868013-42T0	4	6.30	3.610	0.73	109.87	4.481	0.73	0.000	0.000
113.00	RFS APL868013-42T0	2	6.30	3.610	0.73	109.87	4.481	0.73	0.000	0.000
113.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	4.800	1.00	183.02	5.648	1.00	0.000	0.000
113.00	RFS FD9R6004/2C-3L	6	2.60	0.370	0.50	15.14	0.570	0.50	0.000	0.000
113.00	Round T-Arm	3	250.00	9.700	0.67	453.58	17.730	0.67	0.000	0.000
103.00	Decibel DB408	2	17.00	2.900	1.00	28.43	4.850	1.00	0.000	0.000
103.00	Standoff	1	200.00	2.500	1.00	334.47	4.181	1.00	0.000	0.000
93.00	Decibel DB408	1	17.00	2.900	1.00	28.31	4.830	1.00	0.000	0.000
93.00	Standoff	1	200.00	2.500	1.00	333.10	4.164	1.00	0.000	0.000
69.00	Channel Master Type 120	1	126.00	20.190	1.00	207.39	33.231	1.00	0.000	1.000
	Totals	92	7413.10			17,508.97			Number of Loadings :	39

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:48 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 2
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



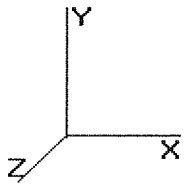
Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
0.00	150.00	(1) 0.39" Cable	0.00	N
0.00	150.00	(2) 0.78" 8 AWG 6	0.00	N
0.00	150.00	(1) 1 5/8" Coax	0.00	N
0.00	150.00	(6) 1 5/8" Coax	0.00	N
0.00	150.00	(1) 1/2" Coax	0.00	N
0.00	150.00	(1) 3" Conduit	0.00	N
0.00	150.00	(2) 7/8" Coax	0.00	N
0.00	140.00	(1) 1 1/4" Hybriflex	0.00	Y
0.00	140.00	(12) 1 5/8" Coax	5.94	Y
0.00	130.00	(2) 1/2" Coax	0.00	Y
0.00	130.00	(2) 2" Conduit	0.00	Y
0.00	130.00	(6) 5/16" Coax	0.00	Y
0.00	123.00	(4) #18 Dywidag bars	4.00	Y
0.00	122.00	(3) 1/2" Coax	0.00	N
0.00	113.00	(12) 1 1/4" Coax	0.00	N
0.00	113.00	(1) 1 5/8" Hybriflex	0.00	N
0.00	103.00	(2) 7/8" Coax	0.00	N
0.00	93.00	(1) 7/8" Coax	0.00	N
0.00	69.00	(1) 0.28" RG6	0.00	Y

Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	— Intermediate Connections — Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	119.0	4	SOL #18 All Thread	75	6.37	6" T Bracket	30.0	3.50	5/8" A36 U-Bolt	Yes
0.00	59.00	4	SOL #18 All Thread	75	3.44	6" Angle Bracket	30.0	3.50	5/8" A36 U-Bolt	No
2.00	18.00	2	PL PL 4" x 1"	50	0.00	5/8" Hollo Bolt	12.0	3.00	5/8" Hollo Bolt	No
2.00	18.00	2	PL PL 5" x 1"	50	0.00	5/8" Hollo Bolt	12.0	3.00	5/8" Hollo Bolt	No

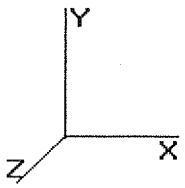
Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:48 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 3
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Segment Properties (Max Len : 1 ft)

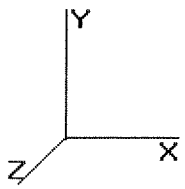
Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in3)	Weight (lb)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ix (in^4)	Additional Reinforcing Weight (lb)
0.00		0.3750	37.380	44.684	7,810.1	24.57	99.68	77.9	403.6	0.0	32.00	9,896	0.0
1.00		0.3750	37.223	44.494	7,711.3	24.45	99.26	78.0	400.2	151.7	32.00	9,833	108.8
2.00	Reinf Bottom Reinf	0.3750	37.067	44.305	7,613.3	24.34	98.84	78.2	396.8	151.1	32.00	9,772	108.8
3.00		0.3750	36.910	44.116	7,516.2	24.23	98.43	78.3	393.4	150.4	50.00	12,96	170.0
4.00		0.3750	36.753	43.927	7,419.9	24.12	98.01	78.4	390.0	149.8	50.00	12,87	170.0
5.00		0.3750	36.597	43.737	7,324.4	24.01	97.59	78.5	386.6	149.2	50.00	12,78	170.0
6.00		0.3750	36.440	43.548	7,229.8	23.89	97.17	78.7	383.3	148.5	50.00	12,69	170.0
7.00		0.3750	36.283	43.359	7,135.9	23.78	96.75	78.8	379.9	147.9	50.00	12,60	170.0
8.00		0.3750	36.126	43.170	7,042.9	23.67	96.34	78.9	376.6	147.2	50.00	12,52	170.0
9.00		0.3750	35.970	42.981	6,950.7	23.56	95.92	79.0	373.3	146.6	50.00	12,43	170.0
10.00		0.3750	35.813	42.791	6,859.3	23.45	95.50	79.1	370.0	145.9	50.00	12,34	170.0
11.00		0.3750	35.656	42.602	6,768.7	23.33	95.08	79.3	366.7	145.3	50.00	12,26	170.0
12.00		0.3750	35.500	42.413	6,678.9	23.22	94.67	79.4	363.5	144.6	50.00	12,17	170.0
13.00		0.3750	35.343	42.224	6,589.9	23.11	94.25	79.5	360.2	144.0	50.00	12,09	170.0
14.00		0.3750	35.186	42.035	6,501.7	23.00	93.83	79.6	357.0	143.4	50.00	12,00	170.0
15.00		0.3750	35.030	41.845	6,414.3	22.89	93.41	79.8	353.7	142.7	50.00	11,92	170.0
16.00		0.3750	34.873	41.656	6,327.7	22.77	92.99	79.9	350.5	142.1	50.00	11,83	170.0
17.00		0.3750	34.716	41.467	6,241.9	22.66	92.58	80.0	347.3	141.4	50.00	11,75	170.0
18.00	Reinf. Top Reinf.	0.3750	34.559	41.278	6,156.8	22.55	92.16	80.1	344.2	140.8	50.00	11,66	170.0
19.00		0.3750	34.403	41.088	6,072.5	22.44	91.74	80.2	341.0	140.1	32.00	8,749	108.8
20.00		0.3750	34.246	40.899	5,989.0	22.33	91.32	80.4	337.8	139.5	32.00	8,691	108.8
21.00		0.3750	34.089	40.710	5,906.3	22.21	90.90	80.5	334.7	138.8	32.00	8,632	108.8
22.00		0.3750	33.933	40.521	5,824.3	22.10	90.49	80.6	331.6	138.2	32.00	8,574	108.8
23.00		0.3750	33.776	40.332	5,743.1	21.99	90.07	80.7	328.5	137.6	32.00	8,517	108.8
24.00		0.3750	33.619	40.142	5,662.7	21.88	89.65	80.9	325.4	136.9	32.00	8,459	108.8
25.00		0.3750	33.463	39.953	5,583.0	21.77	89.23	81.0	322.3	136.3	32.00	8,402	108.8
26.00		0.3750	33.306	39.764	5,504.0	21.65	88.82	81.1	319.3	135.6	32.00	8,344	108.8
27.00		0.3750	33.149	39.575	5,425.8	21.54	88.40	81.2	316.2	135.0	32.00	8,287	108.8
28.00		0.3750	32.992	39.386	5,348.4	21.43	87.98	81.3	313.2	134.3	32.00	8,231	108.8
29.00		0.3750	32.836	39.196	5,271.7	21.32	87.56	81.5	310.2	133.7	32.00	8,174	108.8
30.00		0.3750	32.679	39.007	5,195.7	21.21	87.14	81.6	307.1	133.1	32.00	8,118	108.8
31.00		0.3750	32.522	38.818	5,120.4	21.09	86.73	81.7	304.2	132.4	32.00	8,061	108.8
31.50	Bot - Section 2	0.3750	32.443	38.723	5,082.8	21.04	86.52	81.8	302.7	66.4	32.00	8,033	54.8
32.00		0.3750	32.366	38.629	5,045.9	20.98	86.31	81.8	301.2	121.1	32.00	8,230	54.0
33.00		0.3750	32.209	38.439	4,972.1	20.87	85.89	81.9	298.2	242.9	32.00	8,174	108.8
34.00		0.3750	32.052	38.250	4,899.1	20.76	85.47	81.9	295.3	241.7	32.00	8,117	108.8
35.00		0.3750	31.896	38.061	4,826.7	20.65	85.05	81.9	292.3	240.6	32.00	8,061	108.8
35.67	Top - Section 1	0.3130	32.417	32.356	4,256.4	25.61	103.57	76.8	253.7	160.5	32.00	8,024	72.9
36.00		0.3130	32.365	32.304	4,235.9	25.56	103.40	76.8	252.8	36.3	32.00	8,005	35.9
37.00		0.3130	32.208	32.146	4,174.1	25.43	102.90	77.0	250.4	109.7	32.00	7,949	108.8
38.00		0.3130	32.051	31.988	4,112.8	25.29	102.40	77.1	247.9	109.1	32.00	7,894	108.8
39.00		0.3130	31.895	31.830	4,052.2	25.16	101.90	77.3	245.4	108.6	32.00	7,838	108.8
40.00		0.3130	31.738	31.672	3,992.2	25.03	101.40	77.4	243.0	108.0	32.00	7,783	108.8
41.00		0.3130	31.581	31.514	3,932.8	24.89	100.90	77.6	240.6	107.5	32.00	7,728	108.8
42.00		0.3130	31.425	31.356	3,873.9	24.76	100.40	77.7	238.2	107.0	32.00	7,673	108.8
43.00		0.3130	31.268	31.198	3,815.7	24.62	99.90	77.9	235.7	106.4	32.00	7,618	108.8
44.00		0.3130	31.111	31.040	3,758.0	24.49	99.40	78.0	233.4	105.9	32.00	7,564	108.8
45.00		0.3130	30.955	30.882	3,701.0	24.36	98.90	78.2	231.0	105.4	32.00	7,510	108.8
46.00		0.3130	30.798	30.724	3,644.5	24.22	98.40	78.3	228.6	104.8	32.00	7,456	108.8
47.00		0.3130	30.641	30.566	3,588.6	24.09	97.89	78.4	226.3	104.3	32.00	7,402	108.8
48.00		0.3130	30.484	30.409	3,533.2	23.95	97.39	78.6	223.9	103.7	32.00	7,348	108.8
49.00		0.3130	30.328	30.251	3,478.5	23.82	96.89	78.7	221.6	103.2	32.00	7,295	108.8
50.00		0.3130	30.171	30.093	3,424.3	23.68	96.39	78.9	219.3	102.7	32.00	7,241	108.8
51.00		0.3130	30.014	29.935	3,370.6	23.55	95.89	79.0	216.9	102.1	32.00	7,188	108.8
52.00		0.3130	29.858	29.777	3,317.6	23.42	95.39	79.2	214.7	101.6	32.00	7,135	108.8
53.00		0.3130	29.701	29.619	3,265.1	23.28	94.89	79.3	212.4	101.1	32.00	7,083	108.8
54.00		0.3130	29.544	29.461	3,213.1	23.15	94.39	79.5	210.1	100.5	32.00	7,030	108.8
55.00		0.3130	29.388	29.303	3,161.7	23.01	93.89	79.6	207.8	100.0	32.00	6,978	108.8

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:48 PM		
Location :	Branford CT 6, CT				Struct Class : II						Page: 4		
Height :	150.0 (ft)				Exposure Category : B								
Base Dia :	37.38 (in)				Topographic Category : 1								
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)								
Shape :	12 Sides												
Taper :	0.156700 (in/ft)												



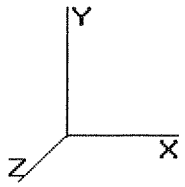
56.00		0.3130	29.231	29.145	3,110.9	22.88	93.39	79.8	205.6	99.4	32.00	6,926	108.8
57.00		0.3130	29.074	28.987	3,060.6	22.75	92.89	79.9	203.4	98.9	32.00	6,874	108.8
58.00		0.3130	28.917	28.829	3,010.8	22.61	92.39	80.1	201.1	98.4	32.00	6,822	108.8
59.00	Reinf. Top	0.3130	28.761	28.671	2,961.6	22.48	91.89	80.2	198.9	97.8	32.00	6,771	108.8
60.00		0.3130	28.604	28.513	2,912.9	22.34	91.39	80.3	196.7	97.3	16.00	3,838	54.4
61.00		0.3130	28.447	28.355	2,864.8	22.21	90.89	80.5	194.5	96.8	16.00	3,811	54.4
62.00		0.3130	28.291	28.198	2,817.2	22.08	90.39	80.6	192.4	96.2	16.00	3,784	54.4
63.00		0.3130	28.134	28.040	2,770.1	21.94	89.88	80.8	190.2	95.7	16.00	3,756	54.4
64.00		0.3130	27.977	27.882	2,723.6	21.81	89.38	80.9	188.1	95.1	16.00	3,729	54.4
65.00		0.3130	27.820	27.724	2,677.6	21.67	88.88	81.1	185.9	94.6	16.00	3,702	54.4
66.00		0.3130	27.664	27.566	2,632.1	21.54	88.38	81.2	183.8	94.1	16.00	3,675	54.4
67.00		0.3130	27.507	27.408	2,587.1	21.40	87.88	81.4	181.7	93.5	16.00	3,649	54.4
68.00		0.3130	27.350	27.250	2,542.6	21.27	87.38	81.5	179.6	93.0	16.00	3,622	54.4
69.00		0.3130	27.194	27.092	2,498.7	21.14	86.88	81.7	177.5	92.5	16.00	3,595	54.4
70.00		0.3130	27.037	26.934	2,455.2	21.00	86.38	81.8	175.4	91.9	16.00	3,569	54.4
70.00	Bot - Section 3	0.3130	27.036	26.934	2,455.1	21.00	86.38	81.8	175.4	0.3	16.00	3,569	0.2
71.00		0.3130	26.880	26.776	2,412.3	20.87	85.88	81.9	173.4	165.4	16.00	3,627	54.2
72.00		0.3130	26.724	26.618	2,369.9	20.73	85.38	81.9	171.3	164.9	16.00	3,600	54.4
73.00		0.3130	26.567	26.460	2,327.9	20.60	84.88	81.9	169.3	164.0	16.00	3,574	54.4
73.50	Top - Section 2	0.2500	26.988	21.524	1,964.1	26.78	107.95	75.5	140.6	82.2	16.00	3,560	27.4
74.00		0.2500	26.910	21.461	1,947.0	26.70	107.64	75.6	139.8	36.3	16.00	3,547	27.0
75.00		0.2500	26.753	21.335	1,912.9	26.53	107.01	75.8	138.1	72.8	16.00	3,521	54.4
76.00		0.2500	26.597	21.209	1,879.2	26.36	106.39	76.0	136.5	72.4	16.00	3,495	54.4
77.00		0.2500	26.440	21.083	1,845.8	26.19	105.76	76.1	134.9	72.0	16.00	3,469	54.4
78.00		0.2500	26.283	20.957	1,812.9	26.03	105.13	76.3	133.2	71.5	16.00	3,443	54.4
79.00		0.2500	26.127	20.831	1,780.4	25.86	104.51	76.5	131.6	71.1	16.00	3,417	54.4
80.00		0.2500	25.970	20.705	1,748.2	25.69	103.88	76.7	130.0	70.7	16.00	3,391	54.4
81.00		0.2500	25.813	20.578	1,716.5	25.52	103.25	76.9	128.5	70.2	16.00	3,365	54.4
82.00		0.2500	25.657	20.452	1,685.1	25.36	102.63	77.1	126.9	69.8	16.00	3,339	54.4
83.00		0.2500	25.500	20.326	1,654.1	25.19	102.00	77.2	125.3	69.4	16.00	3,314	54.4
84.00		0.2500	25.343	20.200	1,623.5	25.02	101.37	77.4	123.8	69.0	16.00	3,288	54.4
85.00		0.2500	25.187	20.074	1,593.3	24.85	100.75	77.6	122.2	68.5	16.00	3,263	54.4
86.00		0.2500	25.030	19.948	1,563.4	24.68	100.12	77.8	120.7	68.1	16.00	3,238	54.4
87.00		0.2500	24.873	19.822	1,533.9	24.52	99.49	78.0	119.1	67.7	16.00	3,213	54.4
88.00		0.2500	24.716	19.695	1,504.8	24.35	98.87	78.2	117.6	67.2	16.00	3,188	54.4
89.00		0.2500	24.560	19.569	1,476.1	24.18	98.24	78.3	116.1	66.8	16.00	3,163	54.4
90.00		0.2500	24.403	19.443	1,447.8	24.01	97.61	78.5	114.6	66.4	16.00	3,138	54.4
91.00		0.2500	24.246	19.317	1,419.8	23.84	96.99	78.7	113.1	65.9	16.00	3,113	54.4
92.00		0.2500	24.090	19.191	1,392.1	23.68	96.36	78.9	111.6	65.5	16.00	3,088	54.4
93.00		0.2500	23.933	19.065	1,364.9	23.51	95.73	79.1	110.2	65.1	16.00	3,064	54.4
94.00		0.2500	23.776	18.939	1,337.9	23.34	95.10	79.3	108.7	64.7	16.00	3,039	54.4
95.00		0.2500	23.620	18.812	1,311.4	23.17	94.48	79.4	107.3	64.2	16.00	3,015	54.4
96.00		0.2500	23.463	18.686	1,285.2	23.00	93.85	79.6	105.8	63.8	16.00	2,991	54.4
97.00		0.2500	23.306	18.560	1,259.3	22.84	93.22	79.8	104.4	63.4	16.00	2,967	54.4
98.00		0.2500	23.149	18.434	1,233.8	22.67	92.60	80.0	103.0	62.9	16.00	2,943	54.4
99.00		0.2500	22.993	18.308	1,208.7	22.50	91.97	80.2	101.6	62.5	16.00	2,919	54.4
100.0		0.2500	22.836	18.182	1,183.9	22.33	91.34	80.4	100.2	62.1	16.00	2,895	54.4
101.0		0.2500	22.679	18.056	1,159.4	22.16	90.72	80.5	98.8	61.7	16.00	2,871	54.4
102.0		0.2500	22.523	17.929	1,135.3	22.00	90.09	80.7	97.4	61.2	16.00	2,847	54.4
103.0		0.2500	22.366	17.803	1,111.5	21.83	89.46	80.9	96.0	60.8	16.00	2,824	54.4
104.0		0.2500	22.209	17.677	1,088.0	21.66	88.84	81.1	94.6	60.4	16.00	2,800	54.4
105.0		0.2500	22.052	17.551	1,064.9	21.49	88.21	81.3	93.3	59.9	16.00	2,777	54.4
106.0		0.2500	21.896	17.425	1,042.1	21.32	87.58	81.5	91.9	59.5	16.00	2,753	54.4
107.0		0.2500	21.739	17.299	1,019.6	21.16	86.96	81.6	90.6	59.1	16.00	2,730	54.4
108.0		0.2500	21.582	17.173	997.5	20.99	86.33	81.8	89.3	58.6	16.00	2,707	54.4
109.0		0.2500	21.426	17.046	975.7	20.82	85.70	81.9	88.0	58.2	16.00	2,684	54.4
110.0		0.2500	21.269	16.920	954.2	20.65	85.08	81.9	86.7	57.8	16.00	2,661	54.4
110.0	Top - Section 3	0.2500	21.268	16.920	954.1	20.65	85.07	81.9	86.7	0.2	16.00	2,661	0.2
110.0	Bot - Section 4	0.1880	21.268	12.761	723.8	28.17	113.13	74.0	65.7		16.00	2,661	
111.0		0.1880	21.112	12.667	707.9	27.95	112.30	74.2	64.8	43.1	16.00	2,639	54.2
112.0		0.1880	20.956	12.572	692.1	27.72	111.47	74.5	63.8	42.9	16.00	2,616	54.4
113.0		0.1880	20.799	12.477	676.5	27.50	110.63	74.7	62.8	42.6	16.00	2,593	54.4
114.0		0.1880	20.642	12.382	661.2	27.28	109.80	75.0	61.9	42.3	16.00	2,571	54.4
115.0		0.1880	20.486	12.287	646.1	27.05	108.97	75.2	60.9	42.0	16.00	2,548	54.4

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:48 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 5
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



116.0		0.1880	20.329	12.192	631.3	26.83	108.13	75.5	60.0	41.6	16.00	2,526	54.4
117.0		0.1880	20.172	12.098	616.7	26.61	107.30	75.7	59.1	41.3	16.00	2,504	54.4
118.0		0.1880	20.015	12.003	602.3	26.38	106.46	75.9	58.1	41.0	16.00	2,482	54.4
119.0	Reinf. Top	0.1880	19.859	11.908	588.1	26.16	105.63	76.2	57.2	40.7	16.00	2,460	54.4
120.0		0.1880	19.702	11.813	574.2	25.94	104.80	76.4	56.3	40.4			
121.0		0.1880	19.545	11.718	560.4	25.71	103.96	76.7	55.4	40.0			
122.0		0.1880	19.389	11.623	546.9	25.49	103.13	76.9	54.5	39.7			
123.0		0.1880	19.232	11.528	533.7	25.27	102.30	77.2	53.6	39.4			
124.0		0.1880	19.075	11.434	520.6	25.04	101.46	77.4	52.7	39.1			
125.0		0.1880	18.919	11.339	507.7	24.82	100.63	77.6	51.8	38.7			
126.0		0.1880	18.762	11.244	495.1	24.60	99.80	77.9	51.0	38.4			
127.0		0.1880	18.605	11.149	482.7	24.37	98.96	78.1	50.1	38.1			
128.0		0.1880	18.448	11.054	470.5	24.15	98.13	78.4	49.3	37.8			
129.0		0.1880	18.292	10.959	458.5	23.93	97.30	78.6	48.4	37.5			
130.0		0.1880	18.135	10.864	446.7	23.70	96.46	78.9	47.6	37.1			
131.0		0.1880	17.978	10.770	435.1	23.48	95.63	79.1	46.7	36.8			
132.0		0.1880	17.822	10.675	423.7	23.26	94.80	79.3	45.9	36.5			
133.0		0.1880	17.665	10.580	412.5	23.03	93.96	79.6	45.1	36.2			
134.0		0.1880	17.508	10.485	401.5	22.81	93.13	79.8	44.3	35.8			
135.0		0.1880	17.352	10.390	390.7	22.59	92.30	80.1	43.5	35.5			
136.0		0.1880	17.195	10.295	380.1	22.36	91.46	80.3	42.7	35.2			
137.0		0.1880	17.038	10.200	369.7	22.14	90.63	80.6	41.9	34.9			
138.0		0.1880	16.881	10.106	359.4	21.92	89.79	80.8	41.1	34.5			
139.0		0.1880	16.725	10.011	349.4	21.69	88.96	81.1	40.4	34.2			
140.0		0.1880	16.568	9.916	339.6	21.47	88.13	81.3	39.6	33.9			
141.0		0.1880	16.411	9.821	329.9	21.25	87.29	81.5	38.8	33.6			
142.0		0.1880	16.255	9.726	320.5	21.02	86.46	81.8	38.1	33.3			
143.0		0.1880	16.098	9.631	311.2	20.80	85.63	81.9	37.3	32.9			
144.0		0.1880	15.941	9.536	302.1	20.58	84.79	81.9	36.6	32.6			
145.0		0.1880	15.785	9.441	293.1	20.35	83.96	81.9	35.9	32.3			
146.0		0.1880	15.628	9.347	284.4	20.13	83.13	81.9	35.2	32.0			
147.0		0.1880	15.471	9.252	275.8	19.91	82.29	81.9	34.4	31.6			
148.0		0.1880	15.314	9.157	267.4	19.68	81.46	81.9	33.7	31.3			
149.0		0.1880	15.158	9.062	259.2	19.46	80.63	81.9	33.0	31.0			
150.0		0.1880	15.001	8.967	251.1	19.24	79.79	81.9	32.3	30.7			
										13,383.2			10,663.

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:48 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 6
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

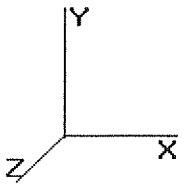
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

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)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	20.599	22.65	296.79	1.000		0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	20.599	22.65	295.55	1.200	*	0.000	1.00	3.218	3.86	140.0	0.0	290.9
2.00	Reinf Bottom Reinf	1.00	0.70	20.599	22.65	294.30	1.200	*	0.000	1.00	3.205	3.85	139.4	0.0	290.1
3.00		1.00	0.70	20.599	22.65	293.06	1.200	*	0.000	1.00	3.191	3.83	138.8	0.0	350.6
4.00		1.00	0.70	20.599	22.65	291.81	1.200	*	0.000	1.00	3.178	3.81	138.2	0.0	349.8
5.00		1.00	0.70	20.599	22.65	290.57	1.200	*	0.000	1.00	3.164	3.80	137.7	0.0	349.0
6.00		1.00	0.70	20.599	22.65	289.32	1.200	*	0.000	1.00	3.151	3.78	137.1	0.0	348.3
7.00		1.00	0.70	20.599	22.65	288.08	1.200	*	0.000	1.00	3.137	3.76	136.5	0.0	347.5
8.00		1.00	0.70	20.599	22.65	286.84	1.200	*	0.000	1.00	3.123	3.75	135.9	0.0	346.7
9.00		1.00	0.70	20.599	22.65	285.59	1.200	*	0.000	1.00	3.110	3.73	135.3	0.0	345.9
10.00		1.00	0.70	20.599	22.65	284.35	1.200	*	0.000	1.00	3.096	3.72	134.7	0.0	345.2
11.00		1.00	0.70	20.599	22.65	283.10	1.200	*	0.000	1.00	3.083	3.70	134.1	0.0	344.4
12.00		1.00	0.70	20.599	22.65	281.86	1.200	*	0.000	1.00	3.069	3.68	133.5	0.0	343.6
13.00		1.00	0.70	20.599	22.65	280.62	1.200	*	0.000	1.00	3.056	3.67	132.9	0.0	342.8
14.00		1.00	0.70	20.599	22.65	279.37	1.200	*	0.000	1.00	3.042	3.65	132.4	0.0	342.1
15.00		1.00	0.70	20.599	22.65	278.13	1.200	*	0.000	1.00	3.029	3.63	131.8	0.0	341.3
16.00		1.00	0.70	20.599	22.65	276.88	1.200	*	0.000	1.00	3.015	3.62	131.2	0.0	340.5
17.00		1.00	0.70	20.599	22.65	275.64	1.200	*	0.000	1.00	3.002	3.60	130.6	0.0	339.8
18.00	Reinf. Top Reinf. Top	1.00	0.70	20.599	22.65	274.39	1.200	*	0.000	1.00	2.988	3.59	130.0	0.0	339.0
19.00		1.00	0.70	20.599	22.65	273.15	1.200	*	0.000	1.00	2.975	3.57	129.4	0.0	277.0
20.00		1.00	0.70	20.599	22.65	271.91	1.200	*	0.000	1.00	2.961	3.55	128.8	0.0	276.2
21.00		1.00	0.70	20.599	22.65	270.66	1.200	*	0.000	1.00	2.948	3.54	128.2	0.0	275.4
22.00		1.00	0.70	20.599	22.65	269.42	1.200	*	0.000	1.00	2.934	3.52	127.7	0.0	274.6
23.00		1.00	0.70	20.599	22.65	268.17	1.200	*	0.000	1.00	2.921	3.50	127.1	0.0	273.9
24.00		1.00	0.70	20.599	22.65	266.93	1.200	*	0.000	1.00	2.907	3.49	126.5	0.0	273.1
25.00		1.00	0.70	20.599	22.65	265.69	1.200	*	0.000	1.00	2.894	3.47	125.9	0.0	272.3
26.00		1.00	0.70	20.599	22.65	264.44	1.200	*	0.000	1.00	2.880	3.46	125.3	0.0	271.6
27.00		1.00	0.70	20.599	22.65	263.20	1.200	*	0.000	1.00	2.867	3.44	124.7	0.0	270.8
28.00		1.00	0.70	20.599	22.65	261.95	1.200	*	0.000	1.00	2.853	3.42	124.1	0.0	270.0
29.00		1.00	0.70	20.599	22.65	260.71	1.200	*	0.000	1.00	2.840	3.41	123.5	0.0	269.2
30.00		1.00	0.70	20.616	22.67	259.57	1.200	*	0.000	1.00	2.826	3.39	123.1	0.0	268.5
31.00		1.00	0.70	20.810	22.89	259.54	1.200	*	0.000	1.00	2.813	3.38	123.6	0.0	267.7
31.50	Bot - Section 2	1.00	0.71	20.906	22.99	259.51	1.200	*	0.000	0.50	1.411	1.69	62.3	0.0	134.4
32.00		1.00	0.71	21.000	23.10	259.47	1.200	*	0.000	0.50	1.415	1.70	62.8	0.0	199.3
33.00		1.00	0.72	21.186	23.30	259.35	1.200	*	0.000	1.00	2.840	3.41	127.1	0.0	400.3
34.00		1.00	0.72	21.367	23.50	259.19	1.200	*	0.000	1.00	2.826	3.39	127.5	0.0	398.9
35.00		1.00	0.73	21.545	23.69	258.99	1.200	*	0.000	1.00	2.812	3.37	128.0	0.0	397.5
35.67	Top - Section 1	1.00	0.73	21.662	23.82	258.84	1.200	*	0.000	0.67	1.877	2.25	85.9	0.0	265.5
36.00		1.00	0.73	21.719	23.89	263.86	1.200	*	0.000	0.33	0.922	1.11	42.3	0.0	79.5
37.00		1.00	0.74	21.890	24.07	263.61	1.200	*	0.000	1.00	2.785	3.34	128.8	0.0	240.4
38.00		1.00	0.75	22.057	24.26	263.33	1.200	*	0.000	1.00	2.772	3.33	129.1	0.0	239.7
39.00		1.00	0.75	22.221	24.44	263.02	1.200	*	0.000	1.00	2.758	3.31	129.5	0.0	239.1
40.00		1.00	0.76	22.383	24.62	262.68	1.200	*	0.000	1.00	2.745	3.29	129.8	0.0	238.4
41.00		1.00	0.76	22.541	24.79	262.30	1.200	*	0.000	1.00	2.731	3.28	130.0	0.0	237.8
42.00		1.00	0.77	22.697	24.96	261.90	1.200	*	0.000	1.00	2.718	3.26	130.3	0.0	237.2
43.00		1.00	0.77	22.850	25.13	261.47	1.200	*	0.000	1.00	2.704	3.25	130.5	0.0	236.5
44.00		1.00	0.78	23.000	25.30	261.02	1.200	*	0.000	1.00	2.691	3.23	130.7	0.0	235.9
45.00		1.00	0.78	23.149	25.46	260.54	1.200	*	0.000	1.00	2.677	3.21	130.9	0.0	235.2
46.00		1.00	0.79	23.294	25.62	260.03	1.200	*	0.000	1.00	2.664	3.20	131.1	0.0	234.6
47.00		1.00	0.79	23.438	25.78	259.51	1.200	*	0.000	1.00	2.650	3.18	131.2	0.0	233.9
48.00		1.00	0.80	23.579	25.93	258.96	1.200	*	0.000	1.00	2.637	3.16	131.3	0.0	233.3

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 7
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

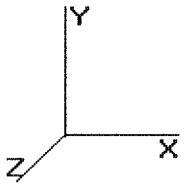
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

49.00		1.00	0.80	23.719	26.09	258.39	1.200 *	0.000	1.00	2.623	3.15	131.4	0.0	232.6
50.00		1.00	0.81	23.856	26.24	257.80	1.200 *	0.000	1.00	2.610	3.13	131.5	0.0	232.0
51.00		1.00	0.81	23.991	26.39	257.18	1.200 *	0.000	1.00	2.596	3.12	131.5	0.0	231.4
52.00		1.00	0.82	24.125	26.53	256.55	1.200 *	0.000	1.00	2.583	3.10	131.6	0.0	230.7
53.00		1.00	0.82	24.257	26.68	255.90	1.200 *	0.000	1.00	2.569	3.08	131.6	0.0	230.1
54.00		1.00	0.82	24.386	26.82	255.23	1.200 *	0.000	1.00	2.556	3.07	131.6	0.0	229.4
55.00		1.00	0.83	24.515	26.96	254.54	1.200 *	0.000	1.00	2.542	3.05	131.6	0.0	228.8
56.00		1.00	0.83	24.641	27.10	253.84	1.200 *	0.000	1.00	2.529	3.03	131.6	0.0	228.1
57.00		1.00	0.84	24.766	27.24	253.12	1.200 *	0.000	1.00	2.515	3.02	131.6	0.0	227.5
58.00		1.00	0.84	24.889	27.37	252.38	1.200 *	0.000	1.00	2.502	3.00	131.5	0.0	226.8
59.00	Reinf. Top	1.00	0.85	25.011	27.51	251.62	1.200 *	0.000	1.00	2.488	2.99	131.4	0.0	226.2
60.00		1.00	0.85	25.132	27.64	250.86	1.200 *	0.000	1.00	2.475	2.97	131.3	0.0	171.2
61.00		1.00	0.85	25.251	27.77	250.07	1.200 *	0.000	1.00	2.461	2.95	131.2	0.0	170.5
62.00		1.00	0.86	25.368	27.90	249.27	1.200 *	0.000	1.00	2.447	2.94	131.1	0.0	169.9
63.00		1.00	0.86	25.485	28.03	248.46	1.200 *	0.000	1.00	2.434	2.92	131.0	0.0	169.2
64.00		1.00	0.87	25.599	28.15	247.63	1.200 *	0.000	1.00	2.420	2.90	130.9	0.0	168.6
65.00		1.00	0.87	25.713	28.28	246.79	1.200 *	0.000	1.00	2.407	2.89	130.7	0.0	167.9
66.00		1.00	0.87	25.825	28.40	245.94	1.200 *	0.000	1.00	2.393	2.87	130.5	0.0	167.3
67.00		1.00	0.88	25.937	28.53	245.07	1.200 *	0.000	1.00	2.380	2.86	130.4	0.0	166.6
68.00		1.00	0.88	26.047	28.65	244.19	1.200 *	0.000	1.00	2.366	2.84	130.2	0.0	166.0
69.00	Appertunance(s)	1.00	0.88	26.156	28.77	243.30	1.200 *	0.000	1.00	2.353	2.82	130.0	0.0	165.3
70.00		1.00	0.89	26.263	28.89	242.39	1.200 *	0.000	1.00	2.339	2.81	129.8	0.0	164.7
70.00	Bot - Section 3	1.00	0.89	26.264	28.89	242.39	1.200 *	0.000	0.00	0.008	0.01	0.4	0.0	0.5
71.00		1.00	0.89	26.370	29.00	241.48	1.200 *	0.000	1.00	2.361	2.83	131.5	0.0	252.6
72.00		1.00	0.90	26.476	29.12	240.55	1.200 *	0.000	1.00	2.355	2.83	131.7	0.0	252.3
73.00		1.00	0.90	26.580	29.23	239.61	1.200 *	0.000	1.00	2.342	2.81	131.5	0.0	251.2
73.50	Top - Section 2	1.00	0.90	26.632	29.29	239.13	1.200 *	0.000	0.50	1.174	1.41	66.0	0.0	126.0
74.00		1.00	0.90	26.684	29.35	243.18	1.200 *	0.000	0.50	1.155	1.39	65.1	0.0	70.6
75.00		1.00	0.91	26.786	29.46	242.23	1.200 *	0.000	1.00	2.315	2.78	131.0	0.0	141.8
76.00		1.00	0.91	26.888	29.57	241.26	1.200 *	0.000	1.00	2.301	2.76	130.7	0.0	141.3
77.00		1.00	0.91	26.988	29.68	240.29	1.200 *	0.000	1.00	2.288	2.75	130.4	0.0	140.7
78.00		1.00	0.92	27.088	29.79	239.31	1.200 *	0.000	1.00	2.274	2.73	130.1	0.0	140.2
79.00		1.00	0.92	27.187	29.90	238.31	1.200 *	0.000	1.00	2.261	2.71	129.8	0.0	139.7
80.00		1.00	0.92	27.285	30.01	237.31	1.200 *	0.000	1.00	2.247	2.70	129.5	0.0	139.2
81.00		1.00	0.93	27.382	30.12	236.30	1.200 *	0.000	1.00	2.234	2.68	129.2	0.0	138.7
82.00		1.00	0.93	27.478	30.22	235.27	1.200 *	0.000	1.00	2.220	2.66	128.8	0.0	138.2
83.00		1.00	0.93	27.573	30.33	234.24	1.200 *	0.000	1.00	2.207	2.65	128.5	0.0	137.7
84.00		1.00	0.94	27.668	30.43	233.20	1.200 *	0.000	1.00	2.193	2.63	128.2	0.0	137.1
85.00		1.00	0.94	27.761	30.53	232.15	1.200 *	0.000	1.00	2.180	2.62	127.8	0.0	136.6
86.00		1.00	0.94	27.854	30.64	231.09	1.200 *	0.000	1.00	2.166	2.60	127.4	0.0	136.1
87.00		1.00	0.95	27.946	30.74	230.03	1.200 *	0.000	1.00	2.153	2.58	127.1	0.0	135.6
88.00		1.00	0.95	28.038	30.84	228.95	1.200 *	0.000	1.00	2.139	2.57	126.7	0.0	135.1
89.00		1.00	0.95	28.129	30.94	227.87	1.200 *	0.000	1.00	2.126	2.55	126.3	0.0	134.6
90.00		1.00	0.95	28.219	31.04	226.77	1.200 *	0.000	1.00	2.112	2.53	125.9	0.0	134.1
91.00		1.00	0.96	28.308	31.13	225.67	1.200 *	0.000	1.00	2.099	2.52	125.5	0.0	133.5
92.00		1.00	0.96	28.396	31.23	224.57	1.200 *	0.000	1.00	2.085	2.50	125.0	0.0	133.0
93.00	Appertunance(s)	1.00	0.96	28.484	31.33	223.45	1.200 *	0.000	1.00	2.072	2.49	124.6	0.0	132.5
94.00		1.00	0.97	28.571	31.42	222.33	1.200 *	0.000	1.00	2.058	2.47	124.2	0.0	132.0
95.00		1.00	0.97	28.658	31.52	221.20	1.200 *	0.000	1.00	2.044	2.45	123.7	0.0	131.5
96.00		1.00	0.97	28.744	31.61	220.06	1.200 *	0.000	1.00	2.031	2.44	123.3	0.0	131.0
97.00		1.00	0.98	28.829	31.71	218.91	1.200 *	0.000	1.00	2.017	2.42	122.8	0.0	130.4
98.00		1.00	0.98	28.913	31.80	217.76	1.200 *	0.000	1.00	2.004	2.40	122.4	0.0	129.9
99.00		1.00	0.98	28.997	31.89	216.60	1.200 *	0.000	1.00	1.990	2.39	121.9	0.0	129.4
100.0		1.00	0.98	29.081	31.98	215.43	1.200 *	0.000	1.00	1.977	2.37	121.4	0.0	128.9
101.0		1.00	0.99	29.164	32.08	214.26	1.200 *	0.000	1.00	1.963	2.36	120.9	0.0	128.4
102.0		1.00	0.99	29.246	32.17	213.08	1.200 *	0.000	1.00	1.950	2.34	120.4	0.0	127.9
103.0	Appertunance(s)	1.00	0.99	29.328	32.26	211.89	1.200 *	0.000	1.00	1.936	2.32	119.9	0.0	127.4

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:55 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 87
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 0 Iterations

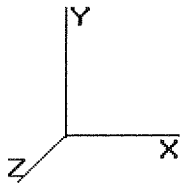
Gust Response Factor : 1.10		Sds : 0.26	Ss : 0.24
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.10	S1 : 0.06
Wind Load Factor : 0.00	Structure Frequency : 0.2370	SA : 0.02	Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

R : 1.50

Seg Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00	0.00
1.00		151.73	0.00	0.01	0.00	1.84
2.00	Reinf Bottom Reinf	151.08	0.00	0.01	0.01	3.05
3.00		150.44	0.00	0.02	0.01	3.95
4.00		149.79	0.00	0.03	0.01	4.64
5.00		149.15	0.00	0.03	0.02	5.19
6.00		148.51	0.00	0.04	0.02	5.63
7.00		147.86	0.00	0.04	0.02	6.00
8.00		147.22	0.01	0.05	0.03	6.30
9.00		146.58	0.01	0.05	0.03	6.54
10.00		145.93	0.01	0.05	0.03	6.75
11.00		145.29	0.01	0.06	0.03	6.92
12.00		144.64	0.01	0.06	0.03	7.06
13.00		144.00	0.01	0.06	0.03	7.17
14.00		143.36	0.02	0.06	0.04	7.26
15.00		142.71	0.02	0.06	0.04	7.34
16.00		142.07	0.02	0.06	0.04	7.39
17.00		141.42	0.02	0.07	0.04	7.44
18.00	Reinf. Top Reinf. Top	140.78	0.03	0.07	0.04	7.48
19.00		140.14	0.03	0.07	0.04	7.50
20.00		139.49	0.03	0.07	0.04	7.52
21.00		138.85	0.04	0.07	0.04	7.54
22.00		138.21	0.04	0.07	0.04	7.55
23.00		137.56	0.04	0.07	0.04	7.55
24.00		136.92	0.05	0.07	0.04	7.56
25.00		136.27	0.05	0.07	0.04	7.56
26.00		135.63	0.06	0.07	0.04	7.56
27.00		134.99	0.06	0.07	0.04	7.56
28.00		134.34	0.07	0.07	0.04	7.56
29.00		133.70	0.07	0.07	0.04	7.56
30.00		133.05	0.08	0.07	0.04	7.56
31.00		132.41	0.08	0.07	0.04	7.56
31.50	Bot - Section 2	66.40	0.08	0.07	0.04	3.80
32.00		121.09	0.09	0.07	0.04	6.95
33.00		242.93	0.09	0.07	0.04	14.02
34.00		241.74	0.10	0.07	0.04	14.03
35.00		240.56	0.10	0.07	0.04	14.05
35.67	Top - Section 1	160.52	0.11	0.07	0.04	9.41
36.00		36.30	0.11	0.07	0.04	2.13
37.00		109.65	0.11	0.07	0.04	6.48
38.00		109.12	0.12	0.07	0.03	6.49
39.00		108.58	0.13	0.07	0.03	6.49
40.00		108.04	0.13	0.07	0.03	6.50
41.00		107.50	0.14	0.07	0.03	6.51
42.00		106.97	0.15	0.07	0.03	6.52
43.00		106.43	0.16	0.07	0.03	6.52
44.00		105.89	0.16	0.07	0.03	6.52
45.00		105.35	0.17	0.07	0.03	6.52
46.00		104.82	0.18	0.07	0.03	6.52
47.00		104.28	0.19	0.06	0.03	6.51
48.00		103.74	0.19	0.06	0.02	6.50

Pole :	302484	Code:	ANSI/TIA-222 Rev G		3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class :	II		
Height :	150.0 (ft)	Exposure Category :	B		Page: 88
Base Dia :	37.38 (in)	Topographic Category :	1		
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)		
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				

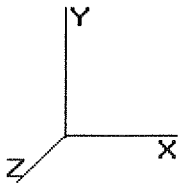


Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 0 Iterations

Gust Response Factor : 1.10 | Sds : 0.26 | Ss : 0.24
Dead Load Factor : 0.90 | Seismic Load Factor : 1.00 | Sd1 : 0.10 | S1 : 0.06
Wind Load Factor : 0.00 | Structure Frequency : 0.2370 | SA : 0.02 | Seismic Importance Factor : 1.00

49.00		103.20	0.20	0.06	0.02	6.48
50.00		102.67	0.21	0.06	0.02	6.46
51.00		102.13	0.22	0.06	0.02	6.43
52.00		101.59	0.23	0.06	0.02	6.39
53.00		101.06	0.24	0.06	0.02	6.34
54.00		100.52	0.24	0.06	0.02	6.28
55.00		99.98	0.25	0.05	0.02	6.20
56.00		99.44	0.26	0.05	0.02	6.11
57.00		98.91	0.27	0.05	0.01	6.01
58.00		98.37	0.28	0.05	0.01	5.89
59.00	Reinf. Top	97.83	0.29	0.05	0.01	5.74
60.00		97.29	0.30	0.04	0.01	5.58
61.00		96.76	0.31	0.04	0.01	5.39
62.00		96.22	0.32	0.04	0.01	5.18
63.00		95.68	0.33	0.04	0.01	4.93
64.00		95.14	0.34	0.03	0.01	4.66
65.00		94.61	0.35	0.03	0.01	4.36
66.00		94.07	0.37	0.03	0.01	4.02
67.00		93.53	0.38	0.03	0.01	3.65
68.00		92.99	0.39	0.02	0.01	3.25
69.00	Appertunance(s)	102.46	0.40	0.02	0.01	3.12
70.00		91.92	0.41	0.01	0.01	2.35
70.00	Bot - Section 3	0.31	0.41	0.01	0.01	0.01
71.00		165.36	0.42	0.01	0.01	3.36
72.00		164.95	0.44	0.01	0.01	2.43
73.00		163.98	0.45	0.00	0.01	1.45
73.50	Top - Section 2	82.17	0.45	0.00	0.01	0.48
74.00		36.32	0.46	0.00	0.01	0.10
75.00		72.81	0.47	-0.01	0.01	-0.25
76.00		72.38	0.49	-0.01	0.01	-0.70
77.00		71.96	0.50	-0.02	0.01	-1.14
78.00		71.53	0.51	-0.02	0.01	-1.57
79.00		71.10	0.52	-0.03	0.01	-1.98
80.00		70.67	0.54	-0.03	0.01	-2.37
81.00		70.24	0.55	-0.03	0.01	-2.74
82.00		69.81	0.56	-0.04	0.01	-3.07
83.00		69.38	0.58	-0.05	0.01	-3.38
84.00		68.95	0.59	-0.05	0.01	-3.65
85.00		68.52	0.61	-0.06	0.02	-3.89
86.00		68.09	0.62	-0.06	0.02	-4.10
87.00		67.66	0.64	-0.07	0.02	-4.28
88.00		67.23	0.65	-0.07	0.02	-4.43
89.00		66.80	0.67	-0.08	0.02	-4.55
90.00		66.38	0.68	-0.08	0.03	-4.65
91.00		65.95	0.70	-0.09	0.03	-4.71
92.00		65.52	0.71	-0.09	0.03	-4.76
93.00	Appertunance(s)	109.09	0.73	-0.09	0.04	-8.01
94.00		64.66	0.74	-0.10	0.04	-4.78
95.00		64.23	0.76	-0.10	0.04	-4.76
96.00		63.80	0.77	-0.11	0.05	-4.72
97.00		63.37	0.79	-0.11	0.05	-4.66
98.00		62.94	0.81	-0.11	0.06	-4.58
99.00		62.51	0.82	-0.12	0.06	-4.48
100.0		62.08	0.84	-0.12	0.07	-4.37
101.0		61.65	0.86	-0.12	0.07	-4.25
102.0		61.22	0.87	-0.12	0.08	-4.11
103.0	Appertunance(s)	104.80	0.89	-0.12	0.08	-6.82

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:56 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 89
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 0.9D + 1.0E — Dead Load with Seismic (Reduced DL) — 0 Iterations

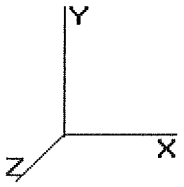
Gust Response Factor : 1.10 | Sds : 0.26 | Ss : 0.24
Dead Load Factor : 0.90 | Seismic Load Factor : 1.00 | Sd1 : 0.10 | S1 : 0.06
Wind Load Factor : 0.00 | Structure Frequency : 0.2370 | SA : 0.02 | Seismic Importance Factor : 1.00

104.0		60.37	0.91	-0.12	0.09	-3.79
105.0		59.94	0.93	-0.12	0.10	-3.61
106.0		59.51	0.94	-0.12	0.11	-3.41
107.0		59.08	0.96	-0.12	0.11	-3.21
108.0		58.65	0.98	-0.11	0.12	-2.99
109.0		58.22	1.00	-0.11	0.13	-2.76
110.0		57.79	1.02	-0.11	0.14	-2.52
110.0	Top - Section 3	0.19	1.02	-0.11	0.14	-0.01
111.0		43.12	1.03	-0.10	0.15	-1.71
112.0		42.94	1.05	-0.09	0.16	-1.52
113.0	Appertunance(s)	2796.52	1.07	-0.08	0.17	-86.00
114.0		42.30	1.09	-0.07	0.18	-1.10
115.0		41.97	1.11	-0.06	0.19	-0.88
116.0		41.65	1.13	-0.05	0.21	-0.65
117.0		41.33	1.15	-0.04	0.22	-0.42
118.0		41.00	1.17	-0.02	0.23	-0.18
119.0	Reinf. Top	40.68	1.19	0.00	0.25	0.07
120.0		40.36	1.21	0.01	0.26	0.32
121.0		40.04	1.23	0.03	0.28	0.58
122.0	Appertunance(s)	49.71	1.25	0.06	0.29	1.06
123.0		39.39	1.27	0.08	0.31	1.12
124.0		39.07	1.29	0.11	0.33	1.39
125.0		38.74	1.31	0.14	0.35	1.67
126.0		38.42	1.33	0.17	0.37	1.96
127.0		38.10	1.35	0.20	0.39	2.25
128.0		37.78	1.38	0.24	0.41	2.55
129.0		37.45	1.40	0.28	0.43	2.85
130.0	Appertunance(s)	686.03	1.42	0.32	0.45	58.29
131.0		36.81	1.44	0.37	0.48	3.46
132.0		36.48	1.46	0.42	0.50	3.78
133.0		36.16	1.49	0.47	0.53	4.10
134.0		35.84	1.51	0.52	0.55	4.42
135.0		35.52	1.53	0.58	0.58	4.74
136.0		35.19	1.55	0.64	0.61	5.07
137.0		34.87	1.58	0.71	0.64	5.40
138.0		34.55	1.60	0.78	0.67	5.73
139.0		34.23	1.62	0.85	0.70	6.07
140.0	Appertunance(s)	578.40	1.65	0.93	0.73	109.32
141.0		33.58	1.67	1.01	0.77	6.75
142.0		33.26	1.69	1.10	0.81	7.09
143.0		32.93	1.72	1.19	0.84	7.44
144.0		32.61	1.74	1.29	0.88	7.78
145.0		32.29	1.77	1.39	0.92	8.13
146.0		31.97	1.79	1.50	0.96	8.48
147.0		31.64	1.82	1.61	1.00	8.82
148.0		31.32	1.84	1.73	1.05	9.17
149.0		31.00	1.86	1.85	1.09	9.52
150.0	Appertunance(s)	3266.37	1.89	1.98	1.14	1051.14
	Totals:	20,674.19				1,595.25

Total Wind : 35,922.4

Seismic Base Shear Is Less Than 50% Of Wind Force - Analysis Not Required

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 90
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

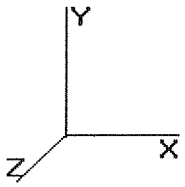
Gust Response Factor : 1.10
Dead Load Factor : 1.00
Wind Load Factor : 1.00

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)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	161.88		1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	6.129	6.742	161.20		1.200 *	0.000	1.00	3.218	3.86	26.0	0.0	260.5
2.00	Reinf Bottom Reinf	1.00	0.70	6.129	6.742	160.53		1.200 *	0.000	1.00	3.205	3.85	25.9	0.0	259.9
3.00		1.00	0.70	6.129	6.742	159.85		1.200 *	0.000	1.00	3.191	3.83	25.8	0.0	320.5
4.00		1.00	0.70	6.129	6.742	159.17		1.200 *	0.000	1.00	3.178	3.81	25.7	0.0	319.8
5.00		1.00	0.70	6.129	6.742	158.49		1.200 *	0.000	1.00	3.164	3.80	25.6	0.0	319.2
6.00		1.00	0.70	6.129	6.742	157.81		1.200 *	0.000	1.00	3.151	3.78	25.5	0.0	318.5
7.00		1.00	0.70	6.129	6.742	157.13		1.200 *	0.000	1.00	3.137	3.76	25.4	0.0	317.9
8.00		1.00	0.70	6.129	6.742	156.45		1.200 *	0.000	1.00	3.123	3.75	25.3	0.0	317.3
9.00		1.00	0.70	6.129	6.742	155.78		1.200 *	0.000	1.00	3.110	3.73	25.2	0.0	316.6
10.00		1.00	0.70	6.129	6.742	155.10		1.200 *	0.000	1.00	3.096	3.72	25.0	0.0	316.0
11.00		1.00	0.70	6.129	6.742	154.42		1.200 *	0.000	1.00	3.083	3.70	24.9	0.0	315.3
12.00		1.00	0.70	6.129	6.742	153.74		1.200 *	0.000	1.00	3.069	3.68	24.8	0.0	314.7
13.00		1.00	0.70	6.129	6.742	153.06		1.200 *	0.000	1.00	3.056	3.67	24.7	0.0	314.0
14.00		1.00	0.70	6.129	6.742	152.38		1.200 *	0.000	1.00	3.042	3.65	24.6	0.0	313.4
15.00		1.00	0.70	6.129	6.742	151.70		1.200 *	0.000	1.00	3.029	3.63	24.5	0.0	312.8
16.00		1.00	0.70	6.129	6.742	151.03		1.200 *	0.000	1.00	3.015	3.62	24.4	0.0	312.1
17.00		1.00	0.70	6.129	6.742	150.35		1.200 *	0.000	1.00	3.002	3.60	24.3	0.0	311.5
18.00	Reinf. Top Reinf. Top	1.00	0.70	6.129	6.742	149.67		1.200 *	0.000	1.00	2.988	3.59	24.2	0.0	310.8
19.00		1.00	0.70	6.129	6.742	148.99		1.200 *	0.000	1.00	2.975	3.57	24.1	0.0	248.9
20.00		1.00	0.70	6.129	6.742	148.31		1.200 *	0.000	1.00	2.961	3.55	24.0	0.0	248.3
21.00		1.00	0.70	6.129	6.742	147.63		1.200 *	0.000	1.00	2.948	3.54	23.8	0.0	247.6
22.00		1.00	0.70	6.129	6.742	146.95		1.200 *	0.000	1.00	2.934	3.52	23.7	0.0	247.0
23.00		1.00	0.70	6.129	6.742	146.27		1.200 *	0.000	1.00	2.921	3.50	23.6	0.0	246.4
24.00		1.00	0.70	6.129	6.742	145.60		1.200 *	0.000	1.00	2.907	3.49	23.5	0.0	245.7
25.00		1.00	0.70	6.129	6.742	144.92		1.200 *	0.000	1.00	2.894	3.47	23.4	0.0	245.1
26.00		1.00	0.70	6.129	6.742	144.24		1.200 *	0.000	1.00	2.880	3.46	23.3	0.0	244.4
27.00		1.00	0.70	6.129	6.742	143.56		1.200 *	0.000	1.00	2.867	3.44	23.2	0.0	243.8
28.00		1.00	0.70	6.129	6.742	142.88		1.200 *	0.000	1.00	2.853	3.42	23.1	0.0	243.1
29.00		1.00	0.70	6.129	6.742	142.20		1.200 *	0.000	1.00	2.840	3.41	23.0	0.0	242.5
30.00		1.00	0.70	6.134	6.747	141.58		1.200 *	0.000	1.00	2.826	3.39	22.9	0.0	241.9
31.00		1.00	0.70	6.192	6.811	141.57		1.200 *	0.000	1.00	2.813	3.38	23.0	0.0	241.2
31.50	Bot - Section 2	1.00	0.71	6.220	6.842	141.55		1.200 *	0.000	0.50	1.411	1.69	11.6	0.0	121.2
32.00		1.00	0.71	6.248	6.873	141.52		1.200 *	0.000	0.50	1.415	1.70	11.7	0.0	175.1
33.00		1.00	0.72	6.303	6.933	141.46		1.200 *	0.000	1.00	2.840	3.41	23.6	0.0	351.7
34.00		1.00	0.72	6.357	6.993	141.37		1.200 *	0.000	1.00	2.826	3.39	23.7	0.0	350.5
35.00		1.00	0.73	6.410	7.051	141.27		1.200 *	0.000	1.00	2.812	3.37	23.8	0.0	349.4
35.67	Top - Section 1	1.00	0.73	6.445	7.089	141.18		1.200 *	0.000	0.67	1.877	2.25	16.0	0.0	233.4
36.00		1.00	0.73	6.462	7.108	143.92		1.200 *	0.000	0.33	0.922	1.11	7.9	0.0	72.2
37.00		1.00	0.74	6.513	7.164	143.79		1.200 *	0.000	1.00	2.785	3.34	23.9	0.0	218.5
38.00		1.00	0.75	6.562	7.219	143.63		1.200 *	0.000	1.00	2.772	3.33	24.0	0.0	217.9
39.00		1.00	0.75	6.611	7.272	143.46		1.200 *	0.000	1.00	2.758	3.31	24.1	0.0	217.4
40.00		1.00	0.76	6.659	7.325	143.28		1.200 *	0.000	1.00	2.745	3.29	24.1	0.0	216.8
41.00		1.00	0.76	6.706	7.377	143.07		1.200 *	0.000	1.00	2.731	3.28	24.2	0.0	216.3
42.00		1.00	0.77	6.753	7.428	142.85		1.200 *	0.000	1.00	2.718	3.26	24.2	0.0	215.8
43.00		1.00	0.77	6.798	7.478	142.62		1.200 *	0.000	1.00	2.704	3.25	24.3	0.0	215.2
44.00		1.00	0.78	6.843	7.527	142.37		1.200 *	0.000	1.00	2.691	3.23	24.3	0.0	214.7
45.00		1.00	0.78	6.887	7.576	142.11		1.200 *	0.000	1.00	2.677	3.21	24.3	0.0	214.2
46.00		1.00	0.79	6.931	7.624	141.84		1.200 *	0.000	1.00	2.664	3.20	24.4	0.0	213.6
47.00		1.00	0.79	6.973	7.671	141.55		1.200 *	0.000	1.00	2.650	3.18	24.4	0.0	213.1
48.00		1.00	0.80	7.015	7.717	141.25		1.200 *	0.000	1.00	2.637	3.16	24.4	0.0	212.5

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class : II		
Height :	150.0 (ft)	Exposure Category : B		Page: 91
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			

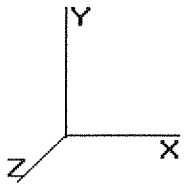


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

49.00		1.00	0.80	7.057	7.763	140.94	1.200	*	0.000	1.00	2.623	3.15	24.4	0.0	212.0
50.00		1.00	0.81	7.098	7.807	140.61	1.200	*	0.000	1.00	2.610	3.13	24.5	0.0	211.5
51.00		1.00	0.81	7.138	7.852	140.28	1.200	*	0.000	1.00	2.596	3.12	24.5	0.0	210.9
52.00		1.00	0.82	7.178	7.895	139.93	1.200	*	0.000	1.00	2.583	3.10	24.5	0.0	210.4
53.00		1.00	0.82	7.217	7.939	139.58	1.200	*	0.000	1.00	2.569	3.08	24.5	0.0	209.9
54.00		1.00	0.82	7.255	7.981	139.21	1.200	*	0.000	1.00	2.556	3.07	24.5	0.0	209.3
55.00		1.00	0.83	7.294	8.023	138.84	1.200	*	0.000	1.00	2.542	3.05	24.5	0.0	208.8
56.00		1.00	0.83	7.331	8.064	138.46	1.200	*	0.000	1.00	2.529	3.03	24.5	0.0	208.2
57.00		1.00	0.84	7.368	8.105	138.06	1.200	*	0.000	1.00	2.515	3.02	24.5	0.0	207.7
58.00		1.00	0.84	7.405	8.146	137.66	1.200	*	0.000	1.00	2.502	3.00	24.5	0.0	207.2
59.00	Reinf. Top	1.00	0.85	7.441	8.186	137.25	1.200	*	0.000	1.00	2.488	2.99	24.4	0.0	206.6
60.00		1.00	0.85	7.477	8.225	136.83	1.200	*	0.000	1.00	2.475	2.97	24.4	0.0	151.7
61.00		1.00	0.85	7.513	8.264	136.40	1.200	*	0.000	1.00	2.461	2.95	24.4	0.0	151.2
62.00		1.00	0.86	7.548	8.302	135.96	1.200	*	0.000	1.00	2.447	2.94	24.4	0.0	150.6
63.00		1.00	0.86	7.582	8.340	135.52	1.200	*	0.000	1.00	2.434	2.92	24.4	0.0	150.1
64.00		1.00	0.87	7.616	8.378	135.07	1.200	*	0.000	1.00	2.420	2.90	24.3	0.0	149.5
65.00		1.00	0.87	7.650	8.415	134.61	1.200	*	0.000	1.00	2.407	2.89	24.3	0.0	149.0
66.00		1.00	0.87	7.684	8.452	134.14	1.200	*	0.000	1.00	2.393	2.87	24.3	0.0	148.5
67.00		1.00	0.88	7.717	8.488	133.67	1.200	*	0.000	1.00	2.380	2.86	24.2	0.0	147.9
68.00		1.00	0.88	7.749	8.524	133.19	1.200	*	0.000	1.00	2.366	2.84	24.2	0.0	147.4
69.00	Appertunance(s)	1.00	0.88	7.782	8.560	132.71	1.200	*	0.000	1.00	2.353	2.82	24.2	0.0	146.9
70.00		1.00	0.89	7.814	8.595	132.21	1.200	*	0.000	1.00	2.339	2.81	24.1	0.0	146.3
70.00	Bot - Section 3	1.00	0.89	7.814	8.595	132.21	1.200	*	0.000	0.00	0.008	0.01	0.1	0.0	0.5
71.00		1.00	0.89	7.846	8.630	131.71	1.200	*	0.000	1.00	2.361	2.83	24.5	0.0	219.6
72.00		1.00	0.90	7.877	8.665	131.21	1.200	*	0.000	1.00	2.355	2.83	24.5	0.0	219.3
73.00		1.00	0.90	7.908	8.699	130.69	1.200	*	0.000	1.00	2.342	2.81	24.4	0.0	218.4
73.50	Top - Section 2	1.00	0.90	7.924	8.716	130.43	1.200	*	0.000	0.50	1.174	1.41	12.3	0.0	109.6
74.00		1.00	0.90	7.939	8.733	132.64	1.200	*	0.000	0.50	1.155	1.39	12.1	0.0	63.3
75.00		1.00	0.91	7.969	8.766	132.12	1.200	*	0.000	1.00	2.315	2.78	24.4	0.0	127.2
76.00		1.00	0.91	8.000	8.800	131.60	1.200	*	0.000	1.00	2.301	2.76	24.3	0.0	126.8
77.00		1.00	0.91	8.030	8.833	131.07	1.200	*	0.000	1.00	2.288	2.75	24.2	0.0	126.4
78.00		1.00	0.92	8.059	8.865	130.53	1.200	*	0.000	1.00	2.274	2.73	24.2	0.0	125.9
79.00		1.00	0.92	8.089	8.897	129.99	1.200	*	0.000	1.00	2.261	2.71	24.1	0.0	125.5
80.00		1.00	0.92	8.118	8.930	129.44	1.200	*	0.000	1.00	2.247	2.70	24.1	0.0	125.1
81.00		1.00	0.93	8.147	8.961	128.89	1.200	*	0.000	1.00	2.234	2.68	24.0	0.0	124.6
82.00		1.00	0.93	8.175	8.993	128.33	1.200	*	0.000	1.00	2.220	2.66	24.0	0.0	124.2
83.00		1.00	0.93	8.204	9.024	127.77	1.200	*	0.000	1.00	2.207	2.65	23.9	0.0	123.8
84.00		1.00	0.94	8.232	9.055	127.20	1.200	*	0.000	1.00	2.193	2.63	23.8	0.0	123.4
85.00		1.00	0.94	8.260	9.086	126.63	1.200	*	0.000	1.00	2.180	2.62	23.8	0.0	122.9
86.00		1.00	0.94	8.287	9.116	126.05	1.200	*	0.000	1.00	2.166	2.60	23.7	0.0	122.5
87.00		1.00	0.95	8.315	9.146	125.47	1.200	*	0.000	1.00	2.153	2.58	23.6	0.0	122.1
88.00		1.00	0.95	8.342	9.176	124.88	1.200	*	0.000	1.00	2.139	2.57	23.6	0.0	121.6
89.00		1.00	0.95	8.369	9.206	124.29	1.200	*	0.000	1.00	2.126	2.55	23.5	0.0	121.2
90.00		1.00	0.95	8.396	9.235	123.69	1.200	*	0.000	1.00	2.112	2.53	23.4	0.0	120.8
91.00		1.00	0.96	8.422	9.264	123.09	1.200	*	0.000	1.00	2.099	2.52	23.3	0.0	120.3
92.00		1.00	0.96	8.448	9.293	122.49	1.200	*	0.000	1.00	2.085	2.50	23.3	0.0	119.9
93.00	Appertunance(s)	1.00	0.96	8.475	9.322	121.88	1.200	*	0.000	1.00	2.072	2.49	23.2	0.0	119.5
94.00		1.00	0.97	8.501	9.351	121.27	1.200	*	0.000	1.00	2.058	2.47	23.1	0.0	119.1
95.00		1.00	0.97	8.526	9.379	120.65	1.200	*	0.000	1.00	2.044	2.45	23.0	0.0	118.6
96.00		1.00	0.97	8.552	9.407	120.03	1.200	*	0.000	1.00	2.031	2.44	22.9	0.0	118.2
97.00		1.00	0.98	8.577	9.435	119.40	1.200	*	0.000	1.00	2.017	2.42	22.8	0.0	117.8
98.00		1.00	0.98	8.602	9.463	118.78	1.200	*	0.000	1.00	2.004	2.40	22.8	0.0	117.3
99.00		1.00	0.98	8.627	9.490	118.14	1.200	*	0.000	1.00	1.990	2.39	22.7	0.0	116.9
100.0		1.00	0.98	8.652	9.517	117.51	1.200	*	0.000	1.00	1.977	2.37	22.6	0.0	116.5
101.0		1.00	0.99	8.677	9.544	116.87	1.200	*	0.000	1.00	1.963	2.36	22.5	0.0	116.1
102.0		1.00	0.99	8.701	9.571	116.22	1.200	*	0.000	1.00	1.950	2.34	22.4	0.0	115.6
103.0	Appertunance(s)	1.00	0.99	8.726	9.598	115.57	1.200	*	0.000	1.00	1.936	2.32	22.3	0.0	115.2

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 92
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

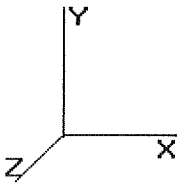
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

104.0		1.00	0.99	8.750	9.625	114.92	1.200	*	0.000	1.00	1.923	2.31	22.2	0.0	114.8
105.0		1.00	1.00	8.774	9.651	114.27	1.200	*	0.000	1.00	1.909	2.29	22.1	0.0	114.3
106.0		1.00	1.00	8.797	9.677	113.61	1.200	*	0.000	1.00	1.896	2.27	22.0	0.0	113.9
107.0		1.00	1.00	8.821	9.703	112.95	1.200	*	0.000	1.00	1.882	2.26	21.9	0.0	113.5
108.0		1.00	1.01	8.845	9.729	112.28	1.200	*	0.000	1.00	1.869	2.24	21.8	0.0	113.0
109.0		1.00	1.01	8.868	9.755	111.61	1.200	*	0.000	1.00	1.855	2.23	21.7	0.0	112.6
110.0		1.00	1.01	8.891	9.780	110.94	1.200	*	0.000	1.00	1.842	2.21	21.6	0.0	112.2
110.0	Top - Section 3	1.00	1.01	8.891	9.780	110.94	1.200	*	0.000	0.00	0.006	0.01	0.1	0.0	0.4
111.0		1.00	1.01	8.914	9.805	110.27	1.200	*	0.000	1.00	1.822	2.19	21.4	0.0	97.3
112.0		1.00	1.02	8.937	9.831	109.59	1.200	*	0.000	1.00	1.815	2.18	21.4	0.0	97.3
113.0	Appertunance(s)	1.00	1.02	8.960	9.856	108.91	1.200	*	0.000	1.00	1.801	2.16	21.3	0.0	97.0
114.0		1.00	1.02	8.982	9.880	108.22	1.200	*	0.000	1.00	1.788	2.15	21.2	0.0	96.7
115.0		1.00	1.02	9.005	9.905	107.54	1.200	*	0.000	1.00	1.774	2.13	21.1	0.0	96.4
116.0		1.00	1.03	9.027	9.930	106.85	1.200	*	0.000	1.00	1.761	2.11	21.0	0.0	96.0
117.0		1.00	1.03	9.049	9.954	106.15	1.200	*	0.000	1.00	1.747	2.10	20.9	0.0	95.7
118.0		1.00	1.03	9.071	9.978	105.46	1.200	*	0.000	1.00	1.734	2.08	20.8	0.0	95.4
119.0	Reinf. Top	1.00	1.03	9.093	10.00	104.76	1.200	*	0.000	1.00	1.720	2.06	20.6	0.0	95.1
120.0		1.00	1.04	9.115	10.02	104.05	1.200	*	0.000	1.00	1.707	2.05	20.5	0.0	40.4
121.0		1.00	1.04	9.136	10.05	103.35	1.200	*	0.000	1.00	1.693	2.03	20.4	0.0	40.0
122.0	Appertunance(s)	1.00	1.04	9.158	10.07	102.64	1.200	*	0.000	1.00	1.679	2.02	20.3	0.0	39.7
123.0		1.00	1.04	9.179	10.09	101.93	1.200	*	0.000	1.00	1.666	2.00	20.2	0.0	39.4
124.0		1.00	1.05	9.201	10.12	101.22	1.200	*	0.000	1.00	1.652	1.98	20.1	0.0	39.1
125.0		1.00	1.05	9.222	10.14	100.50	1.200	*	0.000	1.00	1.639	1.97	20.0	0.0	38.7
126.0		1.00	1.05	9.243	10.16	99.786	1.200	*	0.000	1.00	1.625	1.95	19.8	0.0	38.4
127.0		1.00	1.05	9.264	10.19	99.064	1.200	*	0.000	1.00	1.612	1.93	19.7	0.0	38.1
128.0		1.00	1.06	9.284	10.21	98.340	1.200	*	0.000	1.00	1.598	1.92	19.6	0.0	37.8
129.0		1.00	1.06	9.305	10.23	97.613	1.200	*	0.000	1.00	1.585	1.90	19.5	0.0	37.5
130.0	Appertunance(s)	1.00	1.06	9.326	10.25	96.884	1.200	*	0.000	1.00	1.571	1.89	19.3	0.0	37.1
131.0		1.00	1.06	9.346	10.28	96.152	1.200	*	0.000	1.00	1.558	1.87	19.2	0.0	36.8
132.0		1.00	1.07	9.366	10.30	95.417	1.200	*	0.000	1.00	1.544	1.85	19.1	0.0	36.5
133.0		1.00	1.07	9.387	10.32	94.680	1.200	*	0.000	1.00	1.531	1.84	19.0	0.0	36.2
134.0		1.00	1.07	9.407	10.34	93.941	1.200	*	0.000	1.00	1.517	1.82	18.8	0.0	35.8
135.0		1.00	1.07	9.427	10.36	93.199	1.200	*	0.000	1.00	1.504	1.80	18.7	0.0	35.5
136.0		1.00	1.07	9.447	10.39	92.455	1.200	*	0.000	1.00	1.490	1.79	18.6	0.0	35.2
137.0		1.00	1.08	9.466	10.41	91.708	1.200	*	0.000	1.00	1.477	1.77	18.5	0.0	34.9
138.0		1.00	1.08	9.486	10.43	90.959	1.200	*	0.000	1.00	1.463	1.76	18.3	0.0	34.5
139.0		1.00	1.08	9.506	10.45	90.208	1.200	*	0.000	1.00	1.450	1.74	18.2	0.0	34.2
140.0	Appertunance(s)	1.00	1.08	9.525	10.47	89.454	1.200	*	0.000	1.00	1.436	1.72	18.1	0.0	33.9
141.0		1.00	1.09	9.545	10.49	88.698	1.000		0.000	1.00	1.423	1.42	14.9	0.0	33.6
142.0		1.00	1.09	9.564	10.52	87.940	1.000		0.000	1.00	1.409	1.41	14.8	0.0	33.3
143.0		1.00	1.09	9.583	10.54	87.180	1.000		0.000	1.00	1.396	1.40	14.7	0.0	32.9
144.0		1.00	1.09	9.602	10.56	86.417	1.000		0.000	1.00	1.382	1.38	14.6	0.0	32.6
145.0		1.00	1.09	9.621	10.58	85.652	1.000		0.000	1.00	1.369	1.37	14.5	0.0	32.3
146.0		1.00	1.10	9.640	10.60	84.885	1.000		0.000	1.00	1.355	1.36	14.4	0.0	32.0
147.0		1.00	1.10	9.659	10.62	84.116	1.000		0.000	1.00	1.341	1.34	14.3	0.0	31.6
148.0		1.00	1.10	9.678	10.64	83.345	1.000		0.000	1.00	1.328	1.33	14.1	0.0	31.3
149.0		1.00	1.10	9.696	10.66	82.571	1.000		0.000	1.00	1.314	1.31	14.0	0.0	31.0
150.0	Appertunance(s)	1.00	1.11	9.715	10.68	81.796	1.000		0.000	1.00	1.301	1.30	13.9	0.0	30.7
* = Cf Adjusted By Linear Load Ra Effect						Totals:			450.00				75,216.8	0.0	73,477.1

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 93
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

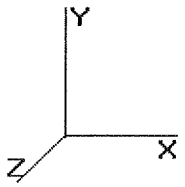
Gust Response Factor : 1.10
Dead Load Factor : 1.00
Wind Load Factor : 1.00

Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
69.00	Channel Master Type	1	7.814	8.595	1.00	1.00	20.19	0.000	1.000	173.54	0.00	173.54	126.00
93.00	Decibel DB408	1	8.475	9.322	1.00	1.00	2.90	0.000	0.000	27.03	0.00	0.00	17.00
93.00	Standoff	1	8.475	9.322	1.00	1.00	2.50	0.000	0.000	23.31	0.00	0.00	200.00
103.0	Decibel DB408	2	8.726	9.598	1.00	1.00	5.80	0.000	0.000	55.67	0.00	0.00	34.00
103.0	Standoff	1	8.726	9.598	1.00	1.00	2.50	0.000	0.000	24.00	0.00	0.00	200.00
113.0	Antel BXA-171063-8CF	2	8.960	9.856	0.71	0.80	3.32	0.000	0.000	32.69	0.00	0.00	18.40
113.0	Commscope SBNHH-	3	8.960	9.856	0.69	0.80	13.53	0.000	0.000	133.34	0.00	0.00	152.10
113.0	RFS APL868013-42T0	4	8.960	9.856	0.73	0.80	8.43	0.000	0.000	83.11	0.00	0.00	25.20
113.0	RFS APL868013-42T0	2	8.960	9.856	0.73	0.80	4.22	0.000	0.000	41.56	0.00	0.00	12.60
113.0	RFS FD9R6004/2C-3L	6	8.960	9.856	0.50	0.80	0.89	0.000	0.000	8.75	0.00	0.00	15.60
113.0	Round T-Arm	3	8.960	9.856	0.67	0.75	14.62	0.000	0.000	144.11	0.00	0.00	750.00
113.0	Alcatel-Lucent RRH2x	3	8.960	9.856	0.50	0.80	2.26	0.000	0.000	22.23	0.00	0.00	132.00
113.0	Antel BXA-171085-8CF	1	8.960	9.856	0.71	0.80	1.67	0.000	0.000	16.46	0.00	0.00	10.50
113.0	RFS DB-T1-6Z-8AB-0Z	1	8.960	9.856	1.00	0.80	3.84	0.000	0.000	37.85	0.00	0.00	44.00
122.0	SWR FMEC/1	1	9.158	10.074	1.00	1.00	0.66	0.000	0.000	6.65	0.00	0.00	15.00
130.0	12" x 12" Junction B	1	9.326	10.258	0.50	0.80	0.48	0.000	0.000	4.92	0.00	0.00	10.00
130.0	Argus LLPX310R	3	9.326	10.258	0.63	0.80	6.49	0.000	0.000	66.54	0.00	0.00	85.80
130.0	Clearwire Mount	1	9.326	10.258	1.00	1.00	8.50	0.000	0.000	87.19	0.00	0.00	560.00
130.0	DragonWave A-ANT-	1	9.326	10.258	1.00	0.80	6.74	0.000	0.000	69.18	0.00	0.00	47.60
130.0	DragonWave A-ANT-	1	9.326	10.258	1.00	0.80	1.29	0.000	0.000	13.21	0.00	0.00	15.00
130.0	DragonWave Horizon	2	9.326	10.258	0.50	0.80	0.34	0.000	0.000	3.53	0.00	0.00	21.20
130.0	NextNet BTS-2500	3	9.326	10.258	0.50	0.80	2.18	0.000	0.000	22.40	0.00	0.00	105.00
140.0	Ericsson AIR 21, 1.3	3	9.525	10.478	0.71	0.80	10.31	0.000	0.000	108.02	0.00	0.00	249.00
140.0	Ericsson AIR 21, 1.3	3	9.525	10.478	0.70	0.80	10.23	0.000	0.000	107.20	0.00	0.00	244.50
140.0	Ericsson KRY 112 144	3	9.525	10.478	0.50	0.80	0.49	0.000	0.000	5.16	0.00	0.00	33.00
140.0	Round T-Arm	3	9.525	10.478	0.67	0.75	14.62	0.000	0.000	153.21	0.00	0.00	750.00
140.0	Ericsson RRUS 11 (Ba	3	9.525	10.478	0.50	0.80	3.08	0.000	0.000	32.31	0.00	0.00	150.00
140.0	Andrew LNX-6515DS-	3	9.525	10.478	0.70	0.80	19.20	0.000	0.000	201.20	0.00	0.00	153.90
150.0	4' Omni	1	9.878	10.866	1.00	0.75	0.75	0.000	9.000	8.15	0.00	73.34	10.00
150.0	Decibel DB408	2	9.801	10.781	1.00	0.75	4.35	0.000	4.700	46.90	0.00	220.42	34.00
150.0	Diplexer / Coupler	3	9.770	10.747	0.50	0.75	0.79	0.000	3.000	8.46	0.00	25.39	15.00
150.0	Ericsson RRUS 11 (Ba	6	9.770	10.747	0.50	0.75	5.67	0.000	3.000	60.94	0.00	182.81	330.00
150.0	GPS	1	9.715	10.686	1.00	0.75	0.75	0.000	0.000	8.01	0.00	0.00	10.00
150.0	KMW AM-X-CD-16-65-	3	9.770	10.747	0.67	0.75	12.09	0.000	3.000	129.93	0.00	389.80	145.50
150.0	KMW AWS Twin Dual	6	9.770	10.747	0.50	0.75	2.23	0.000	3.000	23.94	0.00	71.82	104.40
150.0	Round Platform w/ Ha	1	9.715	10.686	1.00	1.00	27.20	0.000	0.000	290.67	0.00	0.00	2,000.00
150.0	Powerwave 7770	3	9.770	10.747	0.65	0.75	8.06	0.000	3.000	86.60	0.00	259.81	105.00
150.0	Raycap DC6-48-60-18-	1	9.770	10.747	1.00	0.75	0.96	0.000	3.000	10.32	0.00	30.95	31.80
150.0	Round Side Arm	3	9.715	10.686	0.67	1.00	10.45	0.000	0.000	111.69	0.00	0.00	450.00
										2,489.99			7,413.10

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 94
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

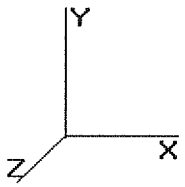
Gust Response Factor : 1.10
Dead Load Factor : 1.00
Wind Load Factor : 1.00

Wind Importance 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	F X (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.257	0.000	0.00	1.00
1.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.257	0.000	4.00	9.84
1.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.257	0.000	0.00	0.30
1.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.257	0.000	0.00	7.30
1.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.257	0.000	0.00	0.27
1.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.257	0.000	2.70	0.00
1.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.257	0.000	0.00	0.08
2.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.258	0.000	0.00	1.00
2.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.258	0.000	4.00	9.84
2.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.258	0.000	0.00	0.30
2.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.258	0.000	0.00	7.30
2.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.258	0.000	0.00	0.27
2.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.258	0.000	2.70	0.00
2.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.258	0.000	0.00	0.08
3.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.260	0.000	0.00	1.00
3.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.260	0.000	4.00	9.84
3.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.260	0.000	0.00	0.30
3.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.260	0.000	0.00	7.30
3.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.260	0.000	0.00	0.27
3.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.260	0.000	2.70	0.00
3.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.260	0.000	0.00	0.08
4.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.261	0.000	0.00	1.00
4.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.261	0.000	4.00	9.84
4.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.261	0.000	0.00	0.30
4.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.261	0.000	0.00	7.30
4.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.261	0.000	0.00	0.27
4.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.261	0.000	2.70	0.00
4.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.261	0.000	0.00	0.08
5.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.262	0.000	0.00	1.00
5.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.262	0.000	4.00	9.84
5.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.262	0.000	0.00	0.30
5.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.262	0.000	0.00	7.30
5.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.262	0.000	0.00	0.27
5.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.262	0.000	2.70	0.00
5.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.262	0.000	0.00	0.08
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.263	0.000	0.00	1.00
6.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.263	0.000	4.00	9.84
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.263	0.000	0.00	0.30
6.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.263	0.000	0.00	7.30
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.263	0.000	0.00	0.27
6.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.263	0.000	2.70	0.00
6.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.263	0.000	0.00	0.08
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.264	0.000	0.00	1.00
7.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.264	0.000	4.00	9.84
7.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.264	0.000	0.00	0.30
7.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.264	0.000	0.00	7.30
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.264	0.000	0.00	0.27
7.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.264	0.000	2.70	0.00
7.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.264	0.000	0.00	0.08
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	1.00
8.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.265	0.000	4.00	9.84

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:56 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 95
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				

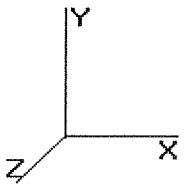


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

8.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	0.30
8.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	7.30
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	0.27
8.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.265	0.000	2.70	0.00
8.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.265	0.000	0.00	0.08
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.266	0.000	0.00	1.00
9.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.266	0.000	4.00	9.84
9.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.266	0.000	0.00	0.30
9.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.266	0.000	0.00	7.30
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.266	0.000	0.00	0.27
9.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.266	0.000	2.70	0.00
9.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.266	0.000	0.00	0.08
10.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.268	0.000	0.00	1.00
10.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.268	0.000	4.00	9.84
10.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.268	0.000	0.00	0.30
10.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.268	0.000	0.00	7.30
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.268	0.000	0.00	0.27
10.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.268	0.000	2.70	0.00
10.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.268	0.000	0.00	0.08
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.269	0.000	0.00	1.00
11.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.269	0.000	4.00	9.84
11.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.269	0.000	0.00	0.30
11.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.269	0.000	0.00	7.30
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.269	0.000	0.00	0.27
11.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.269	0.000	2.70	0.00
11.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.269	0.000	0.00	0.08
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.270	0.000	0.00	1.00
12.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.270	0.000	4.00	9.84
12.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.270	0.000	0.00	0.30
12.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.270	0.000	0.00	7.30
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.270	0.000	0.00	0.27
12.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.270	0.000	2.70	0.00
12.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.270	0.000	0.00	0.08
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.271	0.000	0.00	1.00
13.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.271	0.000	4.00	9.84
13.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.271	0.000	0.00	0.30
13.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.271	0.000	0.00	7.30
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.271	0.000	0.00	0.27
13.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.271	0.000	2.70	0.00
13.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.271	0.000	0.00	0.08
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	1.00
14.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.272	0.000	4.00	9.84
14.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	0.30
14.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	7.30
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	0.27
14.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.272	0.000	2.70	0.00
14.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.272	0.000	0.00	0.08
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.273	0.000	0.00	1.00
15.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.273	0.000	4.00	9.84
15.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.273	0.000	0.00	0.30
15.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.273	0.000	0.00	7.30
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.273	0.000	0.00	0.27
15.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.273	0.000	2.70	0.00
15.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.273	0.000	0.00	0.08
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.275	0.000	0.00	1.00
16.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.275	0.000	4.00	9.84
16.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.275	0.000	0.00	0.30

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:56 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 96	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

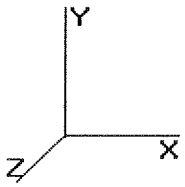
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

16.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.275	0.000	0.00	7.30
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.275	0.000	0.00	0.27
16.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.275	0.000	2.70	0.00
16.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.275	0.000	0.00	0.08
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.276	0.000	0.00	1.00
17.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.276	0.000	4.00	9.84
17.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.276	0.000	0.00	0.30
17.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.276	0.000	0.00	7.30
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.276	0.000	0.00	0.27
17.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.276	0.000	2.70	0.00
17.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.276	0.000	0.00	0.08
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	1.00
18.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.277	0.000	4.00	9.84
18.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	0.30
18.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	7.30
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	0.27
18.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.277	0.000	2.70	0.00
18.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.277	0.000	0.00	0.08
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.278	0.000	0.00	1.00
19.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.278	0.000	4.00	9.84
19.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.278	0.000	0.00	0.30
19.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.278	0.000	0.00	7.30
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.278	0.000	0.00	0.27
19.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.278	0.000	2.70	0.00
19.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.278	0.000	0.00	0.08
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.280	0.000	0.00	1.00
20.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.280	0.000	4.00	9.84
20.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.280	0.000	0.00	0.30
20.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.280	0.000	0.00	7.30
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.280	0.000	0.00	0.27
20.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.280	0.000	2.70	0.00
20.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.280	0.000	0.00	0.08
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.281	0.000	0.00	1.00
21.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.281	0.000	4.00	9.84
21.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.281	0.000	0.00	0.30
21.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.281	0.000	0.00	7.30
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.281	0.000	0.00	0.27
21.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.281	0.000	2.70	0.00
21.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.281	0.000	0.00	0.08
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.282	0.000	0.00	1.00
22.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.282	0.000	4.00	9.84
22.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.282	0.000	0.00	0.30
22.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.282	0.000	0.00	7.30
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.282	0.000	0.00	0.27
22.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.282	0.000	2.70	0.00
22.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.282	0.000	0.00	0.08
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.284	0.000	0.00	1.00
23.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.284	0.000	4.00	9.84
23.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.284	0.000	0.00	0.30
23.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.284	0.000	0.00	7.30
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.284	0.000	0.00	0.27
23.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.284	0.000	2.70	0.00
23.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.284	0.000	0.00	0.08
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.285	0.000	0.00	1.00
24.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.285	0.000	4.00	9.84
24.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.285	0.000	0.00	0.30
24.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.285	0.000	0.00	7.30

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:56 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 97	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

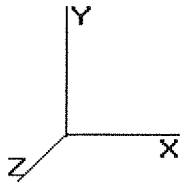
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.285	0.000	0.00	0.27
24.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.285	0.000	2.70	0.00
24.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.285	0.000	0.00	0.08
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.286	0.000	0.00	1.00
25.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.286	0.000	4.00	9.84
25.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.286	0.000	0.00	0.30
25.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.286	0.000	0.00	7.30
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.286	0.000	0.00	0.27
25.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.286	0.000	2.70	0.00
25.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.286	0.000	0.00	0.08
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.288	0.000	0.00	1.00
26.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.288	0.000	4.00	9.84
26.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.288	0.000	0.00	0.30
26.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.288	0.000	0.00	7.30
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.288	0.000	0.00	0.27
26.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.288	0.000	2.70	0.00
26.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.288	0.000	0.00	0.08
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.289	0.000	0.00	1.00
27.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.289	0.000	4.00	9.84
27.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.289	0.000	0.00	0.30
27.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.289	0.000	0.00	7.30
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.289	0.000	0.00	0.27
27.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.289	0.000	2.70	0.00
27.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.289	0.000	0.00	0.08
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.290	0.000	0.00	1.00
28.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.290	0.000	4.00	9.84
28.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.290	0.000	0.00	0.30
28.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.290	0.000	0.00	7.30
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.290	0.000	0.00	0.27
28.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.290	0.000	2.70	0.00
28.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.290	0.000	0.00	0.08
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.292	0.000	0.00	1.00
29.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.129	0.292	0.000	4.00	9.84
29.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.292	0.000	0.00	0.30
29.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.292	0.000	0.00	7.30
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.292	0.000	0.00	0.27
29.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.129	0.292	0.000	2.70	0.00
29.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.292	0.000	0.00	0.08
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.134	0.293	0.000	0.00	1.00
30.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.134	0.293	0.000	4.01	9.84
30.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.134	0.293	0.000	0.00	0.30
30.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.134	0.293	0.000	0.00	7.30
30.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.134	0.293	0.000	0.00	0.27
30.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.134	0.293	0.000	2.70	0.00
30.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.134	0.293	0.000	0.00	0.08
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.192	0.295	0.000	0.00	1.00
31.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.192	0.295	0.000	4.05	9.84
31.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.192	0.295	0.000	0.00	0.30
31.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.192	0.295	0.000	0.00	7.30
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.192	0.295	0.000	0.00	0.27
31.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.192	0.295	0.000	2.72	0.00
31.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.192	0.295	0.000	0.00	0.08
31.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	6.220	0.296	0.000	0.00	0.50
31.50	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.25	0.30	6.220	0.296	0.000	2.05	4.95
31.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.220	0.296	0.000	0.00	0.15
31.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	6.220	0.296	0.000	0.00	3.67
31.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.220	0.296	0.000	0.00	0.14

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:56 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 98	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

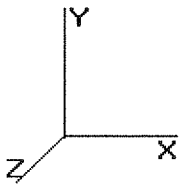
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

31.50	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	6.220	0.296	0.000	1.38	0.00
31.50	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	6.220	0.296	0.000	0.00	0.04
32.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	6.248	0.296	0.000	0.00	0.50
32.00	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.25	0.30	6.248	0.296	0.000	2.03	4.89
32.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.248	0.296	0.000	0.00	0.15
32.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	6.248	0.296	0.000	0.00	3.63
32.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.248	0.296	0.000	0.00	0.13
32.00	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	6.248	0.296	0.000	1.37	0.00
32.00	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	6.248	0.296	0.000	0.00	0.04
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.303	0.297	0.000	0.00	1.00
33.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.303	0.297	0.000	4.12	9.84
33.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.303	0.297	0.000	0.00	0.30
33.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.303	0.297	0.000	0.00	7.30
33.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.303	0.297	0.000	0.00	0.27
33.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.303	0.297	0.000	2.77	0.00
33.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.303	0.297	0.000	0.00	0.08
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.357	0.299	0.000	0.00	1.00
34.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.357	0.299	0.000	4.15	9.84
34.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.357	0.299	0.000	0.00	0.30
34.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.357	0.299	0.000	0.00	7.30
34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.357	0.299	0.000	0.00	0.27
34.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.357	0.299	0.000	2.80	0.00
34.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.357	0.299	0.000	0.00	0.08
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.300	0.000	0.00	1.00
35.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.410	0.300	0.000	4.19	9.84
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.300	0.000	0.00	0.30
35.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.300	0.000	0.00	7.30
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.300	0.000	0.00	0.27
35.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.410	0.300	0.000	2.82	0.00
35.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.300	0.000	0.00	0.08
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	6.445	0.302	0.000	0.00	0.67
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	5.94	0.33	0.40	6.445	0.302	0.000	2.82	6.59
35.67	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.445	0.302	0.000	0.00	0.20
35.67	(2) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	6.445	0.302	0.000	0.00	4.89
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.445	0.302	0.000	0.00	0.18
35.67	(4) #18 Dywidag bars	Yes	0.67	1.200	4.00	0.22	0.27	6.445	0.302	0.000	1.90	0.00
35.67	(1) 0.28" RG6	Yes	0.67	0.000	0.00	0.00	0.00	6.445	0.302	0.000	0.00	0.05
36.00	(1) 1 1/4" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	6.462	0.296	0.000	0.00	0.33
36.00	(12) 1 5/8" Coax	Yes	0.33	1.200	5.94	0.16	0.20	6.462	0.296	0.000	1.39	3.25
36.00	(2) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.462	0.296	0.000	0.00	0.10
36.00	(2) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	6.462	0.296	0.000	0.00	2.41
36.00	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.462	0.296	0.000	0.00	0.09
36.00	(4) #18 Dywidag bars	Yes	0.33	1.200	4.00	0.11	0.13	6.462	0.296	0.000	0.94	0.00
36.00	(1) 0.28" RG6	Yes	0.33	0.000	0.00	0.00	0.00	6.462	0.296	0.000	0.00	0.03
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.513	0.297	0.000	0.00	1.00
37.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.513	0.297	0.000	4.26	9.84
37.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.513	0.297	0.000	0.00	0.30
37.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.513	0.297	0.000	0.00	7.30
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.513	0.297	0.000	0.00	0.27
37.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.513	0.297	0.000	2.87	0.00
37.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.513	0.297	0.000	0.00	0.08
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.562	0.299	0.000	0.00	1.00
38.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.562	0.299	0.000	4.29	9.84
38.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.562	0.299	0.000	0.00	0.30
38.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.562	0.299	0.000	0.00	7.30
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.562	0.299	0.000	0.00	0.27
38.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.562	0.299	0.000	2.89	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 99
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

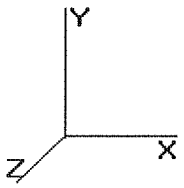
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

38.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.562	0.299	0.000	0.00	0.08
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.611	0.300	0.000	0.00	1.00
39.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.611	0.300	0.000	4.32	9.84
39.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.611	0.300	0.000	0.00	0.30
39.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.611	0.300	0.000	0.00	7.30
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.611	0.300	0.000	0.00	0.27
39.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.611	0.300	0.000	2.91	0.00
39.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.611	0.300	0.000	0.00	0.08
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.659	0.302	0.000	0.00	1.00
40.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.659	0.302	0.000	4.35	9.84
40.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.659	0.302	0.000	0.00	0.30
40.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.659	0.302	0.000	0.00	7.30
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.659	0.302	0.000	0.00	0.27
40.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.659	0.302	0.000	2.93	0.00
40.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.659	0.302	0.000	0.00	0.08
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.706	0.303	0.000	0.00	1.00
41.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.706	0.303	0.000	4.38	9.84
41.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.706	0.303	0.000	0.00	0.30
41.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.706	0.303	0.000	0.00	7.30
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.706	0.303	0.000	0.00	0.27
41.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.706	0.303	0.000	2.95	0.00
41.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.706	0.303	0.000	0.00	0.08
42.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.753	0.305	0.000	0.00	1.00
42.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.753	0.305	0.000	4.41	9.84
42.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.753	0.305	0.000	0.00	0.30
42.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.753	0.305	0.000	0.00	7.30
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.753	0.305	0.000	0.00	0.27
42.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.753	0.305	0.000	2.97	0.00
42.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.753	0.305	0.000	0.00	0.08
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.798	0.306	0.000	0.00	1.00
43.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.798	0.306	0.000	4.44	9.84
43.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.798	0.306	0.000	0.00	0.30
43.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.798	0.306	0.000	0.00	7.30
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.798	0.306	0.000	0.00	0.27
43.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.798	0.306	0.000	2.99	0.00
43.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.798	0.306	0.000	0.00	0.08
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.843	0.308	0.000	0.00	1.00
44.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.843	0.308	0.000	4.47	9.84
44.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.843	0.308	0.000	0.00	0.30
44.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.843	0.308	0.000	0.00	7.30
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.843	0.308	0.000	0.00	0.27
44.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.843	0.308	0.000	3.01	0.00
44.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.843	0.308	0.000	0.00	0.08
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.887	0.309	0.000	0.00	1.00
45.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.887	0.309	0.000	4.50	9.84
45.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.887	0.309	0.000	0.00	0.30
45.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.887	0.309	0.000	0.00	7.30
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.887	0.309	0.000	0.00	0.27
45.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.887	0.309	0.000	3.03	0.00
45.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.887	0.309	0.000	0.00	0.08
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.931	0.311	0.000	0.00	1.00
46.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.931	0.311	0.000	4.53	9.84
46.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.931	0.311	0.000	0.00	0.30
46.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.931	0.311	0.000	0.00	7.30
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.931	0.311	0.000	0.00	0.27
46.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.931	0.311	0.000	3.05	0.00
46.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.931	0.311	0.000	0.00	0.08

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 100
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

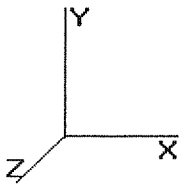
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

47.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.973	0.313	0.000	0.00	1.00
47.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	6.973	0.313	0.000	4.56	9.84
47.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.973	0.313	0.000	0.00	0.30
47.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.973	0.313	0.000	0.00	7.30
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.973	0.313	0.000	0.00	0.27
47.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	6.973	0.313	0.000	3.07	0.00
47.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	6.973	0.313	0.000	0.00	0.08
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.015	0.314	0.000	0.00	1.00
48.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.015	0.314	0.000	4.58	9.84
48.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.015	0.314	0.000	0.00	0.30
48.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.015	0.314	0.000	0.00	7.30
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.015	0.314	0.000	0.00	0.27
48.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.015	0.314	0.000	3.09	0.00
48.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.015	0.314	0.000	0.00	0.08
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.057	0.316	0.000	0.00	1.00
49.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.057	0.316	0.000	4.61	9.84
49.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.057	0.316	0.000	0.00	0.30
49.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.057	0.316	0.000	0.00	7.30
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.057	0.316	0.000	0.00	0.27
49.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.057	0.316	0.000	3.11	0.00
49.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.057	0.316	0.000	0.00	0.08
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.098	0.317	0.000	0.00	1.00
50.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.098	0.317	0.000	4.64	9.84
50.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.098	0.317	0.000	0.00	0.30
50.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.098	0.317	0.000	0.00	7.30
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.098	0.317	0.000	0.00	0.27
50.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.098	0.317	0.000	3.12	0.00
50.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.098	0.317	0.000	0.00	0.08
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.138	0.319	0.000	0.00	1.00
51.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.138	0.319	0.000	4.66	9.84
51.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.138	0.319	0.000	0.00	0.30
51.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.138	0.319	0.000	0.00	7.30
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.138	0.319	0.000	0.00	0.27
51.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.138	0.319	0.000	3.14	0.00
51.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.138	0.319	0.000	0.00	0.08
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.178	0.321	0.000	0.00	1.00
52.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.178	0.321	0.000	4.69	9.84
52.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.178	0.321	0.000	0.00	0.30
52.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.178	0.321	0.000	0.00	7.30
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.178	0.321	0.000	0.00	0.27
52.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.178	0.321	0.000	3.16	0.00
52.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.178	0.321	0.000	0.00	0.08
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.217	0.322	0.000	0.00	1.00
53.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.217	0.322	0.000	4.72	9.84
53.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.217	0.322	0.000	0.00	0.30
53.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.217	0.322	0.000	0.00	7.30
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.217	0.322	0.000	0.00	0.27
53.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.217	0.322	0.000	3.18	0.00
53.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.217	0.322	0.000	0.00	0.08
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.255	0.324	0.000	0.00	1.00
54.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.255	0.324	0.000	4.74	9.84
54.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.255	0.324	0.000	0.00	0.30
54.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.255	0.324	0.000	0.00	7.30
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.255	0.324	0.000	0.00	0.27
54.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.255	0.324	0.000	3.19	0.00
54.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.255	0.324	0.000	0.00	0.08
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.294	0.326	0.000	0.00	1.00

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 101
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

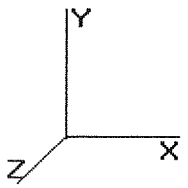
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

55.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.294	0.326	0.000	4.77	9.84
55.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.294	0.326	0.000	0.00	0.30
55.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.294	0.326	0.000	0.00	7.30
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.294	0.326	0.000	0.00	0.27
55.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.294	0.326	0.000	3.21	0.00
55.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.294	0.326	0.000	0.00	0.08
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.331	0.328	0.000	0.00	1.00
56.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.331	0.328	0.000	4.79	9.84
56.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.331	0.328	0.000	0.00	0.30
56.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.331	0.328	0.000	0.00	7.30
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.331	0.328	0.000	0.00	0.27
56.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.331	0.328	0.000	3.23	0.00
56.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.331	0.328	0.000	0.00	0.08
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.368	0.329	0.000	0.00	1.00
57.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.368	0.329	0.000	4.81	9.84
57.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.368	0.329	0.000	0.00	0.30
57.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.368	0.329	0.000	0.00	7.30
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.368	0.329	0.000	0.00	0.27
57.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.368	0.329	0.000	3.24	0.00
57.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.368	0.329	0.000	0.00	0.08
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.405	0.331	0.000	0.00	1.00
58.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.405	0.331	0.000	4.84	9.84
58.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.405	0.331	0.000	0.00	0.30
58.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.405	0.331	0.000	0.00	7.30
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.405	0.331	0.000	0.00	0.27
58.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.405	0.331	0.000	3.26	0.00
58.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.405	0.331	0.000	0.00	0.08
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.441	0.333	0.000	0.00	1.00
59.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.441	0.333	0.000	4.86	9.84
59.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.441	0.333	0.000	0.00	0.30
59.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.441	0.333	0.000	0.00	7.30
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.441	0.333	0.000	0.00	0.27
59.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.441	0.333	0.000	3.27	0.00
59.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.441	0.333	0.000	0.00	0.08
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.477	0.335	0.000	0.00	1.00
60.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.477	0.335	0.000	4.89	9.84
60.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.477	0.335	0.000	0.00	0.30
60.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.477	0.335	0.000	0.00	7.30
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.477	0.335	0.000	0.00	0.27
60.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.477	0.335	0.000	3.29	0.00
60.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.477	0.335	0.000	0.00	0.08
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.513	0.337	0.000	0.00	1.00
61.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.513	0.337	0.000	4.91	9.84
61.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.513	0.337	0.000	0.00	0.30
61.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.513	0.337	0.000	0.00	7.30
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.513	0.337	0.000	0.00	0.27
61.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.513	0.337	0.000	3.31	0.00
61.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.513	0.337	0.000	0.00	0.08
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.548	0.338	0.000	0.00	1.00
62.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.548	0.338	0.000	4.93	9.84
62.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.548	0.338	0.000	0.00	0.30
62.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.548	0.338	0.000	0.00	7.30
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.548	0.338	0.000	0.00	0.27
62.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.548	0.338	0.000	3.32	0.00
62.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.548	0.338	0.000	0.00	0.08
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.582	0.340	0.000	0.00	1.00
63.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.582	0.340	0.000	4.95	9.84

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II		
Height :	150.0 (ft)	Exposure Category : B		Page: 102
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

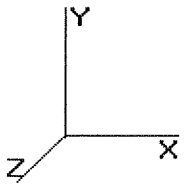
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

63.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.582	0.340	0.000	0.00	0.30
63.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.582	0.340	0.000	0.00	7.30
63.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.582	0.340	0.000	0.00	0.27
63.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.582	0.340	0.000	3.34	0.00
63.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.582	0.340	0.000	0.00	0.08
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.616	0.342	0.000	0.00	1.00
64.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.616	0.342	0.000	4.98	9.84
64.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.616	0.342	0.000	0.00	0.30
64.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.616	0.342	0.000	0.00	7.30
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.616	0.342	0.000	0.00	0.27
64.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.616	0.342	0.000	3.35	0.00
64.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.616	0.342	0.000	0.00	0.08
65.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.650	0.344	0.000	0.00	1.00
65.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.650	0.344	0.000	5.00	9.84
65.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.650	0.344	0.000	0.00	0.30
65.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.650	0.344	0.000	0.00	7.30
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.650	0.344	0.000	0.00	0.27
65.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.650	0.344	0.000	3.37	0.00
65.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.650	0.344	0.000	0.00	0.08
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.684	0.346	0.000	0.00	1.00
66.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.684	0.346	0.000	5.02	9.84
66.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.684	0.346	0.000	0.00	0.30
66.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.684	0.346	0.000	0.00	7.30
66.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.684	0.346	0.000	0.00	0.27
66.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.684	0.346	0.000	3.38	0.00
66.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.684	0.346	0.000	0.00	0.08
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.717	0.348	0.000	0.00	1.00
67.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.717	0.348	0.000	5.04	9.84
67.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.717	0.348	0.000	0.00	0.30
67.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.717	0.348	0.000	0.00	7.30
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.717	0.348	0.000	0.00	0.27
67.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.717	0.348	0.000	3.40	0.00
67.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.717	0.348	0.000	0.00	0.08
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.749	0.350	0.000	0.00	1.00
68.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.749	0.350	0.000	5.06	9.84
68.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.749	0.350	0.000	0.00	0.30
68.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.749	0.350	0.000	0.00	7.30
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.749	0.350	0.000	0.00	0.27
68.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.749	0.350	0.000	3.41	0.00
68.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.749	0.350	0.000	0.00	0.08
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.782	0.352	0.000	0.00	1.00
69.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.782	0.352	0.000	5.08	9.84
69.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.782	0.352	0.000	0.00	0.30
69.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.782	0.352	0.000	0.00	7.30
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.782	0.352	0.000	0.00	0.27
69.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.782	0.352	0.000	3.42	0.00
69.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	7.782	0.352	0.000	0.00	0.08
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.814	0.354	0.000	0.00	1.00
70.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.814	0.354	0.000	5.11	9.84
70.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.814	0.354	0.000	0.00	0.30
70.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.814	0.354	0.000	0.00	7.30
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.814	0.354	0.000	0.00	0.27
70.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.814	0.354	0.000	3.44	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	7.814	0.355	0.000	0.00	0.00
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	5.94	0.00	0.00	7.814	0.355	0.000	0.02	0.03
70.00	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.814	0.355	0.000	0.00	0.00
70.00	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	7.814	0.355	0.000	0.00	0.02

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:57 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 103	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

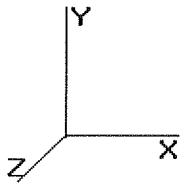
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	7.814	0.355	0.000	0.00	0.00
70.00	(4) #18 Dywidag bars	Yes	0.00	1.200	4.00	0.00	0.00	7.814	0.355	0.000	0.01	0.00
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.846	0.356	0.000	0.00	1.00
71.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.49	0.59	7.846	0.356	0.000	5.11	9.81
71.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.846	0.356	0.000	0.00	0.30
71.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.846	0.356	0.000	0.00	7.28
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.846	0.356	0.000	0.00	0.27
71.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.846	0.356	0.000	3.44	0.00
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.877	0.358	0.000	0.00	1.00
72.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.877	0.358	0.000	5.15	9.84
72.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.877	0.358	0.000	0.00	0.30
72.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.877	0.358	0.000	0.00	7.30
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.877	0.358	0.000	0.00	0.27
72.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.877	0.358	0.000	3.47	0.00
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.908	0.360	0.000	0.00	1.00
73.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.908	0.360	0.000	5.17	9.84
73.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.908	0.360	0.000	0.00	0.30
73.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.908	0.360	0.000	0.00	7.30
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.908	0.360	0.000	0.00	0.27
73.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.908	0.360	0.000	3.48	0.00
73.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	7.924	0.362	0.000	0.00	0.50
73.50	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.25	0.30	7.924	0.362	0.000	2.61	4.95
73.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.924	0.362	0.000	0.00	0.15
73.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	7.924	0.362	0.000	0.00	3.67
73.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.924	0.362	0.000	0.00	0.14
73.50	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	7.924	0.362	0.000	1.75	0.00
74.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	7.939	0.356	0.000	0.00	0.50
74.00	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.25	0.30	7.939	0.356	0.000	2.58	4.89
74.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.939	0.356	0.000	0.00	0.15
74.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	7.939	0.356	0.000	0.00	3.63
74.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.939	0.356	0.000	0.00	0.13
74.00	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	7.939	0.356	0.000	1.73	0.00
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.969	0.358	0.000	0.00	1.00
75.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	7.969	0.358	0.000	5.21	9.84
75.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.969	0.358	0.000	0.00	0.30
75.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.969	0.358	0.000	0.00	7.30
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.969	0.358	0.000	0.00	0.27
75.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	7.969	0.358	0.000	3.51	0.00
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.000	0.360	0.000	0.00	1.00
76.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.000	0.360	0.000	5.23	9.84
76.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.000	0.360	0.000	0.00	0.30
76.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.000	0.360	0.000	0.00	7.30
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.000	0.360	0.000	0.00	0.27
76.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.000	0.360	0.000	3.52	0.00
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.030	0.362	0.000	0.00	1.00
77.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.030	0.362	0.000	5.25	9.84
77.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.030	0.362	0.000	0.00	0.30
77.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.030	0.362	0.000	0.00	7.30
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.030	0.362	0.000	0.00	0.27
77.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.030	0.362	0.000	3.53	0.00
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.059	0.364	0.000	0.00	1.00
78.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.059	0.364	0.000	5.27	9.84
78.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.059	0.364	0.000	0.00	0.30
78.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.059	0.364	0.000	0.00	7.30
78.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.059	0.364	0.000	0.00	0.27
78.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.059	0.364	0.000	3.55	0.00
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.089	0.366	0.000	0.00	1.00

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 104
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

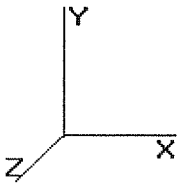
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

79.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.089	0.366	0.000	5.29	9.84
79.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.089	0.366	0.000	0.00	0.30
79.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.089	0.366	0.000	0.00	7.30
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.089	0.366	0.000	0.00	0.27
79.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.089	0.366	0.000	3.56	0.00
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.118	0.369	0.000	0.00	1.00
80.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.118	0.369	0.000	5.30	9.84
80.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.118	0.369	0.000	0.00	0.30
80.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.118	0.369	0.000	0.00	7.30
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.118	0.369	0.000	0.00	0.27
80.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.118	0.369	0.000	3.57	0.00
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.147	0.371	0.000	0.00	1.00
81.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.147	0.371	0.000	5.32	9.84
81.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.147	0.371	0.000	0.00	0.30
81.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.147	0.371	0.000	0.00	7.30
81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.147	0.371	0.000	0.00	0.27
81.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.147	0.371	0.000	3.58	0.00
82.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.175	0.373	0.000	0.00	1.00
82.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.175	0.373	0.000	5.34	9.84
82.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.175	0.373	0.000	0.00	0.30
82.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.175	0.373	0.000	0.00	7.30
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.175	0.373	0.000	0.00	0.27
82.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.175	0.373	0.000	3.60	0.00
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.204	0.375	0.000	0.00	1.00
83.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.204	0.375	0.000	5.36	9.84
83.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.204	0.375	0.000	0.00	0.30
83.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.204	0.375	0.000	0.00	7.30
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.204	0.375	0.000	0.00	0.27
83.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.204	0.375	0.000	3.61	0.00
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.232	0.378	0.000	0.00	1.00
84.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.232	0.378	0.000	5.38	9.84
84.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.232	0.378	0.000	0.00	0.30
84.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.232	0.378	0.000	0.00	7.30
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.232	0.378	0.000	0.00	0.27
84.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.232	0.378	0.000	3.62	0.00
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.260	0.380	0.000	0.00	1.00
85.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.260	0.380	0.000	5.40	9.84
85.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.260	0.380	0.000	0.00	0.30
85.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.260	0.380	0.000	0.00	7.30
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.260	0.380	0.000	0.00	0.27
85.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.260	0.380	0.000	3.63	0.00
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.287	0.382	0.000	0.00	1.00
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.287	0.382	0.000	5.41	9.84
86.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.287	0.382	0.000	0.00	0.30
86.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.287	0.382	0.000	0.00	7.30
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.287	0.382	0.000	0.00	0.27
86.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.287	0.382	0.000	3.65	0.00
87.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.315	0.385	0.000	0.00	1.00
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.315	0.385	0.000	5.43	9.84
87.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.315	0.385	0.000	0.00	0.30
87.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.315	0.385	0.000	0.00	7.30
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.315	0.385	0.000	0.00	0.27
87.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.315	0.385	0.000	3.66	0.00
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.387	0.000	0.00	1.00
88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.342	0.387	0.000	5.45	9.84
88.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.387	0.000	0.00	0.30
88.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.387	0.000	0.00	7.30

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 105
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

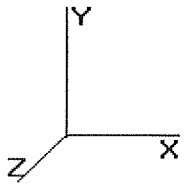
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.387	0.000	0.00	0.27
88.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.342	0.387	0.000	3.67	0.00
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.369	0.390	0.000	0.00	1.00
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.369	0.390	0.000	5.47	9.84
89.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.369	0.390	0.000	0.00	0.30
89.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.369	0.390	0.000	0.00	7.30
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.369	0.390	0.000	0.00	0.27
89.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.369	0.390	0.000	3.68	0.00
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.396	0.392	0.000	0.00	1.00
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.396	0.392	0.000	5.49	9.84
90.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.396	0.392	0.000	0.00	0.30
90.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.396	0.392	0.000	0.00	7.30
90.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.396	0.392	0.000	0.00	0.27
90.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.396	0.392	0.000	3.69	0.00
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.422	0.395	0.000	0.00	1.00
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.422	0.395	0.000	5.50	9.84
91.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.422	0.395	0.000	0.00	0.30
91.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.422	0.395	0.000	0.00	7.30
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.422	0.395	0.000	0.00	0.27
91.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.422	0.395	0.000	3.71	0.00
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.448	0.397	0.000	0.00	1.00
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.448	0.397	0.000	5.52	9.84
92.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.448	0.397	0.000	0.00	0.30
92.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.448	0.397	0.000	0.00	7.30
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.448	0.397	0.000	0.00	0.27
92.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.448	0.397	0.000	3.72	0.00
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.400	0.000	0.00	1.00
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.475	0.400	0.000	5.54	9.84
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.400	0.000	0.00	0.30
93.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.400	0.000	0.00	7.30
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.400	0.000	0.00	0.27
93.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.475	0.400	0.000	3.73	0.00
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.402	0.000	0.00	1.00
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.501	0.402	0.000	5.55	9.84
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.402	0.000	0.00	0.30
94.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.402	0.000	0.00	7.30
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.402	0.000	0.00	0.27
94.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.501	0.402	0.000	3.74	0.00
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.526	0.405	0.000	0.00	1.00
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.526	0.405	0.000	5.57	9.84
95.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.526	0.405	0.000	0.00	0.30
95.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.526	0.405	0.000	0.00	7.30
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.526	0.405	0.000	0.00	0.27
95.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.526	0.405	0.000	3.75	0.00
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.408	0.000	0.00	1.00
96.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.552	0.408	0.000	5.59	9.84
96.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.408	0.000	0.00	0.30
96.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.408	0.000	0.00	7.30
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.408	0.000	0.00	0.27
96.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.552	0.408	0.000	3.76	0.00
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.577	0.411	0.000	0.00	1.00
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.577	0.411	0.000	5.60	9.84
97.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.577	0.411	0.000	0.00	0.30
97.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.577	0.411	0.000	0.00	7.30
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.577	0.411	0.000	0.00	0.27
97.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.577	0.411	0.000	3.77	0.00
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.602	0.413	0.000	0.00	1.00

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:57 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 106	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

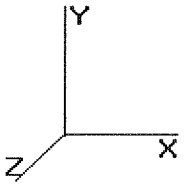
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.602	0.413	0.000	5.62	9.84
98.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.602	0.413	0.000	0.00	0.30
98.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.602	0.413	0.000	0.00	7.30
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.602	0.413	0.000	0.00	0.27
98.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.602	0.413	0.000	3.79	0.00
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.627	0.416	0.000	0.00	1.00
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.627	0.416	0.000	5.64	9.84
99.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.627	0.416	0.000	0.00	0.30
99.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.627	0.416	0.000	0.00	7.30
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.627	0.416	0.000	0.00	0.27
99.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.627	0.416	0.000	3.80	0.00
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.419	0.000	0.00	1.00
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.652	0.419	0.000	5.65	9.84
100.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.419	0.000	0.00	0.30
100.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.419	0.000	0.00	7.30
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.419	0.000	0.00	0.27
100.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.652	0.419	0.000	3.81	0.00
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.677	0.422	0.000	0.00	1.00
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.677	0.422	0.000	5.67	9.84
101.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.677	0.422	0.000	0.00	0.30
101.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.677	0.422	0.000	0.00	7.30
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.677	0.422	0.000	0.00	0.27
101.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.677	0.422	0.000	3.82	0.00
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.425	0.000	0.00	1.00
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.701	0.425	0.000	5.69	9.84
102.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.425	0.000	0.00	0.30
102.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.425	0.000	0.00	7.30
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.425	0.000	0.00	0.27
102.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.701	0.425	0.000	3.83	0.00
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.726	0.428	0.000	0.00	1.00
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.726	0.428	0.000	5.70	9.84
103.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.726	0.428	0.000	0.00	0.30
103.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.726	0.428	0.000	0.00	7.30
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.726	0.428	0.000	0.00	0.27
103.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.726	0.428	0.000	3.84	0.00
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.750	0.431	0.000	0.00	1.00
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.750	0.431	0.000	5.72	9.84
104.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.750	0.431	0.000	0.00	0.30
104.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.750	0.431	0.000	0.00	7.30
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.750	0.431	0.000	0.00	0.27
104.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.750	0.431	0.000	3.85	0.00
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.434	0.000	0.00	1.00
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.774	0.434	0.000	5.73	9.84
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.434	0.000	0.00	0.30
105.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.434	0.000	0.00	7.30
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.434	0.000	0.00	0.27
105.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.774	0.434	0.000	3.86	0.00
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.437	0.000	0.00	1.00
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.797	0.437	0.000	5.75	9.84
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.437	0.000	0.00	0.30
106.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.437	0.000	0.00	7.30
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.437	0.000	0.00	0.27
106.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.797	0.437	0.000	3.87	0.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.821	0.440	0.000	0.00	1.00
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.821	0.440	0.000	5.76	9.84
107.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.821	0.440	0.000	0.00	0.30
107.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.821	0.440	0.000	0.00	7.30

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:57 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 107
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

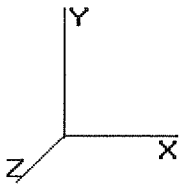
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.821	0.440	0.000	0.00	0.27
107.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.821	0.440	0.000	3.88	0.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.845	0.443	0.000	0.00	1.00
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.845	0.443	0.000	5.78	9.84
108.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.845	0.443	0.000	0.00	0.30
108.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.845	0.443	0.000	0.00	7.30
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.845	0.443	0.000	0.00	0.27
108.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.845	0.443	0.000	3.89	0.00
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.868	0.446	0.000	0.00	1.00
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.868	0.446	0.000	5.79	9.84
109.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.868	0.446	0.000	0.00	0.30
109.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.868	0.446	0.000	0.00	7.30
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.868	0.446	0.000	0.00	0.27
109.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.868	0.446	0.000	3.90	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.891	0.450	0.000	0.00	1.00
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.891	0.450	0.000	5.81	9.84
110.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.891	0.450	0.000	0.00	0.30
110.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.891	0.450	0.000	0.00	7.30
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.891	0.450	0.000	0.00	0.27
110.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.891	0.450	0.000	3.91	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	8.891	0.451	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	5.94	0.00	0.00	8.891	0.451	0.000	0.02	0.03
110.0	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	8.891	0.451	0.000	0.00	0.00
110.0	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	8.891	0.451	0.000	0.00	0.02
110.0	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	8.891	0.451	0.000	0.00	0.00
110.0	(4) #18 Dywidag bars	Yes	0.00	1.200	4.00	0.00	0.00	8.891	0.451	0.000	0.01	0.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.914	0.453	0.000	0.00	1.00
111.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.49	0.59	8.914	0.453	0.000	5.81	9.81
111.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.914	0.453	0.000	0.00	0.30
111.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.914	0.453	0.000	0.00	7.28
111.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.914	0.453	0.000	0.00	0.27
111.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.914	0.453	0.000	3.91	0.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.937	0.456	0.000	0.00	1.00
112.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.937	0.456	0.000	5.84	9.84
112.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.937	0.456	0.000	0.00	0.30
112.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.937	0.456	0.000	0.00	7.30
112.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.937	0.456	0.000	0.00	0.27
112.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.937	0.456	0.000	3.93	0.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.960	0.460	0.000	0.00	1.00
113.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.960	0.460	0.000	5.85	9.84
113.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.960	0.460	0.000	0.00	0.30
113.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.960	0.460	0.000	0.00	7.30
113.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.960	0.460	0.000	0.00	0.27
113.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.960	0.460	0.000	3.94	0.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.982	0.463	0.000	0.00	1.00
114.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	8.982	0.463	0.000	5.87	9.84
114.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.982	0.463	0.000	0.00	0.30
114.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.982	0.463	0.000	0.00	7.30
114.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.982	0.463	0.000	0.00	0.27
114.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	8.982	0.463	0.000	3.95	0.00
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.005	0.467	0.000	0.00	1.00
115.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.005	0.467	0.000	5.88	9.84
115.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.005	0.467	0.000	0.00	0.30
115.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.005	0.467	0.000	0.00	7.30
115.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.005	0.467	0.000	0.00	0.27
115.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.005	0.467	0.000	3.96	0.00
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.027	0.470	0.000	0.00	1.00

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:57 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 108	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

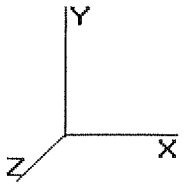
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

116.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.027	0.470	0.000	5.90	9.84
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.027	0.470	0.000	0.00	0.30
116.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.027	0.470	0.000	0.00	7.30
116.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.027	0.470	0.000	0.00	0.27
116.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.027	0.470	0.000	3.97	0.00
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.049	0.474	0.000	0.00	1.00
117.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.049	0.474	0.000	5.91	9.84
117.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.049	0.474	0.000	0.00	0.30
117.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.049	0.474	0.000	0.00	7.30
117.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.049	0.474	0.000	0.00	0.27
117.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.049	0.474	0.000	3.98	0.00
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.071	0.478	0.000	0.00	1.00
118.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.071	0.478	0.000	5.93	9.84
118.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.071	0.478	0.000	0.00	0.30
118.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.071	0.478	0.000	0.00	7.30
118.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.071	0.478	0.000	0.00	0.27
118.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.071	0.478	0.000	3.99	0.00
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.093	0.482	0.000	0.00	1.00
119.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.093	0.482	0.000	5.94	9.84
119.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.093	0.482	0.000	0.00	0.30
119.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.093	0.482	0.000	0.00	7.30
119.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.093	0.482	0.000	0.00	0.27
119.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.093	0.482	0.000	4.00	0.00
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.115	0.485	0.000	0.00	1.00
120.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.115	0.485	0.000	5.96	9.84
120.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.115	0.485	0.000	0.00	0.30
120.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.115	0.485	0.000	0.00	7.30
120.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.115	0.485	0.000	0.00	0.27
120.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.115	0.485	0.000	4.01	0.00
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.489	0.000	0.00	1.00
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.136	0.489	0.000	5.97	9.84
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.489	0.000	0.00	0.30
121.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.489	0.000	0.00	7.30
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.489	0.000	0.00	0.27
121.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.136	0.489	0.000	4.02	0.00
122.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.493	0.000	0.00	1.00
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.158	0.493	0.000	5.98	9.84
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.493	0.000	0.00	0.30
122.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.493	0.000	0.00	7.30
122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.493	0.000	0.00	0.27
122.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.158	0.493	0.000	4.03	0.00
123.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.179	0.497	0.000	0.00	1.00
123.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.179	0.497	0.000	6.00	9.84
123.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.179	0.497	0.000	0.00	0.30
123.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.179	0.497	0.000	0.00	7.30
123.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.179	0.497	0.000	0.00	0.27
123.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	9.179	0.497	0.000	4.04	0.00
124.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.201	0.300	0.000	0.00	1.00
124.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.201	0.300	0.000	6.01	9.84
124.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.201	0.300	0.000	0.00	0.30
124.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.201	0.300	0.000	0.00	7.30
124.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.201	0.300	0.000	0.00	0.27
125.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.222	0.302	0.000	0.00	1.00
125.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.222	0.302	0.000	6.03	9.84
125.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.222	0.302	0.000	0.00	0.30
125.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.222	0.302	0.000	0.00	7.30
125.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.222	0.302	0.000	0.00	0.27

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:58 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 109
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



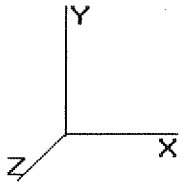
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.243	0.305	0.000	0.00	1.00
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.243	0.305	0.000	6.04	9.84
126.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.243	0.305	0.000	0.00	0.30
126.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.243	0.305	0.000	0.00	7.30
126.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.243	0.305	0.000	0.00	0.27
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.264	0.307	0.000	0.00	1.00
127.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.264	0.307	0.000	6.05	9.84
127.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.264	0.307	0.000	0.00	0.30
127.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.264	0.307	0.000	0.00	7.30
127.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.264	0.307	0.000	0.00	0.27
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.284	0.310	0.000	0.00	1.00
128.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.284	0.310	0.000	6.07	9.84
128.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.284	0.310	0.000	0.00	0.30
128.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.284	0.310	0.000	0.00	7.30
128.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.284	0.310	0.000	0.00	0.27
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.305	0.312	0.000	0.00	1.00
129.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.305	0.312	0.000	6.08	9.84
129.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.305	0.312	0.000	0.00	0.30
129.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.305	0.312	0.000	0.00	7.30
129.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.305	0.312	0.000	0.00	0.27
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.326	0.315	0.000	0.00	1.00
130.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.326	0.315	0.000	6.09	9.84
130.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.326	0.315	0.000	0.00	0.30
130.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.326	0.315	0.000	0.00	7.30
130.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.326	0.315	0.000	0.00	0.27
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.346	0.318	0.000	0.00	1.00
131.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.346	0.318	0.000	6.11	9.84
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.366	0.321	0.000	0.00	1.00
132.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.366	0.321	0.000	6.12	9.84
133.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.387	0.323	0.000	0.00	1.00
133.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.387	0.323	0.000	6.13	9.84
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.407	0.326	0.000	0.00	1.00
134.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.407	0.326	0.000	6.15	9.84
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.427	0.329	0.000	0.00	1.00
135.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.427	0.329	0.000	6.16	9.84
136.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.447	0.332	0.000	0.00	1.00
136.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.447	0.332	0.000	6.17	9.84
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.466	0.335	0.000	0.00	1.00
137.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.466	0.335	0.000	6.19	9.84
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.486	0.338	0.000	0.00	1.00
138.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.486	0.338	0.000	6.20	9.84
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.506	0.341	0.000	0.00	1.00
139.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.506	0.341	0.000	6.21	9.84
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.525	0.345	0.000	0.00	1.00
140.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.50	0.59	9.525	0.345	0.000	6.22	9.84
										Totals:	1,110.38	2,546.05

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



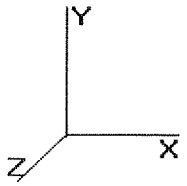
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	32.74	304.99	0.00	0.00
2.00	32.63	304.35	0.00	0.00
3.00	32.52	364.95	0.00	0.00
4.00	32.41	364.30	0.00	0.00
5.00	32.30	363.66	0.00	0.00
6.00	32.19	363.02	0.00	0.00
7.00	32.08	362.37	0.00	0.00
8.00	31.97	361.73	0.00	0.00
9.00	31.86	361.08	0.00	0.00
10.00	31.75	360.44	0.00	0.00
11.00	31.64	359.80	0.00	0.00
12.00	31.53	359.15	0.00	0.00
13.00	31.42	358.51	0.00	0.00
14.00	31.31	357.87	0.00	0.00
15.00	31.20	357.22	0.00	0.00
16.00	31.09	356.58	0.00	0.00
17.00	30.99	355.93	0.00	0.00
18.00	30.88	355.29	0.00	0.00
19.00	30.77	293.40	0.00	0.00
20.00	30.66	292.76	0.00	0.00
21.00	30.55	292.12	0.00	0.00
22.00	30.44	291.47	0.00	0.00
23.00	30.33	290.83	0.00	0.00
24.00	30.22	290.18	0.00	0.00
25.00	30.11	289.54	0.00	0.00
26.00	30.00	288.90	0.00	0.00
27.00	29.89	288.25	0.00	0.00
28.00	29.78	287.61	0.00	0.00
29.00	29.67	286.96	0.00	0.00
30.00	29.59	286.32	0.00	0.00
31.00	29.76	285.68	0.00	0.00
31.50	15.00	143.55	0.00	0.00
32.00	15.07	197.21	0.00	0.00
33.00	30.52	396.19	0.00	0.00
34.00	30.67	395.01	0.00	0.00
35.00	30.81	393.83	0.00	0.00
35.67	20.69	263.20	0.00	0.00
36.00	10.20	86.88	0.00	0.00
37.00	31.07	262.92	0.00	0.00
38.00	31.19	262.38	0.00	0.00
39.00	31.30	261.85	0.00	0.00
40.00	31.41	261.31	0.00	0.00
41.00	31.51	260.77	0.00	0.00
42.00	31.61	260.23	0.00	0.00
43.00	31.70	259.70	0.00	0.00
44.00	31.79	259.16	0.00	0.00
45.00	31.87	258.62	0.00	0.00
46.00	31.95	258.08	0.00	0.00
47.00	32.02	257.55	0.00	0.00

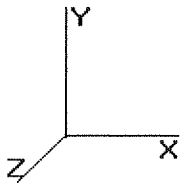


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

48.00	32.09	257.01	0.00	0.00
49.00	32.15	256.47	0.00	0.00
50.00	32.21	255.93	0.00	0.00
51.00	32.27	255.40	0.00	0.00
52.00	32.32	254.86	0.00	0.00
53.00	32.37	254.32	0.00	0.00
54.00	32.41	253.78	0.00	0.00
55.00	32.45	253.25	0.00	0.00
56.00	32.49	252.71	0.00	0.00
57.00	32.52	252.17	0.00	0.00
58.00	32.55	251.63	0.00	0.00
59.00	32.58	251.10	0.00	0.00
60.00	32.60	196.16	0.00	0.00
61.00	32.62	195.62	0.00	0.00
62.00	32.64	195.09	0.00	0.00
63.00	32.65	194.55	0.00	0.00
64.00	32.66	194.01	0.00	0.00
65.00	32.67	193.47	0.00	0.00
66.00	32.68	192.94	0.00	0.00
67.00	32.68	192.40	0.00	0.00
68.00	32.68	191.86	0.00	0.00
69.00	206.22	317.32	0.00	173.54
70.00	32.67	190.71	0.00	0.00
70.00	0.11	0.63	0.00	0.00
71.00	33.00	263.82	0.00	0.00
72.00	33.10	263.73	0.00	0.00
73.00	33.09	262.77	0.00	0.00
73.50	16.64	131.89	0.00	0.00
74.00	16.41	85.39	0.00	0.00
75.00	33.07	171.60	0.00	0.00
76.00	33.05	171.17	0.00	0.00
77.00	33.03	170.74	0.00	0.00
78.00	33.01	170.31	0.00	0.00
79.00	32.98	169.88	0.00	0.00
80.00	32.96	169.45	0.00	0.00
81.00	32.93	169.03	0.00	0.00
82.00	32.90	168.60	0.00	0.00
83.00	32.87	168.17	0.00	0.00
84.00	32.83	167.74	0.00	0.00
85.00	32.80	167.31	0.00	0.00
86.00	32.76	166.88	0.00	0.00
87.00	32.72	166.45	0.00	0.00
88.00	32.68	166.02	0.00	0.00
89.00	32.63	165.59	0.00	0.00
90.00	32.59	165.16	0.00	0.00
91.00	32.54	164.73	0.00	0.00
92.00	32.49	164.30	0.00	0.00
93.00	82.78	380.87	0.00	0.00
94.00	32.39	163.12	0.00	0.00
95.00	32.33	162.69	0.00	0.00
96.00	32.28	162.26	0.00	0.00
97.00	32.22	161.83	0.00	0.00
98.00	32.16	161.40	0.00	0.00
99.00	32.10	160.97	0.00	0.00
100.0	32.04	160.54	0.00	0.00
101.0	31.97	160.11	0.00	0.00
102.0	31.91	159.68	0.00	0.00



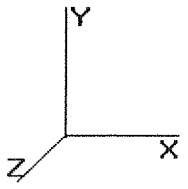
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

103.0		111.51	393.25	0.00	0.00
104.0		31.77	158.16	0.00	0.00
105.0		31.70	157.73	0.00	0.00
106.0		31.63	157.30	0.00	0.00
107.0		31.56	156.88	0.00	0.00
108.0		31.49	156.45	0.00	0.00
109.0		31.41	156.02	0.00	0.00
110.0		31.34	155.59	0.00	0.00
110.0		0.10	0.52	0.00	0.00
111.0		31.15	140.59	0.00	0.00
112.0		31.18	140.74	0.00	0.00
113.0		551.20	1,300.82	0.00	0.00
114.0		31.02	131.23	0.00	0.00
115.0		30.93	130.91	0.00	0.00
116.0		30.85	130.59	0.00	0.00
117.0		30.76	130.26	0.00	0.00
118.0		30.68	129.94	0.00	0.00
119.0		30.59	129.62	0.00	0.00
120.0		30.50	74.90	0.00	0.00
121.0		30.41	74.57	0.00	0.00
122.0		36.96	89.25	0.00	0.00
123.0		30.22	73.48	0.00	0.00
124.0		26.08	73.16	0.00	0.00
125.0		25.98	72.83	0.00	0.00
126.0		25.87	72.51	0.00	0.00
127.0		25.76	72.19	0.00	0.00
128.0		25.66	71.86	0.00	0.00
129.0		25.55	71.54	0.00	0.00
130.0		292.42	915.82	0.00	0.00
131.0		25.33	63.03	0.00	0.00
132.0		25.21	62.70	0.00	0.00
133.0		25.10	62.38	0.00	0.00
134.0		24.99	62.06	0.00	0.00
135.0		24.87	61.73	0.00	0.00
136.0		24.75	61.41	0.00	0.00
137.0		24.64	61.09	0.00	0.00
138.0		24.52	60.77	0.00	0.00
139.0		24.40	60.44	0.00	0.00
140.0		631.38	1,640.52	0.00	0.00
141.0		14.94	48.96	0.00	0.00
142.0		14.82	48.64	0.00	0.00
143.0		14.71	48.31	0.00	0.00
144.0		14.60	47.99	0.00	0.00
145.0		14.48	47.67	0.00	0.00
146.0		14.37	47.35	0.00	0.00
147.0		14.25	47.02	0.00	0.00
148.0		14.14	46.70	0.00	0.00
149.0		14.02	46.38	0.00	0.00
150.0		799.51	3,281.75	0.00	1,254.33
	Totals:	6,972.41	37,466.92	0.00	1,427.87

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:58 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 113
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



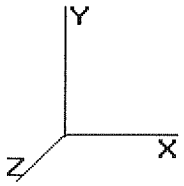
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-37.47	-6.97	0.00	-666.88	0.00	666.88	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.132
1.00	-37.16	-6.95	0.00	-659.91	0.00	659.91	3,125.28	1,562.64	4,743.31	2,342.54	0.00	-0.01	0.131
2.00	-36.85	-6.92	0.00	-652.96	0.00	652.96	3,116.86	1,558.43	4,710.21	2,326.20	0.00	-0.02	0.130
3.00	-36.49	-6.90	0.00	-646.04	0.00	646.04	3,108.40	1,554.20	4,677.16	2,309.87	0.01	-0.03	0.108
4.00	-36.12	-6.87	0.00	-639.14	0.00	639.14	3,099.89	1,549.95	4,644.15	2,293.57	0.02	-0.04	0.107
5.00	-35.76	-6.84	0.00	-632.27	0.00	632.27	3,091.35	1,545.67	4,611.19	2,277.30	0.03	-0.05	0.107
6.00	-35.39	-6.81	0.00	-625.43	0.00	625.43	3,082.76	1,541.38	4,578.29	2,261.04	0.04	-0.06	0.106
7.00	-35.03	-6.79	0.00	-618.62	0.00	618.62	3,074.13	1,537.07	4,545.43	2,244.82	0.05	-0.07	0.105
8.00	-34.67	-6.76	0.00	-611.83	0.00	611.83	3,065.46	1,532.73	4,512.63	2,228.62	0.07	-0.08	0.104
9.00	-34.31	-6.73	0.00	-605.07	0.00	605.07	3,056.75	1,528.37	4,479.87	2,212.44	0.08	-0.09	0.103
10.00	-33.94	-6.71	0.00	-598.34	0.00	598.34	3,047.99	1,524.00	4,447.17	2,196.29	0.10	-0.09	0.102
11.00	-33.58	-6.68	0.00	-591.63	0.00	591.63	3,039.20	1,519.60	4,414.53	2,180.17	0.12	-0.10	0.102
12.00	-33.22	-6.65	0.00	-584.95	0.00	584.95	3,030.36	1,515.18	4,381.94	2,164.07	0.15	-0.11	0.101
13.00	-32.86	-6.62	0.00	-578.30	0.00	578.30	3,021.48	1,510.74	4,349.40	2,148.01	0.17	-0.12	0.100
14.00	-32.51	-6.60	0.00	-571.67	0.00	571.67	3,012.56	1,506.28	4,316.92	2,131.97	0.20	-0.13	0.099
15.00	-32.15	-6.57	0.00	-565.08	0.00	565.08	3,003.60	1,501.80	4,284.50	2,115.95	0.23	-0.14	0.098
16.00	-31.79	-6.54	0.00	-558.51	0.00	558.51	2,994.60	1,497.30	4,252.13	2,099.97	0.26	-0.15	0.097
17.00	-31.43	-6.52	0.00	-551.96	0.00	551.96	2,985.55	1,492.78	4,219.83	2,084.01	0.29	-0.16	0.097
18.00	-31.08	-6.49	0.00	-545.45	0.00	545.45	2,976.47	1,488.23	4,187.58	2,068.09	0.32	-0.16	0.096
18.00	-31.08	-6.49	0.00	-545.45	0.00	545.45	2,976.47	1,488.23	4,187.58	2,068.09	0.32	-0.16	0.114
19.00	-30.78	-6.46	0.00	-538.96	0.00	538.96	2,967.34	1,483.67	4,155.39	2,052.19	0.36	-0.17	0.113
20.00	-30.49	-6.44	0.00	-532.49	0.00	532.49	2,958.17	1,479.08	4,123.27	2,036.33	0.39	-0.18	0.112
21.00	-30.20	-6.41	0.00	-526.06	0.00	526.06	2,948.96	1,474.48	4,091.20	2,020.49	0.43	-0.19	0.112
22.00	-29.90	-6.38	0.00	-519.65	0.00	519.65	2,939.70	1,469.85	4,059.20	2,004.69	0.48	-0.20	0.111
23.00	-29.61	-6.36	0.00	-513.26	0.00	513.26	2,930.41	1,465.20	4,027.26	1,988.91	0.52	-0.21	0.110
24.00	-29.32	-6.33	0.00	-506.91	0.00	506.91	2,921.07	1,460.54	3,995.39	1,973.17	0.57	-0.22	0.109
25.00	-29.03	-6.31	0.00	-500.57	0.00	500.57	2,911.70	1,455.85	3,963.58	1,957.46	0.61	-0.23	0.108
26.00	-28.74	-6.28	0.00	-494.27	0.00	494.27	2,902.28	1,451.14	3,931.84	1,941.79	0.66	-0.24	0.107
27.00	-28.45	-6.25	0.00	-487.99	0.00	487.99	2,892.81	1,446.41	3,900.17	1,926.14	0.72	-0.25	0.106
28.00	-28.16	-6.23	0.00	-481.73	0.00	481.73	2,883.31	1,441.66	3,868.56	1,910.54	0.77	-0.26	0.105
29.00	-27.87	-6.20	0.00	-475.51	0.00	475.51	2,873.77	1,436.88	3,837.02	1,894.96	0.83	-0.27	0.104
30.00	-27.59	-6.18	0.00	-469.31	0.00	469.31	2,864.18	1,432.09	3,805.55	1,879.42	0.89	-0.28	0.103
31.00	-27.30	-6.15	0.00	-463.13	0.00	463.13	2,854.56	1,427.28	3,774.15	1,863.91	0.95	-0.29	0.102
31.50	-27.16	-6.13	0.00	-460.04	0.00	460.04	2,849.69	1,424.85	3,758.37	1,856.12	0.98	-0.30	0.101
32.00	-26.96	-6.12	0.00	-456.99	0.00	456.99	2,844.89	1,422.44	3,742.82	1,848.44	1.01	-0.30	0.099
33.00	-26.56	-6.09	0.00	-450.87	0.00	450.87	2,833.37	1,416.69	3,709.20	1,831.83	1.07	-0.31	0.098
34.00	-26.17	-6.06	0.00	-444.78	0.00	444.78	2,819.42	1,409.71	3,672.56	1,813.74	1.14	-0.32	0.097
35.00	-25.77	-6.04	0.00	-438.71	0.00	438.71	2,805.48	1,402.74	3,636.10	1,795.73	1.21	-0.33	0.097
35.67	-25.51	-6.02	0.00	-434.67	0.00	434.67	2,236.04	1,118.02	2,957.95	1,460.82	1.26	-0.34	0.109
36.00	-25.42	-6.01	0.00	-432.68	0.00	432.68	2,233.84	1,116.92	2,950.23	1,457.01	1.28	-0.34	0.109
37.00	-25.16	-5.98	0.00	-426.67	0.00	426.67	2,227.15	1,113.58	2,926.88	1,445.48	1.35	-0.35	0.107
38.00	-24.89	-5.95	0.00	-420.69	0.00	420.69	2,220.42	1,110.21	2,903.56	1,433.96	1.43	-0.36	0.106
39.00	-24.63	-5.92	0.00	-414.74	0.00	414.74	2,213.65	1,106.83	2,880.28	1,422.46	1.51	-0.37	0.105
40.00	-24.37	-5.89	0.00	-408.82	0.00	408.82	2,206.84	1,103.42	2,857.02	1,410.98	1.59	-0.38	0.104
41.00	-24.11	-5.86	0.00	-402.93	0.00	402.93	2,199.98	1,099.99	2,833.81	1,399.51	1.67	-0.39	0.103
42.00	-23.85	-5.83	0.00	-397.07	0.00	397.07	2,193.09	1,096.54	2,810.63	1,388.06	1.75	-0.40	0.101
43.00	-23.58	-5.81	0.00	-391.23	0.00	391.23	2,186.15	1,093.07	2,787.48	1,376.63	1.84	-0.41	0.100
44.00	-23.33	-5.78	0.00	-385.43	0.00	385.43	2,179.17	1,089.58	2,764.38	1,365.22	1.92	-0.42	0.099
45.00	-23.07	-5.75	0.00	-379.65	0.00	379.65	2,172.15	1,086.07	2,741.31	1,353.83	2.01	-0.43	0.098
46.00	-22.81	-5.72	0.00	-373.91	0.00	373.91	2,165.08	1,082.54	2,718.28	1,342.46	2.10	-0.44	0.097
47.00	-22.55	-5.68	0.00	-368.19	0.00	368.19	2,157.98	1,078.99	2,695.29	1,331.10	2.20	-0.45	0.095

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:58 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 114
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

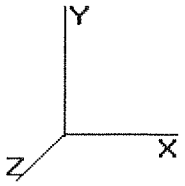


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

48.00	-22.29	-5.65	0.00	-362.51	0.00	362.51	2,150.84	1,075.42	2,672.35	1,319.77	2.29	-0.46	0.094
49.00	-22.03	-5.62	0.00	-356.85	0.00	356.85	2,143.65	1,071.82	2,649.44	1,308.46	2.39	-0.47	0.093
50.00	-21.78	-5.59	0.00	-351.23	0.00	351.23	2,136.42	1,068.21	2,626.58	1,297.17	2.49	-0.48	0.092
51.00	-21.52	-5.56	0.00	-345.63	0.00	345.63	2,129.15	1,064.57	2,603.76	1,285.90	2.59	-0.49	0.091
52.00	-21.27	-5.53	0.00	-340.07	0.00	340.07	2,121.84	1,060.92	2,580.99	1,274.65	2.69	-0.50	0.090
53.00	-21.01	-5.50	0.00	-334.54	0.00	334.54	2,114.48	1,057.24	2,558.26	1,263.43	2.80	-0.51	0.088
54.00	-20.76	-5.47	0.00	-329.04	0.00	329.04	2,107.09	1,053.54	2,535.57	1,252.22	2.91	-0.52	0.087
55.00	-20.50	-5.44	0.00	-323.57	0.00	323.57	2,099.65	1,049.82	2,512.93	1,241.04	3.02	-0.52	0.086
56.00	-20.25	-5.41	0.00	-318.14	0.00	318.14	2,092.17	1,046.09	2,490.35	1,229.89	3.13	-0.53	0.085
57.00	-20.00	-5.37	0.00	-312.73	0.00	312.73	2,084.65	1,042.33	2,467.80	1,218.76	3.24	-0.54	0.084
58.00	-19.74	-5.34	0.00	-307.36	0.00	307.36	2,077.09	1,038.54	2,445.31	1,207.65	3.35	-0.55	0.082
59.00	-19.49	-5.31	0.00	-302.02	0.00	302.02	2,069.49	1,034.74	2,422.87	1,196.56	3.47	-0.56	0.081
59.00	-19.49	-5.31	0.00	-302.02	0.00	302.02	2,069.49	1,034.74	2,422.87	1,196.56	3.47	-0.56	0.116
60.00	-19.30	-5.28	0.00	-296.71	0.00	296.71	2,061.84	1,030.92	2,400.48	1,185.51	3.59	-0.57	0.114
61.00	-19.10	-5.25	0.00	-291.43	0.00	291.43	2,054.15	1,027.08	2,378.14	1,174.47	3.71	-0.58	0.112
62.00	-18.90	-5.22	0.00	-286.18	0.00	286.18	2,046.43	1,023.21	2,355.85	1,163.47	3.83	-0.59	0.111
63.00	-18.71	-5.19	0.00	-280.96	0.00	280.96	2,038.66	1,019.33	2,333.61	1,152.48	3.96	-0.61	0.109
64.00	-18.51	-5.16	0.00	-275.78	0.00	275.78	2,030.85	1,015.42	2,311.43	1,141.53	4.09	-0.62	0.108
65.00	-18.32	-5.13	0.00	-270.62	0.00	270.62	2,022.99	1,011.50	2,289.31	1,130.60	4.22	-0.63	0.106
66.00	-18.13	-5.09	0.00	-265.49	0.00	265.49	2,015.10	1,007.55	2,267.24	1,119.70	4.35	-0.64	0.105
67.00	-17.93	-5.06	0.00	-260.40	0.00	260.40	2,007.16	1,003.58	2,245.22	1,108.83	4.49	-0.65	0.103
68.00	-17.74	-5.03	0.00	-255.34	0.00	255.34	1,999.18	999.59	2,223.27	1,097.99	4.62	-0.67	0.102
69.00	-17.42	-4.83	0.00	-250.13	0.00	250.13	1,991.17	995.58	2,201.37	1,087.17	4.76	-0.68	0.100
70.00	-17.23	-4.79	0.00	-245.31	0.00	245.31	1,983.10	991.55	2,179.53	1,076.39	4.91	-0.69	0.098
70.00	-17.23	-4.79	0.00	-245.29	0.00	245.29	1,983.08	991.54	2,179.46	1,076.35	4.91	-0.69	0.098
71.00	-16.97	-4.76	0.00	-240.51	0.00	240.51	1,973.67	986.83	2,156.29	1,064.91	5.05	-0.70	0.096
72.00	-16.70	-4.73	0.00	-235.75	0.00	235.75	1,962.03	981.01	2,130.78	1,052.31	5.20	-0.71	0.094
73.00	-16.44	-4.69	0.00	-231.02	0.00	231.02	1,950.39	975.19	2,105.42	1,039.79	5.35	-0.72	0.093
73.50	-16.31	-4.68	0.00	-228.66	0.00	228.66	1,462.66	731.33	1,612.14	796.18	5.43	-0.73	0.109
74.00	-16.22	-4.66	0.00	-226.34	0.00	226.34	1,460.16	730.08	1,604.66	792.48	5.50	-0.73	0.108
75.00	-16.05	-4.63	0.00	-221.68	0.00	221.68	1,455.09	727.55	1,589.60	785.05	5.66	-0.75	0.106
76.00	-15.88	-4.60	0.00	-217.05	0.00	217.05	1,449.99	724.99	1,574.57	777.62	5.82	-0.76	0.104
77.00	-15.71	-4.57	0.00	-212.45	0.00	212.45	1,444.84	722.42	1,559.56	770.21	5.98	-0.77	0.102
78.00	-15.54	-4.53	0.00	-207.88	0.00	207.88	1,439.65	719.82	1,544.57	762.81	6.14	-0.78	0.100
79.00	-15.37	-4.50	0.00	-203.35	0.00	203.35	1,434.42	717.21	1,529.61	755.42	6.30	-0.79	0.098
80.00	-15.20	-4.47	0.00	-198.85	0.00	198.85	1,429.14	714.57	1,514.67	748.04	6.47	-0.80	0.096
81.00	-15.03	-4.44	0.00	-194.38	0.00	194.38	1,423.83	711.91	1,499.76	740.67	6.64	-0.81	0.095
82.00	-14.86	-4.40	0.00	-189.94	0.00	189.94	1,418.47	709.24	1,484.87	733.32	6.81	-0.82	0.093
83.00	-14.69	-4.37	0.00	-185.54	0.00	185.54	1,413.07	706.54	1,470.00	725.98	6.98	-0.83	0.091
84.00	-14.52	-4.34	0.00	-181.17	0.00	181.17	1,407.64	703.82	1,455.17	718.65	7.16	-0.84	0.089
85.00	-14.36	-4.31	0.00	-176.83	0.00	176.83	1,402.15	701.08	1,440.36	711.34	7.34	-0.85	0.087
86.00	-14.19	-4.27	0.00	-172.53	0.00	172.53	1,396.63	698.32	1,425.58	704.04	7.52	-0.86	0.085
87.00	-14.02	-4.24	0.00	-168.25	0.00	168.25	1,391.07	695.53	1,410.84	696.76	7.70	-0.87	0.084
88.00	-13.86	-4.21	0.00	-164.01	0.00	164.01	1,385.46	692.73	1,396.12	689.49	7.89	-0.88	0.082
89.00	-13.69	-4.17	0.00	-159.80	0.00	159.80	1,379.82	689.91	1,381.43	682.24	8.07	-0.89	0.080
90.00	-13.52	-4.14	0.00	-155.63	0.00	155.63	1,374.13	687.06	1,366.78	675.00	8.26	-0.90	0.078
91.00	-13.36	-4.11	0.00	-151.49	0.00	151.49	1,368.40	684.20	1,352.16	667.78	8.45	-0.91	0.076
92.00	-13.19	-4.08	0.00	-147.38	0.00	147.38	1,362.62	681.31	1,337.57	660.58	8.64	-0.92	0.075
93.00	-12.81	-3.99	0.00	-143.30	0.00	143.30	1,356.81	678.41	1,323.02	653.39	8.84	-0.93	0.073
94.00	-12.65	-3.96	0.00	-139.31	0.00	139.31	1,350.95	675.48	1,308.50	646.22	9.03	-0.94	0.071
95.00	-12.49	-3.92	0.00	-135.36	0.00	135.36	1,345.06	672.53	1,294.02	639.07	9.23	-0.95	0.069
96.00	-12.33	-3.89	0.00	-131.44	0.00	131.44	1,339.12	669.56	1,279.58	631.94	9.43	-0.96	0.067
97.00	-12.16	-3.86	0.00	-127.55	0.00	127.55	1,333.14	666.57	1,265.17	624.82	9.63	-0.97	0.066
98.00	-12.00	-3.82	0.00	-123.69	0.00	123.69	1,327.12	663.56	1,250.81	617.73	9.84	-0.98	0.064
99.00	-11.84	-3.79	0.00	-119.87	0.00	119.87	1,321.05	660.53	1,236.48	610.65	10.04	-0.98	0.062
100.00	-11.68	-3.76	0.00	-116.07	0.00	116.07	1,314.95	657.47	1,222.19	603.60	10.25	-0.99	0.061
101.00	-11.52	-3.72	0.00	-112.32	0.00	112.32	1,308.80	654.40	1,207.95	596.56	10.46	-1.00	0.059

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

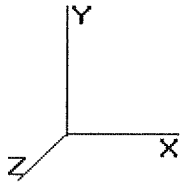


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

102.00	-11.36	-3.69	0.00	-108.59	0.00	108.59	1,302.62	651.31	1,193.75	589.55	10.67	-1.01	0.057
103.00	-10.97	-3.57	0.00	-104.90	0.00	104.90	1,296.39	648.19	1,179.59	582.55	10.88	-1.02	0.055
104.00	-10.81	-3.54	0.00	-101.33	0.00	101.33	1,290.11	645.06	1,165.47	575.58	11.10	-1.02	0.054
105.00	-10.65	-3.51	0.00	-97.79	0.00	97.79	1,283.80	641.90	1,151.40	568.63	11.31	-1.03	0.052
106.00	-10.50	-3.47	0.00	-94.28	0.00	94.28	1,277.45	638.72	1,137.37	561.70	11.53	-1.04	0.050
107.00	-10.34	-3.44	0.00	-90.81	0.00	90.81	1,271.05	635.53	1,123.39	554.80	11.75	-1.04	0.049
108.00	-10.18	-3.41	0.00	-87.36	0.00	87.36	1,264.61	632.31	1,109.46	547.92	11.97	-1.05	0.047
109.00	-10.03	-3.38	0.00	-83.96	0.00	83.96	1,256.49	628.25	1,094.14	540.35	12.19	-1.06	0.046
110.00	-9.87	-3.34	0.00	-80.58	0.00	80.58	1,247.19	623.60	1,077.91	532.34	12.41	-1.06	0.044
110.00	-9.87	-3.34	0.00	-80.57	0.00	80.57	1,247.16	623.58	1,077.86	532.31	12.41	-1.06	0.044
110.00	-9.87	-3.34	0.00	-80.57	0.00	80.57	849.80	424.90	738.78	364.86	12.41	-1.06	0.052
111.00	-9.73	-3.31	0.00	-77.24	0.00	77.24	846.28	423.14	730.22	360.63	12.63	-1.07	0.050
112.00	-9.59	-3.28	0.00	-73.93	0.00	73.93	842.69	421.35	721.63	356.39	12.86	-1.08	0.048
113.00	-8.30	-2.70	0.00	-70.65	0.00	70.65	839.07	419.54	713.06	352.15	13.09	-1.08	0.046
114.00	-8.17	-2.67	0.00	-67.95	0.00	67.95	835.41	417.70	704.50	347.92	13.31	-1.09	0.044
115.00	-8.04	-2.64	0.00	-65.28	0.00	65.28	831.70	415.85	695.95	343.70	13.54	-1.10	0.043
116.00	-7.91	-2.60	0.00	-62.64	0.00	62.64	827.95	413.98	687.42	339.49	13.77	-1.10	0.041
117.00	-7.78	-2.57	0.00	-60.04	0.00	60.04	824.16	412.08	678.90	335.28	14.00	-1.11	0.039
118.00	-7.65	-2.54	0.00	-57.47	0.00	57.47	820.33	410.17	670.39	331.08	14.24	-1.11	0.038
119.00	-7.52	-2.51	0.00	-54.93	0.00	54.93	816.46	408.23	661.91	326.89	14.47	-1.12	0.036
119.00	-7.52	-2.51	0.00	-54.93	0.00	54.93	816.46	408.23	661.91	326.89	14.47	-1.12	0.177
120.00	-7.45	-2.48	0.00	-52.42	0.00	52.42	812.54	406.27	653.43	322.71	14.70	-1.12	0.172
121.00	-7.37	-2.45	0.00	-49.95	0.00	49.95	808.59	404.29	644.98	318.53	14.94	-1.15	0.166
122.00	-7.28	-2.41	0.00	-47.50	0.00	47.50	804.59	402.30	636.55	314.37	15.19	-1.17	0.160
123.00	-7.21	-2.38	0.00	-45.09	0.00	45.09	800.55	400.28	628.13	310.21	15.43	-1.20	0.154
124.00	-7.13	-2.36	0.00	-42.70	0.00	42.70	796.47	398.24	619.74	306.07	15.69	-1.22	0.149
125.00	-7.06	-2.33	0.00	-40.34	0.00	40.34	792.35	396.17	611.37	301.93	15.94	-1.24	0.143
126.00	-6.99	-2.31	0.00	-38.01	0.00	38.01	788.19	394.09	603.01	297.81	16.21	-1.26	0.137
127.00	-6.92	-2.28	0.00	-35.70	0.00	35.70	783.98	391.99	594.69	293.69	16.47	-1.29	0.130
128.00	-6.84	-2.26	0.00	-33.41	0.00	33.41	779.73	389.87	586.38	289.59	16.75	-1.31	0.124
129.00	-6.77	-2.24	0.00	-31.15	0.00	31.15	775.44	387.72	578.10	285.50	17.02	-1.33	0.118
130.00	-5.86	-1.92	0.00	-28.92	0.00	28.92	771.11	385.56	569.85	281.43	17.30	-1.34	0.110
131.00	-5.80	-1.90	0.00	-27.00	0.00	27.00	766.74	383.37	561.62	277.36	17.58	-1.36	0.105
132.00	-5.74	-1.87	0.00	-25.10	0.00	25.10	762.33	381.16	553.41	273.31	17.87	-1.38	0.099
133.00	-5.68	-1.85	0.00	-23.23	0.00	23.23	757.87	378.94	545.24	269.27	18.16	-1.40	0.094
134.00	-5.61	-1.82	0.00	-21.38	0.00	21.38	753.38	376.69	537.09	265.25	18.46	-1.41	0.088
135.00	-5.55	-1.80	0.00	-19.55	0.00	19.55	748.84	374.42	528.98	261.24	18.75	-1.42	0.082
136.00	-5.49	-1.77	0.00	-17.76	0.00	17.76	744.26	372.13	520.89	257.25	19.05	-1.44	0.076
137.00	-5.43	-1.75	0.00	-15.98	0.00	15.98	739.64	369.82	512.83	253.27	19.36	-1.45	0.070
138.00	-5.37	-1.72	0.00	-14.23	0.00	14.23	734.98	367.49	504.81	249.31	19.66	-1.46	0.064
139.00	-5.31	-1.70	0.00	-12.51	0.00	12.51	730.27	365.14	496.82	245.36	19.97	-1.47	0.058
140.00	-3.69	-1.03	0.00	-10.81	0.00	10.81	725.52	362.76	488.86	241.43	20.28	-1.48	0.050
141.00	-3.64	-1.01	0.00	-9.79	0.00	9.79	720.74	360.37	480.93	237.51	20.59	-1.49	0.046
142.00	-3.59	-0.99	0.00	-8.78	0.00	8.78	715.91	357.95	473.04	233.62	20.90	-1.50	0.043
143.00	-3.54	-0.98	0.00	-7.78	0.00	7.78	709.92	354.96	464.46	229.38	21.22	-1.51	0.039
144.00	-3.49	-0.96	0.00	-6.80	0.00	6.80	702.92	351.46	455.30	224.86	21.53	-1.51	0.035
145.00	-3.45	-0.95	0.00	-5.84	0.00	5.84	695.93	347.97	446.23	220.38	21.85	-1.52	0.031
146.00	-3.40	-0.93	0.00	-4.89	0.00	4.89	688.94	344.47	437.26	215.95	22.17	-1.52	0.028
147.00	-3.35	-0.92	0.00	-3.96	0.00	3.96	681.95	340.97	428.38	211.56	22.49	-1.53	0.024
148.00	-3.31	-0.90	0.00	-3.04	0.00	3.04	674.96	337.48	419.58	207.22	22.81	-1.53	0.020
149.00	-3.26	-0.89	0.00	-2.14	0.00	2.14	667.96	333.98	410.88	202.92	23.13	-1.54	0.015
150.00	0.00	-0.80	0.00	-1.25	0.00	1.25	660.97	330.49	402.27	198.67	23.46	-1.54	0.006

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



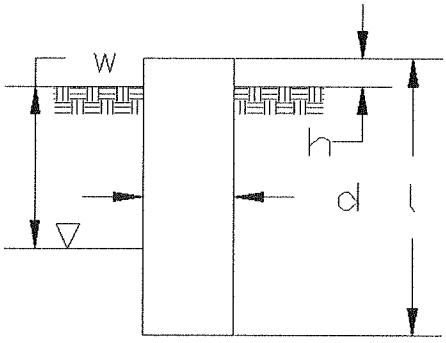
Analysis Summary

Load Case	Reactions Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Max Usage Elev (ft)	Interaction Ratio
1.2D + 1.6W	35.94	0.00	42.81	0.00	0.00	3468.78	119.00	0.91
0.9D + 1.6W	35.94	0.00	34.77	0.00	0.00	3435.61	119.00	0.89
1.2D + 1.0Di + 1.0Wi	6.44	0.00	70.53	0.00	0.00	666.14	119.00	0.21
1.0D + 1.0W	6.97	0.00	37.47	0.00	0.00	666.88	119.00	0.18

Additional Steel Summary

Elev From (ft)	Elev To (ft)	Member	Intermediate Connectors VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	Upper Termination Connectors MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Lower Termination Connectors MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Max Member Pu (kip)	phiPn (kip)	Ratio
0.00	119.	(4) SOL-#18 All Thre	378.3	11.4	16.8	81.1	12.0	7	10	0.0	12.0	0	0	249.3	249.8	0.998
0.00	59.0	(4) SOL-#18 All Thre	215.4	6.5	16.8	148.7	12.0	13	18	0.0	12.0	0	0	221.8	249.8	0.888
2.00	18.0	(2) PL-PL 4" x 1"	133.7	1.6	25.3	136.1	25.3	6	8	150.2	25.3	6	8	152.0	174.4	0.871
2.00	18.0	(2) PL-PL 5" x 1"	167.1	2.0	25.3	170.1	25.3	7	8	187.8	25.3	8	8	190.0	218.0	0.871

Site Name:	Branford CT 6, CT	*Program Last Updated:*	*5/13/2014*
Site Number:	302484	*American Tower Corporation*	
Engineer:	DM		
Engineering Number:	61354921		
Date:	03/11/15		



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

Analyze or Design a Foundation?	Analyze	
Foundation Mapped:	Y	
Moment (M):	3468.8	k-ft
Shear/Leg (V):	35.9	k
Axial Load (P):	42.8	k
Uplift/Leg (U):	0.0	k
Tower Type (GT / SST / MP):	MP	
Diameter of Caisson (d):	5.0	ft
Caisson Embedment (L-h):	22.3	ft
Caisson Height Above Ground (h):	0.5	ft
Depth Below Ground Surface to Water Table (w):	4.5	ft
Unit Weight of Concrete:	150.0	pcf
Unit Weight of Water:	62.4	pcf
Tension Skin Friction/Compression Skin Friction:	1.00	
Pullout Angle:	30.0	degrees

Engineer Notes

Soil Mechanical Properties

Depth (ft) Top	Depth (ft) Bottom	γ_{Soil} (pcf)	Cohesion (psf)	ϕ (degree)	Ultimate Skin Friction (psf)	Ultimate Bearing Pressure (psf)
0.0	5.0	125	0	0	0	0
5.0	7.0	125	0	33	0	0
7.0	23.3	125	8000	0	0	8000

Required Embedment:	16.7	ft - OK, Caisson Embedment Satisfactory
Volume of Concrete:	446.7 ft^3 =	16.5 yd^3
Weight of Concrete (Buoyancy Effect Considered):	45.3	k
Average Soil Unit Weight:	75.2	pcf
Skin Friction Resistance:	0.0	k
Compressive Bearing Resistance:	157.1	k
Pullout Weight (Minus Concrete Weight):	458.1	k
Nominal Uplift Capacity per Leg ($\phi_s T_n$):	33.9	k
Nominal Compressive Capacity per Leg ($\phi_s P_n$):	117.8	k
P_u:	55.9	k
$T_u/\phi_s T_n$:	0.00	Result: OK
$P_u/\phi_s P_n$:	0.47	Result: OK
Total Lateral Resistance:	4148.6	k
Inflection Point (Below Ground Surface):	15.2	ft
Design Overturning Moment At Inflection Point (M_D):	4031.4	k-ft
Nominal Moment Capacity ($\phi_s M_n$):	11313.1	k-ft
$M_D/\phi_s M_n$:	0.36	Result: OK
ϕ_s:	0.75	

Base/Flange Plate	Plate Type	***Baseplate***	
	Pole Diameter	37.38	in
	Pole Thickness	0.375	in
	Plate Length	44.5	in
	Plate Thickness	2.5	in
	Plate Fy	50	ksi
	Weld Length	0.3125	in
	ϕ_s Resistance	1151.98	k-in
	Applied	969.90	k-in
Stiffeners	#	***0***	

Bolts	#	***8***	
	Bolt Circle	44	in
	(R)adial / (S)quare	S	
	Bolt Gap	6	in
●	Diameter	2.25	in
	Hole Diameter	2.375	in
	Type	18J	
	Fy	75	ksi
	Fu	100	ksi
	ϕ_s Resistance	259.82	k
	Applied	181.14	k
Reinforcement	#	***8***	
●	DYW. Circle	44.255	in
	Offset Angle	45	°
	Type	#18	
	Diameter	2.257	in
	Fu	100	ksi
Extra Bolts O	#	***8***	
	Bolt Circle	44	in
	(R)adial / (S)quare	R	
	Offset Angle	22.5	°
	Diameter	1.25	in
	Type	18J	
	Fy	150	ksi
	Fu	170	ksi
	ϕ_s Resistance	131.80	k
	Applied	54.27	k

Code Rev. ***G***

Moment 3468.8 k-ft

Axial 42.8 k

Date	3/11/2015
Engineer	DM
Site #	302484
Carrier	Verizon

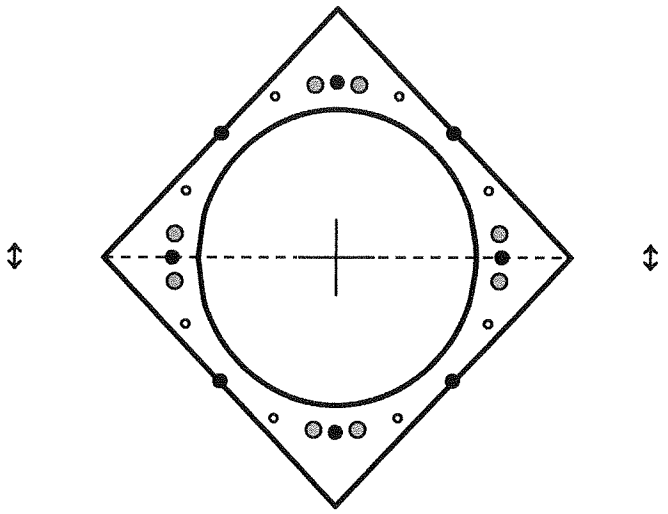


Plate Stress Ratio:

0.84 (Pass)

Bolt Stress Ratio:

0.70 (Pass)

Extra Bolt Stress Ratio:

0.41 (Pass)

Base/Flange Plate		
	Plate Type	***Flange @ 110.0 ft***
	Pole Diameter	21.67 in
	Pole Thickness	0.188 in
	Plate Diameter	28.5 in
	Plate Thickness	1 in
	Plate Fy	60 ksi
	Weld Length	0.3125 in
	ϕ_s Resistance	76.59 k-in
	Applied	8.00 k-in

Stiffeners		
	#	***0***

Bolts		
	#	***12***
	Bolt Circle	25.75 in
	(R)adial / (S)quare	R
	Diameter	2.25 in
	Hole Diameter	2.375 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	292.29 k
	Applied	14.81 k

Reinforcement		
	#	***4***
●	DYW. Circle	34.41 in
	Offset Angle	15 °
	Type	#18
	Diameter	2.257 in
	Fu	100 ksi

Extra Bolts O		
	#	***0***

Code Rev. ***G***

Moment 429.1 k-ft
Axial 10.2 k

Date	3/11/2015
Engineer	DM
Site #	302484
Carrier	Verizon

Required Flange Thickness:
0.32 in OK

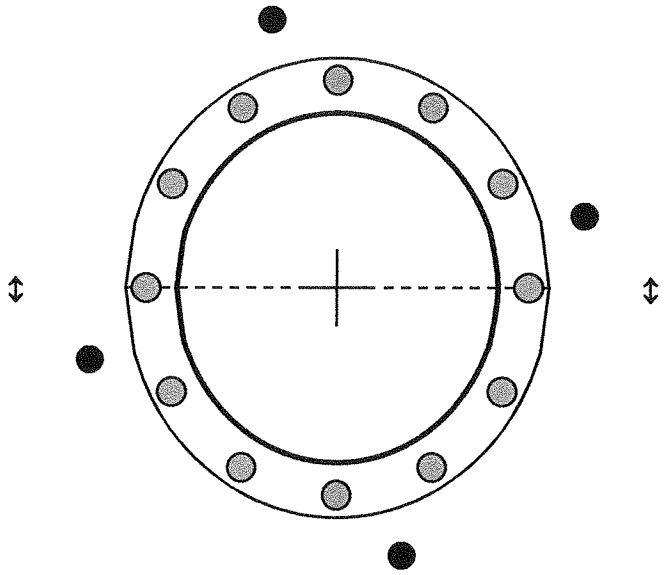
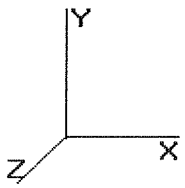


Plate Stress Ratio:
0.10 (Pass)

Bolt Stress Ratio:
0.05 (Pass)

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 8
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

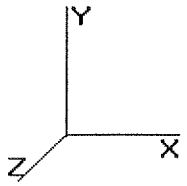
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

104.0		1.00	0.99	29.409	32.34	210.69	1.200	* 0.000	1.00	1.923	2.31	119.4	0.0	126.8
105.0		1.00	1.00	29.489	32.43	209.49	1.200	* 0.000	1.00	1.909	2.29	118.9	0.0	126.3
106.0		1.00	1.00	29.569	32.52	208.29	1.200	* 0.000	1.00	1.896	2.27	118.4	0.0	125.8
107.0		1.00	1.00	29.649	32.61	207.07	1.200	* 0.000	1.00	1.882	2.26	117.9	0.0	125.3
108.0		1.00	1.01	29.727	32.70	205.86	1.200	* 0.000	1.00	1.869	2.24	117.3	0.0	124.8
109.0		1.00	1.01	29.806	32.78	204.63	1.200	* 0.000	1.00	1.855	2.23	116.8	0.0	124.3
110.0		1.00	1.01	29.884	32.87	203.40	1.200	* 0.000	1.00	1.842	2.21	116.2	0.0	123.7
110.0	Top - Section 3	1.00	1.01	29.884	32.87	203.39	1.200	* 0.000	0.00	0.006	0.01	0.4	0.0	0.4
111.0		1.00	1.01	29.961	32.95	202.16	1.200	* 0.000	1.00	1.822	2.19	115.3	0.0	106.0
112.0		1.00	1.02	30.038	33.04	200.92	1.200	* 0.000	1.00	1.815	2.18	115.1	0.0	105.9
113.0	Appertunance(s)	1.00	1.02	30.114	33.12	199.67	1.200	* 0.000	1.00	1.801	2.16	114.6	0.0	105.5
114.0		1.00	1.02	30.190	33.20	198.41	1.200	* 0.000	1.00	1.788	2.15	114.0	0.0	105.2
115.0		1.00	1.02	30.266	33.29	197.15	1.200	* 0.000	1.00	1.774	2.13	113.4	0.0	104.8
116.0		1.00	1.03	30.341	33.37	195.89	1.200	* 0.000	1.00	1.761	2.11	112.8	0.0	104.4
117.0		1.00	1.03	30.415	33.45	194.62	1.200	* 0.000	1.00	1.747	2.10	112.2	0.0	104.0
118.0		1.00	1.03	30.489	33.53	193.34	1.200	* 0.000	1.00	1.734	2.08	111.6	0.0	103.6
119.0	Reinf. Top	1.00	1.03	30.563	33.61	192.06	1.200	* 0.000	1.00	1.720	2.06	111.0	0.0	103.2
120.0		1.00	1.04	30.636	33.69	190.77	1.200	* 0.000	1.00	1.707	2.05	110.4	0.0	48.4
121.0		1.00	1.04	30.709	33.77	189.48	1.200	* 0.000	1.00	1.693	2.03	109.8	0.0	48.0
122.0	Appertunance(s)	1.00	1.04	30.781	33.85	188.18	1.200	* 0.000	1.00	1.679	2.02	109.2	0.0	47.7
123.0		1.00	1.04	30.853	33.93	186.88	1.200	* 0.000	1.00	1.666	2.00	108.6	0.0	47.3
124.0		1.00	1.05	30.924	34.01	185.57	1.200	* 0.000	1.00	1.652	1.98	107.9	0.0	46.9
125.0		1.00	1.05	30.995	34.09	184.25	1.200	* 0.000	1.00	1.639	1.97	107.3	0.0	46.5
126.0		1.00	1.05	31.066	34.17	182.94	1.200	* 0.000	1.00	1.625	1.95	106.6	0.0	46.1
127.0		1.00	1.05	31.136	34.25	181.61	1.200	* 0.000	1.00	1.612	1.93	106.0	0.0	45.7
128.0		1.00	1.06	31.206	34.32	180.29	1.200	* 0.000	1.00	1.598	1.92	105.3	0.0	45.3
129.0		1.00	1.06	31.276	34.40	178.95	1.200	* 0.000	1.00	1.585	1.90	104.7	0.0	44.9
130.0	Appertunance(s)	1.00	1.06	31.345	34.47	177.62	1.200	* 0.000	1.00	1.571	1.89	104.0	0.0	44.6
131.0		1.00	1.06	31.413	34.55	176.27	1.200	* 0.000	1.00	1.558	1.87	103.4	0.0	44.2
132.0		1.00	1.07	31.482	34.63	174.93	1.200	* 0.000	1.00	1.544	1.85	102.7	0.0	43.8
133.0		1.00	1.07	31.550	34.70	173.58	1.200	* 0.000	1.00	1.531	1.84	102.0	0.0	43.4
134.0		1.00	1.07	31.617	34.77	172.22	1.200	* 0.000	1.00	1.517	1.82	101.3	0.0	43.0
135.0		1.00	1.07	31.684	34.85	170.86	1.200	* 0.000	1.00	1.504	1.80	100.6	0.0	42.6
136.0		1.00	1.07	31.751	34.92	169.50	1.200	* 0.000	1.00	1.490	1.79	99.9	0.0	42.2
137.0		1.00	1.08	31.818	35.00	168.13	1.200	* 0.000	1.00	1.477	1.77	99.2	0.0	41.8
138.0		1.00	1.08	31.884	35.07	166.75	1.200	* 0.000	1.00	1.463	1.76	98.5	0.0	41.5
139.0		1.00	1.08	31.950	35.14	165.38	1.200	* 0.000	1.00	1.450	1.74	97.8	0.0	41.1
140.0	Appertunance(s)	1.00	1.08	32.015	35.21	163.99	1.200	* 0.000	1.00	1.436	1.72	97.1	0.0	40.7
141.0		1.00	1.09	32.081	35.28	162.61	1.000	0.000	1.00	1.423	1.42	80.3	0.0	40.3
142.0		1.00	1.09	32.145	35.36	161.22	1.000	0.000	1.00	1.409	1.41	79.7	0.0	39.9
143.0		1.00	1.09	32.210	35.43	159.83	1.000	0.000	1.00	1.396	1.40	79.1	0.0	39.5
144.0		1.00	1.09	32.274	35.50	158.43	1.000	0.000	1.00	1.382	1.38	78.5	0.0	39.1
145.0		1.00	1.09	32.338	35.57	157.02	1.000	0.000	1.00	1.369	1.37	77.9	0.0	38.7
146.0		1.00	1.10	32.402	35.64	155.62	1.000	0.000	1.00	1.355	1.36	77.3	0.0	38.4
147.0		1.00	1.10	32.465	35.71	154.21	1.000	0.000	1.00	1.341	1.34	76.7	0.0	38.0
148.0		1.00	1.10	32.528	35.78	152.79	1.000	0.000	1.00	1.328	1.33	76.0	0.0	37.6
149.0		1.00	1.10	32.590	35.84	151.38	1.000	0.000	1.00	1.314	1.31	75.4	0.0	37.2
150.0	Appertunance(s)	1.00	1.11	32.653	35.91	149.95	1.000	0.000	1.00	1.301	1.30	74.8	0.0	36.8
* = Cf Adjusted By Linear Load Ra Effect							Totals:		150.00			18,134.1	0.0	26,722.9

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 9
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

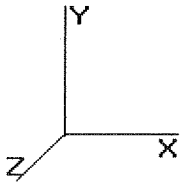
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Orientation Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
69.00	Channel Master Type	1	26.263	28.890	1.00	1.00	20.19	0.000	1.000	933.25	0.00	933.25	151.20
93.00	Decibel DB408	1	28.484	31.333	1.00	1.00	2.90	0.000	0.000	145.38	0.00	0.00	20.40
93.00	Standoff	1	28.484	31.333	1.00	1.00	2.50	0.000	0.000	125.33	0.00	0.00	240.00
103.0	Decibel DB408	2	29.328	32.260	1.00	1.00	5.80	0.000	0.000	299.38	0.00	0.00	40.80
103.0	Standoff	1	29.328	32.260	1.00	1.00	2.50	0.000	0.000	129.04	0.00	0.00	240.00
113.0	Antel BXA-171063-8CF	2	30.114	33.126	0.71	0.80	3.32	0.000	0.000	175.81	0.00	0.00	22.08
113.0	Commscope SBNHH-	3	30.114	33.126	0.69	0.80	13.53	0.000	0.000	717.08	0.00	0.00	182.52
113.0	RFS APL868013-42T0	4	30.114	33.126	0.73	0.80	8.43	0.000	0.000	446.96	0.00	0.00	30.24
113.0	RFS APL868013-42T0	2	30.114	33.126	0.73	0.80	4.22	0.000	0.000	223.48	0.00	0.00	15.12
113.0	RFS FD9R6004/2C-3L	6	30.114	33.126	0.50	0.80	0.89	0.000	0.000	47.07	0.00	0.00	18.72
113.0	Round T-Arm	3	30.114	33.126	0.67	0.75	14.62	0.000	0.000	775.01	0.00	0.00	900.00
113.0	Alcatel-Lucent RRH2x	3	30.114	33.126	0.50	0.80	2.26	0.000	0.000	119.57	0.00	0.00	158.40
113.0	Antel BXA-171085-8CF	1	30.114	33.126	0.71	0.80	1.67	0.000	0.000	88.51	0.00	0.00	12.60
113.0	RFS DB-T1-6Z-8AB-0Z	1	30.114	33.126	1.00	0.80	3.84	0.000	0.000	203.52	0.00	0.00	52.80
122.0	SWR FMEC/1	1	30.781	33.859	1.00	1.00	0.66	0.000	0.000	35.76	0.00	0.00	18.00
130.0	12" x 12" Junction B	1	31.345	34.479	0.50	0.80	0.48	0.000	0.000	26.48	0.00	0.00	12.00
130.0	Argus LLPX310R	3	31.345	34.479	0.63	0.80	6.49	0.000	0.000	357.84	0.00	0.00	102.96
130.0	Clearwire Mount	1	31.345	34.479	1.00	1.00	8.50	0.000	0.000	468.92	0.00	0.00	672.00
130.0	DragonWave A-ANT-	1	31.345	34.479	1.00	0.80	6.74	0.000	0.000	372.04	0.00	0.00	57.12
130.0	DragonWave A-ANT-	1	31.345	34.479	1.00	0.80	1.29	0.000	0.000	71.05	0.00	0.00	18.00
130.0	DragonWave Horizon	2	31.345	34.479	0.50	0.80	0.34	0.000	0.000	18.98	0.00	0.00	25.44
130.0	NextNet BTS-2500	3	31.345	34.479	0.50	0.80	2.18	0.000	0.000	120.48	0.00	0.00	126.00
140.0	Ericsson AIR 21, 1.3	3	32.015	35.217	0.71	0.80	10.31	0.000	0.000	580.89	0.00	0.00	298.80
140.0	Ericsson AIR 21, 1.3	3	32.015	35.217	0.70	0.80	10.23	0.000	0.000	576.50	0.00	0.00	293.40
140.0	Ericsson KRY 112 144	3	32.015	35.217	0.50	0.80	0.49	0.000	0.000	27.72	0.00	0.00	39.60
140.0	Round T-Arm	3	32.015	35.217	0.67	0.75	14.62	0.000	0.000	823.94	0.00	0.00	900.00
140.0	Ericsson RRUS 11 (Ba	3	32.015	35.217	0.50	0.80	3.08	0.000	0.000	173.77	0.00	0.00	180.00
140.0	Andrew LNX-6515DS-	3	32.015	35.217	0.70	0.80	19.20	0.000	0.000	1,082.00	0.00	0.00	184.68
150.0	4' Omni	1	33.201	36.521	1.00	0.75	0.75	0.000	9.000	43.83	0.00	394.43	12.00
150.0	Decibel DB408	2	32.942	36.236	1.00	0.75	4.35	0.000	4.700	252.20	0.00	1,185.35	40.80
150.0	Diplexer / Coupler	3	32.838	36.122	0.50	0.75	0.79	0.000	3.000	45.51	0.00	136.54	18.00
150.0	Ericsson RRUS 11 (Ba	6	32.838	36.122	0.50	0.75	5.67	0.000	3.000	327.70	0.00	983.09	396.00
150.0	GPS	1	32.653	35.918	1.00	0.75	0.75	0.000	0.000	43.10	0.00	0.00	12.00
150.0	KMW AM-X-CD-16-65-	3	32.838	36.122	0.67	0.75	12.09	0.000	3.000	698.75	0.00	2,096.25	174.60
150.0	KMW AWS Twin Dual	6	32.838	36.122	0.50	0.75	2.23	0.000	3.000	128.74	0.00	386.21	125.28
150.0	Round Platform w/ Ha	1	32.653	35.918	1.00	1.00	27.20	0.000	0.000	1,563.15	0.00	0.00	2,400.00
150.0	Powerwave 7770	3	32.838	36.122	0.65	0.75	8.06	0.000	3.000	465.73	0.00	1,397.20	126.00
150.0	Raycap DC6-48-60-18-	1	32.838	36.122	1.00	0.75	0.96	0.000	3.000	55.48	0.00	166.45	38.16
150.0	Round Side Arm	3	32.653	35.918	0.67	1.00	10.45	0.000	0.000	600.66	0.00	0.00	540.00
										13,390.61			8,895.72

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 10
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

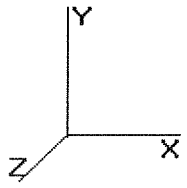
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance 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	F X (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	1.20
1.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.257	0.000	15.13	11.81
1.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.36
1.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	8.76
1.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.32
1.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.257	0.000	14.50	0.00
1.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.10
2.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	1.20
2.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.258	0.000	15.13	11.81
2.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.36
2.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	8.76
2.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.32
2.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.258	0.000	14.50	0.00
2.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.10
3.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	1.20
3.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.260	0.000	15.13	11.81
3.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.36
3.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	8.76
3.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.32
3.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.260	0.000	14.50	0.00
3.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.10
4.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	1.20
4.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.261	0.000	15.13	11.81
4.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.36
4.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	8.76
4.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.32
4.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.261	0.000	14.50	0.00
4.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.10
5.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	1.20
5.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.262	0.000	15.13	11.81
5.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.36
5.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	8.76
5.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.32
5.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.262	0.000	14.50	0.00
5.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.10
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	1.20
6.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.263	0.000	15.13	11.81
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.36
6.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	8.76
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.32
6.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.263	0.000	14.50	0.00
6.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.10
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	1.20
7.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.264	0.000	15.13	11.81
7.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.36
7.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	8.76
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.32
7.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.264	0.000	14.50	0.00
7.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.10
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	1.20
8.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.265	0.000	15.13	11.81

Pole :	302484	Code:	ANSI/TIA-222 Rev G		3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class :	II		
Height :	150.0 (ft)	Exposure Category :	B		Page: 11
Base Dia :	37.38 (in)	Topographic Category :	1		
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)		
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



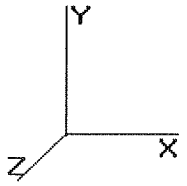
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

8.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.36
8.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	8.76
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.32
8.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.265	0.000	14.50	0.00
8.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.10
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	1.20
9.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.266	0.000	15.13	11.81
9.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.36
9.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	8.76
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.32
9.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.266	0.000	14.50	0.00
9.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.10
10.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	1.20
10.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.268	0.000	15.13	11.81
10.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.36
10.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	8.76
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.32
10.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.268	0.000	14.50	0.00
10.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.10
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	1.20
11.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.269	0.000	15.13	11.81
11.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.36
11.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	8.76
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.32
11.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.269	0.000	14.50	0.00
11.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.10
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	1.20
12.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.270	0.000	15.13	11.81
12.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.36
12.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	8.76
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.32
12.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.270	0.000	14.50	0.00
12.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.10
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	1.20
13.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.271	0.000	15.13	11.81
13.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.36
13.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	8.76
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.32
13.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.271	0.000	14.50	0.00
13.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.10
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	1.20
14.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.272	0.000	15.13	11.81
14.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.36
14.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	8.76
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.32
14.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.272	0.000	14.50	0.00
14.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.10
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	1.20
15.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.273	0.000	15.13	11.81
15.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.36
15.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	8.76
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.32
15.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.273	0.000	14.50	0.00
15.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.10
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	1.20
16.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.275	0.000	15.13	11.81
16.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.36

Pole :	302484	Code:	ANSI/TIA-222 Rev G	3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class :	II	
Height :	150.0 (ft)	Exposure Category :	B	Page: 12
Base Dia :	37.38 (in)	Topographic Category :	1	
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)	
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



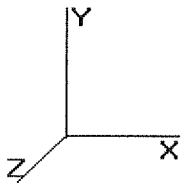
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

16.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	8.76
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.32
16.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.275	0.000	14.50	0.00
16.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.10
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	1.20
17.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.276	0.000	15.13	11.81
17.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.36
17.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	8.76
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.32
17.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.276	0.000	14.50	0.00
17.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.10
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	1.20
18.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.277	0.000	15.13	11.81
18.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.36
18.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	8.76
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.32
18.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.277	0.000	14.50	0.00
18.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.10
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	1.20
19.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.278	0.000	15.13	11.81
19.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.36
19.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	8.76
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.32
19.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.278	0.000	14.50	0.00
19.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.10
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	1.20
20.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.280	0.000	15.13	11.81
20.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.36
20.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	8.76
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.32
20.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.280	0.000	14.50	0.00
20.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.10
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	1.20
21.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.281	0.000	15.13	11.81
21.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.36
21.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	8.76
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.32
21.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.281	0.000	14.50	0.00
21.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.10
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	1.20
22.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.282	0.000	15.13	11.81
22.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.36
22.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	8.76
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.32
22.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.282	0.000	14.50	0.00
22.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.10
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	1.20
23.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.284	0.000	15.13	11.81
23.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.36
23.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	8.76
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.32
23.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.284	0.000	14.50	0.00
23.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.10
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	1.20
24.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.285	0.000	15.13	11.81
24.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.36
24.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	8.76

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II			Page : 13
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



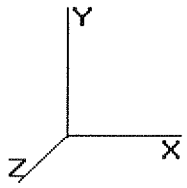
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.32
24.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.285	0.000	14.50	0.00
24.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.10
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	1.20
25.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.286	0.000	15.13	11.81
25.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.36
25.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	8.76
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.32
25.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.286	0.000	14.50	0.00
25.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.10
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	1.20
26.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.288	0.000	15.13	11.81
26.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.36
26.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	8.76
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.32
26.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.288	0.000	14.50	0.00
26.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.10
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	1.20
27.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.289	0.000	15.13	11.81
27.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.36
27.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	8.76
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.32
27.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.289	0.000	14.50	0.00
27.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.10
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	1.20
28.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.290	0.000	15.13	11.81
28.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.36
28.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	8.76
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.32
28.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.290	0.000	14.50	0.00
28.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.10
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	1.20
29.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.292	0.000	15.13	11.81
29.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.36
29.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	8.76
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.32
29.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.292	0.000	14.50	0.00
29.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.10
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	1.20
30.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.616	0.293	0.000	15.13	11.81
30.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.36
30.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	8.76
30.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.32
30.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.616	0.293	0.000	14.51	0.00
30.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.10
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	1.20
31.00	(12) 1 5/8" Coax	Yes	1.00	0.839	5.94	0.50	0.42	20.810	0.295	0.000	15.20	11.81
31.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.36
31.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	8.76
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.32
31.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.810	0.295	0.000	14.65	0.00
31.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.10
31.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.60
31.50	(12) 1 5/8" Coax	Yes	0.50	0.837	5.94	0.25	0.21	20.906	0.296	0.000	7.67	5.94
31.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.18
31.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	4.41
31.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.16

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 14
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



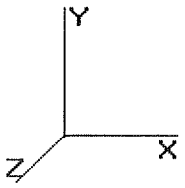
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

31.50	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	20.906	0.296	0.000	7.41	0.00
31.50	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.05
32.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.60
32.00	(12) 1 5/8" Coax	Yes	0.50	0.835	5.94	0.25	0.21	21.000	0.296	0.000	7.59	5.86
32.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.18
32.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	4.35
32.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.16
32.00	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	21.000	0.296	0.000	7.34	0.00
32.00	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.05
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	1.20
33.00	(12) 1 5/8" Coax	Yes	1.00	0.831	5.94	0.50	0.41	21.186	0.297	0.000	15.34	11.81
33.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.36
33.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	8.76
33.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.32
33.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.186	0.297	0.000	14.91	0.00
33.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.10
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	1.20
34.00	(12) 1 5/8" Coax	Yes	1.00	0.828	5.94	0.50	0.41	21.367	0.299	0.000	15.41	11.81
34.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.36
34.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	8.76
34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.32
34.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.367	0.299	0.000	15.04	0.00
34.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.10
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	1.20
35.00	(12) 1 5/8" Coax	Yes	1.00	0.824	5.94	0.50	0.41	21.545	0.300	0.000	15.47	11.81
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.36
35.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	8.76
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.32
35.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.545	0.300	0.000	15.17	0.00
35.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.10
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.80
35.67	(12) 1 5/8" Coax	Yes	0.67	0.822	5.94	0.33	0.27	21.662	0.302	0.000	10.39	7.91
35.67	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.24
35.67	(2) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	5.87
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.22
35.67	(4) #18 Dywidag bars	Yes	0.67	1.200	4.00	0.22	0.27	21.662	0.302	0.000	10.22	0.00
35.67	(1) 0.28" RG6	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.06
36.00	(1) 1 1/4" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.40
36.00	(12) 1 5/8" Coax	Yes	0.33	0.821	5.94	0.16	0.13	21.719	0.296	0.000	5.13	3.90
36.00	(2) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.12
36.00	(2) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	2.89
36.00	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.11
36.00	(4) #18 Dywidag bars	Yes	0.33	1.200	4.00	0.11	0.13	21.719	0.296	0.000	5.05	0.00
36.00	(1) 0.28" RG6	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.03
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	1.20
37.00	(12) 1 5/8" Coax	Yes	1.00	0.818	5.94	0.50	0.40	21.890	0.297	0.000	15.59	11.81
37.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.36
37.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	8.76
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.32
37.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.890	0.297	0.000	15.41	0.00
37.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.10
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	1.20
38.00	(12) 1 5/8" Coax	Yes	1.00	0.815	5.94	0.50	0.40	22.057	0.299	0.000	15.65	11.81
38.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.36
38.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	8.76
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.32
38.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	22.057	0.299	0.000	15.53	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 15
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



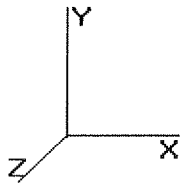
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

38.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.10
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	1.20
39.00	(12) 1 5/8" Coax	Yes	1.00	0.812	5.94	0.50	0.40	22.221	0.300	0.000	15.71	11.81
39.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.36
39.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	8.76
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.32
39.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	22.221	0.300	0.000	15.64	0.00
39.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.10
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	1.20
40.00	(12) 1 5/8" Coax	Yes	1.00	0.809	5.94	0.50	0.40	22.383	0.302	0.000	15.77	11.81
40.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.36
40.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	8.76
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.32
40.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	22.383	0.302	0.000	15.76	0.00
40.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.10
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	1.20
41.00	(12) 1 5/8" Coax	Yes	1.00	0.806	5.94	0.50	0.40	22.541	0.303	0.000	15.82	11.81
41.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.36
41.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	8.76
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.32
41.00	(4) #18 Dywidag bars	Yes	1.00	1.197	4.00	0.33	0.40	22.541	0.303	0.000	15.82	0.00
41.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.10
42.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	1.20
42.00	(12) 1 5/8" Coax	Yes	1.00	0.803	5.94	0.50	0.40	22.697	0.305	0.000	15.88	11.81
42.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.36
42.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	8.76
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.32
42.00	(4) #18 Dywidag bars	Yes	1.00	1.192	4.00	0.33	0.40	22.697	0.305	0.000	15.88	0.00
42.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.10
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	1.20
43.00	(12) 1 5/8" Coax	Yes	1.00	0.800	5.94	0.50	0.40	22.850	0.306	0.000	15.93	11.81
43.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.36
43.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	8.76
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.32
43.00	(4) #18 Dywidag bars	Yes	1.00	1.188	4.00	0.33	0.40	22.850	0.306	0.000	15.93	0.00
43.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.10
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	1.20
44.00	(12) 1 5/8" Coax	Yes	1.00	0.798	5.94	0.50	0.39	23.000	0.308	0.000	15.98	11.81
44.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.36
44.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	8.76
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.32
44.00	(4) #18 Dywidag bars	Yes	1.00	1.185	4.00	0.33	0.39	23.000	0.308	0.000	15.98	0.00
44.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.10
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	1.20
45.00	(12) 1 5/8" Coax	Yes	1.00	0.795	5.94	0.50	0.39	23.149	0.309	0.000	16.04	11.81
45.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.36
45.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	8.76
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.32
45.00	(4) #18 Dywidag bars	Yes	1.00	1.181	4.00	0.33	0.39	23.149	0.309	0.000	16.04	0.00
45.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.10
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	1.20
46.00	(12) 1 5/8" Coax	Yes	1.00	0.793	5.94	0.50	0.39	23.294	0.311	0.000	16.09	11.81
46.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.36
46.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	8.76
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.32
46.00	(4) #18 Dywidag bars	Yes	1.00	1.177	4.00	0.33	0.39	23.294	0.311	0.000	16.09	0.00
46.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.10

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 16
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



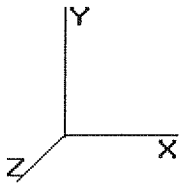
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

47.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	1.20
47.00	(12) 1 5/8" Coax	Yes	1.00	0.790	5.94	0.50	0.39	23.438	0.313	0.000	16.14	11.81
47.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.36
47.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	8.76
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.32
47.00	(4) #18 Dywidag bars	Yes	1.00	1.173	4.00	0.33	0.39	23.438	0.313	0.000	16.14	0.00
47.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.10
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	1.20
48.00	(12) 1 5/8" Coax	Yes	1.00	0.788	5.94	0.50	0.39	23.579	0.314	0.000	16.18	11.81
48.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.36
48.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	8.76
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.32
48.00	(4) #18 Dywidag bars	Yes	1.00	1.170	4.00	0.33	0.39	23.579	0.314	0.000	16.18	0.00
48.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.10
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	1.20
49.00	(12) 1 5/8" Coax	Yes	1.00	0.786	5.94	0.50	0.39	23.719	0.316	0.000	16.23	11.81
49.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.36
49.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	8.76
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.32
49.00	(4) #18 Dywidag bars	Yes	1.00	1.167	4.00	0.33	0.39	23.719	0.316	0.000	16.23	0.00
49.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.10
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	1.20
50.00	(12) 1 5/8" Coax	Yes	1.00	0.783	5.94	0.50	0.39	23.856	0.317	0.000	16.28	11.81
50.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.36
50.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	8.76
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.32
50.00	(4) #18 Dywidag bars	Yes	1.00	1.163	4.00	0.33	0.39	23.856	0.317	0.000	16.28	0.00
50.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.10
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	1.20
51.00	(12) 1 5/8" Coax	Yes	1.00	0.781	5.94	0.50	0.39	23.991	0.319	0.000	16.33	11.81
51.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.36
51.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	8.76
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.32
51.00	(4) #18 Dywidag bars	Yes	1.00	1.160	4.00	0.33	0.39	23.991	0.319	0.000	16.33	0.00
51.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.10
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	1.20
52.00	(12) 1 5/8" Coax	Yes	1.00	0.779	5.94	0.50	0.39	24.125	0.321	0.000	16.37	11.81
52.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.36
52.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	8.76
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.32
52.00	(4) #18 Dywidag bars	Yes	1.00	1.157	4.00	0.33	0.39	24.125	0.321	0.000	16.37	0.00
52.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.10
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	1.20
53.00	(12) 1 5/8" Coax	Yes	1.00	0.777	5.94	0.50	0.38	24.257	0.322	0.000	16.41	11.81
53.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.36
53.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	8.76
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.32
53.00	(4) #18 Dywidag bars	Yes	1.00	1.154	4.00	0.33	0.38	24.257	0.322	0.000	16.41	0.00
53.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.10
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	1.20
54.00	(12) 1 5/8" Coax	Yes	1.00	0.775	5.94	0.50	0.38	24.386	0.324	0.000	16.46	11.81
54.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.36
54.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	8.76
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.32
54.00	(4) #18 Dywidag bars	Yes	1.00	1.150	4.00	0.33	0.38	24.386	0.324	0.000	16.46	0.00
54.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.10
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	1.20

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:49 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 17
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				

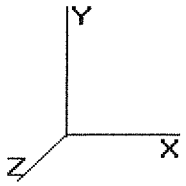


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

55.00	(12) 1 5/8" Coax	Yes	1.00	0.773	5.94	0.50	0.38	24.515	0.326	0.000	16.50	11.81
55.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.36
55.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	8.76
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.32
55.00	(4) #18 Dywidag bars	Yes	1.00	1.147	4.00	0.33	0.38	24.515	0.326	0.000	16.50	0.00
55.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.10
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	1.20
56.00	(12) 1 5/8" Coax	Yes	1.00	0.771	5.94	0.50	0.38	24.641	0.328	0.000	16.54	11.81
56.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.36
56.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	8.76
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.32
56.00	(4) #18 Dywidag bars	Yes	1.00	1.144	4.00	0.33	0.38	24.641	0.328	0.000	16.54	0.00
56.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.10
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	1.20
57.00	(12) 1 5/8" Coax	Yes	1.00	0.769	5.94	0.50	0.38	24.766	0.329	0.000	16.59	11.81
57.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.36
57.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	8.76
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.32
57.00	(4) #18 Dywidag bars	Yes	1.00	1.142	4.00	0.33	0.38	24.766	0.329	0.000	16.59	0.00
57.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.10
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	1.20
58.00	(12) 1 5/8" Coax	Yes	1.00	0.767	5.94	0.50	0.38	24.889	0.331	0.000	16.63	11.81
58.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.36
58.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	8.76
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.32
58.00	(4) #18 Dywidag bars	Yes	1.00	1.139	4.00	0.33	0.38	24.889	0.331	0.000	16.63	0.00
58.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.10
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	1.20
59.00	(12) 1 5/8" Coax	Yes	1.00	0.765	5.94	0.50	0.38	25.011	0.333	0.000	16.67	11.81
59.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.36
59.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	8.76
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.32
59.00	(4) #18 Dywidag bars	Yes	1.00	1.136	4.00	0.33	0.38	25.011	0.333	0.000	16.67	0.00
59.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.10
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	1.20
60.00	(12) 1 5/8" Coax	Yes	1.00	0.763	5.94	0.50	0.38	25.132	0.335	0.000	16.71	11.81
60.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.36
60.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	8.76
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.32
60.00	(4) #18 Dywidag bars	Yes	1.00	1.133	4.00	0.33	0.38	25.132	0.335	0.000	16.71	0.00
60.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.10
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	1.20
61.00	(12) 1 5/8" Coax	Yes	1.00	0.761	5.94	0.50	0.38	25.251	0.337	0.000	16.75	11.81
61.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.36
61.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	8.76
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.32
61.00	(4) #18 Dywidag bars	Yes	1.00	1.131	4.00	0.33	0.38	25.251	0.337	0.000	16.75	0.00
61.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.10
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	1.20
62.00	(12) 1 5/8" Coax	Yes	1.00	0.760	5.94	0.50	0.38	25.368	0.338	0.000	16.79	11.81
62.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.36
62.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	8.76
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.32
62.00	(4) #18 Dywidag bars	Yes	1.00	1.128	4.00	0.33	0.38	25.368	0.338	0.000	16.79	0.00
62.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.10
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	1.20
63.00	(12) 1 5/8" Coax	Yes	1.00	0.758	5.94	0.50	0.38	25.485	0.340	0.000	16.83	11.81

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 18
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



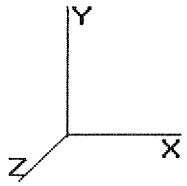
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

63.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.36
63.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	8.76
63.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.32
63.00	(4) #18 Dywidag bars	Yes	1.00	1.125	4.00	0.33	0.38	25.485	0.340	0.000	16.83	0.00
63.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.10
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	1.20
64.00	(12) 1 5/8" Coax	Yes	1.00	0.756	5.94	0.50	0.37	25.599	0.342	0.000	16.86	11.81
64.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.36
64.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	8.76
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.32
64.00	(4) #18 Dywidag bars	Yes	1.00	1.123	4.00	0.33	0.37	25.599	0.342	0.000	16.86	0.00
64.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.10
65.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	1.20
65.00	(12) 1 5/8" Coax	Yes	1.00	0.754	5.94	0.50	0.37	25.713	0.344	0.000	16.90	11.81
65.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.36
65.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	8.76
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.32
65.00	(4) #18 Dywidag bars	Yes	1.00	1.120	4.00	0.33	0.37	25.713	0.344	0.000	16.90	0.00
65.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.10
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	1.20
66.00	(12) 1 5/8" Coax	Yes	1.00	0.753	5.94	0.50	0.37	25.825	0.346	0.000	16.94	11.81
66.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.36
66.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	8.76
66.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.32
66.00	(4) #18 Dywidag bars	Yes	1.00	1.118	4.00	0.33	0.37	25.825	0.346	0.000	16.94	0.00
66.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.10
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	1.20
67.00	(12) 1 5/8" Coax	Yes	1.00	0.751	5.94	0.50	0.37	25.937	0.348	0.000	16.97	11.81
67.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.36
67.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	8.76
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.32
67.00	(4) #18 Dywidag bars	Yes	1.00	1.116	4.00	0.33	0.37	25.937	0.348	0.000	16.97	0.00
67.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.10
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	1.20
68.00	(12) 1 5/8" Coax	Yes	1.00	0.750	5.94	0.50	0.37	26.047	0.350	0.000	17.01	11.81
68.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.36
68.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	8.76
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.32
68.00	(4) #18 Dywidag bars	Yes	1.00	1.113	4.00	0.33	0.37	26.047	0.350	0.000	17.01	0.00
68.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.10
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	1.20
69.00	(12) 1 5/8" Coax	Yes	1.00	0.748	5.94	0.50	0.37	26.156	0.352	0.000	17.05	11.81
69.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.36
69.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	8.76
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.32
69.00	(4) #18 Dywidag bars	Yes	1.00	1.111	4.00	0.33	0.37	26.156	0.352	0.000	17.05	0.00
69.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.10
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	1.20
70.00	(12) 1 5/8" Coax	Yes	1.00	0.747	5.94	0.50	0.37	26.263	0.354	0.000	17.08	11.81
70.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	0.36
70.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	8.76
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	0.32
70.00	(4) #18 Dywidag bars	Yes	1.00	1.109	4.00	0.33	0.37	26.263	0.354	0.000	17.08	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.00
70.00	(12) 1 5/8" Coax	Yes	0.00	0.747	5.94	0.00	0.00	26.264	0.355	0.000	0.06	0.04
70.00	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.00
70.00	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.03

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:50 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 19	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											

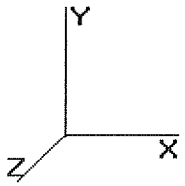


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.00
70.00	(4) #18 Dywidag bars	Yes	0.00	1.109	4.00	0.00	0.00	26.264	0.355	0.000	0.06	0.00
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	1.20
71.00	(12) 1 5/8" Coax	Yes	1.00	0.745	5.94	0.49	0.37	26.370	0.356	0.000	17.06	11.77
71.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	0.36
71.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	8.73
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	0.32
71.00	(4) #18 Dywidag bars	Yes	1.00	1.106	4.00	0.33	0.37	26.370	0.356	0.000	17.06	0.00
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	1.20
72.00	(12) 1 5/8" Coax	Yes	1.00	0.744	5.94	0.50	0.37	26.476	0.358	0.000	17.15	11.81
72.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	0.36
72.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	8.76
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	0.32
72.00	(4) #18 Dywidag bars	Yes	1.00	1.104	4.00	0.33	0.37	26.476	0.358	0.000	17.15	0.00
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	1.20
73.00	(12) 1 5/8" Coax	Yes	1.00	0.742	5.94	0.50	0.37	26.580	0.360	0.000	17.18	11.81
73.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	0.36
73.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	8.76
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	0.32
73.00	(4) #18 Dywidag bars	Yes	1.00	1.102	4.00	0.33	0.37	26.580	0.360	0.000	17.18	0.00
73.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	0.60
73.50	(12) 1 5/8" Coax	Yes	0.50	0.741	5.94	0.25	0.18	26.632	0.362	0.000	8.66	5.94
73.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	0.18
73.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	4.41
73.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	0.16
73.50	(4) #18 Dywidag bars	Yes	0.50	1.101	4.00	0.17	0.18	26.632	0.362	0.000	8.66	0.00
74.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	0.60
74.00	(12) 1 5/8" Coax	Yes	0.50	0.741	5.94	0.25	0.18	26.684	0.356	0.000	8.55	5.86
74.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	0.18
74.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	4.35
74.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	0.16
74.00	(4) #18 Dywidag bars	Yes	0.50	1.100	4.00	0.17	0.18	26.684	0.356	0.000	8.55	0.00
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	1.20
75.00	(12) 1 5/8" Coax	Yes	1.00	0.739	5.94	0.50	0.37	26.786	0.358	0.000	17.25	11.81
75.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	0.36
75.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	8.76
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	0.32
75.00	(4) #18 Dywidag bars	Yes	1.00	1.098	4.00	0.33	0.37	26.786	0.358	0.000	17.25	0.00
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	1.20
76.00	(12) 1 5/8" Coax	Yes	1.00	0.738	5.94	0.50	0.37	26.888	0.360	0.000	17.28	11.81
76.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	0.36
76.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	8.76
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	0.32
76.00	(4) #18 Dywidag bars	Yes	1.00	1.096	4.00	0.33	0.37	26.888	0.360	0.000	17.28	0.00
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	1.20
77.00	(12) 1 5/8" Coax	Yes	1.00	0.736	5.94	0.50	0.36	26.988	0.362	0.000	17.31	11.81
77.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	0.36
77.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	8.76
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	0.32
77.00	(4) #18 Dywidag bars	Yes	1.00	1.094	4.00	0.33	0.36	26.988	0.362	0.000	17.31	0.00
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	1.20
78.00	(12) 1 5/8" Coax	Yes	1.00	0.735	5.94	0.50	0.36	27.088	0.364	0.000	17.35	11.81
78.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	0.36
78.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	8.76
78.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	0.32
78.00	(4) #18 Dywidag bars	Yes	1.00	1.092	4.00	0.33	0.36	27.088	0.364	0.000	17.35	0.00
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	1.20

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:50 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 20	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

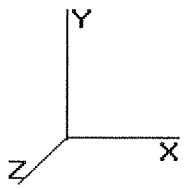
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

79.00	(12) 1 5/8" Coax	Yes	1.00	0.734	5.94	0.50	0.36	27.187	0.366	0.000	17.38	11.81
79.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	0.36
79.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	8.76
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	0.32
79.00	(4) #18 Dywidag bars	Yes	1.00	1.090	4.00	0.33	0.36	27.187	0.366	0.000	17.38	0.00
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	1.20
80.00	(12) 1 5/8" Coax	Yes	1.00	0.732	5.94	0.50	0.36	27.285	0.369	0.000	17.41	11.81
80.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	0.36
80.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	8.76
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	0.32
80.00	(4) #18 Dywidag bars	Yes	1.00	1.088	4.00	0.33	0.36	27.285	0.369	0.000	17.41	0.00
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	1.20
81.00	(12) 1 5/8" Coax	Yes	1.00	0.731	5.94	0.50	0.36	27.382	0.371	0.000	17.44	11.81
81.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	0.36
81.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	8.76
81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	0.32
81.00	(4) #18 Dywidag bars	Yes	1.00	1.086	4.00	0.33	0.36	27.382	0.371	0.000	17.44	0.00
82.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	1.20
82.00	(12) 1 5/8" Coax	Yes	1.00	0.730	5.94	0.50	0.36	27.478	0.373	0.000	17.47	11.81
82.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	0.36
82.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	8.76
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	0.32
82.00	(4) #18 Dywidag bars	Yes	1.00	1.084	4.00	0.33	0.36	27.478	0.373	0.000	17.47	0.00
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	1.20
83.00	(12) 1 5/8" Coax	Yes	1.00	0.729	5.94	0.50	0.36	27.573	0.375	0.000	17.50	11.81
83.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	0.36
83.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	8.76
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	0.32
83.00	(4) #18 Dywidag bars	Yes	1.00	1.082	4.00	0.33	0.36	27.573	0.375	0.000	17.50	0.00
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	1.20
84.00	(12) 1 5/8" Coax	Yes	1.00	0.727	5.94	0.50	0.36	27.668	0.378	0.000	17.53	11.81
84.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	0.36
84.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	8.76
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	0.32
84.00	(4) #18 Dywidag bars	Yes	1.00	1.080	4.00	0.33	0.36	27.668	0.378	0.000	17.53	0.00
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	1.20
85.00	(12) 1 5/8" Coax	Yes	1.00	0.726	5.94	0.50	0.36	27.761	0.380	0.000	17.56	11.81
85.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	0.36
85.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	8.76
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	0.32
85.00	(4) #18 Dywidag bars	Yes	1.00	1.078	4.00	0.33	0.36	27.761	0.380	0.000	17.56	0.00
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	1.20
86.00	(12) 1 5/8" Coax	Yes	1.00	0.725	5.94	0.50	0.36	27.854	0.382	0.000	17.59	11.81
86.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	0.36
86.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	8.76
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	0.32
86.00	(4) #18 Dywidag bars	Yes	1.00	1.076	4.00	0.33	0.36	27.854	0.382	0.000	17.59	0.00
87.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	1.20
87.00	(12) 1 5/8" Coax	Yes	1.00	0.724	5.94	0.50	0.36	27.946	0.385	0.000	17.62	11.81
87.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	0.36
87.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	8.76
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	0.32
87.00	(4) #18 Dywidag bars	Yes	1.00	1.075	4.00	0.33	0.36	27.946	0.385	0.000	17.62	0.00
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	1.20
88.00	(12) 1 5/8" Coax	Yes	1.00	0.722	5.94	0.50	0.36	28.038	0.387	0.000	17.65	11.81
88.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	0.36
88.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	8.76

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

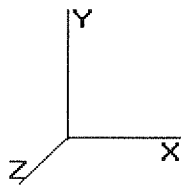
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	0.32
88.00	(4) #18 Dywidag bars	Yes	1.00	1.073	4.00	0.33	0.36	28.038	0.387	0.000	17.65	0.00
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	1.20
89.00	(12) 1 5/8" Coax	Yes	1.00	0.721	5.94	0.50	0.36	28.129	0.390	0.000	17.68	11.81
89.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	0.36
89.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	8.76
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	0.32
89.00	(4) #18 Dywidag bars	Yes	1.00	1.071	4.00	0.33	0.36	28.129	0.390	0.000	17.68	0.00
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	1.20
90.00	(12) 1 5/8" Coax	Yes	1.00	0.720	5.94	0.50	0.36	28.219	0.392	0.000	17.70	11.81
90.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	0.36
90.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	8.76
90.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	0.32
90.00	(4) #18 Dywidag bars	Yes	1.00	1.069	4.00	0.33	0.36	28.219	0.392	0.000	17.70	0.00
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	1.20
91.00	(12) 1 5/8" Coax	Yes	1.00	0.719	5.94	0.50	0.36	28.308	0.395	0.000	17.73	11.81
91.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	0.36
91.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	8.76
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	0.32
91.00	(4) #18 Dywidag bars	Yes	1.00	1.068	4.00	0.33	0.36	28.308	0.395	0.000	17.73	0.00
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	1.20
92.00	(12) 1 5/8" Coax	Yes	1.00	0.718	5.94	0.50	0.36	28.396	0.397	0.000	17.76	11.81
92.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	0.36
92.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	8.76
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	0.32
92.00	(4) #18 Dywidag bars	Yes	1.00	1.066	4.00	0.33	0.36	28.396	0.397	0.000	17.76	0.00
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	1.20
93.00	(12) 1 5/8" Coax	Yes	1.00	0.717	5.94	0.50	0.35	28.484	0.400	0.000	17.79	11.81
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	0.36
93.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	8.76
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	0.32
93.00	(4) #18 Dywidag bars	Yes	1.00	1.064	4.00	0.33	0.35	28.484	0.400	0.000	17.79	0.00
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	1.20
94.00	(12) 1 5/8" Coax	Yes	1.00	0.716	5.94	0.50	0.35	28.571	0.402	0.000	17.82	11.81
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	0.36
94.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	8.76
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	0.32
94.00	(4) #18 Dywidag bars	Yes	1.00	1.063	4.00	0.33	0.35	28.571	0.402	0.000	17.82	0.00
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	1.20
95.00	(12) 1 5/8" Coax	Yes	1.00	0.715	5.94	0.50	0.35	28.658	0.405	0.000	17.84	11.81
95.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	0.36
95.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	8.76
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	0.32
95.00	(4) #18 Dywidag bars	Yes	1.00	1.061	4.00	0.33	0.35	28.658	0.405	0.000	17.84	0.00
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	1.20
96.00	(12) 1 5/8" Coax	Yes	1.00	0.714	5.94	0.50	0.35	28.744	0.408	0.000	17.87	11.81
96.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	0.36
96.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	8.76
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	0.32
96.00	(4) #18 Dywidag bars	Yes	1.00	1.060	4.00	0.33	0.35	28.744	0.408	0.000	17.87	0.00
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	1.20
97.00	(12) 1 5/8" Coax	Yes	1.00	0.713	5.94	0.50	0.35	28.829	0.411	0.000	17.90	11.81
97.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	0.36
97.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	8.76
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	0.32
97.00	(4) #18 Dywidag bars	Yes	1.00	1.058	4.00	0.33	0.35	28.829	0.411	0.000	17.90	0.00
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	1.20

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



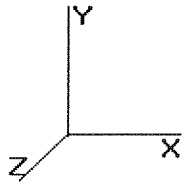
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

98.00	(12) 1 5/8" Coax	Yes	1.00	0.711	5.94	0.50	0.35	28.913	0.413	0.000	17.92	11.81
98.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	0.36
98.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	8.76
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	0.32
98.00	(4) #18 Dywidag bars	Yes	1.00	1.057	4.00	0.33	0.35	28.913	0.413	0.000	17.92	0.00
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	1.20
99.00	(12) 1 5/8" Coax	Yes	1.00	0.710	5.94	0.50	0.35	28.997	0.416	0.000	17.95	11.81
99.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	0.36
99.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	8.76
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	0.32
99.00	(4) #18 Dywidag bars	Yes	1.00	1.055	4.00	0.33	0.35	28.997	0.416	0.000	17.95	0.00
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	1.20
100.0	(12) 1 5/8" Coax	Yes	1.00	0.709	5.94	0.50	0.35	29.081	0.419	0.000	17.97	11.81
100.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	0.36
100.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	8.76
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	0.32
100.0	(4) #18 Dywidag bars	Yes	1.00	1.053	4.00	0.33	0.35	29.081	0.419	0.000	17.97	0.00
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	1.20
101.0	(12) 1 5/8" Coax	Yes	1.00	0.708	5.94	0.50	0.35	29.164	0.422	0.000	18.00	11.81
101.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	0.36
101.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	8.76
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	0.32
101.0	(4) #18 Dywidag bars	Yes	1.00	1.052	4.00	0.33	0.35	29.164	0.422	0.000	18.00	0.00
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	1.20
102.0	(12) 1 5/8" Coax	Yes	1.00	0.707	5.94	0.50	0.35	29.246	0.425	0.000	18.02	11.81
102.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	0.36
102.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	8.76
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	0.32
102.0	(4) #18 Dywidag bars	Yes	1.00	1.051	4.00	0.33	0.35	29.246	0.425	0.000	18.02	0.00
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	1.20
103.0	(12) 1 5/8" Coax	Yes	1.00	0.706	5.94	0.50	0.35	29.328	0.428	0.000	18.05	11.81
103.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	0.36
103.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	8.76
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	0.32
103.0	(4) #18 Dywidag bars	Yes	1.00	1.049	4.00	0.33	0.35	29.328	0.428	0.000	18.05	0.00
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	1.20
104.0	(12) 1 5/8" Coax	Yes	1.00	0.705	5.94	0.50	0.35	29.409	0.431	0.000	18.07	11.81
104.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	0.36
104.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	8.76
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	0.32
104.0	(4) #18 Dywidag bars	Yes	1.00	1.048	4.00	0.33	0.35	29.409	0.431	0.000	18.07	0.00
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	1.20
105.0	(12) 1 5/8" Coax	Yes	1.00	0.704	5.94	0.50	0.35	29.489	0.434	0.000	18.10	11.81
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	0.36
105.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	8.76
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	0.32
105.0	(4) #18 Dywidag bars	Yes	1.00	1.046	4.00	0.33	0.35	29.489	0.434	0.000	18.10	0.00
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	1.20
106.0	(12) 1 5/8" Coax	Yes	1.00	0.704	5.94	0.50	0.35	29.569	0.437	0.000	18.12	11.81
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	0.36
106.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	8.76
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	0.32
106.0	(4) #18 Dywidag bars	Yes	1.00	1.045	4.00	0.33	0.35	29.569	0.437	0.000	18.12	0.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	1.20
107.0	(12) 1 5/8" Coax	Yes	1.00	0.703	5.94	0.50	0.35	29.649	0.440	0.000	18.15	11.81
107.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	0.36
107.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	8.76

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 23
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



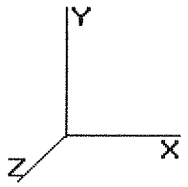
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	0.32
107.0	(4) #18 Dywidag bars	Yes	1.00	1.043	4.00	0.33	0.35	29.649	0.440	0.000	18.15	0.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	1.20
108.0	(12) 1 5/8" Coax	Yes	1.00	0.702	5.94	0.50	0.35	29.727	0.443	0.000	18.17	11.81
108.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	0.36
108.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	8.76
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	0.32
108.0	(4) #18 Dywidag bars	Yes	1.00	1.042	4.00	0.33	0.35	29.727	0.443	0.000	18.17	0.00
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	1.20
109.0	(12) 1 5/8" Coax	Yes	1.00	0.701	5.94	0.50	0.35	29.806	0.446	0.000	18.20	11.81
109.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	0.36
109.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	8.76
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	0.32
109.0	(4) #18 Dywidag bars	Yes	1.00	1.041	4.00	0.33	0.35	29.806	0.446	0.000	18.20	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	1.20
110.0	(12) 1 5/8" Coax	Yes	1.00	0.700	5.94	0.50	0.35	29.884	0.450	0.000	18.22	11.81
110.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	0.36
110.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	8.76
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	0.32
110.0	(4) #18 Dywidag bars	Yes	1.00	1.039	4.00	0.33	0.35	29.884	0.450	0.000	18.22	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	0.700	5.94	0.00	0.00	29.884	0.451	0.000	0.06	0.04
110.0	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.00
110.0	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.03
110.0	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.00
110.0	(4) #18 Dywidag bars	Yes	0.00	1.039	4.00	0.00	0.00	29.884	0.451	0.000	0.06	0.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	1.20
111.0	(12) 1 5/8" Coax	Yes	1.00	0.699	5.94	0.49	0.34	29.961	0.453	0.000	18.18	11.77
111.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	0.36
111.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	8.73
111.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	0.32
111.0	(4) #18 Dywidag bars	Yes	1.00	1.038	4.00	0.33	0.34	29.961	0.453	0.000	18.18	0.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	1.20
112.0	(12) 1 5/8" Coax	Yes	1.00	0.698	5.94	0.50	0.35	30.038	0.456	0.000	18.27	11.81
112.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	0.36
112.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	8.76
112.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	0.32
112.0	(4) #18 Dywidag bars	Yes	1.00	1.037	4.00	0.33	0.35	30.038	0.456	0.000	18.27	0.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	1.20
113.0	(12) 1 5/8" Coax	Yes	1.00	0.697	5.94	0.50	0.35	30.114	0.460	0.000	18.29	11.81
113.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	0.36
113.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	8.76
113.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	0.32
113.0	(4) #18 Dywidag bars	Yes	1.00	1.035	4.00	0.33	0.35	30.114	0.460	0.000	18.29	0.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	1.20
114.0	(12) 1 5/8" Coax	Yes	1.00	0.696	5.94	0.50	0.34	30.190	0.463	0.000	18.31	11.81
114.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	0.36
114.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	8.76
114.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	0.32
114.0	(4) #18 Dywidag bars	Yes	1.00	1.034	4.00	0.33	0.34	30.190	0.463	0.000	18.31	0.00
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	1.20
115.0	(12) 1 5/8" Coax	Yes	1.00	0.695	5.94	0.50	0.34	30.266	0.467	0.000	18.34	11.81
115.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	0.36
115.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	8.76
115.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	0.32
115.0	(4) #18 Dywidag bars	Yes	1.00	1.033	4.00	0.33	0.34	30.266	0.467	0.000	18.34	0.00
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	1.20

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class : II		
Height :	150.0 (ft)	Exposure Category : B		Page : 24
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			

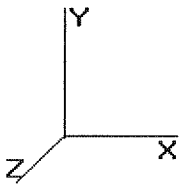


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

116.0	(12) 1 5/8" Coax	Yes	1.00	0.695	5.94	0.50	0.34	30.341	0.470	0.000	18.36	11.81
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	0.36
116.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	8.76
116.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	0.32
116.0	(4) #18 Dywidag bars	Yes	1.00	1.031	4.00	0.33	0.34	30.341	0.470	0.000	18.36	0.00
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	1.20
117.0	(12) 1 5/8" Coax	Yes	1.00	0.694	5.94	0.50	0.34	30.415	0.474	0.000	18.38	11.81
117.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	0.36
117.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	8.76
117.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	0.32
117.0	(4) #18 Dywidag bars	Yes	1.00	1.030	4.00	0.33	0.34	30.415	0.474	0.000	18.38	0.00
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	1.20
118.0	(12) 1 5/8" Coax	Yes	1.00	0.693	5.94	0.50	0.34	30.489	0.478	0.000	18.40	11.81
118.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	0.36
118.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	8.76
118.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	0.32
118.0	(4) #18 Dywidag bars	Yes	1.00	1.029	4.00	0.33	0.34	30.489	0.478	0.000	18.40	0.00
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	1.20
119.0	(12) 1 5/8" Coax	Yes	1.00	0.692	5.94	0.50	0.34	30.563	0.482	0.000	18.43	11.81
119.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	0.36
119.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	8.76
119.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	0.32
119.0	(4) #18 Dywidag bars	Yes	1.00	1.028	4.00	0.33	0.34	30.563	0.482	0.000	18.43	0.00
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	1.20
120.0	(12) 1 5/8" Coax	Yes	1.00	0.691	5.94	0.50	0.34	30.636	0.485	0.000	18.45	11.81
120.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	0.36
120.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	8.76
120.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	0.32
120.0	(4) #18 Dywidag bars	Yes	1.00	1.026	4.00	0.33	0.34	30.636	0.485	0.000	18.45	0.00
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	1.20
121.0	(12) 1 5/8" Coax	Yes	1.00	0.690	5.94	0.50	0.34	30.709	0.489	0.000	18.47	11.81
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	0.36
121.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	8.76
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	0.32
121.0	(4) #18 Dywidag bars	Yes	1.00	1.025	4.00	0.33	0.34	30.709	0.489	0.000	18.47	0.00
122.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	1.20
122.0	(12) 1 5/8" Coax	Yes	1.00	0.690	5.94	0.50	0.34	30.781	0.493	0.000	18.49	11.81
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	0.36
122.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	8.76
122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	0.32
122.0	(4) #18 Dywidag bars	Yes	1.00	1.024	4.00	0.33	0.34	30.781	0.493	0.000	18.49	0.00
123.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	1.20
123.0	(12) 1 5/8" Coax	Yes	1.00	0.689	5.94	0.50	0.34	30.853	0.497	0.000	18.51	11.81
123.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	0.36
123.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	8.76
123.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	0.32
123.0	(4) #18 Dywidag bars	Yes	1.00	1.023	4.00	0.33	0.34	30.853	0.497	0.000	18.51	0.00
124.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	1.20
124.0	(12) 1 5/8" Coax	Yes	1.00	0.688	5.94	0.50	0.34	30.924	0.300	0.000	18.53	11.81
124.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	0.36
124.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	8.76
124.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	0.32
125.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	1.20
125.0	(12) 1 5/8" Coax	Yes	1.00	0.687	5.94	0.50	0.34	30.995	0.302	0.000	18.56	11.81
125.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	0.36
125.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	8.76
125.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	0.32

Pole :	302484	Code:	ANSI/TIA-222 Rev G		3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class :	II		
Height :	150.0 (ft)	Exposure Category :	B		Page: 25
Base Dia :	37.38 (in)	Topographic Category :	1		
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)		
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



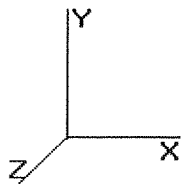
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	1.20
126.0	(12) 1 5/8" Coax	Yes	1.00	0.686	5.94	0.50	0.34	31.066	0.305	0.000	18.58	11.81
126.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	0.36
126.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	8.76
126.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	0.32
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	1.20
127.0	(12) 1 5/8" Coax	Yes	1.00	0.686	5.94	0.50	0.34	31.136	0.307	0.000	18.60	11.81
127.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	0.36
127.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	8.76
127.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	0.32
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	1.20
128.0	(12) 1 5/8" Coax	Yes	1.00	0.685	5.94	0.50	0.34	31.206	0.310	0.000	18.62	11.81
128.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	0.36
128.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	8.76
128.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	0.32
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	1.20
129.0	(12) 1 5/8" Coax	Yes	1.00	0.684	5.94	0.50	0.34	31.276	0.312	0.000	18.64	11.81
129.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	0.36
129.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	8.76
129.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	0.32
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	1.20
130.0	(12) 1 5/8" Coax	Yes	1.00	0.683	5.94	0.50	0.34	31.345	0.315	0.000	18.66	11.81
130.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	0.36
130.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	8.76
130.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	0.32
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.413	0.318	0.000	0.00	1.20
131.0	(12) 1 5/8" Coax	Yes	1.00	0.683	5.94	0.50	0.34	31.413	0.318	0.000	18.68	11.81
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.482	0.321	0.000	0.00	1.20
132.0	(12) 1 5/8" Coax	Yes	1.00	0.682	5.94	0.50	0.34	31.482	0.321	0.000	18.70	11.81
133.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.550	0.323	0.000	0.00	1.20
133.0	(12) 1 5/8" Coax	Yes	1.00	0.681	5.94	0.50	0.34	31.550	0.323	0.000	18.72	11.81
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.617	0.326	0.000	0.00	1.20
134.0	(12) 1 5/8" Coax	Yes	1.00	0.680	5.94	0.50	0.34	31.617	0.326	0.000	18.74	11.81
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.684	0.329	0.000	0.00	1.20
135.0	(12) 1 5/8" Coax	Yes	1.00	0.680	5.94	0.50	0.34	31.684	0.329	0.000	18.76	11.81
136.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.751	0.332	0.000	0.00	1.20
136.0	(12) 1 5/8" Coax	Yes	1.00	0.679	5.94	0.50	0.34	31.751	0.332	0.000	18.78	11.81
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.818	0.335	0.000	0.00	1.20
137.0	(12) 1 5/8" Coax	Yes	1.00	0.678	5.94	0.50	0.34	31.818	0.335	0.000	18.80	11.81
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.884	0.338	0.000	0.00	1.20
138.0	(12) 1 5/8" Coax	Yes	1.00	0.678	5.94	0.50	0.34	31.884	0.338	0.000	18.82	11.81
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.950	0.341	0.000	0.00	1.20
139.0	(12) 1 5/8" Coax	Yes	1.00	0.677	5.94	0.50	0.34	31.950	0.341	0.000	18.84	11.81
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	32.015	0.345	0.000	0.00	1.20
140.0	(12) 1 5/8" Coax	Yes	1.00	0.676	5.94	0.50	0.33	32.015	0.345	0.000	18.86	11.81
										Totals:	4,397.65	3,055.25

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:50 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 26
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



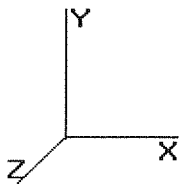
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	169.63	344.23	0.00	0.00
2.00	169.05	343.46	0.00	0.00
3.00	168.46	403.93	0.00	0.00
4.00	167.87	403.16	0.00	0.00
5.00	167.28	402.38	0.00	0.00
6.00	166.69	401.61	0.00	0.00
7.00	166.10	400.84	0.00	0.00
8.00	165.52	400.07	0.00	0.00
9.00	164.93	399.29	0.00	0.00
10.00	164.34	398.52	0.00	0.00
11.00	163.75	397.75	0.00	0.00
12.00	163.16	396.97	0.00	0.00
13.00	162.58	396.20	0.00	0.00
14.00	161.99	395.43	0.00	0.00
15.00	161.40	394.66	0.00	0.00
16.00	160.81	393.88	0.00	0.00
17.00	160.22	393.11	0.00	0.00
18.00	159.64	392.34	0.00	0.00
19.00	159.05	330.32	0.00	0.00
20.00	158.46	329.55	0.00	0.00
21.00	157.87	328.78	0.00	0.00
22.00	157.28	328.01	0.00	0.00
23.00	156.69	327.23	0.00	0.00
24.00	156.11	326.46	0.00	0.00
25.00	155.52	325.69	0.00	0.00
26.00	154.93	324.92	0.00	0.00
27.00	154.34	324.14	0.00	0.00
28.00	153.75	323.37	0.00	0.00
29.00	153.17	322.60	0.00	0.00
30.00	152.70	321.83	0.00	0.00
31.00	153.47	321.05	0.00	0.00
31.50	77.36	161.30	0.00	0.00
32.00	77.70	225.85	0.00	0.00
33.00	157.31	453.67	0.00	0.00
34.00	157.98	452.25	0.00	0.00
35.00	158.61	450.84	0.00	0.00
35.67	106.47	301.27	0.00	0.00
36.00	52.47	97.08	0.00	0.00
37.00	159.78	293.74	0.00	0.00
38.00	160.31	293.10	0.00	0.00
39.00	160.81	292.45	0.00	0.00
40.00	161.28	291.81	0.00	0.00
41.00	161.68	291.17	0.00	0.00
42.00	162.04	290.52	0.00	0.00
43.00	162.37	289.88	0.00	0.00
44.00	162.68	289.23	0.00	0.00
45.00	162.96	288.59	0.00	0.00
46.00	163.22	287.94	0.00	0.00
47.00	163.46	287.30	0.00	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 27
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



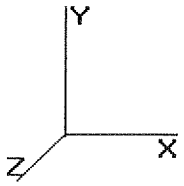
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

48.00	163.68	286.65	0.00	0.00
49.00	163.87	286.01	0.00	0.00
50.00	164.05	285.36	0.00	0.00
51.00	164.20	284.72	0.00	0.00
52.00	164.33	284.07	0.00	0.00
53.00	164.45	283.43	0.00	0.00
54.00	164.54	282.78	0.00	0.00
55.00	164.62	282.14	0.00	0.00
56.00	164.68	281.49	0.00	0.00
57.00	164.73	280.85	0.00	0.00
58.00	164.75	280.20	0.00	0.00
59.00	164.76	279.56	0.00	0.00
60.00	164.76	224.51	0.00	0.00
61.00	164.74	223.87	0.00	0.00
62.00	164.70	223.22	0.00	0.00
63.00	164.65	222.58	0.00	0.00
64.00	164.59	221.93	0.00	0.00
65.00	164.51	221.29	0.00	0.00
66.00	164.42	220.64	0.00	0.00
67.00	164.31	220.00	0.00	0.00
68.00	164.19	219.35	0.00	0.00
69.00	1,097.31	369.91	0.00	933.25
70.00	163.92	217.97	0.00	0.00
70.00	0.55	0.73	0.00	0.00
71.00	165.61	305.74	0.00	0.00
72.00	166.01	305.60	0.00	0.00
73.00	165.83	304.44	0.00	0.00
73.50	83.33	152.80	0.00	0.00
74.00	82.18	97.06	0.00	0.00
75.00	165.46	195.04	0.00	0.00
76.00	165.25	194.53	0.00	0.00
77.00	165.03	194.01	0.00	0.00
78.00	164.81	193.50	0.00	0.00
79.00	164.57	192.98	0.00	0.00
80.00	164.32	192.47	0.00	0.00
81.00	164.06	191.95	0.00	0.00
82.00	163.79	191.44	0.00	0.00
83.00	163.51	190.92	0.00	0.00
84.00	163.22	190.41	0.00	0.00
85.00	162.92	189.89	0.00	0.00
86.00	162.61	189.38	0.00	0.00
87.00	162.29	188.86	0.00	0.00
88.00	161.97	188.34	0.00	0.00
89.00	161.63	187.83	0.00	0.00
90.00	161.28	187.31	0.00	0.00
91.00	160.93	186.80	0.00	0.00
92.00	160.57	186.28	0.00	0.00
93.00	430.91	446.17	0.00	0.00
94.00	159.82	184.86	0.00	0.00
95.00	159.43	184.34	0.00	0.00
96.00	159.03	183.83	0.00	0.00
97.00	158.63	183.31	0.00	0.00
98.00	158.21	182.80	0.00	0.00
99.00	157.79	182.28	0.00	0.00
100.0	157.36	181.77	0.00	0.00
101.0	156.93	181.25	0.00	0.00
102.0	156.49	180.74	0.00	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 28
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



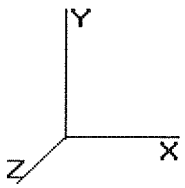
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

103.0		584.45	461.02	0.00	0.00
104.0		155.58	178.92	0.00	0.00
105.0		155.11	178.40	0.00	0.00
106.0		154.64	177.89	0.00	0.00
107.0		154.16	177.37	0.00	0.00
108.0		153.67	176.86	0.00	0.00
109.0		153.18	176.34	0.00	0.00
110.0		152.68	175.83	0.00	0.00
110.0		0.51	0.59	0.00	0.00
111.0		151.66	157.86	0.00	0.00
112.0		151.66	158.01	0.00	0.00
113.0		2,948.14	1,550.10	0.00	0.00
114.0		150.61	146.60	0.00	0.00
115.0		150.07	146.21	0.00	0.00
116.0		149.53	145.83	0.00	0.00
117.0		148.99	145.44	0.00	0.00
118.0		148.44	145.05	0.00	0.00
119.0		147.88	144.66	0.00	0.00
120.0		147.31	89.88	0.00	0.00
121.0		146.74	89.49	0.00	0.00
122.0		181.92	107.10	0.00	0.00
123.0		145.58	88.17	0.00	0.00
124.0		126.46	87.79	0.00	0.00
125.0		125.84	87.40	0.00	0.00
126.0		125.22	87.01	0.00	0.00
127.0		124.59	86.62	0.00	0.00
128.0		123.96	86.24	0.00	0.00
129.0		123.32	85.85	0.00	0.00
130.0		1,558.47	1,098.98	0.00	0.00
131.0		122.03	75.63	0.00	0.00
132.0		121.38	75.24	0.00	0.00
133.0		120.72	74.86	0.00	0.00
134.0		120.06	74.47	0.00	0.00
135.0		119.39	74.08	0.00	0.00
136.0		118.71	73.69	0.00	0.00
137.0		118.03	73.31	0.00	0.00
138.0		117.35	72.92	0.00	0.00
139.0		116.66	72.53	0.00	0.00
140.0		3,380.79	1,968.62	0.00	0.00
141.0		80.32	58.75	0.00	0.00
142.0		79.72	58.36	0.00	0.00
143.0		79.11	57.98	0.00	0.00
144.0		78.50	57.59	0.00	0.00
145.0		77.89	57.20	0.00	0.00
146.0		77.27	56.81	0.00	0.00
147.0		76.65	56.43	0.00	0.00
148.0		76.03	56.04	0.00	0.00
149.0		75.40	55.65	0.00	0.00
150.0		4,299.61	3,938.10	0.00	6,745.52
	Totals:	35,922.36	42,827.69	0.00	7,678.77

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:50 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 29
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



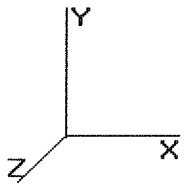
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-42.81	-35.94	0.00	-3,468.78	0.00	3,468.78	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.657
1.00	-42.43	-35.81	0.00	-3,432.84	0.00	3,432.84	3,125.28	1,562.64	4,743.31	2,342.54	0.01	-0.06	0.652
2.00	-42.05	-35.69	0.00	-3,397.02	0.00	3,397.02	3,116.86	1,558.43	4,710.21	2,326.20	0.02	-0.11	0.648
3.00	-41.62	-35.55	0.00	-3,361.34	0.00	3,361.34	3,108.40	1,554.20	4,677.16	2,309.87	0.05	-0.17	0.541
4.00	-41.19	-35.42	0.00	-3,325.79	0.00	3,325.79	3,099.89	1,549.95	4,644.15	2,293.57	0.09	-0.21	0.537
5.00	-40.76	-35.28	0.00	-3,290.37	0.00	3,290.37	3,091.35	1,545.67	4,611.19	2,277.30	0.14	-0.26	0.533
6.00	-40.33	-35.15	0.00	-3,255.09	0.00	3,255.09	3,082.76	1,541.38	4,578.29	2,261.04	0.20	-0.31	0.529
7.00	-39.90	-35.01	0.00	-3,219.94	0.00	3,219.94	3,074.13	1,537.07	4,545.43	2,244.82	0.27	-0.35	0.525
8.00	-39.47	-34.87	0.00	-3,184.94	0.00	3,184.94	3,065.46	1,532.73	4,512.63	2,228.62	0.35	-0.40	0.521
9.00	-39.05	-34.74	0.00	-3,150.06	0.00	3,150.06	3,056.75	1,528.37	4,479.87	2,212.44	0.44	-0.44	0.517
10.00	-38.62	-34.60	0.00	-3,115.33	0.00	3,115.33	3,047.99	1,524.00	4,447.17	2,196.29	0.54	-0.49	0.513
11.00	-38.20	-34.46	0.00	-3,080.73	0.00	3,080.73	3,039.20	1,519.60	4,414.53	2,180.17	0.65	-0.54	0.509
12.00	-37.77	-34.33	0.00	-3,046.27	0.00	3,046.27	3,030.36	1,515.18	4,381.94	2,164.07	0.77	-0.58	0.505
13.00	-37.35	-34.19	0.00	-3,011.94	0.00	3,011.94	3,021.48	1,510.74	4,349.40	2,148.01	0.89	-0.63	0.501
14.00	-36.93	-34.05	0.00	-2,977.75	0.00	2,977.75	3,012.56	1,506.28	4,316.92	2,131.97	1.03	-0.67	0.497
15.00	-36.51	-33.91	0.00	-2,943.70	0.00	2,943.70	3,003.60	1,501.80	4,284.50	2,115.95	1.18	-0.72	0.493
16.00	-36.09	-33.78	0.00	-2,909.79	0.00	2,909.79	2,994.60	1,497.30	4,252.13	2,099.97	1.33	-0.76	0.489
17.00	-35.68	-33.64	0.00	-2,876.01	0.00	2,876.01	2,985.55	1,492.78	4,219.83	2,084.01	1.50	-0.81	0.485
18.00	-35.26	-33.50	0.00	-2,842.37	0.00	2,842.37	2,976.47	1,488.23	4,187.58	2,068.09	1.67	-0.85	0.481
18.00	-35.26	-33.50	0.00	-2,842.37	0.00	2,842.37	2,976.47	1,488.23	4,187.58	2,068.09	1.67	-0.85	0.573
19.00	-34.90	-33.37	0.00	-2,808.87	0.00	2,808.87	2,967.34	1,483.67	4,155.39	2,052.19	1.86	-0.90	0.568
20.00	-34.54	-33.24	0.00	-2,775.51	0.00	2,775.51	2,958.17	1,479.08	4,123.27	2,036.33	2.05	-0.95	0.563
21.00	-34.19	-33.10	0.00	-2,742.27	0.00	2,742.27	2,948.96	1,474.48	4,091.20	2,020.49	2.26	-1.01	0.558
22.00	-33.83	-32.97	0.00	-2,709.16	0.00	2,709.16	2,939.70	1,469.85	4,059.20	2,004.69	2.47	-1.06	0.554
23.00	-33.48	-32.84	0.00	-2,676.19	0.00	2,676.19	2,930.41	1,465.20	4,027.26	1,988.91	2.70	-1.11	0.549
24.00	-33.12	-32.71	0.00	-2,643.35	0.00	2,643.35	2,921.07	1,460.54	3,995.39	1,973.17	2.94	-1.17	0.544
25.00	-32.77	-32.58	0.00	-2,610.64	0.00	2,610.64	2,911.70	1,455.85	3,963.58	1,957.46	3.19	-1.22	0.539
26.00	-32.42	-32.45	0.00	-2,578.07	0.00	2,578.07	2,902.28	1,451.14	3,931.84	1,941.79	3.45	-1.27	0.534
27.00	-32.07	-32.31	0.00	-2,545.62	0.00	2,545.62	2,892.81	1,446.41	3,900.17	1,926.14	3.73	-1.32	0.530
28.00	-31.72	-32.18	0.00	-2,513.31	0.00	2,513.31	2,883.31	1,441.66	3,868.56	1,910.54	4.01	-1.38	0.525
29.00	-31.37	-32.05	0.00	-2,481.13	0.00	2,481.13	2,873.77	1,436.88	3,837.02	1,894.96	4.30	-1.43	0.520
30.00	-31.03	-31.92	0.00	-2,449.08	0.00	2,449.08	2,864.18	1,432.09	3,805.55	1,879.42	4.61	-1.48	0.515
31.00	-30.69	-31.77	0.00	-2,417.16	0.00	2,417.16	2,854.56	1,427.28	3,774.15	1,863.91	4.93	-1.53	0.510
31.50	-30.51	-31.71	0.00	-2,401.17	0.00	2,401.17	2,849.69	1,424.85	3,758.37	1,856.12	5.09	-1.56	0.508
32.00	-30.27	-31.64	0.00	-2,385.42	0.00	2,385.42	2,844.89	1,422.44	3,742.82	1,848.44	5.25	-1.59	0.497
33.00	-29.79	-31.50	0.00	-2,353.78	0.00	2,353.78	2,833.37	1,416.69	3,709.20	1,831.83	5.59	-1.64	0.492
34.00	-29.32	-31.35	0.00	-2,322.28	0.00	2,322.28	2,819.42	1,409.71	3,672.56	1,813.74	5.94	-1.69	0.488
35.00	-28.85	-31.20	0.00	-2,290.93	0.00	2,290.93	2,805.48	1,402.74	3,636.10	1,795.73	6.30	-1.74	0.484
35.67	-28.54	-31.10	0.00	-2,270.02	0.00	2,270.02	2,236.04	1,118.02	2,957.95	1,460.82	6.54	-1.77	0.546
36.00	-28.42	-31.06	0.00	-2,259.76	0.00	2,259.76	2,233.84	1,116.92	2,950.23	1,457.01	6.67	-1.79	0.544
37.00	-28.11	-30.92	0.00	-2,228.70	0.00	2,228.70	2,227.15	1,113.58	2,926.88	1,445.48	7.05	-1.84	0.538
38.00	-27.79	-30.77	0.00	-2,197.78	0.00	2,197.78	2,220.42	1,110.21	2,903.56	1,433.96	7.44	-1.89	0.532
39.00	-27.48	-30.63	0.00	-2,167.00	0.00	2,167.00	2,213.65	1,106.83	2,880.28	1,422.46	7.84	-1.94	0.526
40.00	-27.16	-30.48	0.00	-2,136.38	0.00	2,136.38	2,206.84	1,103.42	2,857.02	1,410.98	8.25	-1.99	0.520
41.00	-26.85	-30.33	0.00	-2,105.90	0.00	2,105.90	2,199.98	1,099.99	2,833.81	1,399.51	8.68	-2.05	0.514
42.00	-26.54	-30.18	0.00	-2,075.56	0.00	2,075.56	2,193.09	1,096.54	2,810.63	1,388.06	9.11	-2.10	0.508
43.00	-26.23	-30.04	0.00	-2,045.38	0.00	2,045.38	2,186.15	1,093.07	2,787.48	1,376.63	9.56	-2.15	0.502
44.00	-25.92	-29.88	0.00	-2,015.34	0.00	2,015.34	2,179.17	1,089.58	2,764.38	1,365.22	10.01	-2.20	0.497
45.00	-25.61	-29.73	0.00	-1,985.46	0.00	1,985.46	2,172.15	1,086.07	2,741.31	1,353.83	10.48	-2.25	0.491
46.00	-25.31	-29.58	0.00	-1,955.73	0.00	1,955.73	2,165.08	1,082.54	2,718.28	1,342.46	10.96	-2.30	0.485
47.00	-25.00	-29.43	0.00	-1,926.15	0.00	1,926.15	2,157.98	1,078.99	2,695.29	1,331.10	11.44	-2.35	0.479

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 30
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

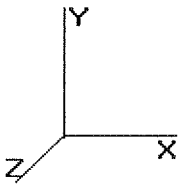


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

48.00	-24.69	-29.27	0.00	-1,896.72	0.00	1,896.72	2,150.84	1,075.42	2,672.35	1,319.77	11.94	-2.40	0.473
49.00	-24.39	-29.12	0.00	-1,867.45	0.00	1,867.45	2,143.65	1,071.82	2,649.44	1,308.46	12.45	-2.45	0.467
50.00	-24.09	-28.96	0.00	-1,838.33	0.00	1,838.33	2,136.42	1,068.21	2,626.58	1,297.17	12.97	-2.50	0.461
51.00	-23.79	-28.81	0.00	-1,809.37	0.00	1,809.37	2,129.15	1,064.57	2,603.76	1,285.90	13.50	-2.54	0.455
52.00	-23.49	-28.65	0.00	-1,780.56	0.00	1,780.56	2,121.84	1,060.92	2,580.99	1,274.65	14.04	-2.59	0.449
53.00	-23.19	-28.49	0.00	-1,751.92	0.00	1,751.92	2,114.48	1,057.24	2,558.26	1,263.43	14.58	-2.64	0.444
54.00	-22.89	-28.33	0.00	-1,723.43	0.00	1,723.43	2,107.09	1,053.54	2,535.57	1,252.22	15.14	-2.69	0.438
55.00	-22.59	-28.17	0.00	-1,695.09	0.00	1,695.09	2,099.65	1,049.82	2,512.93	1,241.04	15.71	-2.74	0.432
56.00	-22.29	-28.01	0.00	-1,666.92	0.00	1,666.92	2,092.17	1,046.09	2,490.35	1,229.89	16.29	-2.78	0.426
57.00	-22.00	-27.85	0.00	-1,638.91	0.00	1,638.91	2,084.65	1,042.33	2,467.80	1,218.76	16.88	-2.83	0.420
58.00	-21.71	-27.69	0.00	-1,611.05	0.00	1,611.05	2,077.09	1,038.54	2,445.31	1,207.65	17.48	-2.88	0.414
59.00	-21.41	-27.53	0.00	-1,583.36	0.00	1,583.36	2,069.49	1,034.74	2,422.87	1,196.56	18.08	-2.92	0.408
59.00	-21.41	-27.53	0.00	-1,583.36	0.00	1,583.36	2,069.49	1,034.74	2,422.87	1,196.56	18.08	-2.92	0.581
60.00	-21.17	-27.38	0.00	-1,555.83	0.00	1,555.83	2,061.84	1,030.92	2,400.48	1,185.51	18.70	-2.97	0.573
61.00	-20.92	-27.22	0.00	-1,528.46	0.00	1,528.46	2,054.15	1,027.08	2,378.14	1,174.47	19.33	-3.03	0.566
62.00	-20.68	-27.07	0.00	-1,501.24	0.00	1,501.24	2,046.43	1,023.21	2,355.85	1,163.47	19.97	-3.10	0.558
63.00	-20.44	-26.92	0.00	-1,474.17	0.00	1,474.17	2,038.66	1,019.33	2,333.61	1,152.48	20.63	-3.16	0.550
64.00	-20.19	-26.76	0.00	-1,447.25	0.00	1,447.25	2,030.85	1,015.42	2,311.43	1,141.53	21.30	-3.23	0.542
65.00	-19.95	-26.61	0.00	-1,420.49	0.00	1,420.49	2,022.99	1,011.50	2,289.31	1,130.60	21.98	-3.29	0.534
66.00	-19.71	-26.45	0.00	-1,393.89	0.00	1,393.89	2,015.10	1,007.55	2,267.24	1,119.70	22.68	-3.35	0.526
67.00	-19.48	-26.30	0.00	-1,367.44	0.00	1,367.44	2,007.16	1,003.58	2,245.22	1,108.83	23.39	-3.41	0.518
68.00	-19.24	-26.14	0.00	-1,341.14	0.00	1,341.14	1,999.18	999.59	2,223.27	1,097.99	24.11	-3.48	0.511
69.00	-18.91	-25.04	0.00	-1,314.07	0.00	1,314.07	1,991.17	995.58	2,201.37	1,087.17	24.84	-3.54	0.502
70.00	-18.69	-24.87	0.00	-1,289.03	0.00	1,289.03	1,983.10	991.55	2,179.53	1,076.39	25.59	-3.60	0.495
70.00	-18.68	-24.88	0.00	-1,288.95	0.00	1,288.95	1,983.08	991.54	2,179.46	1,076.35	25.59	-3.60	0.495
71.00	-18.36	-24.72	0.00	-1,264.15	0.00	1,264.15	1,973.67	986.83	2,156.29	1,064.91	26.35	-3.66	0.481
72.00	-18.04	-24.55	0.00	-1,239.43	0.00	1,239.43	1,962.03	981.01	2,130.78	1,052.31	27.12	-3.72	0.474
73.00	-17.72	-24.38	0.00	-1,214.88	0.00	1,214.88	1,950.39	975.19	2,105.42	1,039.79	27.91	-3.78	0.467
73.50	-17.57	-24.29	0.00	-1,202.61	0.00	1,202.61	1,462.66	731.33	1,612.14	796.18	28.31	-3.81	0.545
74.00	-17.45	-24.22	0.00	-1,190.54	0.00	1,190.54	1,460.16	730.08	1,604.66	792.48	28.71	-3.83	0.540
75.00	-17.25	-24.06	0.00	-1,166.32	0.00	1,166.32	1,455.09	727.55	1,589.60	785.05	29.51	-3.89	0.531
76.00	-17.04	-23.90	0.00	-1,142.26	0.00	1,142.26	1,449.99	724.99	1,574.57	777.62	30.34	-3.96	0.521
77.00	-16.83	-23.74	0.00	-1,118.37	0.00	1,118.37	1,444.84	722.42	1,559.56	770.21	31.17	-4.02	0.512
78.00	-16.63	-23.58	0.00	-1,094.63	0.00	1,094.63	1,439.65	719.82	1,544.57	762.81	32.02	-4.07	0.503
79.00	-16.42	-23.42	0.00	-1,071.05	0.00	1,071.05	1,434.42	717.21	1,529.61	755.42	32.88	-4.13	0.493
80.00	-16.22	-23.26	0.00	-1,047.63	0.00	1,047.63	1,429.14	714.57	1,514.67	748.04	33.75	-4.19	0.484
81.00	-16.02	-23.09	0.00	-1,024.38	0.00	1,024.38	1,423.83	711.91	1,499.76	740.67	34.63	-4.25	0.475
82.00	-15.81	-22.93	0.00	-1,001.28	0.00	1,001.28	1,418.47	709.24	1,484.87	733.32	35.53	-4.31	0.465
83.00	-15.61	-22.77	0.00	-978.35	0.00	978.35	1,413.07	706.54	1,470.00	725.98	36.44	-4.36	0.456
84.00	-15.41	-22.61	0.00	-955.58	0.00	955.58	1,407.64	703.82	1,455.17	718.65	37.36	-4.42	0.447
85.00	-15.22	-22.44	0.00	-932.98	0.00	932.98	1,402.15	701.08	1,440.36	711.34	38.29	-4.47	0.437
86.00	-15.02	-22.28	0.00	-910.54	0.00	910.54	1,396.63	698.32	1,425.58	704.04	39.23	-4.53	0.428
87.00	-14.82	-22.12	0.00	-888.25	0.00	888.25	1,391.07	695.53	1,410.84	696.76	40.18	-4.58	0.419
88.00	-14.63	-21.95	0.00	-866.14	0.00	866.14	1,385.46	692.73	1,396.12	689.49	41.15	-4.63	0.410
89.00	-14.44	-21.79	0.00	-844.18	0.00	844.18	1,379.82	689.91	1,381.43	682.24	42.12	-4.68	0.400
90.00	-14.24	-21.63	0.00	-822.39	0.00	822.39	1,374.13	687.06	1,366.78	675.00	43.11	-4.73	0.391
91.00	-14.05	-21.46	0.00	-800.76	0.00	800.76	1,368.40	684.20	1,352.16	667.78	44.11	-4.78	0.382
92.00	-13.86	-21.30	0.00	-779.30	0.00	779.30	1,362.62	681.31	1,337.57	660.58	45.11	-4.83	0.373
93.00	-13.44	-20.84	0.00	-758.00	0.00	758.00	1,356.81	678.41	1,323.02	653.39	46.13	-4.88	0.364
94.00	-13.25	-20.68	0.00	-737.15	0.00	737.15	1,350.95	675.48	1,308.50	646.22	47.16	-4.93	0.355
95.00	-13.06	-20.52	0.00	-716.47	0.00	716.47	1,345.06	672.53	1,294.02	639.07	48.19	-4.98	0.346
96.00	-12.88	-20.35	0.00	-695.96	0.00	695.96	1,339.12	669.56	1,279.58	631.94	49.24	-5.02	0.337
97.00	-12.69	-20.19	0.00	-675.61	0.00	675.61	1,333.14	666.57	1,265.17	624.82	50.30	-5.07	0.328
98.00	-12.51	-20.02	0.00	-655.42	0.00	655.42	1,327.12	663.56	1,250.81	617.73	51.36	-5.11	0.319
99.00	-12.33	-19.86	0.00	-635.39	0.00	635.39	1,321.05	660.53	1,236.48	610.65	52.44	-5.16	0.311
100.00	-12.14	-19.70	0.00	-615.53	0.00	615.53	1,314.95	657.47	1,222.19	603.60	53.52	-5.20	0.302
101.00	-11.96	-19.53	0.00	-595.84	0.00	595.84	1,308.80	654.40	1,207.95	596.56	54.62	-5.24	0.293

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 31
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				

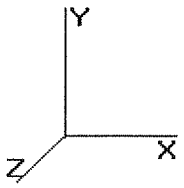


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

102.00	-11.78	-19.37	0.00	-576.31	0.00	576.31	1,302.62	651.31	1,193.75	589.55	55.72	-5.29	0.284
103.00	-11.37	-18.75	0.00	-556.94	0.00	556.94	1,296.39	648.19	1,179.59	582.55	56.83	-5.33	0.275
104.00	-11.19	-18.59	0.00	-538.19	0.00	538.19	1,290.11	645.06	1,165.47	575.58	57.95	-5.37	0.267
105.00	-11.01	-18.42	0.00	-519.60	0.00	519.60	1,283.80	641.90	1,151.40	568.63	59.08	-5.40	0.259
106.00	-10.84	-18.26	0.00	-501.18	0.00	501.18	1,277.45	638.72	1,137.37	561.70	60.21	-5.44	0.250
107.00	-10.67	-18.10	0.00	-482.92	0.00	482.92	1,271.05	635.53	1,123.39	554.80	61.35	-5.48	0.242
108.00	-10.49	-17.93	0.00	-464.82	0.00	464.82	1,264.61	632.31	1,109.46	547.92	62.50	-5.51	0.233
109.00	-10.32	-17.77	0.00	-446.89	0.00	446.89	1,256.49	628.25	1,094.14	540.35	63.66	-5.55	0.225
110.00	-10.16	-17.60	0.00	-429.12	0.00	429.12	1,247.19	623.60	1,077.91	532.34	64.83	-5.58	0.218
110.00	-10.15	-17.61	0.00	-429.06	0.00	429.06	1,247.16	623.58	1,077.86	532.31	64.83	-5.58	0.218
110.00	-10.15	-17.61	0.00	-429.06	0.00	429.06	849.80	424.90	738.78	364.86	64.83	-5.58	0.258
111.00	-10.00	-17.45	0.00	-411.51	0.00	411.51	846.28	423.14	730.22	360.63	66.00	-5.62	0.248
112.00	-9.85	-17.29	0.00	-394.07	0.00	394.07	842.69	421.35	721.63	356.39	67.18	-5.65	0.238
113.00	-8.59	-14.20	0.00	-376.78	0.00	376.78	839.07	419.54	713.06	352.15	68.36	-5.68	0.227
114.00	-8.45	-14.04	0.00	-362.58	0.00	362.58	835.41	417.70	704.50	347.92	69.56	-5.72	0.219
115.00	-8.31	-13.88	0.00	-348.53	0.00	348.53	831.70	415.85	695.95	343.70	70.76	-5.75	0.211
116.00	-8.17	-13.72	0.00	-334.65	0.00	334.65	827.95	413.98	687.42	339.49	71.96	-5.78	0.202
117.00	-8.04	-13.57	0.00	-320.92	0.00	320.92	824.16	412.08	678.90	335.28	73.17	-5.81	0.194
118.00	-7.90	-13.41	0.00	-307.36	0.00	307.36	820.33	410.17	670.39	331.08	74.39	-5.84	0.186
119.00	-7.77	-13.25	0.00	-293.95	0.00	293.95	816.46	408.23	661.91	326.89	75.62	-5.86	0.179
119.00	-7.77	-13.25	0.00	-293.95	0.00	293.95	816.46	408.23	661.91	326.89	75.62	-5.86	0.910
120.00	-7.67	-13.10	0.00	-280.70	0.00	280.70	812.54	406.27	653.43	322.71	76.85	-5.89	0.880
121.00	-7.57	-12.97	0.00	-267.60	0.00	267.60	808.59	404.29	644.98	318.53	78.09	-6.03	0.850
122.00	-7.45	-12.79	0.00	-254.63	0.00	254.63	804.59	402.30	636.55	314.37	79.37	-6.16	0.820
123.00	-7.35	-12.65	0.00	-241.84	0.00	241.84	800.55	400.28	628.13	310.21	80.67	-6.29	0.790
124.00	-7.25	-12.53	0.00	-229.18	0.00	229.18	796.47	398.24	619.74	306.07	82.00	-6.41	0.759
125.00	-7.15	-12.41	0.00	-216.65	0.00	216.65	792.35	396.17	611.37	301.93	83.35	-6.54	0.728
126.00	-7.06	-12.29	0.00	-204.24	0.00	204.24	788.19	394.09	603.01	297.81	84.73	-6.65	0.696
127.00	-6.96	-12.17	0.00	-191.94	0.00	191.94	783.98	391.99	594.69	293.69	86.13	-6.77	0.663
128.00	-6.87	-12.05	0.00	-179.77	0.00	179.77	779.73	389.87	586.38	289.59	87.56	-6.88	0.631
129.00	-6.78	-11.93	0.00	-167.71	0.00	167.71	775.44	387.72	578.10	285.50	89.01	-6.98	0.597
130.00	-5.86	-10.26	0.00	-155.78	0.00	155.78	771.11	385.56	569.85	281.43	90.48	-7.08	0.562
131.00	-5.78	-10.14	0.00	-145.52	0.00	145.52	766.74	383.37	561.62	277.36	91.97	-7.18	0.533
132.00	-5.71	-10.02	0.00	-135.38	0.00	135.38	762.33	381.16	553.41	273.31	93.48	-7.27	0.504
133.00	-5.63	-9.90	0.00	-125.36	0.00	125.36	757.87	378.94	545.24	269.27	95.01	-7.36	0.474
134.00	-5.56	-9.78	0.00	-115.46	0.00	115.46	753.38	376.69	537.09	265.25	96.56	-7.44	0.443
135.00	-5.49	-9.66	0.00	-105.68	0.00	105.68	748.84	374.42	528.98	261.24	98.12	-7.52	0.413
136.00	-5.42	-9.54	0.00	-96.02	0.00	96.02	744.26	372.13	520.89	257.25	99.70	-7.59	0.381
137.00	-5.35	-9.42	0.00	-86.49	0.00	86.49	739.64	369.82	512.83	253.27	101.29	-7.66	0.349
138.00	-5.29	-9.30	0.00	-77.07	0.00	77.07	734.98	367.49	504.81	249.31	102.90	-7.72	0.317
139.00	-5.22	-9.18	0.00	-67.77	0.00	67.77	730.27	365.14	496.82	245.36	104.52	-7.78	0.284
140.00	-3.73	-5.56	0.00	-58.60	0.00	58.60	725.52	362.76	488.86	241.43	106.15	-7.83	0.248
141.00	-3.68	-5.48	0.00	-53.04	0.00	53.04	720.74	360.37	480.93	237.51	107.79	-7.88	0.229
142.00	-3.63	-5.39	0.00	-47.56	0.00	47.56	715.91	357.95	473.04	233.62	109.44	-7.92	0.209
143.00	-3.58	-5.31	0.00	-42.17	0.00	42.17	709.92	354.96	464.46	229.38	111.10	-7.96	0.189
144.00	-3.53	-5.23	0.00	-36.86	0.00	36.86	702.92	351.46	455.30	224.86	112.76	-8.00	0.169
145.00	-3.48	-5.14	0.00	-31.63	0.00	31.63	695.93	347.97	446.23	220.38	114.44	-8.03	0.149
146.00	-3.43	-5.06	0.00	-26.49	0.00	26.49	688.94	344.47	437.26	215.95	116.12	-8.06	0.128
147.00	-3.38	-4.98	0.00	-21.43	0.00	21.43	681.95	340.97	428.38	211.56	117.80	-8.08	0.106
148.00	-3.34	-4.89	0.00	-16.45	0.00	16.45	674.96	337.48	419.58	207.22	119.49	-8.10	0.085
149.00	-3.29	-4.81	0.00	-11.56	0.00	11.56	667.96	333.98	410.88	202.92	121.19	-8.12	0.062
150.00	0.00	-4.30	0.00	-6.75	0.00	6.75	660.97	330.49	402.27	198.67	122.88	-8.13	0.034

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 32
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

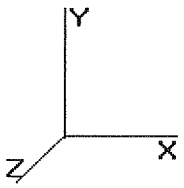
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

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)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	20.599	22.65	296.79	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	20.599	22.65	295.55	1.200 *	0.000	1.00	3.218	3.86	140.0	0.0	245.4
2.00	Reinf Bottom Reinf	1.00	0.70	20.599	22.65	294.30	1.200 *	0.000	1.00	3.205	3.85	139.4	0.0	244.8
3.00		1.00	0.70	20.599	22.65	293.06	1.200 *	0.000	1.00	3.191	3.83	138.8	0.0	305.4
4.00		1.00	0.70	20.599	22.65	291.81	1.200 *	0.000	1.00	3.178	3.81	138.2	0.0	304.9
5.00		1.00	0.70	20.599	22.65	290.57	1.200 *	0.000	1.00	3.164	3.80	137.7	0.0	304.3
6.00		1.00	0.70	20.599	22.65	289.32	1.200 *	0.000	1.00	3.151	3.78	137.1	0.0	303.7
7.00		1.00	0.70	20.599	22.65	288.08	1.200 *	0.000	1.00	3.137	3.76	136.5	0.0	303.1
8.00		1.00	0.70	20.599	22.65	286.84	1.200 *	0.000	1.00	3.123	3.75	135.9	0.0	302.5
9.00		1.00	0.70	20.599	22.65	285.59	1.200 *	0.000	1.00	3.110	3.73	135.3	0.0	302.0
10.00		1.00	0.70	20.599	22.65	284.35	1.200 *	0.000	1.00	3.096	3.72	134.7	0.0	301.4
11.00		1.00	0.70	20.599	22.65	283.10	1.200 *	0.000	1.00	3.083	3.70	134.1	0.0	300.8
12.00		1.00	0.70	20.599	22.65	281.86	1.200 *	0.000	1.00	3.069	3.68	133.5	0.0	300.2
13.00		1.00	0.70	20.599	22.65	280.62	1.200 *	0.000	1.00	3.056	3.67	132.9	0.0	299.6
14.00		1.00	0.70	20.599	22.65	279.37	1.200 *	0.000	1.00	3.042	3.65	132.4	0.0	299.1
15.00		1.00	0.70	20.599	22.65	278.13	1.200 *	0.000	1.00	3.029	3.63	131.8	0.0	298.5
16.00		1.00	0.70	20.599	22.65	276.88	1.200 *	0.000	1.00	3.015	3.62	131.2	0.0	297.9
17.00		1.00	0.70	20.599	22.65	275.64	1.200 *	0.000	1.00	3.002	3.60	130.6	0.0	297.3
18.00	Reinf. Top Reinf. Top	1.00	0.70	20.599	22.65	274.39	1.200 *	0.000	1.00	2.988	3.59	130.0	0.0	296.7
19.00		1.00	0.70	20.599	22.65	273.15	1.200 *	0.000	1.00	2.975	3.57	129.4	0.0	234.9
20.00		1.00	0.70	20.599	22.65	271.91	1.200 *	0.000	1.00	2.961	3.55	128.8	0.0	234.3
21.00		1.00	0.70	20.599	22.65	270.66	1.200 *	0.000	1.00	2.948	3.54	128.2	0.0	233.8
22.00		1.00	0.70	20.599	22.65	269.42	1.200 *	0.000	1.00	2.934	3.52	127.7	0.0	233.2
23.00		1.00	0.70	20.599	22.65	268.17	1.200 *	0.000	1.00	2.921	3.50	127.1	0.0	232.6
24.00		1.00	0.70	20.599	22.65	266.93	1.200 *	0.000	1.00	2.907	3.49	126.5	0.0	232.0
25.00		1.00	0.70	20.599	22.65	265.69	1.200 *	0.000	1.00	2.894	3.47	125.9	0.0	231.4
26.00		1.00	0.70	20.599	22.65	264.44	1.200 *	0.000	1.00	2.880	3.46	125.3	0.0	230.9
27.00		1.00	0.70	20.599	22.65	263.20	1.200 *	0.000	1.00	2.867	3.44	124.7	0.0	230.3
28.00		1.00	0.70	20.599	22.65	261.95	1.200 *	0.000	1.00	2.853	3.42	124.1	0.0	229.7
29.00		1.00	0.70	20.599	22.65	260.71	1.200 *	0.000	1.00	2.840	3.41	123.5	0.0	229.1
30.00		1.00	0.70	20.616	22.67	259.57	1.200 *	0.000	1.00	2.826	3.39	123.1	0.0	228.5
31.00		1.00	0.70	20.810	22.89	259.54	1.200 *	0.000	1.00	2.813	3.38	123.6	0.0	228.0
31.50	Bot - Section 2	1.00	0.71	20.906	22.99	259.51	1.200 *	0.000	0.50	1.411	1.69	62.3	0.0	114.5
32.00		1.00	0.71	21.000	23.10	259.47	1.200 *	0.000	0.50	1.415	1.70	62.8	0.0	163.0
33.00		1.00	0.72	21.186	23.30	259.35	1.200 *	0.000	1.00	2.840	3.41	127.1	0.0	327.4
34.00		1.00	0.72	21.367	23.50	259.19	1.200 *	0.000	1.00	2.826	3.39	127.5	0.0	326.4
35.00		1.00	0.73	21.545	23.69	258.99	1.200 *	0.000	1.00	2.812	3.37	128.0	0.0	325.3
35.67	Top - Section 1	1.00	0.73	21.662	23.82	258.84	1.200 *	0.000	0.67	1.877	2.25	85.9	0.0	217.4
36.00		1.00	0.73	21.719	23.89	263.86	1.200 *	0.000	0.33	0.922	1.11	42.3	0.0	68.6
37.00		1.00	0.74	21.890	24.07	263.61	1.200 *	0.000	1.00	2.785	3.34	128.8	0.0	207.5
38.00		1.00	0.75	22.057	24.26	263.33	1.200 *	0.000	1.00	2.772	3.33	129.1	0.0	207.0
39.00		1.00	0.75	22.221	24.44	263.02	1.200 *	0.000	1.00	2.758	3.31	129.5	0.0	206.5
40.00		1.00	0.76	22.383	24.62	262.68	1.200 *	0.000	1.00	2.745	3.29	129.8	0.0	206.0
41.00		1.00	0.76	22.541	24.79	262.30	1.200 *	0.000	1.00	2.731	3.28	130.0	0.0	205.6
42.00		1.00	0.77	22.697	24.96	261.90	1.200 *	0.000	1.00	2.718	3.26	130.3	0.0	205.1
43.00		1.00	0.77	22.850	25.13	261.47	1.200 *	0.000	1.00	2.704	3.25	130.5	0.0	204.6
44.00		1.00	0.78	23.000	25.30	261.02	1.200 *	0.000	1.00	2.691	3.23	130.7	0.0	204.1
45.00		1.00	0.78	23.149	25.46	260.54	1.200 *	0.000	1.00	2.677	3.21	130.9	0.0	203.6
46.00		1.00	0.79	23.294	25.62	260.03	1.200 *	0.000	1.00	2.664	3.20	131.1	0.0	203.1
47.00		1.00	0.79	23.438	25.78	259.51	1.200 *	0.000	1.00	2.650	3.18	131.2	0.0	202.7
48.00		1.00	0.80	23.579	25.93	258.96	1.200 *	0.000	1.00	2.637	3.16	131.3	0.0	202.2

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 33
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



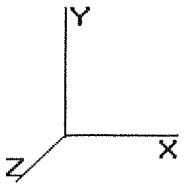
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

49.00		1.00	0.80	23.719	26.09	258.39	1.200 *	0.000	1.00	2.623	3.15	131.4	0.0	201.7
50.00		1.00	0.81	23.856	26.24	257.80	1.200 *	0.000	1.00	2.610	3.13	131.5	0.0	201.2
51.00		1.00	0.81	23.991	26.39	257.18	1.200 *	0.000	1.00	2.596	3.12	131.5	0.0	200.7
52.00		1.00	0.82	24.125	26.53	256.55	1.200 *	0.000	1.00	2.583	3.10	131.6	0.0	200.2
53.00		1.00	0.82	24.257	26.68	255.90	1.200 *	0.000	1.00	2.569	3.08	131.6	0.0	199.7
54.00		1.00	0.82	24.386	26.82	255.23	1.200 *	0.000	1.00	2.556	3.07	131.6	0.0	199.3
55.00		1.00	0.83	24.515	26.96	254.54	1.200 *	0.000	1.00	2.542	3.05	131.6	0.0	198.8
56.00		1.00	0.83	24.641	27.10	253.84	1.200 *	0.000	1.00	2.529	3.03	131.6	0.0	198.3
57.00		1.00	0.84	24.766	27.24	253.12	1.200 *	0.000	1.00	2.515	3.02	131.6	0.0	197.8
58.00		1.00	0.84	24.889	27.37	252.38	1.200 *	0.000	1.00	2.502	3.00	131.5	0.0	197.3
59.00	Reinf. Top	1.00	0.85	25.011	27.51	251.62	1.200 *	0.000	1.00	2.488	2.99	131.4	0.0	196.8
60.00		1.00	0.85	25.132	27.64	250.86	1.200 *	0.000	1.00	2.475	2.97	131.3	0.0	142.0
61.00		1.00	0.85	25.251	27.77	250.07	1.200 *	0.000	1.00	2.461	2.95	131.2	0.0	141.5
62.00		1.00	0.86	25.368	27.90	249.27	1.200 *	0.000	1.00	2.447	2.94	131.1	0.0	141.0
63.00		1.00	0.86	25.485	28.03	248.46	1.200 *	0.000	1.00	2.434	2.92	131.0	0.0	140.5
64.00		1.00	0.87	25.599	28.15	247.63	1.200 *	0.000	1.00	2.420	2.90	130.9	0.0	140.0
65.00		1.00	0.87	25.713	28.28	246.79	1.200 *	0.000	1.00	2.407	2.89	130.7	0.0	139.5
66.00		1.00	0.87	25.825	28.40	245.94	1.200 *	0.000	1.00	2.393	2.87	130.5	0.0	139.1
67.00		1.00	0.88	25.937	28.53	245.07	1.200 *	0.000	1.00	2.380	2.86	130.4	0.0	138.6
68.00		1.00	0.88	26.047	28.65	244.19	1.200 *	0.000	1.00	2.366	2.84	130.2	0.0	138.1
69.00	Appertunance(s)	1.00	0.88	26.156	28.77	243.30	1.200 *	0.000	1.00	2.353	2.82	130.0	0.0	137.6
70.00		1.00	0.89	26.263	28.89	242.39	1.200 *	0.000	1.00	2.339	2.81	129.8	0.0	137.1
70.00	Bot - Section 3	1.00	0.89	26.264	28.89	242.39	1.200 *	0.000	0.00	0.008	0.01	0.4	0.0	0.5
71.00		1.00	0.89	26.370	29.00	241.48	1.200 *	0.000	1.00	2.361	2.83	131.5	0.0	203.0
72.00		1.00	0.90	26.476	29.12	240.55	1.200 *	0.000	1.00	2.355	2.83	131.7	0.0	202.9
73.00		1.00	0.90	26.580	29.23	239.61	1.200 *	0.000	1.00	2.342	2.81	131.5	0.0	202.0
73.50	Top - Section 2	1.00	0.90	26.632	29.29	239.13	1.200 *	0.000	0.50	1.174	1.41	66.0	0.0	101.3
74.00		1.00	0.90	26.684	29.35	243.18	1.200 *	0.000	0.50	1.155	1.39	65.1	0.0	59.7
75.00		1.00	0.91	26.786	29.46	242.23	1.200 *	0.000	1.00	2.315	2.78	131.0	0.0	119.9
76.00		1.00	0.91	26.888	29.57	241.26	1.200 *	0.000	1.00	2.301	2.76	130.7	0.0	119.5
77.00		1.00	0.91	26.988	29.68	240.29	1.200 *	0.000	1.00	2.288	2.75	130.4	0.0	119.2
78.00		1.00	0.92	27.088	29.79	239.31	1.200 *	0.000	1.00	2.274	2.73	130.1	0.0	118.8
79.00		1.00	0.92	27.187	29.90	238.31	1.200 *	0.000	1.00	2.261	2.71	129.8	0.0	118.4
80.00		1.00	0.92	27.285	30.01	237.31	1.200 *	0.000	1.00	2.247	2.70	129.5	0.0	118.0
81.00		1.00	0.93	27.382	30.12	236.30	1.200 *	0.000	1.00	2.234	2.68	129.2	0.0	117.6
82.00		1.00	0.93	27.478	30.22	235.27	1.200 *	0.000	1.00	2.220	2.66	128.8	0.0	117.2
83.00		1.00	0.93	27.573	30.33	234.24	1.200 *	0.000	1.00	2.207	2.65	128.5	0.0	116.8
84.00		1.00	0.94	27.668	30.43	233.20	1.200 *	0.000	1.00	2.193	2.63	128.2	0.0	116.5
85.00		1.00	0.94	27.761	30.53	232.15	1.200 *	0.000	1.00	2.180	2.62	127.8	0.0	116.1
86.00		1.00	0.94	27.854	30.64	231.09	1.200 *	0.000	1.00	2.166	2.60	127.4	0.0	115.7
87.00		1.00	0.95	27.946	30.74	230.03	1.200 *	0.000	1.00	2.153	2.58	127.1	0.0	115.3
88.00		1.00	0.95	28.038	30.84	228.95	1.200 *	0.000	1.00	2.139	2.57	126.7	0.0	114.9
89.00		1.00	0.95	28.129	30.94	227.87	1.200 *	0.000	1.00	2.126	2.55	126.3	0.0	114.5
90.00		1.00	0.95	28.219	31.04	226.77	1.200 *	0.000	1.00	2.112	2.53	125.9	0.0	114.1
91.00		1.00	0.96	28.308	31.13	225.67	1.200 *	0.000	1.00	2.099	2.52	125.5	0.0	113.8
92.00		1.00	0.96	28.396	31.23	224.57	1.200 *	0.000	1.00	2.085	2.50	125.0	0.0	113.4
93.00	Appertunance(s)	1.00	0.96	28.484	31.33	223.45	1.200 *	0.000	1.00	2.072	2.49	124.6	0.0	113.0
94.00		1.00	0.97	28.571	31.42	222.33	1.200 *	0.000	1.00	2.058	2.47	124.2	0.0	112.6
95.00		1.00	0.97	28.658	31.52	221.20	1.200 *	0.000	1.00	2.044	2.45	123.7	0.0	112.2
96.00		1.00	0.97	28.744	31.61	220.06	1.200 *	0.000	1.00	2.031	2.44	123.3	0.0	111.8
97.00		1.00	0.98	28.829	31.71	218.91	1.200 *	0.000	1.00	2.017	2.42	122.8	0.0	111.4
98.00		1.00	0.98	28.913	31.80	217.76	1.200 *	0.000	1.00	2.004	2.40	122.4	0.0	111.0
99.00		1.00	0.98	28.997	31.89	216.60	1.200 *	0.000	1.00	1.990	2.39	121.9	0.0	110.7
100.0		1.00	0.98	29.081	31.98	215.43	1.200 *	0.000	1.00	1.977	2.37	121.4	0.0	110.3
101.0		1.00	0.99	29.164	32.08	214.26	1.200 *	0.000	1.00	1.963	2.36	120.9	0.0	109.9
102.0		1.00	0.99	29.246	32.17	213.08	1.200 *	0.000	1.00	1.950	2.34	120.4	0.0	109.5
103.0	Appertunance(s)	1.00	0.99	29.328	32.26	211.89	1.200 *	0.000	1.00	1.936	2.32	119.9	0.0	109.1

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 34
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



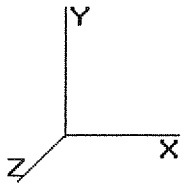
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

104.0		1.00	0.99	29.409	32.34	210.69	1.200	* 0.000	1.00	1.923	2.31	119.4	0.0	108.7
105.0		1.00	1.00	29.489	32.43	209.49	1.200	* 0.000	1.00	1.909	2.29	118.9	0.0	108.3
106.0		1.00	1.00	29.569	32.52	208.29	1.200	* 0.000	1.00	1.896	2.27	118.4	0.0	108.0
107.0		1.00	1.00	29.649	32.61	207.07	1.200	* 0.000	1.00	1.882	2.26	117.9	0.0	107.6
108.0		1.00	1.01	29.727	32.70	205.86	1.200	* 0.000	1.00	1.869	2.24	117.3	0.0	107.2
109.0		1.00	1.01	29.806	32.78	204.63	1.200	* 0.000	1.00	1.855	2.23	116.8	0.0	106.8
110.0		1.00	1.01	29.884	32.87	203.40	1.200	* 0.000	1.00	1.842	2.21	116.2	0.0	106.4
110.0	Top - Section 3	1.00	1.01	29.884	32.87	203.39	1.200	* 0.000	0.00	0.006	0.01	0.4	0.0	0.4
111.0		1.00	1.01	29.961	32.95	202.16	1.200	* 0.000	1.00	1.822	2.19	115.3	0.0	93.0
112.0		1.00	1.02	30.038	33.04	200.92	1.200	* 0.000	1.00	1.815	2.18	115.1	0.0	93.0
113.0	Appertunance(s)	1.00	1.02	30.114	33.12	199.67	1.200	* 0.000	1.00	1.801	2.16	114.6	0.0	92.8
114.0		1.00	1.02	30.190	33.20	198.41	1.200	* 0.000	1.00	1.788	2.15	114.0	0.0	92.5
115.0		1.00	1.02	30.266	33.29	197.15	1.200	* 0.000	1.00	1.774	2.13	113.4	0.0	92.2
116.0		1.00	1.03	30.341	33.37	195.89	1.200	* 0.000	1.00	1.761	2.11	112.8	0.0	91.9
117.0		1.00	1.03	30.415	33.45	194.62	1.200	* 0.000	1.00	1.747	2.10	112.2	0.0	91.6
118.0		1.00	1.03	30.489	33.53	193.34	1.200	* 0.000	1.00	1.734	2.08	111.6	0.0	91.3
119.0	Reinf. Top	1.00	1.03	30.563	33.61	192.06	1.200	* 0.000	1.00	1.720	2.06	111.0	0.0	91.0
120.0		1.00	1.04	30.636	33.69	190.77	1.200	* 0.000	1.00	1.707	2.05	110.4	0.0	36.3
121.0		1.00	1.04	30.709	33.77	189.48	1.200	* 0.000	1.00	1.693	2.03	109.8	0.0	36.0
122.0	Appertunance(s)	1.00	1.04	30.781	33.85	188.18	1.200	* 0.000	1.00	1.679	2.02	109.2	0.0	35.7
123.0		1.00	1.04	30.853	33.93	186.88	1.200	* 0.000	1.00	1.666	2.00	108.6	0.0	35.5
124.0		1.00	1.05	30.924	34.01	185.57	1.200	* 0.000	1.00	1.652	1.98	107.9	0.0	35.2
125.0		1.00	1.05	30.995	34.09	184.25	1.200	* 0.000	1.00	1.639	1.97	107.3	0.0	34.9
126.0		1.00	1.05	31.066	34.17	182.94	1.200	* 0.000	1.00	1.625	1.95	106.6	0.0	34.6
127.0		1.00	1.05	31.136	34.25	181.61	1.200	* 0.000	1.00	1.612	1.93	106.0	0.0	34.3
128.0		1.00	1.06	31.206	34.32	180.29	1.200	* 0.000	1.00	1.598	1.92	105.3	0.0	34.0
129.0		1.00	1.06	31.276	34.40	178.95	1.200	* 0.000	1.00	1.585	1.90	104.7	0.0	33.7
130.0	Appertunance(s)	1.00	1.06	31.345	34.47	177.62	1.200	* 0.000	1.00	1.571	1.89	104.0	0.0	33.4
131.0		1.00	1.06	31.413	34.55	176.27	1.200	* 0.000	1.00	1.558	1.87	103.4	0.0	33.1
132.0		1.00	1.07	31.482	34.63	174.93	1.200	* 0.000	1.00	1.544	1.85	102.7	0.0	32.8
133.0		1.00	1.07	31.550	34.70	173.58	1.200	* 0.000	1.00	1.531	1.84	102.0	0.0	32.5
134.0		1.00	1.07	31.617	34.77	172.22	1.200	* 0.000	1.00	1.517	1.82	101.3	0.0	32.3
135.0		1.00	1.07	31.684	34.85	170.86	1.200	* 0.000	1.00	1.504	1.80	100.6	0.0	32.0
136.0		1.00	1.07	31.751	34.92	169.50	1.200	* 0.000	1.00	1.490	1.79	99.9	0.0	31.7
137.0		1.00	1.08	31.818	35.00	168.13	1.200	* 0.000	1.00	1.477	1.77	99.2	0.0	31.4
138.0		1.00	1.08	31.884	35.07	166.75	1.200	* 0.000	1.00	1.463	1.76	98.5	0.0	31.1
139.0		1.00	1.08	31.950	35.14	165.38	1.200	* 0.000	1.00	1.450	1.74	97.8	0.0	30.8
140.0	Appertunance(s)	1.00	1.08	32.015	35.21	163.99	1.200	* 0.000	1.00	1.436	1.72	97.1	0.0	30.5
141.0		1.00	1.09	32.081	35.28	162.61	1.000	0.000	1.00	1.423	1.42	80.3	0.0	30.2
142.0		1.00	1.09	32.145	35.36	161.22	1.000	0.000	1.00	1.409	1.41	79.7	0.0	29.9
143.0		1.00	1.09	32.210	35.43	159.83	1.000	0.000	1.00	1.396	1.40	79.1	0.0	29.6
144.0		1.00	1.09	32.274	35.50	158.43	1.000	0.000	1.00	1.382	1.38	78.5	0.0	29.4
145.0		1.00	1.09	32.338	35.57	157.02	1.000	0.000	1.00	1.369	1.37	77.9	0.0	29.1
146.0		1.00	1.10	32.402	35.64	155.62	1.000	0.000	1.00	1.355	1.36	77.3	0.0	28.8
147.0		1.00	1.10	32.465	35.71	154.21	1.000	0.000	1.00	1.341	1.34	76.7	0.0	28.5
148.0		1.00	1.10	32.528	35.78	152.79	1.000	0.000	1.00	1.328	1.33	76.0	0.0	28.2
149.0		1.00	1.10	32.590	35.84	151.38	1.000	0.000	1.00	1.314	1.31	75.4	0.0	27.9
150.0	Appertunance(s)	1.00	1.11	32.653	35.91	149.95	1.000	0.000	1.00	1.301	1.30	74.8	0.0	27.6
* = Cf Adjusted By Linear Load Ra Effect						Totals:		150.00				18,134.1	0.0	22,707.9

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 35
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

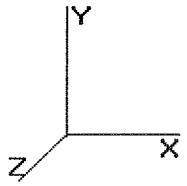
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
69.00	Channel Master Type	1	26.263	28.890	1.00	1.00	20.19	0.000	1.000	933.25	0.00	933.25	113.40
93.00	Decibel DB408	1	28.484	31.333	1.00	1.00	2.90	0.000	0.000	145.38	0.00	0.00	15.30
93.00	Standoff	1	28.484	31.333	1.00	1.00	2.50	0.000	0.000	125.33	0.00	0.00	180.00
103.0	Decibel DB408	2	29.328	32.260	1.00	1.00	5.80	0.000	0.000	299.38	0.00	0.00	30.60
103.0	Standoff	1	29.328	32.260	1.00	1.00	2.50	0.000	0.000	129.04	0.00	0.00	180.00
113.0	Antel BXA-171063-8CF	2	30.114	33.126	0.71	0.80	3.32	0.000	0.000	175.81	0.00	0.00	16.56
113.0	Commscope SBNHH-	3	30.114	33.126	0.69	0.80	13.53	0.000	0.000	717.08	0.00	0.00	136.89
113.0	RFS APL868013-42T0	4	30.114	33.126	0.73	0.80	8.43	0.000	0.000	446.96	0.00	0.00	22.68
113.0	RFS APL868013-42T0	2	30.114	33.126	0.73	0.80	4.22	0.000	0.000	223.48	0.00	0.00	11.34
113.0	RFS FD9R6004/2C-3L	6	30.114	33.126	0.50	0.80	0.89	0.000	0.000	47.07	0.00	0.00	14.04
113.0	Round T-Arm	3	30.114	33.126	0.67	0.75	14.62	0.000	0.000	775.01	0.00	0.00	675.00
113.0	Alcatel-Lucent RRH2x	3	30.114	33.126	0.50	0.80	2.26	0.000	0.000	119.57	0.00	0.00	118.80
113.0	Antel BXA-171085-8CF	1	30.114	33.126	0.71	0.80	1.67	0.000	0.000	88.51	0.00	0.00	9.45
113.0	RFS DB-T1-6Z-8AB-0Z	1	30.114	33.126	1.00	0.80	3.84	0.000	0.000	203.52	0.00	0.00	39.60
122.0	SWR FMEC/1	1	30.781	33.859	1.00	1.00	0.66	0.000	0.000	35.76	0.00	0.00	13.50
130.0	12" x 12" Junction B	1	31.345	34.479	0.50	0.80	0.48	0.000	0.000	26.48	0.00	0.00	9.00
130.0	Argus LLPX310R	3	31.345	34.479	0.63	0.80	6.49	0.000	0.000	357.84	0.00	0.00	77.22
130.0	Clearwire Mount	1	31.345	34.479	1.00	1.00	8.50	0.000	0.000	468.92	0.00	0.00	504.00
130.0	DragonWave A-ANT-	1	31.345	34.479	1.00	0.80	6.74	0.000	0.000	372.04	0.00	0.00	42.84
130.0	DragonWave A-ANT-	1	31.345	34.479	1.00	0.80	1.29	0.000	0.000	71.05	0.00	0.00	13.50
130.0	DragonWave Horizon	2	31.345	34.479	0.50	0.80	0.34	0.000	0.000	18.98	0.00	0.00	19.08
130.0	NextNet BTS-2500	3	31.345	34.479	0.50	0.80	2.18	0.000	0.000	120.48	0.00	0.00	94.50
140.0	Ericsson AIR 21, 1.3	3	32.015	35.217	0.71	0.80	10.31	0.000	0.000	580.89	0.00	0.00	224.10
140.0	Ericsson AIR 21, 1.3	3	32.015	35.217	0.70	0.80	10.23	0.000	0.000	576.50	0.00	0.00	220.05
140.0	Ericsson KRY 112 144	3	32.015	35.217	0.50	0.80	0.49	0.000	0.000	27.72	0.00	0.00	29.70
140.0	Round T-Arm	3	32.015	35.217	0.67	0.75	14.62	0.000	0.000	823.94	0.00	0.00	675.00
140.0	Ericsson RRUS 11 (Ba	3	32.015	35.217	0.50	0.80	3.08	0.000	0.000	173.77	0.00	0.00	135.00
140.0	Andrew LNX-6515DS-	3	32.015	35.217	0.70	0.80	19.20	0.000	0.000	1,082.00	0.00	0.00	138.51
150.0	4' Omni	1	33.201	36.521	1.00	0.75	0.75	0.000	9.000	43.83	0.00	394.43	9.00
150.0	Decibel DB408	2	32.942	36.236	1.00	0.75	4.35	0.000	4.700	252.20	0.00	1,185.35	30.60
150.0	Diplexer / Coupler	3	32.838	36.122	0.50	0.75	0.79	0.000	3.000	45.51	0.00	136.54	13.50
150.0	Ericsson RRUS 11 (Ba	6	32.838	36.122	0.50	0.75	5.67	0.000	3.000	327.70	0.00	983.09	297.00
150.0	GPS	1	32.653	35.918	1.00	0.75	0.75	0.000	0.000	43.10	0.00	0.00	9.00
150.0	KMW AM-X-CD-16-65-	3	32.838	36.122	0.67	0.75	12.09	0.000	3.000	698.75	0.00	2,096.25	130.95
150.0	KMW AWS Twin Dual	6	32.838	36.122	0.50	0.75	2.23	0.000	3.000	128.74	0.00	386.21	93.96
150.0	Round Platform w/ Ha	1	32.653	35.918	1.00	1.00	27.20	0.000	0.000	1,563.15	0.00	0.00	1,800.00
150.0	Powerwave 7770	3	32.838	36.122	0.65	0.75	8.06	0.000	3.000	465.73	0.00	1,397.20	94.50
150.0	Raycap DC6-48-60-18-	1	32.838	36.122	1.00	0.75	0.96	0.000	3.000	55.48	0.00	166.45	28.62
150.0	Round Side Arm	3	32.653	35.918	0.67	1.00	10.45	0.000	0.000	600.66	0.00	0.00	405.00
										13,390.61			6,671.79

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II	Page : 36
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

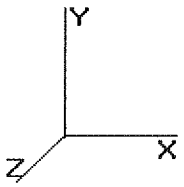
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.90
1.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.257	0.000	15.13	8.85
1.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.27
1.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	6.57
1.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.24
1.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.257	0.000	14.50	0.00
1.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.257	0.000	0.00	0.07
2.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.90
2.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.258	0.000	15.13	8.85
2.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.27
2.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	6.57
2.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.24
2.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.258	0.000	14.50	0.00
2.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.258	0.000	0.00	0.07
3.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.90
3.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.260	0.000	15.13	8.85
3.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.27
3.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	6.57
3.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.24
3.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.260	0.000	14.50	0.00
3.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.260	0.000	0.00	0.07
4.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.90
4.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.261	0.000	15.13	8.85
4.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.27
4.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	6.57
4.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.24
4.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.261	0.000	14.50	0.00
4.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.261	0.000	0.00	0.07
5.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.90
5.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.262	0.000	15.13	8.85
5.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.27
5.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	6.57
5.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.24
5.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.262	0.000	14.50	0.00
5.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.262	0.000	0.00	0.07
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.90
6.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.263	0.000	15.13	8.85
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.27
6.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	6.57
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.24
6.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.263	0.000	14.50	0.00
6.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.263	0.000	0.00	0.07
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.90
7.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.264	0.000	15.13	8.85
7.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.27
7.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	6.57
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.24
7.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.264	0.000	14.50	0.00
7.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.264	0.000	0.00	0.07
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.90
8.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.265	0.000	15.13	8.85

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 37
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

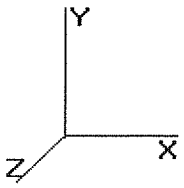
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

8.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.27
8.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	6.57
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.24
8.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.265	0.000	14.50	0.00
8.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.265	0.000	0.00	0.07
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.90
9.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.266	0.000	15.13	8.85
9.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.27
9.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	6.57
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.24
9.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.266	0.000	14.50	0.00
9.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.266	0.000	0.00	0.07
10.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.90
10.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.268	0.000	15.13	8.85
10.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.27
10.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	6.57
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.24
10.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.268	0.000	14.50	0.00
10.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.268	0.000	0.00	0.07
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.90
11.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.269	0.000	15.13	8.85
11.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.27
11.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	6.57
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.24
11.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.269	0.000	14.50	0.00
11.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.269	0.000	0.00	0.07
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.90
12.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.270	0.000	15.13	8.85
12.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.27
12.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	6.57
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.24
12.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.270	0.000	14.50	0.00
12.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.270	0.000	0.00	0.07
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.90
13.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.271	0.000	15.13	8.85
13.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.27
13.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	6.57
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.24
13.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.271	0.000	14.50	0.00
13.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.271	0.000	0.00	0.07
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.90
14.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.272	0.000	15.13	8.85
14.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.27
14.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	6.57
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.24
14.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.272	0.000	14.50	0.00
14.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.272	0.000	0.00	0.07
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.90
15.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.273	0.000	15.13	8.85
15.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.27
15.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	6.57
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.24
15.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.273	0.000	14.50	0.00
15.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.273	0.000	0.00	0.07
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.90
16.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.275	0.000	15.13	8.85
16.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.27

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 38
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

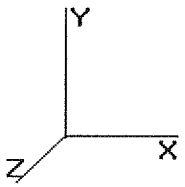
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

16.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	6.57
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.24
16.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.275	0.000	14.50	0.00
16.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.275	0.000	0.00	0.07
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.90
17.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.276	0.000	15.13	8.85
17.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.27
17.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	6.57
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.24
17.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.276	0.000	14.50	0.00
17.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.276	0.000	0.00	0.07
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.90
18.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.277	0.000	15.13	8.85
18.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.27
18.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	6.57
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.24
18.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.277	0.000	14.50	0.00
18.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.277	0.000	0.00	0.07
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.90
19.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.278	0.000	15.13	8.85
19.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.27
19.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	6.57
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.24
19.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.278	0.000	14.50	0.00
19.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.278	0.000	0.00	0.07
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.90
20.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.280	0.000	15.13	8.85
20.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.27
20.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	6.57
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.24
20.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.280	0.000	14.50	0.00
20.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.280	0.000	0.00	0.07
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.90
21.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.281	0.000	15.13	8.85
21.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.27
21.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	6.57
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.24
21.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.281	0.000	14.50	0.00
21.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.281	0.000	0.00	0.07
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.90
22.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.282	0.000	15.13	8.85
22.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.27
22.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	6.57
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.24
22.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.282	0.000	14.50	0.00
22.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.282	0.000	0.00	0.07
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.90
23.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.284	0.000	15.13	8.85
23.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.27
23.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	6.57
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.24
23.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.284	0.000	14.50	0.00
23.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.284	0.000	0.00	0.07
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.90
24.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.285	0.000	15.13	8.85
24.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.27
24.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	6.57

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:51 PM
Location :	Branford CT 6, CT	Struct Class : II		
Height :	150.0 (ft)	Exposure Category : B		Page : 39
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			

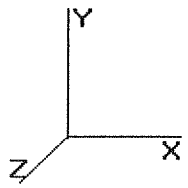


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.24
24.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.285	0.000	14.50	0.00
24.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.285	0.000	0.00	0.07
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.90
25.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.286	0.000	15.13	8.85
25.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.27
25.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	6.57
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.24
25.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.286	0.000	14.50	0.00
25.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.286	0.000	0.00	0.07
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.90
26.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.288	0.000	15.13	8.85
26.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.27
26.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	6.57
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.24
26.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.288	0.000	14.50	0.00
26.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.288	0.000	0.00	0.07
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.90
27.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.289	0.000	15.13	8.85
27.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.27
27.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	6.57
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.24
27.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.289	0.000	14.50	0.00
27.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.289	0.000	0.00	0.07
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.90
28.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.290	0.000	15.13	8.85
28.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.27
28.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	6.57
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.24
28.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.290	0.000	14.50	0.00
28.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.290	0.000	0.00	0.07
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.90
29.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.599	0.292	0.000	15.13	8.85
29.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.27
29.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	6.57
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.24
29.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.599	0.292	0.000	14.50	0.00
29.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.292	0.000	0.00	0.07
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.90
30.00	(12) 1 5/8" Coax	Yes	1.00	0.843	5.94	0.50	0.42	20.616	0.293	0.000	15.13	8.85
30.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.27
30.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	6.57
30.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.24
30.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.616	0.293	0.000	14.51	0.00
30.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.616	0.293	0.000	0.00	0.07
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.90
31.00	(12) 1 5/8" Coax	Yes	1.00	0.839	5.94	0.50	0.42	20.810	0.295	0.000	15.20	8.85
31.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.27
31.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	6.57
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.24
31.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	20.810	0.295	0.000	14.65	0.00
31.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	20.810	0.295	0.000	0.00	0.07
31.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.45
31.50	(12) 1 5/8" Coax	Yes	0.50	0.837	5.94	0.25	0.21	20.906	0.296	0.000	7.67	4.46
31.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.14
31.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	3.31
31.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.12

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:51 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 40	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

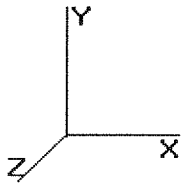
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

31.50	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	20.906	0.296	0.000	7.41	0.00
31.50	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	20.906	0.296	0.000	0.00	0.04
32.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.45
32.00	(12) 1 5/8" Coax	Yes	0.50	0.835	5.94	0.25	0.21	21.000	0.296	0.000	7.59	4.40
32.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.13
32.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	3.26
32.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.12
32.00	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.17	0.20	21.000	0.296	0.000	7.34	0.00
32.00	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	21.000	0.296	0.000	0.00	0.04
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.90
33.00	(12) 1 5/8" Coax	Yes	1.00	0.831	5.94	0.50	0.41	21.186	0.297	0.000	15.34	8.85
33.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.27
33.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	6.57
33.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.24
33.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.186	0.297	0.000	14.91	0.00
33.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.186	0.297	0.000	0.00	0.07
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.90
34.00	(12) 1 5/8" Coax	Yes	1.00	0.828	5.94	0.50	0.41	21.367	0.299	0.000	15.41	8.85
34.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.27
34.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	6.57
34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.24
34.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.367	0.299	0.000	15.04	0.00
34.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.367	0.299	0.000	0.00	0.07
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.90
35.00	(12) 1 5/8" Coax	Yes	1.00	0.824	5.94	0.50	0.41	21.545	0.300	0.000	15.47	8.85
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.27
35.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	6.57
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.24
35.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.545	0.300	0.000	15.17	0.00
35.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.300	0.000	0.00	0.07
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.60
35.67	(12) 1 5/8" Coax	Yes	0.67	0.822	5.94	0.33	0.27	21.662	0.302	0.000	10.39	5.93
35.67	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.18
35.67	(2) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	4.40
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.16
35.67	(4) #18 Dywidag bars	Yes	0.67	1.200	4.00	0.22	0.27	21.662	0.302	0.000	10.22	0.00
35.67	(1) 0.28" RG6	Yes	0.67	0.000	0.00	0.00	0.00	21.662	0.302	0.000	0.00	0.05
36.00	(1) 1 1/4" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.30
36.00	(12) 1 5/8" Coax	Yes	0.33	0.821	5.94	0.16	0.13	21.719	0.296	0.000	5.13	2.92
36.00	(2) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.09
36.00	(2) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	2.17
36.00	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.08
36.00	(4) #18 Dywidag bars	Yes	0.33	1.200	4.00	0.11	0.13	21.719	0.296	0.000	5.05	0.00
36.00	(1) 0.28" RG6	Yes	0.33	0.000	0.00	0.00	0.00	21.719	0.296	0.000	0.00	0.02
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.90
37.00	(12) 1 5/8" Coax	Yes	1.00	0.818	5.94	0.50	0.40	21.890	0.297	0.000	15.59	8.85
37.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.27
37.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	6.57
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.24
37.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	21.890	0.297	0.000	15.41	0.00
37.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	21.890	0.297	0.000	0.00	0.07
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.90
38.00	(12) 1 5/8" Coax	Yes	1.00	0.815	5.94	0.50	0.40	22.057	0.299	0.000	15.65	8.85
38.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.27
38.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	6.57
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.24
38.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	22.057	0.299	0.000	15.53	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:52 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 41
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

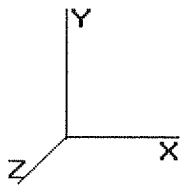
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

38.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.057	0.299	0.000	0.00	0.07
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.90
39.00	(12) 1 5/8" Coax	Yes	1.00	0.812	5.94	0.50	0.40	22.221	0.300	0.000	15.71	8.85
39.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.27
39.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	6.57
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.24
39.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	22.221	0.300	0.000	15.64	0.00
39.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.221	0.300	0.000	0.00	0.07
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.90
40.00	(12) 1 5/8" Coax	Yes	1.00	0.809	5.94	0.50	0.40	22.383	0.302	0.000	15.77	8.85
40.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.27
40.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	6.57
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.24
40.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.33	0.40	22.383	0.302	0.000	15.76	0.00
40.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.383	0.302	0.000	0.00	0.07
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.90
41.00	(12) 1 5/8" Coax	Yes	1.00	0.806	5.94	0.50	0.40	22.541	0.303	0.000	15.82	8.85
41.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.27
41.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	6.57
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.24
41.00	(4) #18 Dywidag bars	Yes	1.00	1.197	4.00	0.33	0.40	22.541	0.303	0.000	15.82	0.00
41.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.541	0.303	0.000	0.00	0.07
42.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.90
42.00	(12) 1 5/8" Coax	Yes	1.00	0.803	5.94	0.50	0.40	22.697	0.305	0.000	15.88	8.85
42.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.27
42.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	6.57
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.24
42.00	(4) #18 Dywidag bars	Yes	1.00	1.192	4.00	0.33	0.40	22.697	0.305	0.000	15.88	0.00
42.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.697	0.305	0.000	0.00	0.07
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.90
43.00	(12) 1 5/8" Coax	Yes	1.00	0.800	5.94	0.50	0.40	22.850	0.306	0.000	15.93	8.85
43.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.27
43.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	6.57
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.24
43.00	(4) #18 Dywidag bars	Yes	1.00	1.188	4.00	0.33	0.40	22.850	0.306	0.000	15.93	0.00
43.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	22.850	0.306	0.000	0.00	0.07
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.90
44.00	(12) 1 5/8" Coax	Yes	1.00	0.798	5.94	0.50	0.39	23.000	0.308	0.000	15.98	8.85
44.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.27
44.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	6.57
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.24
44.00	(4) #18 Dywidag bars	Yes	1.00	1.185	4.00	0.33	0.39	23.000	0.308	0.000	15.98	0.00
44.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.000	0.308	0.000	0.00	0.07
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.90
45.00	(12) 1 5/8" Coax	Yes	1.00	0.795	5.94	0.50	0.39	23.149	0.309	0.000	16.04	8.85
45.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.27
45.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	6.57
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.24
45.00	(4) #18 Dywidag bars	Yes	1.00	1.181	4.00	0.33	0.39	23.149	0.309	0.000	16.04	0.00
45.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.149	0.309	0.000	0.00	0.07
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.90
46.00	(12) 1 5/8" Coax	Yes	1.00	0.793	5.94	0.50	0.39	23.294	0.311	0.000	16.09	8.85
46.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.27
46.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	6.57
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.24
46.00	(4) #18 Dywidag bars	Yes	1.00	1.177	4.00	0.33	0.39	23.294	0.311	0.000	16.09	0.00
46.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.294	0.311	0.000	0.00	0.07

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:52 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 42	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

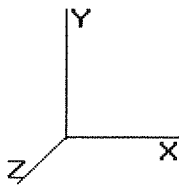
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

47.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.90
47.00	(12) 1 5/8" Coax	Yes	1.00	0.790	5.94	0.50	0.39	23.438	0.313	0.000	16.14	8.85
47.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.27
47.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	6.57
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.24
47.00	(4) #18 Dywidag bars	Yes	1.00	1.173	4.00	0.33	0.39	23.438	0.313	0.000	16.14	0.00
47.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.438	0.313	0.000	0.00	0.07
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.90
48.00	(12) 1 5/8" Coax	Yes	1.00	0.788	5.94	0.50	0.39	23.579	0.314	0.000	16.18	8.85
48.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.27
48.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	6.57
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.24
48.00	(4) #18 Dywidag bars	Yes	1.00	1.170	4.00	0.33	0.39	23.579	0.314	0.000	16.18	0.00
48.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.579	0.314	0.000	0.00	0.07
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.90
49.00	(12) 1 5/8" Coax	Yes	1.00	0.786	5.94	0.50	0.39	23.719	0.316	0.000	16.23	8.85
49.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.27
49.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	6.57
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.24
49.00	(4) #18 Dywidag bars	Yes	1.00	1.167	4.00	0.33	0.39	23.719	0.316	0.000	16.23	0.00
49.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.719	0.316	0.000	0.00	0.07
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.90
50.00	(12) 1 5/8" Coax	Yes	1.00	0.783	5.94	0.50	0.39	23.856	0.317	0.000	16.28	8.85
50.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.27
50.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	6.57
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.24
50.00	(4) #18 Dywidag bars	Yes	1.00	1.163	4.00	0.33	0.39	23.856	0.317	0.000	16.28	0.00
50.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.856	0.317	0.000	0.00	0.07
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.90
51.00	(12) 1 5/8" Coax	Yes	1.00	0.781	5.94	0.50	0.39	23.991	0.319	0.000	16.33	8.85
51.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.27
51.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	6.57
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.24
51.00	(4) #18 Dywidag bars	Yes	1.00	1.160	4.00	0.33	0.39	23.991	0.319	0.000	16.33	0.00
51.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	23.991	0.319	0.000	0.00	0.07
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.90
52.00	(12) 1 5/8" Coax	Yes	1.00	0.779	5.94	0.50	0.39	24.125	0.321	0.000	16.37	8.85
52.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.27
52.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	6.57
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.24
52.00	(4) #18 Dywidag bars	Yes	1.00	1.157	4.00	0.33	0.39	24.125	0.321	0.000	16.37	0.00
52.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.125	0.321	0.000	0.00	0.07
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.90
53.00	(12) 1 5/8" Coax	Yes	1.00	0.777	5.94	0.50	0.38	24.257	0.322	0.000	16.41	8.85
53.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.27
53.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	6.57
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.24
53.00	(4) #18 Dywidag bars	Yes	1.00	1.154	4.00	0.33	0.38	24.257	0.322	0.000	16.41	0.00
53.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.257	0.322	0.000	0.00	0.07
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.90
54.00	(12) 1 5/8" Coax	Yes	1.00	0.775	5.94	0.50	0.38	24.386	0.324	0.000	16.46	8.85
54.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.27
54.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	6.57
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.24
54.00	(4) #18 Dywidag bars	Yes	1.00	1.150	4.00	0.33	0.38	24.386	0.324	0.000	16.46	0.00
54.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.386	0.324	0.000	0.00	0.07
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.90

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:52 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 43
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



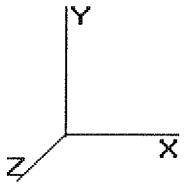
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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	1.00	0.773	5.94	0.50	0.38	24.515	0.326	0.000	16.50	8.85
55.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.27
55.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	6.57
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.24
55.00	(4) #18 Dywidag bars	Yes	1.00	1.147	4.00	0.33	0.38	24.515	0.326	0.000	16.50	0.00
55.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.515	0.326	0.000	0.00	0.07
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.90
56.00	(12) 1 5/8" Coax	Yes	1.00	0.771	5.94	0.50	0.38	24.641	0.328	0.000	16.54	8.85
56.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.27
56.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	6.57
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.24
56.00	(4) #18 Dywidag bars	Yes	1.00	1.144	4.00	0.33	0.38	24.641	0.328	0.000	16.54	0.00
56.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.641	0.328	0.000	0.00	0.07
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.90
57.00	(12) 1 5/8" Coax	Yes	1.00	0.769	5.94	0.50	0.38	24.766	0.329	0.000	16.59	8.85
57.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.27
57.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	6.57
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.24
57.00	(4) #18 Dywidag bars	Yes	1.00	1.142	4.00	0.33	0.38	24.766	0.329	0.000	16.59	0.00
57.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.766	0.329	0.000	0.00	0.07
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.90
58.00	(12) 1 5/8" Coax	Yes	1.00	0.767	5.94	0.50	0.38	24.889	0.331	0.000	16.63	8.85
58.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.27
58.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	6.57
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.24
58.00	(4) #18 Dywidag bars	Yes	1.00	1.139	4.00	0.33	0.38	24.889	0.331	0.000	16.63	0.00
58.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	24.889	0.331	0.000	0.00	0.07
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.90
59.00	(12) 1 5/8" Coax	Yes	1.00	0.765	5.94	0.50	0.38	25.011	0.333	0.000	16.67	8.85
59.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.27
59.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	6.57
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.24
59.00	(4) #18 Dywidag bars	Yes	1.00	1.136	4.00	0.33	0.38	25.011	0.333	0.000	16.67	0.00
59.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.011	0.333	0.000	0.00	0.07
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.90
60.00	(12) 1 5/8" Coax	Yes	1.00	0.763	5.94	0.50	0.38	25.132	0.335	0.000	16.71	8.85
60.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.27
60.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	6.57
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.24
60.00	(4) #18 Dywidag bars	Yes	1.00	1.133	4.00	0.33	0.38	25.132	0.335	0.000	16.71	0.00
60.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.132	0.335	0.000	0.00	0.07
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.90
61.00	(12) 1 5/8" Coax	Yes	1.00	0.761	5.94	0.50	0.38	25.251	0.337	0.000	16.75	8.85
61.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.27
61.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	6.57
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.24
61.00	(4) #18 Dywidag bars	Yes	1.00	1.131	4.00	0.33	0.38	25.251	0.337	0.000	16.75	0.00
61.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.251	0.337	0.000	0.00	0.07
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.90
62.00	(12) 1 5/8" Coax	Yes	1.00	0.760	5.94	0.50	0.38	25.368	0.338	0.000	16.79	8.85
62.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.27
62.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	6.57
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.24
62.00	(4) #18 Dywidag bars	Yes	1.00	1.128	4.00	0.33	0.38	25.368	0.338	0.000	16.79	0.00
62.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.368	0.338	0.000	0.00	0.07
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.90
63.00	(12) 1 5/8" Coax	Yes	1.00	0.758	5.94	0.50	0.38	25.485	0.340	0.000	16.83	8.85

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



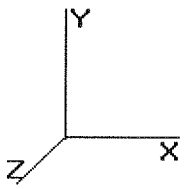
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

63.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.27
63.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	6.57
63.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.24
63.00	(4) #18 Dywidag bars	Yes	1.00	1.125	4.00	0.33	0.38	25.485	0.340	0.000	16.83	0.00
63.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.485	0.340	0.000	0.00	0.07
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.90
64.00	(12) 1 5/8" Coax	Yes	1.00	0.756	5.94	0.50	0.37	25.599	0.342	0.000	16.86	8.85
64.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.27
64.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	6.57
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.24
64.00	(4) #18 Dywidag bars	Yes	1.00	1.123	4.00	0.33	0.37	25.599	0.342	0.000	16.86	0.00
64.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.599	0.342	0.000	0.00	0.07
65.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.90
65.00	(12) 1 5/8" Coax	Yes	1.00	0.754	5.94	0.50	0.37	25.713	0.344	0.000	16.90	8.85
65.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.27
65.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	6.57
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.24
65.00	(4) #18 Dywidag bars	Yes	1.00	1.120	4.00	0.33	0.37	25.713	0.344	0.000	16.90	0.00
65.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.713	0.344	0.000	0.00	0.07
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.90
66.00	(12) 1 5/8" Coax	Yes	1.00	0.753	5.94	0.50	0.37	25.825	0.346	0.000	16.94	8.85
66.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.27
66.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	6.57
66.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.24
66.00	(4) #18 Dywidag bars	Yes	1.00	1.118	4.00	0.33	0.37	25.825	0.346	0.000	16.94	0.00
66.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.825	0.346	0.000	0.00	0.07
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.90
67.00	(12) 1 5/8" Coax	Yes	1.00	0.751	5.94	0.50	0.37	25.937	0.348	0.000	16.97	8.85
67.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.27
67.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	6.57
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.24
67.00	(4) #18 Dywidag bars	Yes	1.00	1.116	4.00	0.33	0.37	25.937	0.348	0.000	16.97	0.00
67.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	25.937	0.348	0.000	0.00	0.07
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.90
68.00	(12) 1 5/8" Coax	Yes	1.00	0.750	5.94	0.50	0.37	26.047	0.350	0.000	17.01	8.85
68.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.27
68.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	6.57
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.24
68.00	(4) #18 Dywidag bars	Yes	1.00	1.113	4.00	0.33	0.37	26.047	0.350	0.000	17.01	0.00
68.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	26.047	0.350	0.000	0.00	0.07
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.90
69.00	(12) 1 5/8" Coax	Yes	1.00	0.748	5.94	0.50	0.37	26.156	0.352	0.000	17.05	8.85
69.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.27
69.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	6.57
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.24
69.00	(4) #18 Dywidag bars	Yes	1.00	1.111	4.00	0.33	0.37	26.156	0.352	0.000	17.05	0.00
69.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	26.156	0.352	0.000	0.00	0.07
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	0.90
70.00	(12) 1 5/8" Coax	Yes	1.00	0.747	5.94	0.50	0.37	26.263	0.354	0.000	17.08	8.85
70.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	0.27
70.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	6.57
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.263	0.354	0.000	0.00	0.24
70.00	(4) #18 Dywidag bars	Yes	1.00	1.109	4.00	0.33	0.37	26.263	0.354	0.000	17.08	0.00
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.00
70.00	(12) 1 5/8" Coax	Yes	0.00	0.747	5.94	0.00	0.00	26.264	0.355	0.000	0.06	0.03
70.00	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.00
70.00	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.02

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:52 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 45	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



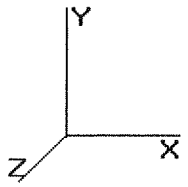
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	26.264	0.355	0.000	0.00	0.00
70.00	(4) #18 Dywidag bars	Yes	0.00	1.109	4.00	0.00	0.00	26.264	0.355	0.000	0.06	0.00
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	0.90
71.00	(12) 1 5/8" Coax	Yes	1.00	0.745	5.94	0.49	0.37	26.370	0.356	0.000	17.06	8.83
71.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	0.27
71.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	6.55
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.370	0.356	0.000	0.00	0.24
71.00	(4) #18 Dywidag bars	Yes	1.00	1.106	4.00	0.33	0.37	26.370	0.356	0.000	17.06	0.00
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	0.90
72.00	(12) 1 5/8" Coax	Yes	1.00	0.744	5.94	0.50	0.37	26.476	0.358	0.000	17.15	8.85
72.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	0.27
72.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	6.57
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.476	0.358	0.000	0.00	0.24
72.00	(4) #18 Dywidag bars	Yes	1.00	1.104	4.00	0.33	0.37	26.476	0.358	0.000	17.15	0.00
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	0.90
73.00	(12) 1 5/8" Coax	Yes	1.00	0.742	5.94	0.50	0.37	26.580	0.360	0.000	17.18	8.85
73.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	0.27
73.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	6.57
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.580	0.360	0.000	0.00	0.24
73.00	(4) #18 Dywidag bars	Yes	1.00	1.102	4.00	0.33	0.37	26.580	0.360	0.000	17.18	0.00
73.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	0.45
73.50	(12) 1 5/8" Coax	Yes	0.50	0.741	5.94	0.25	0.18	26.632	0.362	0.000	8.66	4.46
73.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	0.14
73.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	3.31
73.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.632	0.362	0.000	0.00	0.12
73.50	(4) #18 Dywidag bars	Yes	0.50	1.101	4.00	0.17	0.18	26.632	0.362	0.000	8.66	0.00
74.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	0.45
74.00	(12) 1 5/8" Coax	Yes	0.50	0.741	5.94	0.25	0.18	26.684	0.356	0.000	8.55	4.40
74.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	0.13
74.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	3.26
74.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	26.684	0.356	0.000	0.00	0.12
74.00	(4) #18 Dywidag bars	Yes	0.50	1.100	4.00	0.17	0.18	26.684	0.356	0.000	8.55	0.00
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	0.90
75.00	(12) 1 5/8" Coax	Yes	1.00	0.739	5.94	0.50	0.37	26.786	0.358	0.000	17.25	8.85
75.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	0.27
75.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	6.57
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.786	0.358	0.000	0.00	0.24
75.00	(4) #18 Dywidag bars	Yes	1.00	1.098	4.00	0.33	0.37	26.786	0.358	0.000	17.25	0.00
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	0.90
76.00	(12) 1 5/8" Coax	Yes	1.00	0.738	5.94	0.50	0.37	26.888	0.360	0.000	17.28	8.85
76.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	0.27
76.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	6.57
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.888	0.360	0.000	0.00	0.24
76.00	(4) #18 Dywidag bars	Yes	1.00	1.096	4.00	0.33	0.37	26.888	0.360	0.000	17.28	0.00
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	0.90
77.00	(12) 1 5/8" Coax	Yes	1.00	0.736	5.94	0.50	0.36	26.988	0.362	0.000	17.31	8.85
77.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	0.27
77.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	6.57
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.988	0.362	0.000	0.00	0.24
77.00	(4) #18 Dywidag bars	Yes	1.00	1.094	4.00	0.33	0.36	26.988	0.362	0.000	17.31	0.00
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	0.90
78.00	(12) 1 5/8" Coax	Yes	1.00	0.735	5.94	0.50	0.36	27.088	0.364	0.000	17.35	8.85
78.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	0.27
78.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	6.57
78.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.088	0.364	0.000	0.00	0.24
78.00	(4) #18 Dywidag bars	Yes	1.00	1.092	4.00	0.33	0.36	27.088	0.364	0.000	17.35	0.00
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	0.90

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:52 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 46	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											

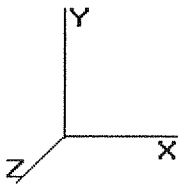


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

79.00	(12) 1 5/8" Coax	Yes	1.00	0.734	5.94	0.50	0.36	27.187	0.366	0.000	17.38	8.85
79.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	0.27
79.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	6.57
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.187	0.366	0.000	0.00	0.24
79.00	(4) #18 Dywidag bars	Yes	1.00	1.090	4.00	0.33	0.36	27.187	0.366	0.000	17.38	0.00
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	0.90
80.00	(12) 1 5/8" Coax	Yes	1.00	0.732	5.94	0.50	0.36	27.285	0.369	0.000	17.41	8.85
80.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	0.27
80.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	6.57
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.285	0.369	0.000	0.00	0.24
80.00	(4) #18 Dywidag bars	Yes	1.00	1.088	4.00	0.33	0.36	27.285	0.369	0.000	17.41	0.00
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	0.90
81.00	(12) 1 5/8" Coax	Yes	1.00	0.731	5.94	0.50	0.36	27.382	0.371	0.000	17.44	8.85
81.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	0.27
81.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	6.57
81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.382	0.371	0.000	0.00	0.24
81.00	(4) #18 Dywidag bars	Yes	1.00	1.086	4.00	0.33	0.36	27.382	0.371	0.000	17.44	0.00
82.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	0.90
82.00	(12) 1 5/8" Coax	Yes	1.00	0.730	5.94	0.50	0.36	27.478	0.373	0.000	17.47	8.85
82.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	0.27
82.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	6.57
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.478	0.373	0.000	0.00	0.24
82.00	(4) #18 Dywidag bars	Yes	1.00	1.084	4.00	0.33	0.36	27.478	0.373	0.000	17.47	0.00
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	0.90
83.00	(12) 1 5/8" Coax	Yes	1.00	0.729	5.94	0.50	0.36	27.573	0.375	0.000	17.50	8.85
83.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	0.27
83.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	6.57
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.573	0.375	0.000	0.00	0.24
83.00	(4) #18 Dywidag bars	Yes	1.00	1.082	4.00	0.33	0.36	27.573	0.375	0.000	17.50	0.00
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	0.90
84.00	(12) 1 5/8" Coax	Yes	1.00	0.727	5.94	0.50	0.36	27.668	0.378	0.000	17.53	8.85
84.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	0.27
84.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	6.57
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.668	0.378	0.000	0.00	0.24
84.00	(4) #18 Dywidag bars	Yes	1.00	1.080	4.00	0.33	0.36	27.668	0.378	0.000	17.53	0.00
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	0.90
85.00	(12) 1 5/8" Coax	Yes	1.00	0.726	5.94	0.50	0.36	27.761	0.380	0.000	17.56	8.85
85.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	0.27
85.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	6.57
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.761	0.380	0.000	0.00	0.24
85.00	(4) #18 Dywidag bars	Yes	1.00	1.078	4.00	0.33	0.36	27.761	0.380	0.000	17.56	0.00
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	0.90
86.00	(12) 1 5/8" Coax	Yes	1.00	0.725	5.94	0.50	0.36	27.854	0.382	0.000	17.59	8.85
86.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	0.27
86.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	6.57
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.854	0.382	0.000	0.00	0.24
86.00	(4) #18 Dywidag bars	Yes	1.00	1.076	4.00	0.33	0.36	27.854	0.382	0.000	17.59	0.00
87.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	0.90
87.00	(12) 1 5/8" Coax	Yes	1.00	0.724	5.94	0.50	0.36	27.946	0.385	0.000	17.62	8.85
87.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	0.27
87.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	6.57
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.946	0.385	0.000	0.00	0.24
87.00	(4) #18 Dywidag bars	Yes	1.00	1.075	4.00	0.33	0.36	27.946	0.385	0.000	17.62	0.00
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	0.90
88.00	(12) 1 5/8" Coax	Yes	1.00	0.722	5.94	0.50	0.36	28.038	0.387	0.000	17.65	8.85
88.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	0.27
88.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	6.57

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:52 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 47	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

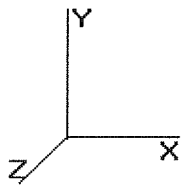
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.038	0.387	0.000	0.00	0.24
88.00	(4) #18 Dywidag bars	Yes	1.00	1.073	4.00	0.33	0.36	28.038	0.387	0.000	17.65	0.00
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	0.90
89.00	(12) 1 5/8" Coax	Yes	1.00	0.721	5.94	0.50	0.36	28.129	0.390	0.000	17.68	8.85
89.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	0.27
89.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	6.57
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.129	0.390	0.000	0.00	0.24
89.00	(4) #18 Dywidag bars	Yes	1.00	1.071	4.00	0.33	0.36	28.129	0.390	0.000	17.68	0.00
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	0.90
90.00	(12) 1 5/8" Coax	Yes	1.00	0.720	5.94	0.50	0.36	28.219	0.392	0.000	17.70	8.85
90.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	0.27
90.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	6.57
90.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.219	0.392	0.000	0.00	0.24
90.00	(4) #18 Dywidag bars	Yes	1.00	1.069	4.00	0.33	0.36	28.219	0.392	0.000	17.70	0.00
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	0.90
91.00	(12) 1 5/8" Coax	Yes	1.00	0.719	5.94	0.50	0.36	28.308	0.395	0.000	17.73	8.85
91.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	0.27
91.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	6.57
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.308	0.395	0.000	0.00	0.24
91.00	(4) #18 Dywidag bars	Yes	1.00	1.068	4.00	0.33	0.36	28.308	0.395	0.000	17.73	0.00
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	0.90
92.00	(12) 1 5/8" Coax	Yes	1.00	0.718	5.94	0.50	0.36	28.396	0.397	0.000	17.76	8.85
92.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	0.27
92.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	6.57
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.396	0.397	0.000	0.00	0.24
92.00	(4) #18 Dywidag bars	Yes	1.00	1.066	4.00	0.33	0.36	28.396	0.397	0.000	17.76	0.00
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	0.90
93.00	(12) 1 5/8" Coax	Yes	1.00	0.717	5.94	0.50	0.35	28.484	0.400	0.000	17.79	8.85
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	0.27
93.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	6.57
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.400	0.000	0.00	0.24
93.00	(4) #18 Dywidag bars	Yes	1.00	1.064	4.00	0.33	0.35	28.484	0.400	0.000	17.79	0.00
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	0.90
94.00	(12) 1 5/8" Coax	Yes	1.00	0.716	5.94	0.50	0.35	28.571	0.402	0.000	17.82	8.85
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	0.27
94.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	6.57
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.402	0.000	0.00	0.24
94.00	(4) #18 Dywidag bars	Yes	1.00	1.063	4.00	0.33	0.35	28.571	0.402	0.000	17.82	0.00
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	0.90
95.00	(12) 1 5/8" Coax	Yes	1.00	0.715	5.94	0.50	0.35	28.658	0.405	0.000	17.84	8.85
95.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	0.27
95.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	6.57
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.658	0.405	0.000	0.00	0.24
95.00	(4) #18 Dywidag bars	Yes	1.00	1.061	4.00	0.33	0.35	28.658	0.405	0.000	17.84	0.00
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	0.90
96.00	(12) 1 5/8" Coax	Yes	1.00	0.714	5.94	0.50	0.35	28.744	0.408	0.000	17.87	8.85
96.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	0.27
96.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	6.57
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.744	0.408	0.000	0.00	0.24
96.00	(4) #18 Dywidag bars	Yes	1.00	1.060	4.00	0.33	0.35	28.744	0.408	0.000	17.87	0.00
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	0.90
97.00	(12) 1 5/8" Coax	Yes	1.00	0.713	5.94	0.50	0.35	28.829	0.411	0.000	17.90	8.85
97.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	0.27
97.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	6.57
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.829	0.411	0.000	0.00	0.24
97.00	(4) #18 Dywidag bars	Yes	1.00	1.058	4.00	0.33	0.35	28.829	0.411	0.000	17.90	0.00
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	0.90

Pole :	302484	Code:	ANSI/TIA-222 Rev G		3/11/2015 5:42:52 PM
Location :	Branford CT 6, CT	Struct Class :	II		
Height :	150.0 (ft)	Exposure Category :	B		Page: 48
Base Dia :	37.38 (in)	Topographic Category :	1		
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)		
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



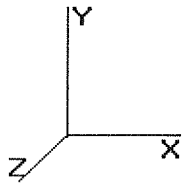
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

98.00	(12) 1 5/8" Coax	Yes	1.00	0.711	5.94	0.50	0.35	28.913	0.413	0.000	17.92	8.85
98.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	0.27
98.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	6.57
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.913	0.413	0.000	0.00	0.24
98.00	(4) #18 Dywidag bars	Yes	1.00	1.057	4.00	0.33	0.35	28.913	0.413	0.000	17.92	0.00
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	0.90
99.00	(12) 1 5/8" Coax	Yes	1.00	0.710	5.94	0.50	0.35	28.997	0.416	0.000	17.95	8.85
99.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	0.27
99.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	6.57
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.997	0.416	0.000	0.00	0.24
99.00	(4) #18 Dywidag bars	Yes	1.00	1.055	4.00	0.33	0.35	28.997	0.416	0.000	17.95	0.00
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	0.90
100.0	(12) 1 5/8" Coax	Yes	1.00	0.709	5.94	0.50	0.35	29.081	0.419	0.000	17.97	8.85
100.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	0.27
100.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	6.57
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.081	0.419	0.000	0.00	0.24
100.0	(4) #18 Dywidag bars	Yes	1.00	1.053	4.00	0.33	0.35	29.081	0.419	0.000	17.97	0.00
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	0.90
101.0	(12) 1 5/8" Coax	Yes	1.00	0.708	5.94	0.50	0.35	29.164	0.422	0.000	18.00	8.85
101.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	0.27
101.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	6.57
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.164	0.422	0.000	0.00	0.24
101.0	(4) #18 Dywidag bars	Yes	1.00	1.052	4.00	0.33	0.35	29.164	0.422	0.000	18.00	0.00
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	0.90
102.0	(12) 1 5/8" Coax	Yes	1.00	0.707	5.94	0.50	0.35	29.246	0.425	0.000	18.02	8.85
102.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	0.27
102.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	6.57
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.246	0.425	0.000	0.00	0.24
102.0	(4) #18 Dywidag bars	Yes	1.00	1.051	4.00	0.33	0.35	29.246	0.425	0.000	18.02	0.00
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	0.90
103.0	(12) 1 5/8" Coax	Yes	1.00	0.706	5.94	0.50	0.35	29.328	0.428	0.000	18.05	8.85
103.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	0.27
103.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	6.57
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.328	0.428	0.000	0.00	0.24
103.0	(4) #18 Dywidag bars	Yes	1.00	1.049	4.00	0.33	0.35	29.328	0.428	0.000	18.05	0.00
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	0.90
104.0	(12) 1 5/8" Coax	Yes	1.00	0.705	5.94	0.50	0.35	29.409	0.431	0.000	18.07	8.85
104.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	0.27
104.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	6.57
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.409	0.431	0.000	0.00	0.24
104.0	(4) #18 Dywidag bars	Yes	1.00	1.048	4.00	0.33	0.35	29.409	0.431	0.000	18.07	0.00
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	0.90
105.0	(12) 1 5/8" Coax	Yes	1.00	0.704	5.94	0.50	0.35	29.489	0.434	0.000	18.10	8.85
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	0.27
105.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	6.57
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.434	0.000	0.00	0.24
105.0	(4) #18 Dywidag bars	Yes	1.00	1.046	4.00	0.33	0.35	29.489	0.434	0.000	18.10	0.00
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	0.90
106.0	(12) 1 5/8" Coax	Yes	1.00	0.704	5.94	0.50	0.35	29.569	0.437	0.000	18.12	8.85
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	0.27
106.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	6.57
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.437	0.000	0.00	0.24
106.0	(4) #18 Dywidag bars	Yes	1.00	1.045	4.00	0.33	0.35	29.569	0.437	0.000	18.12	0.00
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	0.90
107.0	(12) 1 5/8" Coax	Yes	1.00	0.703	5.94	0.50	0.35	29.649	0.440	0.000	18.15	8.85
107.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	0.27
107.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	6.57

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:52 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 49	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

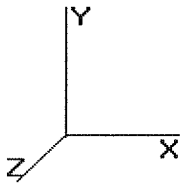
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.649	0.440	0.000	0.00	0.24
107.0	(4) #18 Dywidag bars	Yes	1.00	1.043	4.00	0.33	0.35	29.649	0.440	0.000	18.15	0.00
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	0.90
108.0	(12) 1 5/8" Coax	Yes	1.00	0.702	5.94	0.50	0.35	29.727	0.443	0.000	18.17	8.85
108.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	0.27
108.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	6.57
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.727	0.443	0.000	0.00	0.24
108.0	(4) #18 Dywidag bars	Yes	1.00	1.042	4.00	0.33	0.35	29.727	0.443	0.000	18.17	0.00
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	0.90
109.0	(12) 1 5/8" Coax	Yes	1.00	0.701	5.94	0.50	0.35	29.806	0.446	0.000	18.20	8.85
109.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	0.27
109.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	6.57
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.806	0.446	0.000	0.00	0.24
109.0	(4) #18 Dywidag bars	Yes	1.00	1.041	4.00	0.33	0.35	29.806	0.446	0.000	18.20	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	0.90
110.0	(12) 1 5/8" Coax	Yes	1.00	0.700	5.94	0.50	0.35	29.884	0.450	0.000	18.22	8.85
110.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	0.27
110.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	6.57
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.884	0.450	0.000	0.00	0.24
110.0	(4) #18 Dywidag bars	Yes	1.00	1.039	4.00	0.33	0.35	29.884	0.450	0.000	18.22	0.00
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.00
110.0	(12) 1 5/8" Coax	Yes	0.00	0.700	5.94	0.00	0.00	29.884	0.451	0.000	0.06	0.03
110.0	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.00
110.0	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.02
110.0	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	29.884	0.451	0.000	0.00	0.00
110.0	(4) #18 Dywidag bars	Yes	0.00	1.039	4.00	0.00	0.00	29.884	0.451	0.000	0.06	0.00
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	0.90
111.0	(12) 1 5/8" Coax	Yes	1.00	0.699	5.94	0.49	0.34	29.961	0.453	0.000	18.18	8.83
111.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	0.27
111.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	6.55
111.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.961	0.453	0.000	0.00	0.24
111.0	(4) #18 Dywidag bars	Yes	1.00	1.038	4.00	0.33	0.34	29.961	0.453	0.000	18.18	0.00
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	0.90
112.0	(12) 1 5/8" Coax	Yes	1.00	0.698	5.94	0.50	0.35	30.038	0.456	0.000	18.27	8.85
112.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	0.27
112.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	6.57
112.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.038	0.456	0.000	0.00	0.24
112.0	(4) #18 Dywidag bars	Yes	1.00	1.037	4.00	0.33	0.35	30.038	0.456	0.000	18.27	0.00
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	0.90
113.0	(12) 1 5/8" Coax	Yes	1.00	0.697	5.94	0.50	0.35	30.114	0.460	0.000	18.29	8.85
113.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	0.27
113.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	6.57
113.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.114	0.460	0.000	0.00	0.24
113.0	(4) #18 Dywidag bars	Yes	1.00	1.035	4.00	0.33	0.35	30.114	0.460	0.000	18.29	0.00
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	0.90
114.0	(12) 1 5/8" Coax	Yes	1.00	0.696	5.94	0.50	0.34	30.190	0.463	0.000	18.31	8.85
114.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	0.27
114.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	6.57
114.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.190	0.463	0.000	0.00	0.24
114.0	(4) #18 Dywidag bars	Yes	1.00	1.034	4.00	0.33	0.34	30.190	0.463	0.000	18.31	0.00
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	0.90
115.0	(12) 1 5/8" Coax	Yes	1.00	0.695	5.94	0.50	0.34	30.266	0.467	0.000	18.34	8.85
115.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	0.27
115.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	6.57
115.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.266	0.467	0.000	0.00	0.24
115.0	(4) #18 Dywidag bars	Yes	1.00	1.033	4.00	0.33	0.34	30.266	0.467	0.000	18.34	0.00
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	0.90

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:52 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 50	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

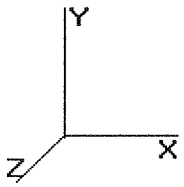
Gust Response Factor : 1.10 — Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

116.0	(12) 1 5/8" Coax	Yes	1.00	0.695	5.94	0.50	0.34	30.341	0.470	0.000	18.36	8.85
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	0.27
116.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	6.57
116.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.341	0.470	0.000	0.00	0.24
116.0	(4) #18 Dywidag bars	Yes	1.00	1.031	4.00	0.33	0.34	30.341	0.470	0.000	18.36	0.00
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	0.90
117.0	(12) 1 5/8" Coax	Yes	1.00	0.694	5.94	0.50	0.34	30.415	0.474	0.000	18.38	8.85
117.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	0.27
117.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	6.57
117.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.415	0.474	0.000	0.00	0.24
117.0	(4) #18 Dywidag bars	Yes	1.00	1.030	4.00	0.33	0.34	30.415	0.474	0.000	18.38	0.00
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	0.90
118.0	(12) 1 5/8" Coax	Yes	1.00	0.693	5.94	0.50	0.34	30.489	0.478	0.000	18.40	8.85
118.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	0.27
118.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	6.57
118.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.489	0.478	0.000	0.00	0.24
118.0	(4) #18 Dywidag bars	Yes	1.00	1.029	4.00	0.33	0.34	30.489	0.478	0.000	18.40	0.00
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	0.90
119.0	(12) 1 5/8" Coax	Yes	1.00	0.692	5.94	0.50	0.34	30.563	0.482	0.000	18.43	8.85
119.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	0.27
119.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	6.57
119.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.563	0.482	0.000	0.00	0.24
119.0	(4) #18 Dywidag bars	Yes	1.00	1.028	4.00	0.33	0.34	30.563	0.482	0.000	18.43	0.00
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	0.90
120.0	(12) 1 5/8" Coax	Yes	1.00	0.691	5.94	0.50	0.34	30.636	0.485	0.000	18.45	8.85
120.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	0.27
120.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	6.57
120.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.636	0.485	0.000	0.00	0.24
120.0	(4) #18 Dywidag bars	Yes	1.00	1.026	4.00	0.33	0.34	30.636	0.485	0.000	18.45	0.00
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	0.90
121.0	(12) 1 5/8" Coax	Yes	1.00	0.690	5.94	0.50	0.34	30.709	0.489	0.000	18.47	8.85
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	0.27
121.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	6.57
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.489	0.000	0.00	0.24
121.0	(4) #18 Dywidag bars	Yes	1.00	1.025	4.00	0.33	0.34	30.709	0.489	0.000	18.47	0.00
122.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	0.90
122.0	(12) 1 5/8" Coax	Yes	1.00	0.690	5.94	0.50	0.34	30.781	0.493	0.000	18.49	8.85
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	0.27
122.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	6.57
122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.493	0.000	0.00	0.24
122.0	(4) #18 Dywidag bars	Yes	1.00	1.024	4.00	0.33	0.34	30.781	0.493	0.000	18.49	0.00
123.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	0.90
123.0	(12) 1 5/8" Coax	Yes	1.00	0.689	5.94	0.50	0.34	30.853	0.497	0.000	18.51	8.85
123.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	0.27
123.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	6.57
123.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.853	0.497	0.000	0.00	0.24
123.0	(4) #18 Dywidag bars	Yes	1.00	1.023	4.00	0.33	0.34	30.853	0.497	0.000	18.51	0.00
124.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	0.90
124.0	(12) 1 5/8" Coax	Yes	1.00	0.688	5.94	0.50	0.34	30.924	0.300	0.000	18.53	8.85
124.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	0.27
124.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	6.57
124.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.924	0.300	0.000	0.00	0.24
125.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	0.90
125.0	(12) 1 5/8" Coax	Yes	1.00	0.687	5.94	0.50	0.34	30.995	0.302	0.000	18.56	8.85
125.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	0.27
125.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	6.57
125.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.995	0.302	0.000	0.00	0.24

Pole :	302484	Code:	ANSI/TIA-222 Rev G
Location :	Branford CT 6, CT	Struct Class :	II
Height :	150.0 (ft)	Exposure Category :	B
Base Dia :	37.38 (in)	Topographic Category :	1
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

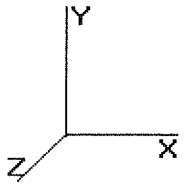


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

126.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	0.90
126.0	(12) 1 5/8" Coax	Yes	1.00	0.686	5.94	0.50	0.34	31.066	0.305	0.000	18.58	8.85
126.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	0.27
126.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	6.57
126.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.066	0.305	0.000	0.00	0.24
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	0.90
127.0	(12) 1 5/8" Coax	Yes	1.00	0.686	5.94	0.50	0.34	31.136	0.307	0.000	18.60	8.85
127.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	0.27
127.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	6.57
127.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.136	0.307	0.000	0.00	0.24
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	0.90
128.0	(12) 1 5/8" Coax	Yes	1.00	0.685	5.94	0.50	0.34	31.206	0.310	0.000	18.62	8.85
128.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	0.27
128.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	6.57
128.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.206	0.310	0.000	0.00	0.24
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	0.90
129.0	(12) 1 5/8" Coax	Yes	1.00	0.684	5.94	0.50	0.34	31.276	0.312	0.000	18.64	8.85
129.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	0.27
129.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	6.57
129.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.276	0.312	0.000	0.00	0.24
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	0.90
130.0	(12) 1 5/8" Coax	Yes	1.00	0.683	5.94	0.50	0.34	31.345	0.315	0.000	18.66	8.85
130.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	0.27
130.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	6.57
130.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.345	0.315	0.000	0.00	0.24
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.413	0.318	0.000	0.00	0.90
131.0	(12) 1 5/8" Coax	Yes	1.00	0.683	5.94	0.50	0.34	31.413	0.318	0.000	18.68	8.85
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.482	0.321	0.000	0.00	0.90
132.0	(12) 1 5/8" Coax	Yes	1.00	0.682	5.94	0.50	0.34	31.482	0.321	0.000	18.70	8.85
133.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.550	0.323	0.000	0.00	0.90
133.0	(12) 1 5/8" Coax	Yes	1.00	0.681	5.94	0.50	0.34	31.550	0.323	0.000	18.72	8.85
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.617	0.326	0.000	0.00	0.90
134.0	(12) 1 5/8" Coax	Yes	1.00	0.680	5.94	0.50	0.34	31.617	0.326	0.000	18.74	8.85
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.684	0.329	0.000	0.00	0.90
135.0	(12) 1 5/8" Coax	Yes	1.00	0.680	5.94	0.50	0.34	31.684	0.329	0.000	18.76	8.85
136.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.751	0.332	0.000	0.00	0.90
136.0	(12) 1 5/8" Coax	Yes	1.00	0.679	5.94	0.50	0.34	31.751	0.332	0.000	18.78	8.85
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.818	0.335	0.000	0.00	0.90
137.0	(12) 1 5/8" Coax	Yes	1.00	0.678	5.94	0.50	0.34	31.818	0.335	0.000	18.80	8.85
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.884	0.338	0.000	0.00	0.90
138.0	(12) 1 5/8" Coax	Yes	1.00	0.678	5.94	0.50	0.34	31.884	0.338	0.000	18.82	8.85
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.950	0.341	0.000	0.00	0.90
139.0	(12) 1 5/8" Coax	Yes	1.00	0.677	5.94	0.50	0.34	31.950	0.341	0.000	18.84	8.85
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	32.015	0.345	0.000	0.00	0.90
140.0	(12) 1 5/8" Coax	Yes	1.00	0.676	5.94	0.50	0.33	32.015	0.345	0.000	18.86	8.85
										Totals:	4,397.65	2,291.44

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



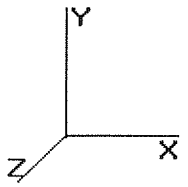
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	169.63	285.37	0.00	0.00
2.00	169.05	284.79	0.00	0.00
3.00	168.46	345.46	0.00	0.00
4.00	167.87	344.88	0.00	0.00
5.00	167.28	344.30	0.00	0.00
6.00	166.69	343.72	0.00	0.00
7.00	166.10	343.14	0.00	0.00
8.00	165.52	342.56	0.00	0.00
9.00	164.93	341.98	0.00	0.00
10.00	164.34	341.40	0.00	0.00
11.00	163.75	340.82	0.00	0.00
12.00	163.16	340.24	0.00	0.00
13.00	162.58	339.66	0.00	0.00
14.00	161.99	339.08	0.00	0.00
15.00	161.40	338.50	0.00	0.00
16.00	160.81	337.92	0.00	0.00
17.00	160.22	337.34	0.00	0.00
18.00	159.64	336.76	0.00	0.00
19.00	159.05	274.94	0.00	0.00
20.00	158.46	274.36	0.00	0.00
21.00	157.87	273.78	0.00	0.00
22.00	157.28	273.20	0.00	0.00
23.00	156.69	272.63	0.00	0.00
24.00	156.11	272.05	0.00	0.00
25.00	155.52	271.47	0.00	0.00
26.00	154.93	270.89	0.00	0.00
27.00	154.34	270.31	0.00	0.00
28.00	153.75	269.73	0.00	0.00
29.00	153.17	269.15	0.00	0.00
30.00	152.70	268.57	0.00	0.00
31.00	153.47	267.99	0.00	0.00
31.50	77.36	134.67	0.00	0.00
32.00	77.70	182.90	0.00	0.00
33.00	157.31	367.45	0.00	0.00
34.00	157.98	366.39	0.00	0.00
35.00	158.61	365.33	0.00	0.00
35.67	106.47	244.17	0.00	0.00
36.00	52.47	81.78	0.00	0.00
37.00	159.78	247.51	0.00	0.00
38.00	160.31	247.02	0.00	0.00
39.00	160.81	246.54	0.00	0.00
40.00	161.28	246.06	0.00	0.00
41.00	161.68	245.57	0.00	0.00
42.00	162.04	245.09	0.00	0.00
43.00	162.37	244.61	0.00	0.00
44.00	162.68	244.12	0.00	0.00
45.00	162.96	243.64	0.00	0.00
46.00	163.22	243.16	0.00	0.00
47.00	163.46	242.67	0.00	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

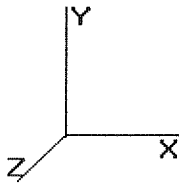


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

48.00	163.68	242.19	0.00	0.00
49.00	163.87	241.70	0.00	0.00
50.00	164.05	241.22	0.00	0.00
51.00	164.20	240.74	0.00	0.00
52.00	164.33	240.25	0.00	0.00
53.00	164.45	239.77	0.00	0.00
54.00	164.54	239.29	0.00	0.00
55.00	164.62	238.80	0.00	0.00
56.00	164.68	238.32	0.00	0.00
57.00	164.73	237.84	0.00	0.00
58.00	164.75	237.35	0.00	0.00
59.00	164.76	236.87	0.00	0.00
60.00	164.76	181.98	0.00	0.00
61.00	164.74	181.50	0.00	0.00
62.00	164.70	181.02	0.00	0.00
63.00	164.65	180.53	0.00	0.00
64.00	164.59	180.05	0.00	0.00
65.00	164.51	179.57	0.00	0.00
66.00	164.42	179.08	0.00	0.00
67.00	164.31	178.60	0.00	0.00
68.00	164.19	178.11	0.00	0.00
69.00	1,097.31	291.03	0.00	933.25
70.00	163.92	177.08	0.00	0.00
70.00	0.55	0.59	0.00	0.00
71.00	165.61	242.86	0.00	0.00
72.00	166.01	242.80	0.00	0.00
73.00	165.83	241.93	0.00	0.00
73.50	83.33	121.44	0.00	0.00
74.00	82.18	79.55	0.00	0.00
75.00	165.46	159.88	0.00	0.00
76.00	165.25	159.49	0.00	0.00
77.00	165.03	159.11	0.00	0.00
78.00	164.81	158.72	0.00	0.00
79.00	164.57	158.34	0.00	0.00
80.00	164.32	157.95	0.00	0.00
81.00	164.06	157.56	0.00	0.00
82.00	163.79	157.18	0.00	0.00
83.00	163.51	156.79	0.00	0.00
84.00	163.22	156.40	0.00	0.00
85.00	162.92	156.02	0.00	0.00
86.00	162.61	155.63	0.00	0.00
87.00	162.29	155.24	0.00	0.00
88.00	161.97	154.86	0.00	0.00
89.00	161.63	154.47	0.00	0.00
90.00	161.28	154.09	0.00	0.00
91.00	160.93	153.70	0.00	0.00
92.00	160.57	153.31	0.00	0.00
93.00	430.91	348.23	0.00	0.00
94.00	159.82	152.24	0.00	0.00
95.00	159.43	151.86	0.00	0.00
96.00	159.03	151.47	0.00	0.00
97.00	158.63	151.08	0.00	0.00
98.00	158.21	150.70	0.00	0.00
99.00	157.79	150.31	0.00	0.00
100.0	157.36	149.93	0.00	0.00
101.0	156.93	149.54	0.00	0.00
102.0	156.49	149.15	0.00	0.00



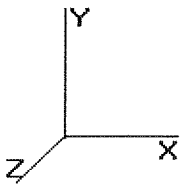
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

103.0		584.45	359.37	0.00	0.00
104.0		155.58	147.79	0.00	0.00
105.0		155.11	147.40	0.00	0.00
106.0		154.64	147.01	0.00	0.00
107.0		154.16	146.63	0.00	0.00
108.0		153.67	146.24	0.00	0.00
109.0		153.18	145.86	0.00	0.00
110.0		152.68	145.47	0.00	0.00
110.0		0.51	0.48	0.00	0.00
111.0		151.66	131.95	0.00	0.00
112.0		151.66	132.10	0.00	0.00
113.0		2,948.14	1,176.17	0.00	0.00
114.0		150.61	123.55	0.00	0.00
115.0		150.07	123.26	0.00	0.00
116.0		149.53	122.97	0.00	0.00
117.0		148.99	122.68	0.00	0.00
118.0		148.44	122.39	0.00	0.00
119.0		147.88	122.10	0.00	0.00
120.0		147.31	67.41	0.00	0.00
121.0		146.74	67.12	0.00	0.00
122.0		181.92	80.33	0.00	0.00
123.0		145.58	66.13	0.00	0.00
124.0		126.46	65.84	0.00	0.00
125.0		125.84	65.55	0.00	0.00
126.0		125.22	65.26	0.00	0.00
127.0		124.59	64.97	0.00	0.00
128.0		123.96	64.68	0.00	0.00
129.0		123.32	64.39	0.00	0.00
130.0		1,558.47	824.24	0.00	0.00
131.0		122.03	56.72	0.00	0.00
132.0		121.38	56.43	0.00	0.00
133.0		120.72	56.14	0.00	0.00
134.0		120.06	55.85	0.00	0.00
135.0		119.39	55.56	0.00	0.00
136.0		118.71	55.27	0.00	0.00
137.0		118.03	54.98	0.00	0.00
138.0		117.35	54.69	0.00	0.00
139.0		116.66	54.40	0.00	0.00
140.0		3,380.79	1,476.47	0.00	0.00
141.0		80.32	44.06	0.00	0.00
142.0		79.72	43.77	0.00	0.00
143.0		79.11	43.48	0.00	0.00
144.0		78.50	43.19	0.00	0.00
145.0		77.89	42.90	0.00	0.00
146.0		77.27	42.61	0.00	0.00
147.0		76.65	42.32	0.00	0.00
148.0		76.03	42.03	0.00	0.00
149.0		75.40	41.74	0.00	0.00
150.0		4,299.61	2,953.58	0.00	6,745.52
	Totals:	35,922.36	34,786.53	0.00	7,678.77

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:53 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 55
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



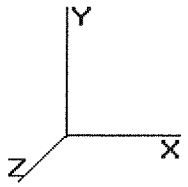
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-34.77	-35.94	0.00	-3,435.61	0.00	3,435.61	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.649
1.00	-34.45	-35.80	0.00	-3,399.67	0.00	3,399.67	3,125.28	1,562.64	4,743.31	2,342.54	0.01	-0.05	0.645
2.00	-34.13	-35.67	0.00	-3,363.87	0.00	3,363.87	3,116.86	1,558.43	4,710.21	2,326.20	0.02	-0.11	0.640
3.00	-33.75	-35.53	0.00	-3,328.20	0.00	3,328.20	3,108.40	1,554.20	4,677.16	2,309.87	0.05	-0.16	0.534
4.00	-33.38	-35.38	0.00	-3,292.68	0.00	3,292.68	3,099.89	1,549.95	4,644.15	2,293.57	0.09	-0.21	0.530
5.00	-33.01	-35.24	0.00	-3,257.29	0.00	3,257.29	3,091.35	1,545.67	4,611.19	2,277.30	0.14	-0.26	0.526
6.00	-32.64	-35.10	0.00	-3,222.05	0.00	3,222.05	3,082.76	1,541.38	4,578.29	2,261.04	0.20	-0.30	0.522
7.00	-32.27	-34.96	0.00	-3,186.95	0.00	3,186.95	3,074.13	1,537.07	4,545.43	2,244.82	0.27	-0.35	0.518
8.00	-31.90	-34.81	0.00	-3,152.00	0.00	3,152.00	3,065.46	1,532.73	4,512.63	2,228.62	0.35	-0.39	0.514
9.00	-31.53	-34.67	0.00	-3,117.18	0.00	3,117.18	3,056.75	1,528.37	4,479.87	2,212.44	0.44	-0.44	0.510
10.00	-31.16	-34.53	0.00	-3,082.51	0.00	3,082.51	3,047.99	1,524.00	4,447.17	2,196.29	0.53	-0.48	0.506
11.00	-30.80	-34.39	0.00	-3,047.98	0.00	3,047.98	3,039.20	1,519.60	4,414.53	2,180.17	0.64	-0.53	0.502
12.00	-30.43	-34.24	0.00	-3,013.60	0.00	3,013.60	3,030.36	1,515.18	4,381.94	2,164.07	0.76	-0.58	0.498
13.00	-30.07	-34.10	0.00	-2,979.35	0.00	2,979.35	3,021.48	1,510.74	4,349.40	2,148.01	0.88	-0.62	0.494
14.00	-29.70	-33.96	0.00	-2,945.25	0.00	2,945.25	3,012.56	1,506.28	4,316.92	2,131.97	1.02	-0.67	0.490
15.00	-29.34	-33.82	0.00	-2,911.29	0.00	2,911.29	3,003.60	1,501.80	4,284.50	2,115.95	1.16	-0.71	0.486
16.00	-28.98	-33.68	0.00	-2,877.47	0.00	2,877.47	2,994.60	1,497.30	4,252.13	2,099.97	1.32	-0.76	0.482
17.00	-28.61	-33.53	0.00	-2,843.80	0.00	2,843.80	2,985.55	1,492.78	4,219.83	2,084.01	1.48	-0.80	0.478
18.00	-28.25	-33.39	0.00	-2,810.27	0.00	2,810.27	2,976.47	1,488.23	4,187.58	2,068.09	1.66	-0.85	0.474
18.00	-28.25	-33.39	0.00	-2,810.27	0.00	2,810.27	2,976.47	1,488.23	4,187.58	2,068.09	1.66	-0.85	0.565
19.00	-27.95	-33.25	0.00	-2,776.88	0.00	2,776.88	2,967.34	1,483.67	4,155.39	2,052.19	1.84	-0.89	0.560
20.00	-27.65	-33.11	0.00	-2,743.63	0.00	2,743.63	2,958.17	1,479.08	4,123.27	2,036.33	2.03	-0.94	0.555
21.00	-27.35	-32.98	0.00	-2,710.51	0.00	2,710.51	2,948.96	1,474.48	4,091.20	2,020.49	2.23	-1.00	0.551
22.00	-27.05	-32.84	0.00	-2,677.54	0.00	2,677.54	2,939.70	1,469.85	4,059.20	2,004.69	2.45	-1.05	0.546
23.00	-26.75	-32.70	0.00	-2,644.70	0.00	2,644.70	2,930.41	1,465.20	4,027.26	1,988.91	2.67	-1.10	0.541
24.00	-26.45	-32.56	0.00	-2,612.00	0.00	2,612.00	2,921.07	1,460.54	3,995.39	1,973.17	2.91	-1.15	0.536
25.00	-26.15	-32.43	0.00	-2,579.43	0.00	2,579.43	2,911.70	1,455.85	3,963.58	1,957.46	3.16	-1.21	0.532
26.00	-25.86	-32.29	0.00	-2,547.01	0.00	2,547.01	2,902.28	1,451.14	3,931.84	1,941.79	3.42	-1.26	0.527
27.00	-25.56	-32.15	0.00	-2,514.72	0.00	2,514.72	2,892.81	1,446.41	3,900.17	1,926.14	3.69	-1.31	0.522
28.00	-25.27	-32.02	0.00	-2,482.57	0.00	2,482.57	2,883.31	1,441.66	3,868.56	1,910.54	3.97	-1.36	0.517
29.00	-24.97	-31.88	0.00	-2,450.55	0.00	2,450.55	2,873.77	1,436.88	3,837.02	1,894.96	4.26	-1.41	0.512
30.00	-24.68	-31.74	0.00	-2,418.67	0.00	2,418.67	2,864.18	1,432.09	3,805.55	1,879.42	4.56	-1.46	0.507
31.00	-24.39	-31.60	0.00	-2,386.93	0.00	2,386.93	2,854.56	1,427.28	3,774.15	1,863.91	4.87	-1.52	0.503
31.50	-24.25	-31.53	0.00	-2,371.03	0.00	2,371.03	2,849.69	1,424.85	3,758.37	1,856.12	5.03	-1.54	0.500
32.00	-24.05	-31.46	0.00	-2,355.37	0.00	2,355.37	2,844.89	1,422.44	3,742.82	1,848.44	5.20	-1.57	0.489
33.00	-23.65	-31.31	0.00	-2,323.91	0.00	2,323.91	2,833.37	1,416.69	3,709.20	1,831.83	5.53	-1.62	0.485
34.00	-23.27	-31.17	0.00	-2,292.60	0.00	2,292.60	2,819.42	1,409.71	3,672.56	1,813.74	5.88	-1.67	0.481
35.00	-22.88	-31.01	0.00	-2,261.43	0.00	2,261.43	2,805.48	1,402.74	3,636.10	1,795.73	6.23	-1.72	0.477
35.67	-22.63	-30.91	0.00	-2,240.65	0.00	2,240.65	2,236.04	1,118.02	2,957.95	1,460.82	6.47	-1.75	0.537
36.00	-22.53	-30.87	0.00	-2,230.45	0.00	2,230.45	2,233.84	1,116.92	2,950.23	1,457.01	6.60	-1.77	0.536
37.00	-22.26	-30.72	0.00	-2,199.59	0.00	2,199.59	2,227.15	1,113.58	2,926.88	1,445.48	6.97	-1.82	0.530
38.00	-21.99	-30.57	0.00	-2,168.87	0.00	2,168.87	2,220.42	1,110.21	2,903.56	1,433.96	7.36	-1.87	0.524
39.00	-21.72	-30.42	0.00	-2,138.30	0.00	2,138.30	2,213.65	1,106.83	2,880.28	1,422.46	7.76	-1.92	0.518
40.00	-21.46	-30.27	0.00	-2,107.88	0.00	2,107.88	2,206.84	1,103.42	2,857.02	1,410.98	8.17	-1.97	0.512
41.00	-21.19	-30.12	0.00	-2,077.60	0.00	2,077.60	2,199.98	1,099.99	2,833.81	1,399.51	8.58	-2.02	0.506
42.00	-20.92	-29.97	0.00	-2,047.49	0.00	2,047.49	2,193.09	1,096.54	2,810.63	1,388.06	9.01	-2.07	0.500
43.00	-20.66	-29.81	0.00	-2,017.52	0.00	2,017.52	2,186.15	1,093.07	2,787.48	1,376.63	9.45	-2.12	0.494
44.00	-20.40	-29.66	0.00	-1,987.71	0.00	1,987.71	2,179.17	1,089.58	2,764.38	1,365.22	9.90	-2.17	0.489
45.00	-20.13	-29.51	0.00	-1,958.05	0.00	1,958.05	2,172.15	1,086.07	2,741.31	1,353.83	10.37	-2.22	0.483
46.00	-19.87	-29.35	0.00	-1,928.54	0.00	1,928.54	2,165.08	1,082.54	2,718.28	1,342.46	10.84	-2.27	0.477
47.00	-19.61	-29.19	0.00	-1,899.19	0.00	1,899.19	2,157.98	1,078.99	2,695.29	1,331.10	11.32	-2.32	0.471

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 56
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

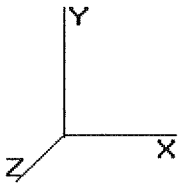


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

48.00	-19.35	-29.04	0.00	-1,870.00	0.00	1,870.00	2,150.84	1,075.42	2,672.35	1,319.77	11.81	-2.37	0.465
49.00	-19.09	-28.88	0.00	-1,840.96	0.00	1,840.96	2,143.65	1,071.82	2,649.44	1,308.46	12.31	-2.42	0.459
50.00	-18.83	-28.72	0.00	-1,812.08	0.00	1,812.08	2,136.42	1,068.21	2,626.58	1,297.17	12.82	-2.47	0.453
51.00	-18.58	-28.56	0.00	-1,783.36	0.00	1,783.36	2,129.15	1,064.57	2,603.76	1,285.90	13.35	-2.51	0.448
52.00	-18.32	-28.40	0.00	-1,754.80	0.00	1,754.80	2,121.84	1,060.92	2,580.99	1,274.65	13.88	-2.56	0.442
53.00	-18.07	-28.24	0.00	-1,726.40	0.00	1,726.40	2,114.48	1,057.24	2,558.26	1,263.43	14.42	-2.61	0.436
54.00	-17.81	-28.08	0.00	-1,698.16	0.00	1,698.16	2,107.09	1,053.54	2,535.57	1,252.22	14.97	-2.66	0.430
55.00	-17.56	-27.92	0.00	-1,670.08	0.00	1,670.08	2,099.65	1,049.82	2,512.93	1,241.04	15.53	-2.70	0.424
56.00	-17.30	-27.76	0.00	-1,642.16	0.00	1,642.16	2,092.17	1,046.09	2,490.35	1,229.89	16.10	-2.75	0.418
57.00	-17.05	-27.60	0.00	-1,614.41	0.00	1,614.41	2,084.65	1,042.33	2,467.80	1,218.76	16.69	-2.80	0.413
58.00	-16.80	-27.43	0.00	-1,586.81	0.00	1,586.81	2,077.09	1,038.54	2,445.31	1,207.65	17.28	-2.84	0.407
59.00	-16.55	-27.27	0.00	-1,559.38	0.00	1,559.38	2,069.49	1,034.74	2,422.87	1,196.56	17.88	-2.89	0.401
59.00	-16.55	-27.27	0.00	-1,559.38	0.00	1,559.38	2,069.49	1,034.74	2,422.87	1,196.56	17.88	-2.89	0.571
60.00	-16.35	-27.11	0.00	-1,532.11	0.00	1,532.11	2,061.84	1,030.92	2,400.48	1,185.51	18.49	-2.93	0.563
61.00	-16.15	-26.95	0.00	-1,505.00	0.00	1,505.00	2,054.15	1,027.08	2,378.14	1,174.47	19.11	-3.00	0.556
62.00	-15.95	-26.80	0.00	-1,478.05	0.00	1,478.05	2,046.43	1,023.21	2,355.85	1,163.47	19.74	-3.06	0.548
63.00	-15.75	-26.64	0.00	-1,451.25	0.00	1,451.25	2,038.66	1,019.33	2,333.61	1,152.48	20.39	-3.12	0.540
64.00	-15.55	-26.48	0.00	-1,424.61	0.00	1,424.61	2,030.85	1,015.42	2,311.43	1,141.53	21.05	-3.19	0.532
65.00	-15.35	-26.33	0.00	-1,398.12	0.00	1,398.12	2,022.99	1,011.50	2,289.31	1,130.60	21.73	-3.25	0.524
66.00	-15.15	-26.17	0.00	-1,371.80	0.00	1,371.80	2,015.10	1,007.55	2,267.24	1,119.70	22.41	-3.31	0.517
67.00	-14.96	-26.01	0.00	-1,345.63	0.00	1,345.63	2,007.16	1,003.58	2,245.22	1,108.83	23.11	-3.37	0.509
68.00	-14.76	-25.85	0.00	-1,319.62	0.00	1,319.62	1,999.18	999.59	2,223.27	1,097.99	23.83	-3.43	0.501
69.00	-14.51	-24.75	0.00	-1,292.83	0.00	1,292.83	1,991.17	995.58	2,201.37	1,087.17	24.55	-3.49	0.493
70.00	-14.33	-24.59	0.00	-1,268.08	0.00	1,268.08	1,983.10	991.55	2,179.53	1,076.39	25.29	-3.55	0.485
70.00	-14.32	-24.59	0.00	-1,268.00	0.00	1,268.00	1,983.08	991.54	2,179.46	1,076.35	25.29	-3.55	0.485
71.00	-14.06	-24.43	0.00	-1,243.49	0.00	1,243.49	1,973.67	986.83	2,156.29	1,064.91	26.04	-3.61	0.471
72.00	-13.80	-24.26	0.00	-1,219.06	0.00	1,219.06	1,962.03	981.01	2,130.78	1,052.31	26.80	-3.67	0.465
73.00	-13.56	-24.09	0.00	-1,194.80	0.00	1,194.80	1,950.39	975.19	2,105.42	1,039.79	27.58	-3.73	0.458
73.50	-13.43	-24.00	0.00	-1,182.68	0.00	1,182.68	1,462.66	731.33	1,612.14	796.18	27.97	-3.75	0.534
74.00	-13.34	-23.93	0.00	-1,170.75	0.00	1,170.75	1,460.16	730.08	1,604.66	792.48	28.36	-3.78	0.530
75.00	-13.16	-23.77	0.00	-1,146.83	0.00	1,146.83	1,455.09	727.55	1,589.60	785.05	29.16	-3.84	0.520
76.00	-12.99	-23.60	0.00	-1,123.06	0.00	1,123.06	1,449.99	724.99	1,574.57	777.62	29.97	-3.90	0.511
77.00	-12.82	-23.44	0.00	-1,099.46	0.00	1,099.46	1,444.84	722.42	1,559.56	770.21	30.80	-3.96	0.502
78.00	-12.65	-23.28	0.00	-1,076.02	0.00	1,076.02	1,439.65	719.82	1,544.57	762.81	31.63	-4.02	0.493
79.00	-12.48	-23.12	0.00	-1,052.74	0.00	1,052.74	1,434.42	717.21	1,529.61	755.42	32.48	-4.08	0.483
80.00	-12.31	-22.95	0.00	-1,029.62	0.00	1,029.62	1,429.14	714.57	1,514.67	748.04	33.34	-4.13	0.474
81.00	-12.14	-22.79	0.00	-1,006.67	0.00	1,006.67	1,423.83	711.91	1,499.76	740.67	34.21	-4.19	0.465
82.00	-11.98	-22.63	0.00	-983.88	0.00	983.88	1,418.47	709.24	1,484.87	733.32	35.10	-4.25	0.456
83.00	-11.81	-22.46	0.00	-961.25	0.00	961.25	1,413.07	706.54	1,470.00	725.98	35.99	-4.30	0.446
84.00	-11.65	-22.30	0.00	-938.79	0.00	938.79	1,407.64	703.82	1,455.17	718.65	36.90	-4.36	0.437
85.00	-11.48	-22.14	0.00	-916.49	0.00	916.49	1,402.15	701.08	1,440.36	711.34	37.82	-4.41	0.428
86.00	-11.32	-21.97	0.00	-894.36	0.00	894.36	1,396.63	698.32	1,425.58	704.04	38.75	-4.46	0.419
87.00	-11.16	-21.81	0.00	-872.39	0.00	872.39	1,391.07	695.53	1,410.84	696.76	39.69	-4.51	0.410
88.00	-11.00	-21.64	0.00	-850.58	0.00	850.58	1,385.46	692.73	1,396.12	689.49	40.64	-4.57	0.401
89.00	-10.84	-21.48	0.00	-828.93	0.00	828.93	1,379.82	689.91	1,381.43	682.24	41.60	-4.62	0.392
90.00	-10.68	-21.32	0.00	-807.45	0.00	807.45	1,374.13	687.06	1,366.78	675.00	42.57	-4.67	0.383
91.00	-10.52	-21.15	0.00	-786.14	0.00	786.14	1,368.40	684.20	1,352.16	667.78	43.55	-4.72	0.374
92.00	-10.36	-20.99	0.00	-764.98	0.00	764.98	1,362.62	681.31	1,337.57	660.58	44.55	-4.77	0.365
93.00	-10.03	-20.54	0.00	-744.00	0.00	744.00	1,356.81	678.41	1,323.02	653.39	45.55	-4.81	0.356
94.00	-9.88	-20.37	0.00	-723.46	0.00	723.46	1,350.95	675.48	1,308.50	646.22	46.56	-4.86	0.347
95.00	-9.73	-20.21	0.00	-703.08	0.00	703.08	1,345.06	672.53	1,294.02	639.07	47.58	-4.91	0.338
96.00	-9.57	-20.05	0.00	-682.87	0.00	682.87	1,339.12	669.56	1,279.58	631.94	48.62	-4.95	0.330
97.00	-9.42	-19.88	0.00	-662.83	0.00	662.83	1,333.14	666.57	1,265.17	624.82	49.66	-5.00	0.321
98.00	-9.27	-19.72	0.00	-642.95	0.00	642.95	1,327.12	663.56	1,250.81	617.73	50.71	-5.04	0.312
99.00	-9.12	-19.56	0.00	-623.23	0.00	623.23	1,321.05	660.53	1,236.48	610.65	51.77	-5.08	0.303
100.00	-8.97	-19.39	0.00	-603.67	0.00	603.67	1,314.95	657.47	1,222.19	603.60	52.84	-5.13	0.295
101.00	-8.82	-19.23	0.00	-584.28	0.00	584.28	1,308.80	654.40	1,207.95	596.56	53.92	-5.17	0.286

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 57
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

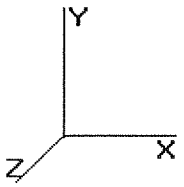


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60
Wind Importance Factor : 1.00

102.00	-8.67	-19.07	0.00	-565.05	0.00	565.05	1,302.62	651.31	1,193.75	589.55	55.00	-5.21	0.278
103.00	-8.36	-18.46	0.00	-545.99	0.00	545.99	1,296.39	648.19	1,179.59	582.55	56.10	-5.25	0.269
104.00	-8.21	-18.29	0.00	-527.53	0.00	527.53	1,290.11	645.06	1,165.47	575.58	57.20	-5.29	0.261
105.00	-8.07	-18.13	0.00	-509.24	0.00	509.24	1,283.80	641.90	1,151.40	568.63	58.31	-5.33	0.252
106.00	-7.92	-17.97	0.00	-491.11	0.00	491.11	1,277.45	638.72	1,137.37	561.70	59.43	-5.36	0.244
107.00	-7.78	-17.81	0.00	-473.14	0.00	473.14	1,271.05	635.53	1,123.39	554.80	60.55	-5.40	0.236
108.00	-7.64	-17.64	0.00	-455.34	0.00	455.34	1,264.61	632.31	1,109.46	547.92	61.69	-5.43	0.228
109.00	-7.50	-17.48	0.00	-437.69	0.00	437.69	1,256.49	628.25	1,094.14	540.35	62.83	-5.47	0.220
110.00	-7.36	-17.32	0.00	-420.21	0.00	420.21	1,247.19	623.60	1,077.91	532.34	63.98	-5.50	0.212
110.00	-7.36	-17.32	0.00	-420.15	0.00	420.15	1,247.16	623.58	1,077.86	532.31	63.98	-5.50	0.212
110.00	-7.36	-17.32	0.00	-420.15	0.00	420.15	849.80	424.90	738.78	364.86	63.98	-5.50	0.252
111.00	-7.23	-17.16	0.00	-402.89	0.00	402.89	846.28	423.14	730.22	360.63	65.13	-5.53	0.242
112.00	-7.10	-17.00	0.00	-385.73	0.00	385.73	842.69	421.35	721.63	356.39	66.29	-5.57	0.232
113.00	-6.21	-13.95	0.00	-368.73	0.00	368.73	839.07	419.54	713.06	352.15	67.46	-5.60	0.221
114.00	-6.10	-13.80	0.00	-354.78	0.00	354.78	835.41	417.70	704.50	347.92	68.64	-5.63	0.213
115.00	-5.98	-13.64	0.00	-340.98	0.00	340.98	831.70	415.85	695.95	343.70	69.82	-5.66	0.205
116.00	-5.87	-13.48	0.00	-327.34	0.00	327.34	827.95	413.98	687.42	339.49	71.01	-5.69	0.197
117.00	-5.75	-13.32	0.00	-313.86	0.00	313.86	824.16	412.08	678.90	335.28	72.20	-5.72	0.189
118.00	-5.64	-13.17	0.00	-300.54	0.00	300.54	820.33	410.17	670.39	331.08	73.40	-5.75	0.181
119.00	-5.53	-13.01	0.00	-287.38	0.00	287.38	816.46	408.23	661.91	326.89	74.60	-5.78	0.174
119.00	-5.53	-13.01	0.00	-287.38	0.00	287.38	816.46	408.23	661.91	326.89	74.60	-5.78	0.887
120.00	-5.46	-12.86	0.00	-274.37	0.00	274.37	812.54	406.27	653.43	322.71	75.82	-5.80	0.858
121.00	-5.38	-12.72	0.00	-261.51	0.00	261.51	808.59	404.29	644.98	318.53	77.04	-5.93	0.829
122.00	-5.29	-12.54	0.00	-248.78	0.00	248.78	804.59	402.30	636.55	314.37	78.30	-6.06	0.799
123.00	-5.21	-12.40	0.00	-236.24	0.00	236.24	800.55	400.28	628.13	310.21	79.58	-6.19	0.769
124.00	-5.13	-12.28	0.00	-223.84	0.00	223.84	796.47	398.24	619.74	306.07	80.89	-6.31	0.739
125.00	-5.06	-12.16	0.00	-211.55	0.00	211.55	792.35	396.17	611.37	301.93	82.22	-6.43	0.708
126.00	-4.98	-12.04	0.00	-199.39	0.00	199.39	788.19	394.09	603.01	297.81	83.58	-6.55	0.677
127.00	-4.91	-11.92	0.00	-187.36	0.00	187.36	783.98	391.99	594.69	293.69	84.96	-6.66	0.645
128.00	-4.84	-11.79	0.00	-175.44	0.00	175.44	779.73	389.87	586.38	289.59	86.36	-6.76	0.613
129.00	-4.77	-11.67	0.00	-163.65	0.00	163.65	775.44	387.72	578.10	285.50	87.79	-6.87	0.580
130.00	-4.12	-10.03	0.00	-151.97	0.00	151.97	771.11	385.56	569.85	281.43	89.23	-6.97	0.546
131.00	-4.06	-9.91	0.00	-141.94	0.00	141.94	766.74	383.37	561.62	277.36	90.70	-7.06	0.518
132.00	-4.01	-9.79	0.00	-132.03	0.00	132.03	762.33	381.16	553.41	273.31	92.18	-7.15	0.489
133.00	-3.95	-9.67	0.00	-122.24	0.00	122.24	757.87	378.94	545.24	269.27	93.69	-7.23	0.460
134.00	-3.90	-9.55	0.00	-112.57	0.00	112.57	753.38	376.69	537.09	265.25	95.21	-7.31	0.430
135.00	-3.85	-9.43	0.00	-103.02	0.00	103.02	748.84	374.42	528.98	261.24	96.74	-7.39	0.400
136.00	-3.80	-9.31	0.00	-93.59	0.00	93.59	744.26	372.13	520.89	257.25	98.30	-7.46	0.370
137.00	-3.75	-9.19	0.00	-84.28	0.00	84.28	739.64	369.82	512.83	253.27	99.86	-7.53	0.338
138.00	-3.70	-9.07	0.00	-75.09	0.00	75.09	734.98	367.49	504.81	249.31	101.44	-7.59	0.307
139.00	-3.65	-8.95	0.00	-66.03	0.00	66.03	730.27	365.14	496.82	245.36	103.03	-7.65	0.275
140.00	-2.64	-5.40	0.00	-57.08	0.00	57.08	725.52	362.76	488.86	241.43	104.64	-7.70	0.240
141.00	-2.60	-5.32	0.00	-51.67	0.00	51.67	720.74	360.37	480.93	237.51	106.25	-7.74	0.221
142.00	-2.56	-5.24	0.00	-46.35	0.00	46.35	715.91	357.95	473.04	233.62	107.87	-7.78	0.202
143.00	-2.53	-5.15	0.00	-41.12	0.00	41.12	709.92	354.96	464.46	229.38	109.50	-7.82	0.183
144.00	-2.49	-5.07	0.00	-35.96	0.00	35.96	702.92	351.46	455.30	224.86	111.14	-7.86	0.164
145.00	-2.46	-4.99	0.00	-30.89	0.00	30.89	695.93	347.97	446.23	220.38	112.78	-7.89	0.144
146.00	-2.43	-4.91	0.00	-25.90	0.00	25.90	688.94	344.47	437.26	215.95	114.43	-7.92	0.124
147.00	-2.39	-4.83	0.00	-20.99	0.00	20.99	681.95	340.97	428.38	211.56	116.09	-7.94	0.103
148.00	-2.36	-4.75	0.00	-16.16	0.00	16.16	674.96	337.48	419.58	207.22	117.75	-7.96	0.082
149.00	-2.33	-4.67	0.00	-11.41	0.00	11.41	667.96	333.98	410.88	202.92	119.41	-7.97	0.060
150.00	0.00	-4.30	0.00	-6.75	0.00	6.75	660.97	330.49	402.27	198.67	121.08	-7.98	0.034

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 58
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

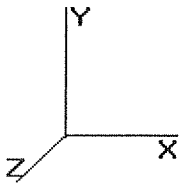
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200		0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.057	1.00	3.394	4.07	19.1	52.4	343.3
2.00	Reinf Bottom Reinf	1.00	0.70	4.256	4.682	0.000	1.200	*	1.133	1.00	3.393	4.07	19.1	56.1	346.2
3.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.180	1.00	3.388	4.07	19.0	58.2	408.8
4.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.215	1.00	3.380	4.06	19.0	59.7	409.5
5.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.242	1.00	3.371	4.05	18.9	60.9	409.9
6.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.265	1.00	3.361	4.03	18.9	61.8	410.0
7.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.285	1.00	3.351	4.02	18.8	62.5	410.0
8.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.302	1.00	3.340	4.01	18.8	63.1	409.8
9.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.317	1.00	3.330	4.00	18.7	63.6	409.5
10.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.331	1.00	3.318	3.98	18.6	64.0	409.2
11.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.344	1.00	3.307	3.97	18.6	64.4	408.8
12.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.356	1.00	3.295	3.95	18.5	64.7	408.3
13.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.367	1.00	3.284	3.94	18.4	65.0	407.8
14.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.377	1.00	3.272	3.93	18.4	65.2	407.2
15.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.386	1.00	3.260	3.91	18.3	65.4	406.7
16.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.395	1.00	3.248	3.90	18.2	65.5	406.0
17.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.404	1.00	3.236	3.88	18.2	65.6	405.4
18.00	Reinf. Top Reinf. Top	1.00	0.70	4.256	4.682	0.000	1.200	*	1.412	1.00	3.224	3.87	18.1	65.7	404.7
19.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.419	1.00	3.211	3.85	18.0	65.8	342.8
20.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.427	1.00	3.199	3.84	18.0	65.9	342.1
21.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.434	1.00	3.187	3.82	17.9	65.9	341.4
22.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.440	1.00	3.174	3.81	17.8	66.0	340.6
23.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.447	1.00	3.162	3.79	17.8	66.0	339.8
24.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.453	1.00	3.149	3.78	17.7	66.0	339.1
25.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.459	1.00	3.137	3.76	17.6	66.0	338.3
26.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.465	1.00	3.124	3.75	17.6	65.9	337.5
27.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.470	1.00	3.112	3.73	17.5	65.9	336.7
28.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.476	1.00	3.099	3.72	17.4	65.8	335.8
29.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.481	1.00	3.086	3.70	17.3	65.8	335.0
30.00		1.00	0.70	4.260	4.686	0.000	1.200	*	1.486	1.00	3.074	3.69	17.3	65.7	334.2
31.00		1.00	0.70	4.300	4.730	0.000	1.200	*	1.491	1.00	3.061	3.67	17.4	65.6	333.3
31.50	Bot - Section 2	1.00	0.71	4.320	4.751	0.000	1.200	*	1.493	0.50	1.536	1.84	8.8	33.0	167.5
32.00		1.00	0.71	4.339	4.773	0.000	1.200	*	1.495	0.50	1.539	1.85	8.8	33.2	232.5
33.00		1.00	0.72	4.377	4.815	0.000	1.200	*	1.500	1.00	3.090	3.71	17.9	66.7	467.0
34.00		1.00	0.72	4.415	4.856	0.000	1.200	*	1.504	1.00	3.077	3.69	17.9	66.6	465.5
35.00		1.00	0.73	4.451	4.897	0.000	1.200	*	1.509	1.00	3.064	3.68	18.0	66.5	463.9
35.67	Top - Section 1	1.00	0.73	4.476	4.923	0.000	1.200	*	1.512	0.67	2.046	2.45	12.1	44.5	310.0
36.00		1.00	0.73	4.487	4.936	0.000	1.200	*	1.513	0.33	1.005	1.21	6.0	21.9	101.4
37.00		1.00	0.74	4.523	4.975	0.000	1.200	*	1.517	1.00	3.038	3.65	18.1	66.2	306.6
38.00		1.00	0.75	4.557	5.013	0.000	1.200	*	1.521	1.00	3.025	3.63	18.2	66.1	305.9
39.00		1.00	0.75	4.591	5.050	0.000	1.200	*	1.525	1.00	3.013	3.62	18.3	66.0	305.1
40.00		1.00	0.76	4.625	5.087	0.000	1.200	*	1.529	1.00	3.000	3.60	18.3	65.8	304.3
41.00		1.00	0.76	4.657	5.123	0.000	1.200	*	1.533	1.00	2.987	3.58	18.4	65.7	303.5
42.00		1.00	0.77	4.689	5.158	0.000	1.200	*	1.537	1.00	2.974	3.57	18.4	65.6	302.7
43.00		1.00	0.77	4.721	5.193	0.000	1.200	*	1.540	1.00	2.961	3.55	18.5	65.4	301.9
44.00		1.00	0.78	4.752	5.227	0.000	1.200	*	1.544	1.00	2.948	3.54	18.5	65.2	301.1
45.00		1.00	0.78	4.783	5.261	0.000	1.200	*	1.547	1.00	2.935	3.52	18.5	65.1	300.3
46.00		1.00	0.79	4.813	5.294	0.000	1.200	*	1.551	1.00	2.922	3.51	18.6	64.9	299.5
47.00		1.00	0.79	4.843	5.327	0.000	1.200	*	1.554	1.00	2.909	3.49	18.6	64.8	298.7
48.00		1.00	0.80	4.872	5.359	0.000	1.200	*	1.557	1.00	2.896	3.48	18.6	64.6	297.9

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 59
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

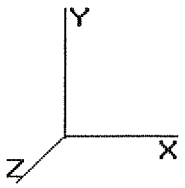
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

49.00		1.00	0.80	4.901	5.391	0.000	1.200 *	1.560	1.00	2.883	3.46	18.7	64.4	297.0
50.00		1.00	0.81	4.929	5.422	0.000	1.200 *	1.564	1.00	2.870	3.44	18.7	64.2	296.2
51.00		1.00	0.81	4.957	5.453	0.000	1.200 *	1.567	1.00	2.857	3.43	18.7	64.0	295.4
52.00		1.00	0.82	4.984	5.483	0.000	1.200 *	1.570	1.00	2.844	3.41	18.7	63.8	294.6
53.00		1.00	0.82	5.012	5.513	0.000	1.200 *	1.573	1.00	2.831	3.40	18.7	63.7	293.7
54.00		1.00	0.82	5.039	5.542	0.000	1.200 *	1.576	1.00	2.818	3.38	18.7	63.5	292.9
55.00		1.00	0.83	5.065	5.572	0.000	1.200 *	1.579	1.00	2.805	3.37	18.8	63.3	292.0
56.00		1.00	0.83	5.091	5.600	0.000	1.200 *	1.581	1.00	2.792	3.35	18.8	63.1	291.2
57.00		1.00	0.84	5.117	5.629	0.000	1.200 *	1.584	1.00	2.779	3.33	18.8	62.9	290.3
58.00		1.00	0.84	5.142	5.657	0.000	1.200 *	1.587	1.00	2.766	3.32	18.8	62.6	289.5
59.00	Reinf. Top	1.00	0.85	5.168	5.684	0.000	1.200 *	1.590	1.00	2.753	3.30	18.8	62.4	288.6
60.00		1.00	0.85	5.193	5.712	0.000	1.200 *	1.592	1.00	2.740	3.29	18.8	62.2	233.4
61.00		1.00	0.85	5.217	5.739	0.000	1.200 *	1.595	1.00	2.727	3.27	18.8	62.0	232.5
62.00		1.00	0.86	5.241	5.766	0.000	1.200 *	1.598	1.00	2.714	3.26	18.8	61.8	231.7
63.00		1.00	0.86	5.265	5.792	0.000	1.200 *	1.600	1.00	2.701	3.24	18.8	61.6	230.8
64.00		1.00	0.87	5.289	5.818	0.000	1.200 *	1.603	1.00	2.688	3.23	18.8	61.3	229.9
65.00		1.00	0.87	5.313	5.844	0.000	1.200 *	1.605	1.00	2.674	3.21	18.8	61.1	229.0
66.00		1.00	0.87	5.336	5.869	0.000	1.200 *	1.608	1.00	2.661	3.19	18.7	60.9	228.2
67.00		1.00	0.88	5.359	5.895	0.000	1.200 *	1.610	1.00	2.648	3.18	18.7	60.7	227.3
68.00		1.00	0.88	5.382	5.920	0.000	1.200 *	1.612	1.00	2.635	3.16	18.7	60.4	226.4
69.00	Appertunance(s)	1.00	0.88	5.404	5.944	0.000	1.200 *	1.615	1.00	2.622	3.15	18.7	60.2	225.5
70.00		1.00	0.89	5.426	5.969	0.000	1.200 *	1.617	1.00	2.609	3.13	18.7	60.0	224.7
70.00	Bot - Section 3	1.00	0.89	5.426	5.969	0.000	1.200 *	1.617	0.00	0.009	0.01	0.1	0.2	0.7
71.00		1.00	0.89	5.448	5.993	0.000	1.200 *	1.619	1.00	2.630	3.16	18.9	60.6	313.2
72.00		1.00	0.90	5.470	6.017	0.000	1.200 *	1.622	1.00	2.626	3.15	19.0	60.5	312.9
73.00		1.00	0.90	5.492	6.041	0.000	1.200 *	1.624	1.00	2.613	3.14	18.9	60.3	311.5
73.50	Top - Section 2	1.00	0.90	5.503	6.053	0.000	1.200 *	1.625	0.50	1.310	1.57	9.5	30.3	156.3
74.00		1.00	0.90	5.513	6.064	0.000	1.200 *	1.626	0.50	1.289	1.55	9.4	29.8	100.4
75.00		1.00	0.91	5.534	6.088	0.000	1.200 *	1.628	1.00	2.586	3.10	18.9	59.8	201.6
76.00		1.00	0.91	5.555	6.111	0.000	1.200 *	1.631	1.00	2.573	3.09	18.9	59.5	200.8
77.00		1.00	0.91	5.576	6.134	0.000	1.200 *	1.633	1.00	2.560	3.07	18.8	59.3	200.0
78.00		1.00	0.92	5.597	6.156	0.000	1.200 *	1.635	1.00	2.547	3.06	18.8	59.0	199.3
79.00		1.00	0.92	5.617	6.179	0.000	1.200 *	1.637	1.00	2.534	3.04	18.8	58.8	198.5
80.00		1.00	0.92	5.637	6.201	0.000	1.200 *	1.639	1.00	2.520	3.02	18.8	58.5	197.7
81.00		1.00	0.93	5.657	6.223	0.000	1.200 *	1.641	1.00	2.507	3.01	18.7	58.3	197.0
82.00		1.00	0.93	5.677	6.245	0.000	1.200 *	1.643	1.00	2.494	2.99	18.7	58.0	196.2
83.00		1.00	0.93	5.697	6.267	0.000	1.200 *	1.645	1.00	2.481	2.98	18.7	57.8	195.4
84.00		1.00	0.94	5.716	6.288	0.000	1.200 *	1.647	1.00	2.468	2.96	18.6	57.5	194.6
85.00		1.00	0.94	5.736	6.309	0.000	1.200 *	1.649	1.00	2.454	2.95	18.6	57.2	193.9
86.00		1.00	0.94	5.755	6.331	0.000	1.200 *	1.651	1.00	2.441	2.93	18.5	57.0	193.1
87.00		1.00	0.95	5.774	6.351	0.000	1.200 *	1.653	1.00	2.428	2.91	18.5	56.7	192.3
88.00		1.00	0.95	5.793	6.372	0.000	1.200 *	1.655	1.00	2.415	2.90	18.5	56.4	191.5
89.00		1.00	0.95	5.812	6.393	0.000	1.200 *	1.656	1.00	2.402	2.88	18.4	56.2	190.7
90.00		1.00	0.95	5.830	6.413	0.000	1.200 *	1.658	1.00	2.388	2.87	18.4	55.9	190.0
91.00		1.00	0.96	5.849	6.434	0.000	1.200 *	1.660	1.00	2.375	2.85	18.3	55.6	189.2
92.00		1.00	0.96	5.867	6.454	0.000	1.200 *	1.662	1.00	2.362	2.83	18.3	55.4	188.4
93.00	Appertunance(s)	1.00	0.96	5.885	6.474	0.000	1.200 *	1.664	1.00	2.349	2.82	18.2	55.1	187.6
94.00		1.00	0.97	5.903	6.493	0.000	1.200 *	1.666	1.00	2.336	2.80	18.2	54.8	186.8
95.00		1.00	0.97	5.921	6.513	0.000	1.200 *	1.667	1.00	2.322	2.79	18.2	54.5	186.0
96.00		1.00	0.97	5.939	6.533	0.000	1.200 *	1.669	1.00	2.309	2.77	18.1	54.3	185.2
97.00		1.00	0.98	5.956	6.552	0.000	1.200 *	1.671	1.00	2.296	2.76	18.1	54.0	184.4
98.00		1.00	0.98	5.974	6.571	0.000	1.200 *	1.672	1.00	2.283	2.74	18.0	53.7	183.6
99.00		1.00	0.98	5.991	6.590	0.000	1.200 *	1.674	1.00	2.269	2.72	17.9	53.4	182.8
100.0		1.00	0.98	6.008	6.609	0.000	1.200 *	1.676	1.00	2.256	2.71	17.9	53.1	182.0
101.0		1.00	0.99	6.026	6.628	0.000	1.200 *	1.678	1.00	2.243	2.69	17.8	52.8	181.2
102.0		1.00	0.99	6.043	6.647	0.000	1.200 *	1.679	1.00	2.230	2.68	17.8	52.6	180.4
103.0	Appertunance(s)	1.00	0.99	6.059	6.665	0.000	1.200 *	1.681	1.00	2.216	2.66	17.7	52.3	179.6

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 60
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

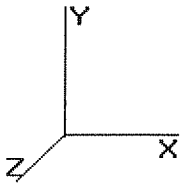
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

104.0		1.00	0.99	6.076	6.684	0.000	1.200	*	1.682	1.00	2.203	2.64	17.7	52.0	178.8
105.0		1.00	1.00	6.093	6.702	0.000	1.200	*	1.684	1.00	2.190	2.63	17.6	51.7	178.0
106.0		1.00	1.00	6.109	6.720	0.000	1.200	*	1.686	1.00	2.177	2.61	17.6	51.4	177.2
107.0		1.00	1.00	6.126	6.738	0.000	1.200	*	1.687	1.00	2.163	2.60	17.5	51.1	176.4
108.0		1.00	1.01	6.142	6.756	0.000	1.200	*	1.689	1.00	2.150	2.58	17.4	50.8	175.6
109.0		1.00	1.01	6.158	6.774	0.000	1.200	*	1.690	1.00	2.137	2.56	17.4	50.5	174.8
110.0		1.00	1.01	6.174	6.792	0.000	1.200	*	1.692	1.00	2.124	2.55	17.3	50.2	174.0
110.0	Top - Section 3	1.00	1.01	6.174	6.792	0.000	1.200	*	1.692	0.00	0.007	0.01	0.1	0.2	0.6
111.0		1.00	1.01	6.190	6.809	0.000	1.200	*	1.693	1.00	2.103	2.52	17.2	49.8	155.7
112.0		1.00	1.02	6.206	6.827	0.000	1.200	*	1.695	1.00	2.097	2.52	17.2	49.6	155.6
113.0	Appertunance(s)	1.00	1.02	6.222	6.844	0.000	1.200	*	1.696	1.00	2.084	2.50	17.1	49.3	154.9
114.0		1.00	1.02	6.238	6.861	0.000	1.200	*	1.698	1.00	2.071	2.48	17.0	49.0	154.2
115.0		1.00	1.02	6.253	6.879	0.000	1.200	*	1.699	1.00	2.057	2.47	17.0	48.7	153.5
116.0		1.00	1.03	6.269	6.896	0.000	1.200	*	1.701	1.00	2.044	2.45	16.9	48.4	152.8
117.0		1.00	1.03	6.284	6.913	0.000	1.200	*	1.702	1.00	2.031	2.44	16.8	48.1	152.1
118.0		1.00	1.03	6.299	6.929	0.000	1.200	*	1.704	1.00	2.018	2.42	16.8	47.8	151.5
119.0	Reinf. Top	1.00	1.03	6.315	6.946	0.000	1.200	*	1.705	1.00	2.004	2.41	16.7	47.5	150.8
120.0		1.00	1.04	6.330	6.963	0.000	1.200	*	1.707	1.00	1.991	2.39	16.6	47.2	95.7
121.0		1.00	1.04	6.345	6.979	0.000	1.200	*	1.708	1.00	1.978	2.37	16.6	46.9	95.0
122.0	Appertunance(s)	1.00	1.04	6.360	6.996	0.000	1.200	*	1.710	1.00	1.964	2.36	16.5	46.6	94.3
123.0		1.00	1.04	6.375	7.012	0.000	1.200	*	1.711	1.00	1.951	2.34	16.4	46.3	93.6
124.0		1.00	1.05	6.389	7.028	0.000	1.200	*	1.712	1.00	1.938	2.33	16.3	46.0	92.9
125.0		1.00	1.05	6.404	7.044	0.000	1.200	*	1.714	1.00	1.925	2.31	16.3	45.7	92.2
126.0		1.00	1.05	6.419	7.060	0.000	1.200	*	1.715	1.00	1.911	2.29	16.2	45.4	91.5
127.0		1.00	1.05	6.433	7.076	0.000	1.200	*	1.716	1.00	1.898	2.28	16.1	45.1	90.8
128.0		1.00	1.06	6.448	7.092	0.000	1.200	*	1.718	1.00	1.885	2.26	16.0	44.8	90.1
129.0		1.00	1.06	6.462	7.108	0.000	1.200	*	1.719	1.00	1.871	2.25	16.0	44.5	89.4
130.0	Appertunance(s)	1.00	1.06	6.476	7.124	0.000	1.200	*	1.720	1.00	1.858	2.23	15.9	44.2	88.7
131.0		1.00	1.06	6.490	7.139	0.000	1.200	*	1.722	1.00	1.845	2.21	15.8	43.8	88.0
132.0		1.00	1.07	6.504	7.155	0.000	1.200	*	1.723	1.00	1.831	2.20	15.7	43.5	87.3
133.0		1.00	1.07	6.519	7.170	0.000	1.200	*	1.724	1.00	1.818	2.18	15.6	43.2	86.6
134.0		1.00	1.07	6.532	7.186	0.000	1.200	*	1.726	1.00	1.805	2.17	15.6	42.9	85.9
135.0		1.00	1.07	6.546	7.201	0.000	1.200	*	1.727	1.00	1.792	2.15	15.5	42.6	85.2
136.0		1.00	1.07	6.560	7.216	0.000	1.200	*	1.728	1.00	1.778	2.13	15.4	42.3	84.5
137.0		1.00	1.08	6.574	7.231	0.000	1.200	*	1.729	1.00	1.765	2.12	15.3	41.9	83.8
138.0		1.00	1.08	6.588	7.246	0.000	1.200	*	1.731	1.00	1.752	2.10	15.2	41.6	83.1
139.0		1.00	1.08	6.601	7.261	0.000	1.200	*	1.732	1.00	1.738	2.09	15.1	41.3	82.4
140.0	Appertunance(s)	1.00	1.08	6.615	7.276	0.000	1.200	*	1.733	1.00	1.725	2.07	15.1	41.0	81.7
141.0		1.00	1.09	6.628	7.291	0.000	1.200		1.734	1.00	1.712	2.05	15.0	40.7	81.0
142.0		1.00	1.09	6.642	7.306	0.000	1.200		1.736	1.00	1.698	2.04	14.9	40.3	80.3
143.0		1.00	1.09	6.655	7.320	0.000	1.200		1.737	1.00	1.685	2.02	14.8	40.0	79.5
144.0		1.00	1.09	6.668	7.335	0.000	1.200		1.738	1.00	1.672	2.01	14.7	39.7	78.8
145.0		1.00	1.09	6.681	7.350	0.000	1.200		1.739	1.00	1.658	1.99	14.6	39.4	78.1
146.0		1.00	1.10	6.695	7.364	0.000	1.200		1.741	1.00	1.645	1.97	14.5	39.1	77.4
147.0		1.00	1.10	6.708	7.378	0.000	1.200		1.742	1.00	1.632	1.96	14.4	38.7	76.7
148.0		1.00	1.10	6.721	7.393	0.000	1.200		1.743	1.00	1.618	1.94	14.4	38.4	76.0
149.0		1.00	1.10	6.734	7.407	0.000	1.200		1.744	1.00	1.605	1.93	14.3	38.1	75.3
150.0	Appertunance(s)	1.00	1.11	6.746	7.421	0.000	1.200		1.745	1.00	1.592	1.91	14.2	37.8	74.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:		150.00			2,650.8	8,452.7	35,175.6

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



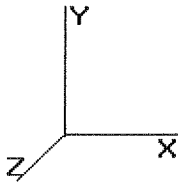
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Orientation Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
69.00	Channel Master Type	1	5.426	5.969	1.00	1.00	33.23	0.000	1.000	198.36	0.00	198.36	81.59
93.00	Decibel DB408	1	5.885	6.474	1.00	1.00	4.83	0.000	0.000	31.27	0.00	0.00	-1.29
93.00	Standoff	1	5.885	6.474	1.00	1.00	4.16	0.000	0.000	26.95	0.00	0.00	273.10
103.0	Decibel DB408	2	6.059	6.665	1.00	1.00	9.70	0.000	0.000	64.65	0.00	0.00	15.66
103.0	Standoff	1	6.059	6.665	1.00	1.00	4.18	0.000	0.000	27.87	0.00	0.00	274.47
113.0	Antel BXA-171063-8CF	2	6.222	6.844	0.71	0.80	4.25	0.000	0.000	29.11	0.00	0.00	181.82
113.0	Commscope SBNHH-	3	6.222	6.844	0.69	0.80	15.63	0.000	0.000	106.98	0.00	0.00	772.62
113.0	RFS APL868013-42T0	4	6.222	6.844	0.73	0.80	10.47	0.000	0.000	71.63	0.00	0.00	444.50
113.0	RFS APL868013-42T0	2	6.222	6.844	0.73	0.80	5.23	0.000	0.000	35.82	0.00	0.00	222.25
113.0	RFS FD9R6004/2C-3L	6	6.222	6.844	0.50	0.80	1.37	0.000	0.000	9.37	0.00	0.00	93.95
113.0	Round T-Arm	3	6.222	6.844	0.67	0.75	26.61	0.000	0.000	182.11	0.00	0.00	1,318.73
113.0	Alcatel-Lucent RRH2x	3	6.222	6.844	0.50	0.80	2.81	0.000	0.000	19.25	0.00	0.00	342.60
113.0	Antel BXA-171085-8CF	1	6.222	6.844	0.71	0.80	2.34	0.000	0.000	16.02	0.00	0.00	101.41
113.0	RFS DB-T1-6Z-8AB-0Z	1	6.222	6.844	1.00	0.80	4.52	0.000	0.000	30.92	0.00	0.00	191.82
122.0	SWR FMEC/1	1	6.360	6.996	1.00	1.00	1.25	0.000	0.000	8.75	0.00	0.00	44.50
130.0	12" x 12" Junction B	1	6.476	7.124	0.50	0.80	0.66	0.000	0.000	4.73	0.00	0.00	63.06
130.0	Argus LLPX310R	3	6.476	7.124	0.63	0.80	7.83	0.000	0.000	55.75	0.00	0.00	420.81
130.0	Clearwire Mount	1	6.476	7.124	1.00	1.00	15.52	0.000	0.000	110.56	0.00	0.00	1,014.45
130.0	DragonWave A-ANT-	1	6.476	7.124	1.00	0.80	8.09	0.000	0.000	57.63	0.00	0.00	177.79
130.0	DragonWave A-ANT-	1	6.476	7.124	1.00	0.80	1.89	0.000	0.000	13.44	0.00	0.00	42.80
130.0	DragonWave Horizon	2	6.476	7.124	0.50	0.80	0.53	0.000	0.000	3.74	0.00	0.00	84.76
130.0	NextNet BTS-2500	3	6.476	7.124	0.50	0.80	2.87	0.000	0.000	20.42	0.00	0.00	296.35
140.0	Ericsson AIR 21, 1.3	3	6.615	7.276	0.71	0.80	12.17	0.000	0.000	88.53	0.00	0.00	801.76
140.0	Ericsson AIR 21, 1.3	3	6.615	7.276	0.70	0.80	12.07	0.000	0.000	87.83	0.00	0.00	796.22
140.0	Ericsson KRY 112 144	3	6.615	7.276	0.50	0.80	0.76	0.000	0.000	5.52	0.00	0.00	88.25
140.0	Round T-Arm	3	6.615	7.276	0.67	0.75	26.99	0.000	0.000	196.39	0.00	0.00	1,331.96
140.0	Ericsson RRUS 11 (Ba	3	6.615	7.276	0.50	0.80	2.41	0.000	0.000	17.52	0.00	0.00	356.31
140.0	Andrew LNX-6515DS-	3	6.615	7.276	0.70	0.80	21.98	0.000	0.000	159.92	0.00	0.00	968.54
150.0	4' Omni	1	6.860	7.546	1.00	0.75	1.27	0.000	9.000	9.61	0.00	86.49	16.98
150.0	Decibel DB408	2	6.806	7.487	1.00	0.75	7.39	0.000	4.700	55.30	0.00	259.92	16.53
150.0	Diplexer / Coupler	3	6.785	7.463	0.50	0.75	1.34	0.000	3.000	9.98	0.00	29.94	-1.53
150.0	Ericsson RRUS 11 (Ba	6	6.785	7.463	0.50	0.75	7.12	0.000	3.000	53.15	0.00	159.44	878.44
150.0	GPS	1	6.746	7.421	1.00	0.75	1.27	0.000	0.000	9.45	0.00	0.00	25.48
150.0	KMW AM-X-CD-16-65-	3	6.785	7.463	0.67	0.75	14.04	0.000	3.000	104.80	0.00	314.39	741.07
150.0	KMW AWS Twin Dual	6	6.785	7.463	0.50	0.75	1.60	0.000	3.000	11.91	0.00	35.74	326.11
150.0	Round Platform w/ Ha	1	6.746	7.421	1.00	1.00	51.69	0.000	0.000	383.63	0.00	0.00	3,298.44
150.0	Powerwave 7770	3	6.785	7.463	0.65	0.75	9.59	0.000	3.000	71.60	0.00	214.80	531.26
150.0	Raycap DC6-48-60-18-	1	6.785	7.463	1.00	0.75	2.14	0.000	3.000	15.97	0.00	47.91	131.11
150.0	Round Side Arm	3	6.746	7.421	0.67	1.00	15.92	0.000	0.000	118.18	0.00	0.00	684.90
										2,524.59			17,449.59

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class : II	
Height :	150.0 (ft)	Exposure Category : B	Page: 62
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

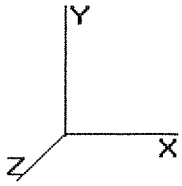
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

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	F X (lb)	Dead Load (lb)
1.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.257	0.000	0.00	4.03
1.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.67	0.81	4.256	0.257	0.000	3.77	36.64
1.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.257	0.000	0.00	2.83
1.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.257	0.000	0.00	14.99
1.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.257	0.000	0.00	3.29
1.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.51	0.61	4.256	0.257	0.000	2.86	11.68
1.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.257	0.000	0.00	1.84
2.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.258	0.000	0.00	4.32
2.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.68	0.82	4.256	0.258	0.000	3.84	38.25
2.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.258	0.000	0.00	3.11
2.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.258	0.000	0.00	15.47
2.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.258	0.000	0.00	3.61
2.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.52	0.63	4.256	0.258	0.000	2.93	12.47
2.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.258	0.000	0.00	2.07
3.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.260	0.000	0.00	4.51
3.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.69	0.83	4.256	0.260	0.000	3.89	39.24
3.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.260	0.000	0.00	3.28
3.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.260	0.000	0.00	15.78
3.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.260	0.000	0.00	3.81
3.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.53	0.64	4.256	0.260	0.000	2.98	12.97
3.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.260	0.000	0.00	2.22
4.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.261	0.000	0.00	4.66
4.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.70	0.84	4.256	0.261	0.000	3.92	39.98
4.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.261	0.000	0.00	3.42
4.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.261	0.000	0.00	16.00
4.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.261	0.000	0.00	3.96
4.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.54	0.64	4.256	0.261	0.000	3.01	13.34
4.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.261	0.000	0.00	2.33
5.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.262	0.000	0.00	4.77
5.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.70	0.84	4.256	0.262	0.000	3.94	40.57
5.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.262	0.000	0.00	3.53
5.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.262	0.000	0.00	16.19
5.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.262	0.000	0.00	4.08
5.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.54	0.65	4.256	0.262	0.000	3.04	13.63
5.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.262	0.000	0.00	2.42
6.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.263	0.000	0.00	4.87
6.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.71	0.85	4.256	0.263	0.000	3.97	41.06
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.263	0.000	0.00	3.62
6.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.263	0.000	0.00	16.34
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.263	0.000	0.00	4.19
6.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.54	0.65	4.256	0.263	0.000	3.06	13.88
6.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.263	0.000	0.00	2.50
7.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.264	0.000	0.00	4.95
7.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.71	0.85	4.256	0.264	0.000	3.98	41.49
7.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.264	0.000	0.00	3.70
7.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.264	0.000	0.00	16.48
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.264	0.000	0.00	4.28
7.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.55	0.66	4.256	0.264	0.000	3.08	14.09
7.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.264	0.000	0.00	2.57
8.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.265	0.000	0.00	5.03
8.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.71	0.85	4.256	0.265	0.000	4.00	41.86

Pole :	302484	Code:	ANSI/TIA-222 Rev G		3/11/2015 5:42:53 PM
Location :	Branford CT 6, CT	Struct Class :	II		
Height :	150.0 (ft)	Exposure Category :	B		Page: 63
Base Dia :	37.38 (in)	Topographic Category :	1		
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)		
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

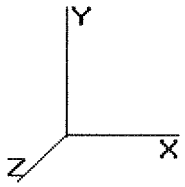
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

8.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.265	0.000	0.00	3.77
8.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.265	0.000	0.00	16.60
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.265	0.000	0.00	4.36
8.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.55	0.66	4.256	0.265	0.000	3.09	14.28
8.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.265	0.000	0.00	2.63
9.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.266	0.000	0.00	5.10
9.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.71	0.86	4.256	0.266	0.000	4.01	42.20
9.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.266	0.000	0.00	3.84
9.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.266	0.000	0.00	16.70
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.266	0.000	0.00	4.43
9.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.55	0.66	4.256	0.266	0.000	3.11	14.45
9.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.266	0.000	0.00	2.68
10.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.268	0.000	0.00	5.16
10.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.72	0.86	4.256	0.268	0.000	4.03	42.50
10.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.268	0.000	0.00	3.90
10.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.268	0.000	0.00	16.80
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.268	0.000	0.00	4.49
10.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.56	0.67	4.256	0.268	0.000	3.12	14.61
10.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.268	0.000	0.00	2.73
11.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.269	0.000	0.00	5.21
11.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.72	0.86	4.256	0.269	0.000	4.04	42.78
11.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.269	0.000	0.00	3.95
11.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.269	0.000	0.00	16.89
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.269	0.000	0.00	4.56
11.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.56	0.67	4.256	0.269	0.000	3.13	14.75
11.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.269	0.000	0.00	2.78
12.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.270	0.000	0.00	5.27
12.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.72	0.87	4.256	0.270	0.000	4.05	43.03
12.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.270	0.000	0.00	4.00
12.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.270	0.000	0.00	16.97
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.270	0.000	0.00	4.61
12.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.56	0.67	4.256	0.270	0.000	3.14	14.88
12.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.270	0.000	0.00	2.82
13.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.271	0.000	0.00	5.32
13.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.72	0.87	4.256	0.271	0.000	4.06	43.27
13.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.271	0.000	0.00	4.05
13.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.271	0.000	0.00	17.05
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.271	0.000	0.00	4.66
13.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.56	0.67	4.256	0.271	0.000	3.15	15.00
13.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.271	0.000	0.00	2.86
14.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.272	0.000	0.00	5.36
14.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.72	0.87	4.256	0.272	0.000	4.07	43.49
14.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.272	0.000	0.00	4.09
14.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.272	0.000	0.00	17.12
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.272	0.000	0.00	4.71
14.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.56	0.68	4.256	0.272	0.000	3.16	15.11
14.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.272	0.000	0.00	2.90
15.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.273	0.000	0.00	5.41
15.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.87	4.256	0.273	0.000	4.08	43.70
15.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.273	0.000	0.00	4.13
15.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.273	0.000	0.00	17.19
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.273	0.000	0.00	4.76
15.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.56	0.68	4.256	0.273	0.000	3.17	15.22
15.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.273	0.000	0.00	2.93
16.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.275	0.000	0.00	5.45
16.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.87	4.256	0.275	0.000	4.09	43.90
16.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.275	0.000	0.00	4.17

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

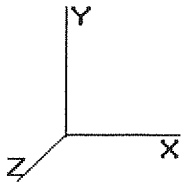
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

16.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.275	0.000	0.00	17.25
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.275	0.000	0.00	4.80
16.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.68	4.256	0.275	0.000	3.18	15.32
16.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.275	0.000	0.00	2.97
17.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.276	0.000	0.00	5.49
17.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.87	4.256	0.276	0.000	4.10	44.08
17.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.276	0.000	0.00	4.21
17.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.276	0.000	0.00	17.31
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.276	0.000	0.00	4.84
17.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.68	4.256	0.276	0.000	3.19	15.41
17.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.276	0.000	0.00	3.00
18.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.277	0.000	0.00	5.52
18.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.88	4.256	0.277	0.000	4.10	44.26
18.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.277	0.000	0.00	4.24
18.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.277	0.000	0.00	17.37
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.277	0.000	0.00	4.88
18.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.68	4.256	0.277	0.000	3.19	15.50
18.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.277	0.000	0.00	3.03
19.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.278	0.000	0.00	5.56
19.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.88	4.256	0.278	0.000	4.11	44.43
19.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.278	0.000	0.00	4.28
19.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.278	0.000	0.00	17.42
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.278	0.000	0.00	4.92
19.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.68	4.256	0.278	0.000	3.20	15.59
19.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.278	0.000	0.00	3.06
20.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.280	0.000	0.00	5.59
20.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.88	4.256	0.280	0.000	4.12	44.59
20.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.280	0.000	0.00	4.31
20.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.280	0.000	0.00	17.47
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.280	0.000	0.00	4.96
20.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.69	4.256	0.280	0.000	3.21	15.67
20.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.280	0.000	0.00	3.09
21.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.281	0.000	0.00	5.63
21.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.73	0.88	4.256	0.281	0.000	4.12	44.74
21.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.281	0.000	0.00	4.34
21.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.281	0.000	0.00	17.52
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.281	0.000	0.00	4.99
21.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.69	4.256	0.281	0.000	3.22	15.75
21.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.281	0.000	0.00	3.11
22.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.282	0.000	0.00	5.66
22.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.88	4.256	0.282	0.000	4.13	44.89
22.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.282	0.000	0.00	4.37
22.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.282	0.000	0.00	17.57
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.282	0.000	0.00	5.03
22.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.69	4.256	0.282	0.000	3.22	15.82
22.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.282	0.000	0.00	3.14
23.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.284	0.000	0.00	5.69
23.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.88	4.256	0.284	0.000	4.14	45.03
23.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.284	0.000	0.00	4.40
23.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.284	0.000	0.00	17.62
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.284	0.000	0.00	5.06
23.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.57	0.69	4.256	0.284	0.000	3.23	15.90
23.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.284	0.000	0.00	3.16
24.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.285	0.000	0.00	5.72
24.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.88	4.256	0.285	0.000	4.14	45.16
24.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.285	0.000	0.00	4.43
24.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.285	0.000	0.00	17.66

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

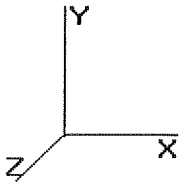
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.285	0.000	0.00	5.09
24.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.69	4.256	0.285	0.000	3.23	15.97
24.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.285	0.000	0.00	3.19
25.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.286	0.000	0.00	5.75
25.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.256	0.286	0.000	4.15	45.29
25.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.286	0.000	0.00	4.46
25.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.286	0.000	0.00	17.71
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.286	0.000	0.00	5.12
25.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.69	4.256	0.286	0.000	3.24	16.03
25.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.286	0.000	0.00	3.21
26.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.288	0.000	0.00	5.77
26.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.256	0.288	0.000	4.15	45.42
26.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.288	0.000	0.00	4.48
26.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.288	0.000	0.00	17.75
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.288	0.000	0.00	5.15
26.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.69	4.256	0.288	0.000	3.24	16.10
26.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.288	0.000	0.00	3.23
27.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.289	0.000	0.00	5.80
27.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.256	0.289	0.000	4.16	45.54
27.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.289	0.000	0.00	4.51
27.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.289	0.000	0.00	17.79
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.289	0.000	0.00	5.17
27.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.69	4.256	0.289	0.000	3.25	16.16
27.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.289	0.000	0.00	3.26
28.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.290	0.000	0.00	5.83
28.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.256	0.290	0.000	4.16	45.66
28.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.290	0.000	0.00	4.53
28.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.290	0.000	0.00	17.83
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.290	0.000	0.00	5.20
28.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.256	0.290	0.000	3.25	16.22
28.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.290	0.000	0.00	3.28
29.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.292	0.000	0.00	5.85
29.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.256	0.292	0.000	4.17	45.78
29.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.292	0.000	0.00	4.56
29.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.292	0.000	0.00	17.87
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.292	0.000	0.00	5.23
29.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.256	0.292	0.000	3.26	16.28
29.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.292	0.000	0.00	3.30
30.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.260	0.293	0.000	0.00	5.87
30.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.260	0.293	0.000	4.18	45.89
30.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.260	0.293	0.000	0.00	4.58
30.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.260	0.293	0.000	0.00	17.90
30.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.260	0.293	0.000	0.00	5.25
30.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.260	0.293	0.000	3.27	16.34
30.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.260	0.293	0.000	0.00	3.32
31.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.300	0.295	0.000	0.00	5.90
31.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.74	0.89	4.300	0.295	0.000	4.22	45.99
31.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.300	0.295	0.000	0.00	4.60
31.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.300	0.295	0.000	0.00	17.94
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.300	0.295	0.000	0.00	5.28
31.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.300	0.295	0.000	3.30	16.40
31.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.300	0.295	0.000	0.00	3.34
31.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	4.320	0.296	0.000	0.00	2.97
31.50	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.37	0.45	4.320	0.296	0.000	2.13	23.18
31.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.320	0.296	0.000	0.00	2.32
31.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	4.320	0.296	0.000	0.00	9.04
31.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.320	0.296	0.000	0.00	2.66

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:54 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 66
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

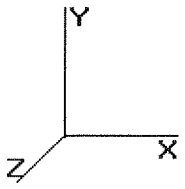
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

31.50	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.29	0.35	4.320	0.296	0.000	1.67	8.27
31.50	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	4.320	0.296	0.000	0.00	1.68
32.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	4.339	0.296	0.000	0.00	2.94
32.00	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.37	0.44	4.339	0.296	0.000	2.12	22.90
32.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.339	0.296	0.000	0.00	2.30
32.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	4.339	0.296	0.000	0.00	8.93
32.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.339	0.296	0.000	0.00	2.63
32.00	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.29	0.35	4.339	0.296	0.000	1.66	8.17
32.00	(1) 0.28" RG6	Yes	0.50	0.000	0.00	0.00	0.00	4.339	0.296	0.000	0.00	1.67
33.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.377	0.297	0.000	0.00	5.94
33.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.89	4.377	0.297	0.000	4.30	46.20
33.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.377	0.297	0.000	0.00	4.64
33.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.377	0.297	0.000	0.00	18.01
33.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.377	0.297	0.000	0.00	5.33
33.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.377	0.297	0.000	3.37	16.50
33.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.377	0.297	0.000	0.00	3.37
34.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.415	0.299	0.000	0.00	5.97
34.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.89	4.415	0.299	0.000	4.35	46.30
34.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.415	0.299	0.000	0.00	4.67
34.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.415	0.299	0.000	0.00	18.04
34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.415	0.299	0.000	0.00	5.35
34.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.415	0.299	0.000	3.40	16.55
34.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.415	0.299	0.000	0.00	3.39
35.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.300	0.000	0.00	5.99
35.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.451	0.300	0.000	4.39	46.40
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.300	0.000	0.00	4.69
35.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.300	0.000	0.00	18.07
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.300	0.000	0.00	5.37
35.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.58	0.70	4.451	0.300	0.000	3.44	16.60
35.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.300	0.000	0.00	3.41
35.67	(1) 1 1/4" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	4.476	0.302	0.000	0.00	4.02
35.67	(12) 1 5/8" Coax	Yes	0.67	1.200	5.94	0.50	0.60	4.476	0.302	0.000	2.96	31.13
35.67	(2) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	4.476	0.302	0.000	0.00	3.15
35.67	(2) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	4.476	0.302	0.000	0.00	12.12
35.67	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	4.476	0.302	0.000	0.00	3.61
35.67	(4) #18 Dywidag bars	Yes	0.67	1.200	4.00	0.39	0.47	4.476	0.302	0.000	2.32	11.15
35.67	(1) 0.28" RG6	Yes	0.67	0.000	0.00	0.00	0.00	4.476	0.302	0.000	0.00	2.29
36.00	(1) 1 1/4" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	4.487	0.296	0.000	0.00	1.98
36.00	(12) 1 5/8" Coax	Yes	0.33	1.200	5.94	0.25	0.30	4.487	0.296	0.000	1.46	15.34
36.00	(2) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	4.487	0.296	0.000	0.00	1.55
36.00	(2) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	4.487	0.296	0.000	0.00	5.97
36.00	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	4.487	0.296	0.000	0.00	1.78
36.00	(4) #18 Dywidag bars	Yes	0.33	1.200	4.00	0.19	0.23	4.487	0.296	0.000	1.14	5.50
36.00	(1) 0.28" RG6	Yes	0.33	0.000	0.00	0.00	0.00	4.487	0.296	0.000	0.00	1.13
37.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.523	0.297	0.000	0.00	6.03
37.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.523	0.297	0.000	4.46	46.58
37.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.523	0.297	0.000	0.00	4.73
37.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.523	0.297	0.000	0.00	18.14
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.523	0.297	0.000	0.00	5.42
37.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.70	4.523	0.297	0.000	3.50	16.70
37.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.523	0.297	0.000	0.00	3.44
38.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.557	0.299	0.000	0.00	6.05
38.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.557	0.299	0.000	4.50	46.67
38.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.557	0.299	0.000	0.00	4.74
38.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.557	0.299	0.000	0.00	18.17
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.557	0.299	0.000	0.00	5.44
38.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.70	4.557	0.299	0.000	3.53	16.75

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

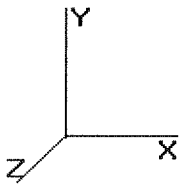
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

38.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.557	0.299	0.000	0.00	3.46
39.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.591	0.300	0.000	0.00	6.07
39.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.591	0.300	0.000	4.54	46.76
39.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.591	0.300	0.000	0.00	4.76
39.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.591	0.300	0.000	0.00	18.19
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.591	0.300	0.000	0.00	5.46
39.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.591	0.300	0.000	3.56	16.79
39.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.591	0.300	0.000	0.00	3.48
40.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.625	0.302	0.000	0.00	6.09
40.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.625	0.302	0.000	4.58	46.85
40.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.625	0.302	0.000	0.00	4.78
40.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.625	0.302	0.000	0.00	18.22
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.625	0.302	0.000	0.00	5.48
40.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.625	0.302	0.000	3.59	16.84
40.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.625	0.302	0.000	0.00	3.49
41.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.657	0.303	0.000	0.00	6.10
41.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.657	0.303	0.000	4.61	46.93
41.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.657	0.303	0.000	0.00	4.80
41.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.657	0.303	0.000	0.00	18.25
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.657	0.303	0.000	0.00	5.50
41.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.657	0.303	0.000	3.62	16.88
41.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.657	0.303	0.000	0.00	3.51
42.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.689	0.305	0.000	0.00	6.12
42.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.689	0.305	0.000	4.65	47.01
42.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.689	0.305	0.000	0.00	4.82
42.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.689	0.305	0.000	0.00	18.28
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.689	0.305	0.000	0.00	5.52
42.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.689	0.305	0.000	3.65	16.92
42.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.689	0.305	0.000	0.00	3.52
43.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.721	0.306	0.000	0.00	6.14
43.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.721	0.306	0.000	4.68	47.09
43.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.721	0.306	0.000	0.00	4.83
43.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.721	0.306	0.000	0.00	18.31
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.721	0.306	0.000	0.00	5.54
43.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.721	0.306	0.000	3.68	16.96
43.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.721	0.306	0.000	0.00	3.54
44.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.752	0.308	0.000	0.00	6.16
44.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.752	0.308	0.000	4.72	47.17
44.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.752	0.308	0.000	0.00	4.85
44.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.752	0.308	0.000	0.00	18.33
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.752	0.308	0.000	0.00	5.55
44.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.752	0.308	0.000	3.70	17.01
44.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.752	0.308	0.000	0.00	3.55
45.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.783	0.309	0.000	0.00	6.18
45.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.783	0.309	0.000	4.75	47.25
45.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.783	0.309	0.000	0.00	4.87
45.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.783	0.309	0.000	0.00	18.36
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.783	0.309	0.000	0.00	5.57
45.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.783	0.309	0.000	3.73	17.05
45.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.783	0.309	0.000	0.00	3.57
46.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.813	0.311	0.000	0.00	6.19
46.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.813	0.311	0.000	4.79	47.33
46.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.813	0.311	0.000	0.00	4.88
46.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.813	0.311	0.000	0.00	18.38
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.813	0.311	0.000	0.00	5.59
46.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.813	0.311	0.000	3.76	17.08
46.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.813	0.311	0.000	0.00	3.58

Pole : 302484
Location : Branford CT 6, 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 : B
Topographic Category : 1
Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

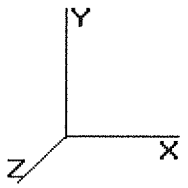
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

47.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.843	0.313	0.000	0.00	6.21
47.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.90	4.843	0.313	0.000	4.82	47.40
47.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.843	0.313	0.000	0.00	4.90
47.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.843	0.313	0.000	0.00	18.41
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.843	0.313	0.000	0.00	5.61
47.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.843	0.313	0.000	3.79	17.12
47.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.843	0.313	0.000	0.00	3.59
48.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.872	0.314	0.000	0.00	6.23
48.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.75	0.91	4.872	0.314	0.000	4.85	47.47
48.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.872	0.314	0.000	0.00	4.91
48.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.872	0.314	0.000	0.00	18.43
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.872	0.314	0.000	0.00	5.62
48.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.872	0.314	0.000	3.81	17.16
48.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.872	0.314	0.000	0.00	3.61
49.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.901	0.316	0.000	0.00	6.24
49.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	4.901	0.316	0.000	4.88	47.55
49.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.901	0.316	0.000	0.00	4.93
49.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.901	0.316	0.000	0.00	18.46
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.901	0.316	0.000	0.00	5.64
49.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.901	0.316	0.000	3.84	17.20
49.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.901	0.316	0.000	0.00	3.62
50.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.929	0.317	0.000	0.00	6.26
50.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	4.929	0.317	0.000	4.92	47.62
50.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.929	0.317	0.000	0.00	4.95
50.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.929	0.317	0.000	0.00	18.48
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.929	0.317	0.000	0.00	5.66
50.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.929	0.317	0.000	3.86	17.24
50.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.929	0.317	0.000	0.00	3.63
51.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.957	0.319	0.000	0.00	6.27
51.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	4.957	0.319	0.000	4.95	47.69
51.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.957	0.319	0.000	0.00	4.96
51.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.957	0.319	0.000	0.00	18.50
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.957	0.319	0.000	0.00	5.67
51.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.957	0.319	0.000	3.89	17.27
51.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.957	0.319	0.000	0.00	3.65
52.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	4.984	0.321	0.000	0.00	6.29
52.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	4.984	0.321	0.000	4.98	47.75
52.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.984	0.321	0.000	0.00	4.97
52.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	4.984	0.321	0.000	0.00	18.53
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.984	0.321	0.000	0.00	5.69
52.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.59	0.71	4.984	0.321	0.000	3.91	17.31
52.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	4.984	0.321	0.000	0.00	3.66
53.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.012	0.322	0.000	0.00	6.30
53.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.012	0.322	0.000	5.01	47.82
53.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.012	0.322	0.000	0.00	4.99
53.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.012	0.322	0.000	0.00	18.55
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.012	0.322	0.000	0.00	5.71
53.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.71	5.012	0.322	0.000	3.94	17.34
53.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.012	0.322	0.000	0.00	3.67
54.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.039	0.324	0.000	0.00	6.32
54.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.039	0.324	0.000	5.04	47.89
54.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.039	0.324	0.000	0.00	5.00
54.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.039	0.324	0.000	0.00	18.57
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.039	0.324	0.000	0.00	5.72
54.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.039	0.324	0.000	3.96	17.38
54.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.039	0.324	0.000	0.00	3.68
55.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.065	0.326	0.000	0.00	6.33

Pole : 302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:54 PM
Location : Branford CT 6, CT	Struct Class : II		
Height : 150.0 (ft)	Exposure Category : B		Page: 69
Base Dia : 37.38 (in)	Topographic Category : 1		
Top Dia : 15.00 (in)	Base Elev : 0.000 (ft)		
Shape : 12 Sides			
Taper : 0.156700 (in/ft)			



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

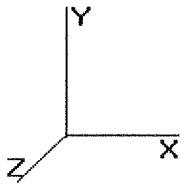
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

55.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.065	0.326	0.000	5.07	47.95
55.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.065	0.326	0.000	0.00	5.02
55.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.065	0.326	0.000	0.00	18.59
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.065	0.326	0.000	0.00	5.74
55.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.065	0.326	0.000	3.99	17.41
55.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.065	0.326	0.000	0.00	3.70
56.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.091	0.328	0.000	0.00	6.35
56.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.091	0.328	0.000	5.10	48.01
56.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.091	0.328	0.000	0.00	5.03
56.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.091	0.328	0.000	0.00	18.62
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.091	0.328	0.000	0.00	5.75
56.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.091	0.328	0.000	4.01	17.44
56.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.091	0.328	0.000	0.00	3.71
57.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.117	0.329	0.000	0.00	6.36
57.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.117	0.329	0.000	5.13	48.08
57.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.117	0.329	0.000	0.00	5.04
57.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.117	0.329	0.000	0.00	18.64
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.117	0.329	0.000	0.00	5.77
57.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.117	0.329	0.000	4.03	17.47
57.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.117	0.329	0.000	0.00	3.72
58.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.142	0.331	0.000	0.00	6.38
58.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.142	0.331	0.000	5.16	48.14
58.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.142	0.331	0.000	0.00	5.06
58.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.142	0.331	0.000	0.00	18.66
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.142	0.331	0.000	0.00	5.78
58.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.142	0.331	0.000	4.06	17.51
58.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.142	0.331	0.000	0.00	3.73
59.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.168	0.333	0.000	0.00	6.39
59.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.168	0.333	0.000	5.18	48.20
59.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.168	0.333	0.000	0.00	5.07
59.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.168	0.333	0.000	0.00	18.68
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.168	0.333	0.000	0.00	5.80
59.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.168	0.333	0.000	4.08	17.54
59.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.168	0.333	0.000	0.00	3.74
60.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.193	0.335	0.000	0.00	6.40
60.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.193	0.335	0.000	5.21	48.26
60.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.193	0.335	0.000	0.00	5.08
60.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.193	0.335	0.000	0.00	18.70
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.193	0.335	0.000	0.00	5.81
60.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.193	0.335	0.000	4.10	17.57
60.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.193	0.335	0.000	0.00	3.75
61.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.217	0.337	0.000	0.00	6.42
61.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.217	0.337	0.000	5.24	48.32
61.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.217	0.337	0.000	0.00	5.10
61.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.217	0.337	0.000	0.00	18.72
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.217	0.337	0.000	0.00	5.83
61.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.217	0.337	0.000	4.13	17.60
61.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.217	0.337	0.000	0.00	3.77
62.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.241	0.338	0.000	0.00	6.43
62.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.241	0.338	0.000	5.27	48.38
62.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.241	0.338	0.000	0.00	5.11
62.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.241	0.338	0.000	0.00	18.74
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.241	0.338	0.000	0.00	5.84
62.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.241	0.338	0.000	4.15	17.63
62.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.241	0.338	0.000	0.00	3.78
63.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.265	0.340	0.000	0.00	6.44
63.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.265	0.340	0.000	5.29	48.43

Pole :	302484	Code: ANSI/TIA-222 Rev G			3/11/2015 5:42:54 PM
Location :	Branford CT 6, CT	Struct Class : II			Page: 70
Height :	150.0 (ft)	Exposure Category : B			
Base Dia :	37.38 (in)	Topographic Category : 1			
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)			
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

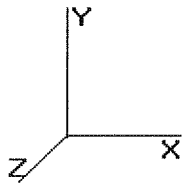
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

63.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.265	0.340	0.000	0.00	5.12
63.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.265	0.340	0.000	0.00	18.76
63.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.265	0.340	0.000	0.00	5.85
63.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.265	0.340	0.000	4.17	17.66
63.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.265	0.340	0.000	0.00	3.79
64.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.289	0.342	0.000	0.00	6.46
64.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.289	0.342	0.000	5.32	48.49
64.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.289	0.342	0.000	0.00	5.13
64.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.289	0.342	0.000	0.00	18.78
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.289	0.342	0.000	0.00	5.87
64.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.289	0.342	0.000	4.19	17.69
64.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.289	0.342	0.000	0.00	3.80
65.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.313	0.344	0.000	0.00	6.47
65.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.92	5.313	0.344	0.000	5.35	48.55
65.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.313	0.344	0.000	0.00	5.15
65.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.313	0.344	0.000	0.00	18.80
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.313	0.344	0.000	0.00	5.88
65.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.313	0.344	0.000	4.21	17.72
65.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.313	0.344	0.000	0.00	3.81
66.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.336	0.346	0.000	0.00	6.48
66.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.92	5.336	0.346	0.000	5.37	48.60
66.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.336	0.346	0.000	0.00	5.16
66.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.336	0.346	0.000	0.00	18.82
66.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.336	0.346	0.000	0.00	5.89
66.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.336	0.346	0.000	4.23	17.75
66.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.336	0.346	0.000	0.00	3.82
67.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.359	0.348	0.000	0.00	6.49
67.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.92	5.359	0.348	0.000	5.40	48.65
67.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.359	0.348	0.000	0.00	5.17
67.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.359	0.348	0.000	0.00	18.83
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.359	0.348	0.000	0.00	5.91
67.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.359	0.348	0.000	4.26	17.78
67.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.359	0.348	0.000	0.00	3.83
68.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.382	0.350	0.000	0.00	6.51
68.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.92	5.382	0.350	0.000	5.43	48.71
68.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.382	0.350	0.000	0.00	5.18
68.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.382	0.350	0.000	0.00	18.85
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.382	0.350	0.000	0.00	5.92
68.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.382	0.350	0.000	4.28	17.80
68.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.382	0.350	0.000	0.00	3.84
69.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.404	0.352	0.000	0.00	6.52
69.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.92	5.404	0.352	0.000	5.45	48.76
69.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.404	0.352	0.000	0.00	5.19
69.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.404	0.352	0.000	0.00	18.87
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.404	0.352	0.000	0.00	5.93
69.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.404	0.352	0.000	4.30	17.83
69.00	(1) 0.28" RG6	Yes	1.00	0.000	0.00	0.00	0.00	5.404	0.352	0.000	0.00	3.85
70.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.426	0.354	0.000	0.00	6.53
70.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.92	5.426	0.354	0.000	5.48	48.81
70.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.426	0.354	0.000	0.00	5.21
70.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.426	0.354	0.000	0.00	18.89
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.426	0.354	0.000	0.00	5.95
70.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.426	0.354	0.000	4.32	17.86
70.00	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	5.426	0.355	0.000	0.00	0.02
70.00	(12) 1 5/8" Coax	Yes	0.00	1.200	5.94	0.00	0.00	5.426	0.355	0.000	0.02	0.16
70.00	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	5.426	0.355	0.000	0.00	0.02
70.00	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	5.426	0.355	0.000	0.00	0.06

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:54 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 71	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

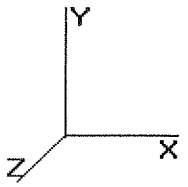
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

70.00	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	5.426	0.355	0.000	0.00	0.02
70.00	(4) #18 Dywidag bars	Yes	0.00	1.200	4.00	0.00	0.00	5.426	0.355	0.000	0.01	0.06
71.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.448	0.356	0.000	0.00	6.52
71.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.76	0.91	5.448	0.356	0.000	5.48	48.70
71.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.448	0.356	0.000	0.00	5.20
71.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.448	0.356	0.000	0.00	18.84
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.448	0.356	0.000	0.00	5.94
71.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.448	0.356	0.000	4.32	17.83
72.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.470	0.358	0.000	0.00	6.55
72.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.470	0.358	0.000	5.53	48.92
72.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.470	0.358	0.000	0.00	5.23
72.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.470	0.358	0.000	0.00	18.92
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.470	0.358	0.000	0.00	5.97
72.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.470	0.358	0.000	4.36	17.91
73.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.492	0.360	0.000	0.00	6.57
73.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.492	0.360	0.000	5.55	48.97
73.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.492	0.360	0.000	0.00	5.24
73.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.492	0.360	0.000	0.00	18.94
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.492	0.360	0.000	0.00	5.98
73.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.72	5.492	0.360	0.000	4.38	17.94
73.50	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	5.503	0.362	0.000	0.00	3.31
73.50	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.39	0.46	5.503	0.362	0.000	2.80	24.66
73.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.503	0.362	0.000	0.00	2.64
73.50	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	5.503	0.362	0.000	0.00	9.54
73.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.503	0.362	0.000	0.00	3.01
73.50	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.30	0.36	5.503	0.362	0.000	2.21	9.04
74.00	(1) 1 1/4" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	5.513	0.356	0.000	0.00	3.27
74.00	(12) 1 5/8" Coax	Yes	0.50	1.200	5.94	0.38	0.46	5.513	0.356	0.000	2.77	24.34
74.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.513	0.356	0.000	0.00	2.61
74.00	(2) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	5.513	0.356	0.000	0.00	9.42
74.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.513	0.356	0.000	0.00	2.98
74.00	(4) #18 Dywidag bars	Yes	0.50	1.200	4.00	0.30	0.36	5.513	0.356	0.000	2.18	8.92
75.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.534	0.358	0.000	0.00	6.59
75.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.534	0.358	0.000	5.60	49.06
75.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.534	0.358	0.000	0.00	5.26
75.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.534	0.358	0.000	0.00	18.97
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.534	0.358	0.000	0.00	6.01
75.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.60	0.73	5.534	0.358	0.000	4.42	17.99
76.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.555	0.360	0.000	0.00	6.60
76.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.555	0.360	0.000	5.62	49.11
76.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.555	0.360	0.000	0.00	5.27
76.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.555	0.360	0.000	0.00	18.99
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.555	0.360	0.000	0.00	6.02
76.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.555	0.360	0.000	4.44	18.02
77.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.576	0.362	0.000	0.00	6.61
77.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.576	0.362	0.000	5.65	49.16
77.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.576	0.362	0.000	0.00	5.28
77.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.576	0.362	0.000	0.00	19.01
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.576	0.362	0.000	0.00	6.03
77.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.576	0.362	0.000	4.46	18.04
78.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.597	0.364	0.000	0.00	6.62
78.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.597	0.364	0.000	5.67	49.21
78.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.597	0.364	0.000	0.00	5.29
78.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.597	0.364	0.000	0.00	19.02
78.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.597	0.364	0.000	0.00	6.04
78.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.597	0.364	0.000	4.48	18.07
79.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.617	0.366	0.000	0.00	6.63

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:54 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 72
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

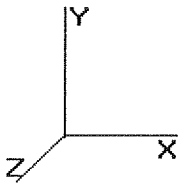
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

79.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.617	0.366	0.000	5.69	49.25
79.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.617	0.366	0.000	0.00	5.30
79.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.617	0.366	0.000	0.00	19.04
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.617	0.366	0.000	0.00	6.05
79.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.617	0.366	0.000	4.49	18.09
80.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.637	0.369	0.000	0.00	6.64
80.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.637	0.369	0.000	5.72	49.30
80.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.637	0.369	0.000	0.00	5.31
80.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.637	0.369	0.000	0.00	19.05
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.637	0.369	0.000	0.00	6.06
80.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.637	0.369	0.000	4.51	18.11
81.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.657	0.371	0.000	0.00	6.65
81.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.657	0.371	0.000	5.74	49.35
81.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.657	0.371	0.000	0.00	5.32
81.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.657	0.371	0.000	0.00	19.07
81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.657	0.371	0.000	0.00	6.07
81.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.657	0.371	0.000	4.53	18.14
82.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.677	0.373	0.000	0.00	6.66
82.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.677	0.373	0.000	5.76	49.39
82.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.677	0.373	0.000	0.00	5.33
82.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.677	0.373	0.000	0.00	19.09
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.677	0.373	0.000	0.00	6.09
82.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.677	0.373	0.000	4.55	18.16
83.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.697	0.375	0.000	0.00	6.67
83.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.697	0.375	0.000	5.78	49.44
83.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.697	0.375	0.000	0.00	5.34
83.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.697	0.375	0.000	0.00	19.10
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.697	0.375	0.000	0.00	6.10
83.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.697	0.375	0.000	4.57	18.19
84.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.716	0.378	0.000	0.00	6.68
84.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.716	0.378	0.000	5.81	49.48
84.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.716	0.378	0.000	0.00	5.35
84.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.716	0.378	0.000	0.00	19.12
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.716	0.378	0.000	0.00	6.11
84.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.716	0.378	0.000	4.59	18.21
85.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.736	0.380	0.000	0.00	6.69
85.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.736	0.380	0.000	5.83	49.53
85.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.736	0.380	0.000	0.00	5.36
85.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.736	0.380	0.000	0.00	19.13
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.736	0.380	0.000	0.00	6.12
85.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.736	0.380	0.000	4.60	18.23
86.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.755	0.382	0.000	0.00	6.70
86.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.755	0.382	0.000	5.85	49.57
86.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.755	0.382	0.000	0.00	5.37
86.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.755	0.382	0.000	0.00	19.15
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.755	0.382	0.000	0.00	6.13
86.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.755	0.382	0.000	4.62	18.26
87.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.774	0.385	0.000	0.00	6.71
87.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.774	0.385	0.000	5.87	49.61
87.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.774	0.385	0.000	0.00	5.38
87.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.774	0.385	0.000	0.00	19.16
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.774	0.385	0.000	0.00	6.14
87.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.774	0.385	0.000	4.64	18.28
88.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.387	0.000	0.00	6.72
88.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.92	5.793	0.387	0.000	5.89	49.65
88.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.387	0.000	0.00	5.39
88.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.387	0.000	0.00	19.18

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:54 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 73	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

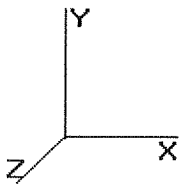
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.387	0.000	0.00	6.15
88.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.793	0.387	0.000	4.66	18.30
89.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.812	0.390	0.000	0.00	6.73
89.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.812	0.390	0.000	5.92	49.70
89.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.812	0.390	0.000	0.00	5.40
89.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.812	0.390	0.000	0.00	19.19
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.812	0.390	0.000	0.00	6.16
89.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.812	0.390	0.000	4.68	18.32
90.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.830	0.392	0.000	0.00	6.74
90.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.830	0.392	0.000	5.94	49.74
90.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.830	0.392	0.000	0.00	5.41
90.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.830	0.392	0.000	0.00	19.20
90.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.830	0.392	0.000	0.00	6.17
90.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.830	0.392	0.000	4.69	18.34
91.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.849	0.395	0.000	0.00	6.75
91.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.849	0.395	0.000	5.96	49.78
91.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.849	0.395	0.000	0.00	5.42
91.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.849	0.395	0.000	0.00	19.22
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.849	0.395	0.000	0.00	6.18
91.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.849	0.395	0.000	4.71	18.37
92.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.867	0.397	0.000	0.00	6.76
92.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.867	0.397	0.000	5.98	49.82
92.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.867	0.397	0.000	0.00	5.43
92.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.867	0.397	0.000	0.00	19.23
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.867	0.397	0.000	0.00	6.19
92.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.867	0.397	0.000	4.73	18.39
93.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.400	0.000	0.00	6.77
93.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.885	0.400	0.000	6.00	49.86
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.400	0.000	0.00	5.44
93.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.400	0.000	0.00	19.25
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.400	0.000	0.00	6.20
93.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.885	0.400	0.000	4.74	18.41
94.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.402	0.000	0.00	6.78
94.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.903	0.402	0.000	6.02	49.90
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.402	0.000	0.00	5.45
94.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.402	0.000	0.00	19.26
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.402	0.000	0.00	6.21
94.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.903	0.402	0.000	4.76	18.43
95.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.921	0.405	0.000	0.00	6.79
95.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.921	0.405	0.000	6.04	49.94
95.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.921	0.405	0.000	0.00	5.46
95.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.921	0.405	0.000	0.00	19.27
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.921	0.405	0.000	0.00	6.22
95.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.921	0.405	0.000	4.78	18.45
96.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.939	0.408	0.000	0.00	6.80
96.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.939	0.408	0.000	6.06	49.98
96.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.939	0.408	0.000	0.00	5.46
96.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.939	0.408	0.000	0.00	19.29
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.939	0.408	0.000	0.00	6.23
96.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.939	0.408	0.000	4.79	18.47
97.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.956	0.411	0.000	0.00	6.81
97.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.956	0.411	0.000	6.08	50.02
97.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.956	0.411	0.000	0.00	5.47
97.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.956	0.411	0.000	0.00	19.30
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.956	0.411	0.000	0.00	6.24
97.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.956	0.411	0.000	4.81	18.49
98.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.974	0.413	0.000	0.00	6.82

Pole :	302484				Code: ANSI/TIA-222 Rev G						3/11/2015 5:42:54 PM	
Location :	Branford CT 6, CT				Struct Class : II						Page: 74	
Height :	150.0 (ft)				Exposure Category : B							
Base Dia :	37.38 (in)				Topographic Category : 1							
Top Dia :	15.00 (in)				Base Elev : 0.000 (ft)							
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

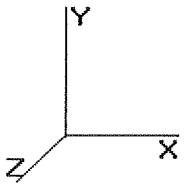
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

98.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.974	0.413	0.000	6.10	50.06
98.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.974	0.413	0.000	0.00	5.48
98.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.974	0.413	0.000	0.00	19.31
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.974	0.413	0.000	0.00	6.25
98.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.974	0.413	0.000	4.83	18.51
99.00	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.991	0.416	0.000	0.00	6.83
99.00	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	5.991	0.416	0.000	6.12	50.10
99.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.991	0.416	0.000	0.00	5.49
99.00	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.991	0.416	0.000	0.00	19.33
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.991	0.416	0.000	0.00	6.26
99.00	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.73	5.991	0.416	0.000	4.84	18.53
100.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.419	0.000	0.00	6.84
100.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	6.008	0.419	0.000	6.14	50.13
100.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.419	0.000	0.00	5.50
100.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.419	0.000	0.00	19.34
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.419	0.000	0.00	6.27
100.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.008	0.419	0.000	4.86	18.55
101.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.026	0.422	0.000	0.00	6.85
101.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	6.026	0.422	0.000	6.16	50.17
101.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.026	0.422	0.000	0.00	5.51
101.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.026	0.422	0.000	0.00	19.35
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.026	0.422	0.000	0.00	6.28
101.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.026	0.422	0.000	4.88	18.57
102.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.043	0.425	0.000	0.00	6.85
102.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	6.043	0.425	0.000	6.18	50.21
102.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.043	0.425	0.000	0.00	5.52
102.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.043	0.425	0.000	0.00	19.37
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.043	0.425	0.000	0.00	6.29
102.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.043	0.425	0.000	4.89	18.59
103.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.059	0.428	0.000	0.00	6.86
103.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.059	0.428	0.000	6.20	50.25
103.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.059	0.428	0.000	0.00	5.52
103.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.059	0.428	0.000	0.00	19.38
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.059	0.428	0.000	0.00	6.30
103.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.059	0.428	0.000	4.91	18.61
104.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.076	0.431	0.000	0.00	6.87
104.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.076	0.431	0.000	6.22	50.28
104.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.076	0.431	0.000	0.00	5.53
104.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.076	0.431	0.000	0.00	19.39
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.076	0.431	0.000	0.00	6.30
104.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.076	0.431	0.000	4.92	18.63
105.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.434	0.000	0.00	6.88
105.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.093	0.434	0.000	6.24	50.32
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.434	0.000	0.00	5.54
105.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.434	0.000	0.00	19.41
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.434	0.000	0.00	6.31
105.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.093	0.434	0.000	4.94	18.65
106.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.437	0.000	0.00	6.89
106.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.109	0.437	0.000	6.26	50.36
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.437	0.000	0.00	5.55
106.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.437	0.000	0.00	19.42
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.437	0.000	0.00	6.32
106.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.109	0.437	0.000	4.95	18.67
107.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.126	0.440	0.000	0.00	6.90
107.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.126	0.440	0.000	6.28	50.39
107.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.126	0.440	0.000	0.00	5.56
107.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.126	0.440	0.000	0.00	19.43

Pole :	302484			Code: ANSI/TIA-222 Rev G							3/11/2015 5:42:55 PM	
Location :	Branford CT 6, CT			Struct Class : II							Page: 75	
Height :	150.0 (ft)			Exposure Category : B								
Base Dia :	37.38 (in)			Topographic Category : 1								
Top Dia :	15.00 (in)			Base Elev : 0.000 (ft)								
Shape :	12 Sides											
Taper :	0.156700 (in/ft)											



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

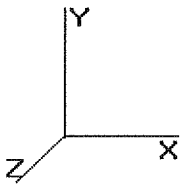
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.126	0.440	0.000	0.00	6.33
107.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.126	0.440	0.000	4.97	18.69
108.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.142	0.443	0.000	0.00	6.91
108.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.142	0.443	0.000	6.30	50.43
108.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.142	0.443	0.000	0.00	5.57
108.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.142	0.443	0.000	0.00	19.44
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.142	0.443	0.000	0.00	6.34
108.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.142	0.443	0.000	4.98	18.71
109.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.158	0.446	0.000	0.00	6.91
109.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.158	0.446	0.000	6.31	50.46
109.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.158	0.446	0.000	0.00	5.57
109.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.158	0.446	0.000	0.00	19.45
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.158	0.446	0.000	0.00	6.35
109.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.158	0.446	0.000	5.00	18.72
110.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.174	0.450	0.000	0.00	6.92
110.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.174	0.450	0.000	6.33	50.50
110.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.174	0.450	0.000	0.00	5.58
110.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.174	0.450	0.000	0.00	19.47
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.174	0.450	0.000	0.00	6.36
110.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.174	0.450	0.000	5.01	18.74
110.0	(1) 1 1/4" Hybriflex	Yes	0.00	0.000	0.00	0.00	0.00	6.174	0.451	0.000	0.00	0.02
110.0	(12) 1 5/8" Coax	Yes	0.00	1.200	5.94	0.00	0.00	6.174	0.451	0.000	0.02	0.17
110.0	(2) 1/2" Coax	Yes	0.00	0.000	0.00	0.00	0.00	6.174	0.451	0.000	0.00	0.02
110.0	(2) 2" Conduit	Yes	0.00	0.000	0.00	0.00	0.00	6.174	0.451	0.000	0.00	0.06
110.0	(6) 5/16" Coax	Yes	0.00	0.000	0.00	0.00	0.00	6.174	0.451	0.000	0.00	0.02
110.0	(4) #18 Dywidag bars	Yes	0.00	1.200	4.00	0.00	0.00	6.174	0.451	0.000	0.02	0.06
111.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.190	0.453	0.000	0.00	6.91
111.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.77	0.93	6.190	0.453	0.000	6.33	50.36
111.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.190	0.453	0.000	0.00	5.57
111.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.190	0.453	0.000	0.00	19.41
111.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.190	0.453	0.000	0.00	6.34
111.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.61	0.74	6.190	0.453	0.000	5.01	18.70
112.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.206	0.456	0.000	0.00	6.94
112.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.206	0.456	0.000	6.37	50.57
112.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.206	0.456	0.000	0.00	5.60
112.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.206	0.456	0.000	0.00	19.49
112.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.206	0.456	0.000	0.00	6.37
112.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.206	0.456	0.000	5.04	18.78
113.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.222	0.460	0.000	0.00	6.95
113.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.222	0.460	0.000	6.39	50.60
113.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.222	0.460	0.000	0.00	5.60
113.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.222	0.460	0.000	0.00	19.50
113.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.222	0.460	0.000	0.00	6.38
113.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.222	0.460	0.000	5.06	18.80
114.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.238	0.463	0.000	0.00	6.95
114.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.238	0.463	0.000	6.41	50.63
114.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.238	0.463	0.000	0.00	5.61
114.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.238	0.463	0.000	0.00	19.51
114.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.238	0.463	0.000	0.00	6.39
114.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.238	0.463	0.000	5.07	18.82
115.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.253	0.467	0.000	0.00	6.96
115.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.253	0.467	0.000	6.42	50.67
115.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.253	0.467	0.000	0.00	5.62
115.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.253	0.467	0.000	0.00	19.53
115.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.253	0.467	0.000	0.00	6.40
115.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.253	0.467	0.000	5.09	18.83
116.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.269	0.470	0.000	0.00	6.97

Pole :	302484	Code: ANSI/TIA-222 Rev G		3/11/2015 5:42:55 PM
Location :	Branford CT 6, CT	Struct Class : II		Page: 76
Height :	150.0 (ft)	Exposure Category : B		
Base Dia :	37.38 (in)	Topographic Category : 1		
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)		
Shape :	12 Sides			
Taper :	0.156700 (in/ft)			



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

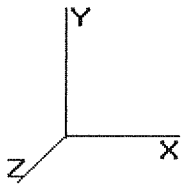
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

116.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.269	0.470	0.000	6.44	50.70
116.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.269	0.470	0.000	0.00	5.63
116.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.269	0.470	0.000	0.00	19.54
116.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.269	0.470	0.000	0.00	6.41
116.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.269	0.470	0.000	5.10	18.85
117.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.284	0.474	0.000	0.00	6.98
117.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.284	0.474	0.000	6.46	50.73
117.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.284	0.474	0.000	0.00	5.64
117.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.284	0.474	0.000	0.00	19.55
117.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.284	0.474	0.000	0.00	6.42
117.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.284	0.474	0.000	5.12	18.87
118.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.299	0.478	0.000	0.00	6.99
118.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.93	6.299	0.478	0.000	6.48	50.77
118.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.299	0.478	0.000	0.00	5.64
118.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.299	0.478	0.000	0.00	19.56
118.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.299	0.478	0.000	0.00	6.42
118.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.299	0.478	0.000	5.13	18.89
119.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.315	0.482	0.000	0.00	6.99
119.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.315	0.482	0.000	6.49	50.80
119.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.315	0.482	0.000	0.00	5.65
119.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.315	0.482	0.000	0.00	19.57
119.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.315	0.482	0.000	0.00	6.43
119.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.315	0.482	0.000	5.15	18.90
120.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.330	0.485	0.000	0.00	7.00
120.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.330	0.485	0.000	6.51	50.83
120.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.330	0.485	0.000	0.00	5.66
120.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.330	0.485	0.000	0.00	19.58
120.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.330	0.485	0.000	0.00	6.44
120.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.330	0.485	0.000	5.16	18.92
121.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.489	0.000	0.00	7.01
121.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.345	0.489	0.000	6.53	50.86
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.489	0.000	0.00	5.66
121.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.489	0.000	0.00	19.59
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.489	0.000	0.00	6.45
121.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.345	0.489	0.000	5.18	18.94
122.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.493	0.000	0.00	7.02
122.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.360	0.493	0.000	6.55	50.90
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.493	0.000	0.00	5.67
122.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.493	0.000	0.00	19.60
122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.493	0.000	0.00	6.46
122.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.360	0.493	0.000	5.19	18.95
123.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.375	0.497	0.000	0.00	7.02
123.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.375	0.497	0.000	6.56	50.93
123.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.375	0.497	0.000	0.00	5.68
123.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.375	0.497	0.000	0.00	19.62
123.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.375	0.497	0.000	0.00	6.46
123.0	(4) #18 Dywidag bars	Yes	1.00	1.200	4.00	0.62	0.74	6.375	0.497	0.000	5.20	18.97
124.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.389	0.300	0.000	0.00	7.03
124.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.389	0.300	0.000	6.58	50.96
124.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.389	0.300	0.000	0.00	5.69
124.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.389	0.300	0.000	0.00	19.63
124.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.389	0.300	0.000	0.00	6.47
125.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.404	0.302	0.000	0.00	7.04
125.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.404	0.302	0.000	6.60	50.99
125.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.404	0.302	0.000	0.00	5.69
125.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.404	0.302	0.000	0.00	19.64
125.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.404	0.302	0.000	0.00	6.48

Pole :	302484	Code:	ANSI/TIA-222 Rev G		3/11/2015 5:42:55 PM
Location :	Branford CT 6, CT	Struct Class :	II		
Height :	150.0 (ft)	Exposure Category :	B		Page: 77
Base Dia :	37.38 (in)	Topographic Category :	1		
Top Dia :	15.00 (in)	Base Elev :	0.000 (ft)		
Shape :	12 Sides				
Taper :	0.156700 (in/ft)				



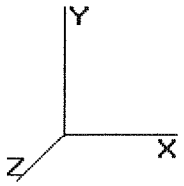
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.419	0.305	0.000	0.00	7.05
126.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.419	0.305	0.000	6.62	51.02
126.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.419	0.305	0.000	0.00	5.70
126.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.419	0.305	0.000	0.00	19.65
126.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.419	0.305	0.000	0.00	6.49
127.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.433	0.307	0.000	0.00	7.05
127.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.433	0.307	0.000	6.63	51.05
127.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.433	0.307	0.000	0.00	5.71
127.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.433	0.307	0.000	0.00	19.66
127.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.433	0.307	0.000	0.00	6.50
128.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.448	0.310	0.000	0.00	7.06
128.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.448	0.310	0.000	6.65	51.08
128.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.448	0.310	0.000	0.00	5.71
128.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.448	0.310	0.000	0.00	19.67
128.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.448	0.310	0.000	0.00	6.50
129.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.312	0.000	0.00	7.07
129.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.462	0.312	0.000	6.67	51.11
129.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.312	0.000	0.00	5.72
129.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.312	0.000	0.00	19.68
129.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.312	0.000	0.00	6.51
130.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.476	0.315	0.000	0.00	7.07
130.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.476	0.315	0.000	6.68	51.14
130.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.476	0.315	0.000	0.00	5.73
130.0	(2) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.476	0.315	0.000	0.00	19.69
130.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.476	0.315	0.000	0.00	6.52
131.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.490	0.318	0.000	0.00	7.08
131.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.490	0.318	0.000	6.70	51.17
132.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.504	0.321	0.000	0.00	7.09
132.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.504	0.321	0.000	6.72	51.20
133.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.519	0.323	0.000	0.00	7.10
133.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.519	0.323	0.000	6.73	51.23
134.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.532	0.326	0.000	0.00	7.10
134.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.532	0.326	0.000	6.75	51.26
135.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.546	0.329	0.000	0.00	7.11
135.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.546	0.329	0.000	6.76	51.29
136.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.560	0.332	0.000	0.00	7.12
136.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.560	0.332	0.000	6.78	51.32
137.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.574	0.335	0.000	0.00	7.12
137.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.574	0.335	0.000	6.80	51.35
138.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.588	0.338	0.000	0.00	7.13
138.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.588	0.338	0.000	6.81	51.38
139.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.601	0.341	0.000	0.00	7.14
139.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.601	0.341	0.000	6.83	51.40
140.0	(1) 1 1/4" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.615	0.345	0.000	0.00	7.14
140.0	(12) 1 5/8" Coax	Yes	1.00	1.200	5.94	0.78	0.94	6.615	0.345	0.000	6.84	51.43
										Totals:	1,256.11	13,747.13



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

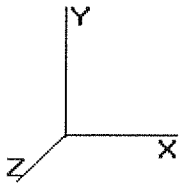
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	25.70	449.41	0.00	0.00
2.00	25.84	456.27	0.00	0.00
3.00	25.90	521.41	0.00	0.00
4.00	25.92	524.02	0.00	0.00
5.00	25.92	525.89	0.00	0.00
6.00	25.91	527.28	0.00	0.00
7.00	25.89	528.33	0.00	0.00
8.00	25.86	529.13	0.00	0.00
9.00	25.83	529.74	0.00	0.00
10.00	25.79	530.18	0.00	0.00
11.00	25.75	530.49	0.00	0.00
12.00	25.71	530.70	0.00	0.00
13.00	25.66	530.81	0.00	0.00
14.00	25.61	530.84	0.00	0.00
15.00	25.56	530.80	0.00	0.00
16.00	25.51	530.70	0.00	0.00
17.00	25.46	530.55	0.00	0.00
18.00	25.41	530.35	0.00	0.00
19.00	25.35	468.86	0.00	0.00
20.00	25.30	468.58	0.00	0.00
21.00	25.24	468.25	0.00	0.00
22.00	25.18	467.90	0.00	0.00
23.00	25.13	467.51	0.00	0.00
24.00	25.07	467.10	0.00	0.00
25.00	25.01	466.66	0.00	0.00
26.00	24.95	466.20	0.00	0.00
27.00	24.89	465.72	0.00	0.00
28.00	24.83	465.21	0.00	0.00
29.00	24.77	464.69	0.00	0.00
30.00	24.72	464.14	0.00	0.00
31.00	24.89	463.58	0.00	0.00
31.50	12.56	233.09	0.00	0.00
32.00	12.59	297.34	0.00	0.00
33.00	25.53	597.79	0.00	0.00
34.00	25.68	596.55	0.00	0.00
35.00	25.83	595.28	0.00	0.00
35.67	17.36	398.11	0.00	0.00
36.00	8.56	144.79	0.00	0.00
37.00	26.10	438.47	0.00	0.00
38.00	26.23	437.94	0.00	0.00
39.00	26.36	437.40	0.00	0.00
40.00	26.48	436.85	0.00	0.00
41.00	26.60	436.29	0.00	0.00
42.00	26.71	435.72	0.00	0.00
43.00	26.81	435.15	0.00	0.00
44.00	26.92	434.56	0.00	0.00
45.00	27.02	433.96	0.00	0.00
46.00	27.11	433.36	0.00	0.00
47.00	27.20	432.75	0.00	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:55 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 79
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

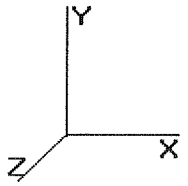
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

48.00	27.29	432.13	0.00	0.00
49.00	27.37	431.50	0.00	0.00
50.00	27.46	430.86	0.00	0.00
51.00	27.53	430.22	0.00	0.00
52.00	27.61	429.57	0.00	0.00
53.00	27.68	428.92	0.00	0.00
54.00	27.75	428.26	0.00	0.00
55.00	27.81	427.59	0.00	0.00
56.00	27.87	426.92	0.00	0.00
57.00	27.93	426.24	0.00	0.00
58.00	27.99	425.56	0.00	0.00
59.00	28.04	424.87	0.00	0.00
60.00	28.10	369.77	0.00	0.00
61.00	28.14	369.07	0.00	0.00
62.00	28.19	368.37	0.00	0.00
63.00	28.23	367.66	0.00	0.00
64.00	28.28	366.95	0.00	0.00
65.00	28.32	366.23	0.00	0.00
66.00	28.35	365.51	0.00	0.00
67.00	28.39	364.78	0.00	0.00
68.00	28.42	364.05	0.00	0.00
69.00	226.81	444.90	0.00	198.36
70.00	28.48	358.71	0.00	0.00
70.00	0.09	1.19	0.00	0.00
71.00	28.72	446.95	0.00	0.00
72.00	28.84	447.18	0.00	0.00
73.00	28.87	445.91	0.00	0.00
73.50	14.52	223.97	0.00	0.00
74.00	14.34	167.26	0.00	0.00
75.00	28.91	336.27	0.00	0.00
76.00	28.93	335.63	0.00	0.00
77.00	28.94	334.99	0.00	0.00
78.00	28.96	334.34	0.00	0.00
79.00	28.97	333.70	0.00	0.00
80.00	28.98	333.05	0.00	0.00
81.00	28.99	332.39	0.00	0.00
82.00	29.00	331.73	0.00	0.00
83.00	29.01	331.07	0.00	0.00
84.00	29.01	330.41	0.00	0.00
85.00	29.02	329.75	0.00	0.00
86.00	29.02	329.08	0.00	0.00
87.00	29.02	328.41	0.00	0.00
88.00	29.02	327.74	0.00	0.00
89.00	29.01	327.06	0.00	0.00
90.00	29.01	326.38	0.00	0.00
91.00	29.00	325.70	0.00	0.00
92.00	29.00	325.02	0.00	0.00
93.00	87.21	596.15	0.00	0.00
94.00	28.98	323.25	0.00	0.00
95.00	28.97	322.56	0.00	0.00
96.00	28.96	321.87	0.00	0.00
97.00	28.94	321.17	0.00	0.00
98.00	28.93	320.48	0.00	0.00
99.00	28.91	319.78	0.00	0.00
100.0	28.89	319.08	0.00	0.00
101.0	28.88	318.38	0.00	0.00
102.0	28.86	317.67	0.00	0.00

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:55 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 80
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

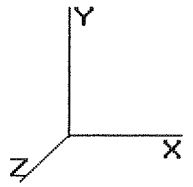
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

103.0		121.35	607.09	0.00	0.00
104.0		28.81	315.47	0.00	0.00
105.0		28.79	314.76	0.00	0.00
106.0		28.76	314.04	0.00	0.00
107.0		28.74	313.33	0.00	0.00
108.0		28.71	312.61	0.00	0.00
109.0		28.68	311.90	0.00	0.00
110.0		28.66	311.18	0.00	0.00
110.0		0.10	1.04	0.00	0.00
111.0		28.53	292.56	0.00	0.00
112.0		28.59	292.94	0.00	0.00
113.0		529.77	3,962.05	0.00	0.00
114.0		28.53	281.12	0.00	0.00
115.0		28.50	280.52	0.00	0.00
116.0		28.46	279.92	0.00	0.00
117.0		28.42	279.31	0.00	0.00
118.0		28.39	278.71	0.00	0.00
119.0		28.35	278.10	0.00	0.00
120.0		28.31	223.10	0.00	0.00
121.0		28.27	222.49	0.00	0.00
122.0		36.98	266.38	0.00	0.00
123.0		28.19	220.73	0.00	0.00
124.0		22.93	201.13	0.00	0.00
125.0		22.87	200.49	0.00	0.00
126.0		22.81	199.86	0.00	0.00
127.0		22.75	199.23	0.00	0.00
128.0		22.69	198.59	0.00	0.00
129.0		22.63	197.96	0.00	0.00
130.0		288.83	2,297.34	0.00	0.00
131.0		22.50	164.72	0.00	0.00
132.0		22.44	164.05	0.00	0.00
133.0		22.38	163.39	0.00	0.00
134.0		22.31	162.72	0.00	0.00
135.0		22.25	162.06	0.00	0.00
136.0		22.18	161.39	0.00	0.00
137.0		22.11	160.72	0.00	0.00
138.0		22.04	160.05	0.00	0.00
139.0		21.98	159.38	0.00	0.00
140.0		577.60	4,501.75	0.00	0.00
141.0		14.98	99.42	0.00	0.00
142.0		14.89	98.71	0.00	0.00
143.0		14.80	98.00	0.00	0.00
144.0		14.71	97.29	0.00	0.00
145.0		14.63	96.58	0.00	0.00
146.0		14.54	95.87	0.00	0.00
147.0		14.45	95.16	0.00	0.00
148.0		14.36	94.45	0.00	0.00
149.0		14.27	93.73	0.00	0.00
150.0		857.75	6,741.81	0.00	1,148.64
	Totals:	6,431.49	70,526.11	0.00	1,346.99

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:55 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 81
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

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

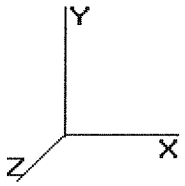
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-70.53	-6.44	0.00	-666.14	0.00	666.14	3,133.66	1,566.83	4,776.46	2,358.91	0.00	0.00	0.138
1.00	-70.07	-6.42	0.00	-659.70	0.00	659.70	3,125.28	1,562.64	4,743.31	2,342.54	0.00	-0.01	0.137
2.00	-69.62	-6.41	0.00	-653.28	0.00	653.28	3,116.86	1,558.43	4,710.21	2,326.20	0.00	-0.02	0.136
3.00	-69.09	-6.40	0.00	-646.87	0.00	646.87	3,108.40	1,554.20	4,677.16	2,309.87	0.01	-0.03	0.113
4.00	-68.57	-6.38	0.00	-640.47	0.00	640.47	3,099.89	1,549.95	4,644.15	2,293.57	0.02	-0.04	0.112
5.00	-68.04	-6.37	0.00	-634.09	0.00	634.09	3,091.35	1,545.67	4,611.19	2,277.30	0.03	-0.05	0.112
6.00	-67.51	-6.35	0.00	-627.72	0.00	627.72	3,082.76	1,541.38	4,578.29	2,261.04	0.04	-0.06	0.111
7.00	-66.99	-6.33	0.00	-621.37	0.00	621.37	3,074.13	1,537.07	4,545.43	2,244.82	0.05	-0.07	0.110
8.00	-66.46	-6.32	0.00	-615.04	0.00	615.04	3,065.46	1,532.73	4,512.63	2,228.62	0.07	-0.08	0.109
9.00	-65.92	-6.30	0.00	-608.72	0.00	608.72	3,056.75	1,528.37	4,479.87	2,212.44	0.08	-0.09	0.109
10.00	-65.39	-6.28	0.00	-602.42	0.00	602.42	3,047.99	1,524.00	4,447.17	2,196.29	0.10	-0.09	0.108
11.00	-64.86	-6.27	0.00	-596.14	0.00	596.14	3,039.20	1,519.60	4,414.53	2,180.17	0.12	-0.10	0.107
12.00	-64.33	-6.25	0.00	-589.87	0.00	589.87	3,030.36	1,515.18	4,381.94	2,164.07	0.15	-0.11	0.106
13.00	-63.80	-6.23	0.00	-583.62	0.00	583.62	3,021.48	1,510.74	4,349.40	2,148.01	0.17	-0.12	0.106
14.00	-63.27	-6.22	0.00	-577.38	0.00	577.38	3,012.56	1,506.28	4,316.92	2,131.97	0.20	-0.13	0.105
15.00	-62.74	-6.20	0.00	-571.16	0.00	571.16	3,003.60	1,501.80	4,284.50	2,115.95	0.23	-0.14	0.104
16.00	-62.20	-6.18	0.00	-564.96	0.00	564.96	2,994.60	1,497.30	4,252.13	2,099.97	0.26	-0.15	0.103
17.00	-61.67	-6.17	0.00	-558.78	0.00	558.78	2,985.55	1,492.78	4,219.83	2,084.01	0.29	-0.16	0.102
18.00	-61.14	-6.15	0.00	-552.62	0.00	552.62	2,976.47	1,488.23	4,187.58	2,068.09	0.32	-0.17	0.102
18.00	-61.14	-6.15	0.00	-552.62	0.00	552.62	2,976.47	1,488.23	4,187.58	2,068.09	0.32	-0.17	0.122
19.00	-60.67	-6.13	0.00	-546.47	0.00	546.47	2,967.34	1,483.67	4,155.39	2,052.19	0.36	-0.17	0.121
20.00	-60.20	-6.12	0.00	-540.34	0.00	540.34	2,958.17	1,479.08	4,123.27	2,036.33	0.40	-0.18	0.120
21.00	-59.73	-6.10	0.00	-534.22	0.00	534.22	2,948.96	1,474.48	4,091.20	2,020.49	0.44	-0.19	0.119
22.00	-59.26	-6.08	0.00	-528.12	0.00	528.12	2,939.70	1,469.85	4,059.20	2,004.69	0.48	-0.21	0.118
23.00	-58.80	-6.07	0.00	-522.04	0.00	522.04	2,930.41	1,465.20	4,027.26	1,988.91	0.52	-0.22	0.117
24.00	-58.33	-6.05	0.00	-515.97	0.00	515.97	2,921.07	1,460.54	3,995.39	1,973.17	0.57	-0.23	0.116
25.00	-57.86	-6.03	0.00	-509.92	0.00	509.92	2,911.70	1,455.85	3,963.58	1,957.46	0.62	-0.24	0.115
26.00	-57.39	-6.02	0.00	-503.88	0.00	503.88	2,902.28	1,451.14	3,931.84	1,941.79	0.67	-0.25	0.114
27.00	-56.93	-6.00	0.00	-497.87	0.00	497.87	2,892.81	1,446.41	3,900.17	1,926.14	0.72	-0.26	0.113
28.00	-56.46	-5.98	0.00	-491.87	0.00	491.87	2,883.31	1,441.66	3,868.56	1,910.54	0.77	-0.27	0.112
29.00	-55.99	-5.97	0.00	-485.88	0.00	485.88	2,873.77	1,436.88	3,837.02	1,894.96	0.83	-0.28	0.111
30.00	-55.53	-5.95	0.00	-479.91	0.00	479.91	2,864.18	1,432.09	3,805.55	1,879.42	0.89	-0.29	0.110
31.00	-55.06	-5.93	0.00	-473.96	0.00	473.96	2,854.56	1,427.28	3,774.15	1,863.91	0.95	-0.30	0.109
31.50	-54.83	-5.92	0.00	-470.98	0.00	470.98	2,849.69	1,424.85	3,758.37	1,856.12	0.98	-0.30	0.109
32.00	-54.53	-5.91	0.00	-468.04	0.00	468.04	2,844.89	1,422.44	3,742.82	1,848.44	1.02	-0.31	0.107
33.00	-53.93	-5.90	0.00	-462.12	0.00	462.12	2,833.37	1,416.69	3,709.20	1,831.83	1.08	-0.32	0.106
34.00	-53.34	-5.88	0.00	-456.23	0.00	456.23	2,819.42	1,409.71	3,672.56	1,813.74	1.15	-0.33	0.105
35.00	-52.74	-5.85	0.00	-450.35	0.00	450.35	2,805.48	1,402.74	3,636.10	1,795.73	1.22	-0.34	0.104
35.67	-52.34	-5.84	0.00	-446.43	0.00	446.43	2,236.04	1,118.02	2,957.95	1,460.82	1.27	-0.34	0.118
36.00	-52.20	-5.84	0.00	-444.50	0.00	444.50	2,233.84	1,116.92	2,950.23	1,457.01	1.29	-0.35	0.117
37.00	-51.76	-5.82	0.00	-438.67	0.00	438.67	2,227.15	1,113.58	2,926.88	1,445.48	1.36	-0.36	0.116
38.00	-51.32	-5.80	0.00	-432.85	0.00	432.85	2,220.42	1,110.21	2,903.56	1,433.96	1.44	-0.37	0.115
39.00	-50.88	-5.78	0.00	-427.06	0.00	427.06	2,213.65	1,106.83	2,880.28	1,422.46	1.52	-0.38	0.114
40.00	-50.44	-5.76	0.00	-421.28	0.00	421.28	2,206.84	1,103.42	2,857.02	1,410.98	1.60	-0.39	0.113
41.00	-50.01	-5.73	0.00	-415.53	0.00	415.53	2,199.98	1,099.99	2,833.81	1,399.51	1.68	-0.40	0.111
42.00	-49.57	-5.71	0.00	-409.79	0.00	409.79	2,193.09	1,096.54	2,810.63	1,388.06	1.77	-0.41	0.110
43.00	-49.13	-5.69	0.00	-404.08	0.00	404.08	2,186.15	1,093.07	2,787.48	1,376.63	1.85	-0.42	0.109
44.00	-48.70	-5.67	0.00	-398.39	0.00	398.39	2,179.17	1,089.58	2,764.38	1,365.22	1.94	-0.43	0.108
45.00	-48.26	-5.65	0.00	-392.72	0.00	392.72	2,172.15	1,086.07	2,741.31	1,353.83	2.03	-0.44	0.107
46.00	-47.83	-5.63	0.00	-387.07	0.00	387.07	2,165.08	1,082.54	2,718.28	1,342.46	2.13	-0.45	0.106
47.00	-47.40	-5.60	0.00	-381.44	0.00	381.44	2,157.98	1,078.99	2,695.29	1,331.10	2.22	-0.46	0.104

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:55 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 82
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

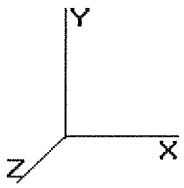
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

48.00	-46.96	-5.58	0.00	-375.84	0.00	375.84	2,150.84	1,075.42	2,672.35	1,319.77	2.32	-0.47	0.103
49.00	-46.53	-5.56	0.00	-370.26	0.00	370.26	2,143.65	1,071.82	2,649.44	1,308.46	2.42	-0.48	0.102
50.00	-46.10	-5.53	0.00	-364.70	0.00	364.70	2,136.42	1,068.21	2,626.58	1,297.17	2.52	-0.49	0.101
51.00	-45.67	-5.51	0.00	-359.17	0.00	359.17	2,129.15	1,064.57	2,603.76	1,285.90	2.62	-0.50	0.100
52.00	-45.24	-5.49	0.00	-353.65	0.00	353.65	2,121.84	1,060.92	2,580.99	1,274.65	2.73	-0.51	0.098
53.00	-44.81	-5.46	0.00	-348.17	0.00	348.17	2,114.48	1,057.24	2,558.26	1,263.43	2.83	-0.52	0.097
54.00	-44.38	-5.44	0.00	-342.70	0.00	342.70	2,107.09	1,053.54	2,535.57	1,252.22	2.94	-0.53	0.096
55.00	-43.95	-5.41	0.00	-337.27	0.00	337.27	2,099.65	1,049.82	2,512.93	1,241.04	3.06	-0.54	0.095
56.00	-43.52	-5.39	0.00	-331.85	0.00	331.85	2,092.17	1,046.09	2,490.35	1,229.89	3.17	-0.54	0.094
57.00	-43.10	-5.36	0.00	-326.46	0.00	326.46	2,084.65	1,042.33	2,467.80	1,218.76	3.28	-0.55	0.092
58.00	-42.67	-5.34	0.00	-321.10	0.00	321.10	2,077.09	1,038.54	2,445.31	1,207.65	3.40	-0.56	0.091
59.00	-42.25	-5.31	0.00	-315.76	0.00	315.76	2,069.49	1,034.74	2,422.87	1,196.56	3.52	-0.57	0.090
59.00	-42.25	-5.31	0.00	-315.76	0.00	315.76	2,069.49	1,034.74	2,422.87	1,196.56	3.52	-0.57	0.128
60.00	-41.87	-5.29	0.00	-310.44	0.00	310.44	2,061.84	1,030.92	2,400.48	1,185.51	3.64	-0.58	0.126
61.00	-41.50	-5.27	0.00	-305.16	0.00	305.16	2,054.15	1,027.08	2,378.14	1,174.47	3.76	-0.59	0.124
62.00	-41.14	-5.24	0.00	-299.89	0.00	299.89	2,046.43	1,023.21	2,355.85	1,163.47	3.89	-0.61	0.123
63.00	-40.77	-5.22	0.00	-294.64	0.00	294.64	2,038.66	1,019.33	2,333.61	1,152.48	4.02	-0.62	0.121
64.00	-40.40	-5.20	0.00	-289.42	0.00	289.42	2,030.85	1,015.42	2,311.43	1,141.53	4.15	-0.63	0.120
65.00	-40.03	-5.17	0.00	-284.22	0.00	284.22	2,022.99	1,011.50	2,289.31	1,130.60	4.28	-0.65	0.118
66.00	-39.67	-5.15	0.00	-279.05	0.00	279.05	2,015.10	1,007.55	2,267.24	1,119.70	4.42	-0.66	0.116
67.00	-39.30	-5.13	0.00	-273.90	0.00	273.90	2,007.16	1,003.58	2,245.22	1,108.83	4.56	-0.67	0.115
68.00	-38.94	-5.10	0.00	-268.77	0.00	268.77	1,999.18	999.59	2,223.27	1,097.99	4.70	-0.68	0.113
69.00	-38.49	-4.88	0.00	-263.47	0.00	263.47	1,991.17	995.58	2,201.37	1,087.17	4.85	-0.70	0.112
70.00	-38.13	-4.85	0.00	-258.59	0.00	258.59	1,983.10	991.55	2,179.53	1,076.39	4.99	-0.71	0.110
70.00	-38.13	-4.85	0.00	-258.58	0.00	258.58	1,983.08	991.54	2,179.46	1,076.35	4.99	-0.71	0.110
71.00	-37.68	-4.83	0.00	-253.74	0.00	253.74	1,973.67	986.83	2,156.29	1,064.91	5.14	-0.72	0.107
72.00	-37.24	-4.80	0.00	-248.91	0.00	248.91	1,962.03	981.01	2,130.78	1,052.31	5.30	-0.73	0.106
73.00	-36.79	-4.77	0.00	-244.11	0.00	244.11	1,950.39	975.19	2,105.42	1,039.79	5.45	-0.74	0.104
73.50	-36.57	-4.76	0.00	-241.71	0.00	241.71	1,462.66	731.33	1,612.14	796.18	5.53	-0.75	0.122
74.00	-36.40	-4.75	0.00	-239.35	0.00	239.35	1,460.16	730.08	1,604.66	792.48	5.61	-0.75	0.121
75.00	-36.06	-4.72	0.00	-234.60	0.00	234.60	1,455.09	727.55	1,589.60	785.05	5.77	-0.77	0.119
76.00	-35.73	-4.70	0.00	-229.88	0.00	229.88	1,449.99	724.99	1,574.57	777.62	5.93	-0.78	0.117
77.00	-35.39	-4.67	0.00	-225.19	0.00	225.19	1,444.84	722.42	1,559.56	770.21	6.09	-0.79	0.116
78.00	-35.05	-4.64	0.00	-220.52	0.00	220.52	1,439.65	719.82	1,544.57	762.81	6.26	-0.80	0.114
79.00	-34.72	-4.62	0.00	-215.87	0.00	215.87	1,434.42	717.21	1,529.61	755.42	6.43	-0.82	0.112
80.00	-34.39	-4.59	0.00	-211.26	0.00	211.26	1,429.14	714.57	1,514.67	748.04	6.60	-0.83	0.110
81.00	-34.05	-4.56	0.00	-206.67	0.00	206.67	1,423.83	711.91	1,499.76	740.67	6.78	-0.84	0.108
82.00	-33.72	-4.54	0.00	-202.11	0.00	202.11	1,418.47	709.24	1,484.87	733.32	6.95	-0.85	0.106
83.00	-33.39	-4.51	0.00	-197.57	0.00	197.57	1,413.07	706.54	1,470.00	725.98	7.13	-0.86	0.104
84.00	-33.06	-4.48	0.00	-193.06	0.00	193.06	1,407.64	703.82	1,455.17	718.65	7.31	-0.87	0.102
85.00	-32.73	-4.45	0.00	-188.58	0.00	188.58	1,402.15	701.08	1,440.36	711.34	7.50	-0.88	0.100
86.00	-32.40	-4.42	0.00	-184.13	0.00	184.13	1,396.63	698.32	1,425.58	704.04	7.69	-0.89	0.098
87.00	-32.07	-4.40	0.00	-179.70	0.00	179.70	1,391.07	695.53	1,410.84	696.76	7.87	-0.91	0.096
88.00	-31.74	-4.37	0.00	-175.31	0.00	175.31	1,385.46	692.73	1,396.12	689.49	8.06	-0.92	0.094
89.00	-31.42	-4.34	0.00	-170.94	0.00	170.94	1,379.82	689.91	1,381.43	682.24	8.26	-0.93	0.092
90.00	-31.09	-4.31	0.00	-166.60	0.00	166.60	1,374.13	687.06	1,366.78	675.00	8.45	-0.94	0.090
91.00	-30.76	-4.28	0.00	-162.29	0.00	162.29	1,368.40	684.20	1,352.16	667.78	8.65	-0.95	0.088
92.00	-30.44	-4.25	0.00	-158.01	0.00	158.01	1,362.62	681.31	1,337.57	660.58	8.85	-0.96	0.087
93.00	-29.84	-4.16	0.00	-153.76	0.00	153.76	1,356.81	678.41	1,323.02	653.39	9.05	-0.97	0.085
94.00	-29.52	-4.13	0.00	-149.59	0.00	149.59	1,350.95	675.48	1,308.50	646.22	9.26	-0.98	0.083
95.00	-29.20	-4.10	0.00	-145.46	0.00	145.46	1,345.06	672.53	1,294.02	639.07	9.46	-0.99	0.081
96.00	-28.88	-4.07	0.00	-141.36	0.00	141.36	1,339.12	669.56	1,279.58	631.94	9.67	-1.00	0.079
97.00	-28.55	-4.04	0.00	-137.29	0.00	137.29	1,333.14	666.57	1,265.17	624.82	9.88	-1.00	0.077
98.00	-28.23	-4.01	0.00	-133.25	0.00	133.25	1,327.12	663.56	1,250.81	617.73	10.09	-1.01	0.075
99.00	-27.91	-3.98	0.00	-129.24	0.00	129.24	1,321.05	660.53	1,236.48	610.65	10.30	-1.02	0.073
100.00	-27.59	-3.95	0.00	-125.26	0.00	125.26	1,314.95	657.47	1,222.19	603.60	10.52	-1.03	0.071
101.00	-27.28	-3.92	0.00	-121.30	0.00	121.30	1,308.80	654.40	1,207.95	596.56	10.74	-1.04	0.070

Pole :	302484	Code: ANSI/TIA-222 Rev G	3/11/2015 5:42:55 PM
Location :	Branford CT 6, CT	Struct Class : II	Page: 83
Height :	150.0 (ft)	Exposure Category : B	
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 0.75 in Radial Ice — 31 Iterations

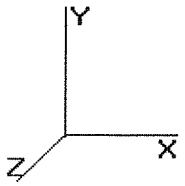
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00

Dead Load Factor : 1.20 — Ice Importance Factor : 1.00

Wind Load Factor : 1.00

102.00	-26.96	-3.89	0.00	-117.38	0.00	117.38	1,302.62	651.31	1,193.75	589.55	10.95	-1.05	0.068
103.00	-26.35	-3.76	0.00	-113.49	0.00	113.49	1,296.39	648.19	1,179.59	582.55	11.17	-1.06	0.066
104.00	-26.04	-3.73	0.00	-109.73	0.00	109.73	1,290.11	645.06	1,165.47	575.58	11.40	-1.06	0.064
105.00	-25.72	-3.70	0.00	-106.00	0.00	106.00	1,283.80	641.90	1,151.40	568.63	11.62	-1.07	0.062
106.00	-25.41	-3.67	0.00	-102.30	0.00	102.30	1,277.45	638.72	1,137.37	561.70	11.85	-1.08	0.060
107.00	-25.10	-3.64	0.00	-98.64	0.00	98.64	1,271.05	635.53	1,123.39	554.80	12.07	-1.09	0.059
108.00	-24.78	-3.60	0.00	-95.00	0.00	95.00	1,264.61	632.31	1,109.46	547.92	12.30	-1.10	0.057
109.00	-24.47	-3.57	0.00	-91.40	0.00	91.40	1,256.49	628.25	1,094.14	540.35	12.53	-1.10	0.055
110.00	-24.16	-3.54	0.00	-87.82	0.00	87.82	1,247.19	623.60	1,077.91	532.34	12.76	-1.11	0.054
110.00	-24.16	-3.54	0.00	-87.81	0.00	87.81	1,247.16	623.58	1,077.86	532.31	12.77	-1.11	0.054
110.00	-24.16	-3.54	0.00	-87.81	0.00	87.81	849.80	424.90	738.78	364.86	12.77	-1.11	0.064
111.00	-23.87	-3.51	0.00	-84.28	0.00	84.28	846.28	423.14	730.22	360.63	13.00	-1.12	0.062
112.00	-23.57	-3.48	0.00	-80.77	0.00	80.77	842.69	421.35	721.63	356.39	13.23	-1.12	0.060
113.00	-19.62	-2.87	0.00	-77.29	0.00	77.29	839.07	419.54	713.06	352.15	13.47	-1.13	0.056
114.00	-19.34	-2.84	0.00	-74.42	0.00	74.42	835.41	417.70	704.50	347.92	13.71	-1.14	0.054
115.00	-19.06	-2.81	0.00	-71.58	0.00	71.58	831.70	415.85	695.95	343.70	13.95	-1.14	0.052
116.00	-18.78	-2.78	0.00	-68.77	0.00	68.77	827.95	413.98	687.42	339.49	14.19	-1.15	0.050
117.00	-18.50	-2.75	0.00	-65.99	0.00	65.99	824.16	412.08	678.90	335.28	14.43	-1.16	0.049
118.00	-18.23	-2.71	0.00	-63.25	0.00	63.25	820.33	410.17	670.39	331.08	14.67	-1.16	0.047
119.00	-17.95	-2.68	0.00	-60.53	0.00	60.53	816.46	408.23	661.91	326.89	14.91	-1.17	0.045
119.00	-17.95	-2.68	0.00	-60.53	0.00	60.53	816.46	408.23	661.91	326.89	14.91	-1.17	0.207
120.00	-17.72	-2.65	0.00	-57.85	0.00	57.85	812.54	406.27	653.43	322.71	15.16	-1.17	0.201
121.00	-17.50	-2.63	0.00	-55.20	0.00	55.20	808.59	404.29	644.98	318.53	15.41	-1.20	0.195
122.00	-17.23	-2.59	0.00	-52.57	0.00	52.57	804.59	402.30	636.55	314.37	15.66	-1.23	0.189
123.00	-17.01	-2.57	0.00	-49.98	0.00	49.98	800.55	400.28	628.13	310.21	15.92	-1.25	0.182
124.00	-16.81	-2.55	0.00	-47.41	0.00	47.41	796.47	398.24	619.74	306.07	16.19	-1.28	0.176
125.00	-16.61	-2.53	0.00	-44.86	0.00	44.86	792.35	396.17	611.37	301.93	16.46	-1.31	0.170
126.00	-16.41	-2.51	0.00	-42.33	0.00	42.33	788.19	394.09	603.01	297.81	16.74	-1.33	0.163
127.00	-16.21	-2.49	0.00	-39.82	0.00	39.82	783.98	391.99	594.69	293.69	17.02	-1.35	0.156
128.00	-16.01	-2.47	0.00	-37.33	0.00	37.33	779.73	389.87	586.38	289.59	17.30	-1.38	0.149
129.00	-15.81	-2.45	0.00	-34.87	0.00	34.87	775.44	387.72	578.10	285.50	17.59	-1.40	0.143
130.00	-13.52	-2.10	0.00	-32.42	0.00	32.42	771.11	385.56	569.85	281.43	17.89	-1.42	0.133
131.00	-13.36	-2.08	0.00	-30.32	0.00	30.32	766.74	383.37	561.62	277.36	18.19	-1.44	0.127
132.00	-13.19	-2.06	0.00	-28.23	0.00	28.23	762.33	381.16	553.41	273.31	18.49	-1.46	0.121
133.00	-13.03	-2.04	0.00	-26.17	0.00	26.17	757.87	378.94	545.24	269.27	18.80	-1.48	0.114
134.00	-12.87	-2.02	0.00	-24.14	0.00	24.14	753.38	376.69	537.09	265.25	19.11	-1.49	0.108
135.00	-12.71	-1.99	0.00	-22.12	0.00	22.12	748.84	374.42	528.98	261.24	19.42	-1.51	0.102
136.00	-12.54	-1.97	0.00	-20.13	0.00	20.13	744.26	372.13	520.89	257.25	19.74	-1.53	0.095
137.00	-12.38	-1.95	0.00	-18.16	0.00	18.16	739.64	369.82	512.83	253.27	20.06	-1.54	0.088
138.00	-12.22	-1.92	0.00	-16.21	0.00	16.21	734.98	367.49	504.81	249.31	20.39	-1.55	0.082
139.00	-12.07	-1.90	0.00	-14.29	0.00	14.29	730.27	365.14	496.82	245.36	20.71	-1.57	0.075
140.00	-7.58	-1.20	0.00	-12.39	0.00	12.39	725.52	362.76	488.86	241.43	21.04	-1.58	0.062
141.00	-7.48	-1.18	0.00	-11.19	0.00	11.19	720.74	360.37	480.93	237.51	21.38	-1.59	0.058
142.00	-7.38	-1.17	0.00	-10.01	0.00	10.01	715.91	357.95	473.04	233.62	21.71	-1.60	0.053
143.00	-7.29	-1.15	0.00	-8.85	0.00	8.85	709.92	354.96	464.46	229.38	22.04	-1.60	0.049
144.00	-7.19	-1.13	0.00	-7.70	0.00	7.70	702.92	351.46	455.30	224.86	22.38	-1.61	0.044
145.00	-7.09	-1.12	0.00	-6.56	0.00	6.56	695.93	347.97	446.23	220.38	22.72	-1.62	0.040
146.00	-7.00	-1.10	0.00	-5.45	0.00	5.45	688.94	344.47	437.26	215.95	23.06	-1.62	0.035
147.00	-6.90	-1.08	0.00	-4.35	0.00	4.35	681.95	340.97	428.38	211.56	23.40	-1.63	0.031
148.00	-6.81	-1.07	0.00	-3.27	0.00	3.27	674.96	337.48	419.58	207.22	23.74	-1.63	0.026
149.00	-6.71	-1.05	0.00	-2.20	0.00	2.20	667.96	333.98	410.88	202.92	24.08	-1.64	0.021
150.00	0.00	-0.86	0.00	-1.15	0.00	1.15	660.97	330.49	402.27	198.67	24.43	-1.64	0.006

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:55 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 84
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 0 Iterations

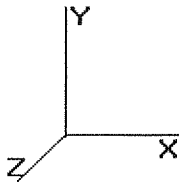
Gust Response Factor : 1.10		Sds : 0.26	Ss : 0.24
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	Sd1 : 0.10	S1 : 0.06
Wind Load Factor : 0.00	Structure Frequency : 0.2370	SA : 0.02	Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

R : 1.50

Seg Top Elev (ft)	Description	Wz (lb)	a	b	c	Lateral Fs (lb)
0.00		0.00	0.00	0.00	0.00	0.00
1.00		151.73	0.00	0.01	0.00	1.84
2.00	Reinf Bottom Reinf	151.08	0.00	0.01	0.01	3.05
3.00		150.44	0.00	0.02	0.01	3.95
4.00		149.79	0.00	0.03	0.01	4.64
5.00		149.15	0.00	0.03	0.02	5.19
6.00		148.51	0.00	0.04	0.02	5.63
7.00		147.86	0.00	0.04	0.02	6.00
8.00		147.22	0.01	0.05	0.03	6.30
9.00		146.58	0.01	0.05	0.03	6.54
10.00		145.93	0.01	0.05	0.03	6.75
11.00		145.29	0.01	0.06	0.03	6.92
12.00		144.64	0.01	0.06	0.03	7.06
13.00		144.00	0.01	0.06	0.03	7.17
14.00		143.36	0.02	0.06	0.04	7.26
15.00		142.71	0.02	0.06	0.04	7.34
16.00		142.07	0.02	0.06	0.04	7.39
17.00		141.42	0.02	0.07	0.04	7.44
18.00	Reinf. Top Reinf. Top	140.78	0.03	0.07	0.04	7.48
19.00		140.14	0.03	0.07	0.04	7.50
20.00		139.49	0.03	0.07	0.04	7.52
21.00		138.85	0.04	0.07	0.04	7.54
22.00		138.21	0.04	0.07	0.04	7.55
23.00		137.56	0.04	0.07	0.04	7.55
24.00		136.92	0.05	0.07	0.04	7.56
25.00		136.27	0.05	0.07	0.04	7.56
26.00		135.63	0.06	0.07	0.04	7.56
27.00		134.99	0.06	0.07	0.04	7.56
28.00		134.34	0.07	0.07	0.04	7.56
29.00		133.70	0.07	0.07	0.04	7.56
30.00		133.05	0.08	0.07	0.04	7.56
31.00		132.41	0.08	0.07	0.04	7.56
31.50	Bot - Section 2	66.40	0.08	0.07	0.04	3.80
32.00		121.09	0.09	0.07	0.04	6.95
33.00		242.93	0.09	0.07	0.04	14.02
34.00		241.74	0.10	0.07	0.04	14.03
35.00		240.56	0.10	0.07	0.04	14.05
35.67	Top - Section 1	160.52	0.11	0.07	0.04	9.41
36.00		36.30	0.11	0.07	0.04	2.13
37.00		109.65	0.11	0.07	0.04	6.48
38.00		109.12	0.12	0.07	0.03	6.49
39.00		108.58	0.13	0.07	0.03	6.49
40.00		108.04	0.13	0.07	0.03	6.50
41.00		107.50	0.14	0.07	0.03	6.51
42.00		106.97	0.15	0.07	0.03	6.52
43.00		106.43	0.16	0.07	0.03	6.52
44.00		105.89	0.16	0.07	0.03	6.52
45.00		105.35	0.17	0.07	0.03	6.52
46.00		104.82	0.18	0.07	0.03	6.52
47.00		104.28	0.19	0.06	0.03	6.51
48.00		103.74	0.19	0.06	0.02	6.50

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:55 PM
Height :	150.0 (ft)	Exposure Category : B	Page: 85
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		

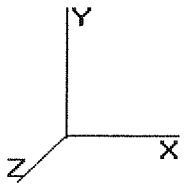


Load Case: 1.2D + 1.0E — Dead Load with Seismic — 0 Iterations

Gust Response Factor : 1.10 | Sds : 0.26 | Ss : 0.24
Dead Load Factor : 1.20 | Seismic Load Factor : 1.00 | Sd1 : 0.10 | S1 : 0.06
Wind Load Factor : 0.00 | Structure Frequency : 0.2370 | SA : 0.02 | Seismic Importance Factor : 1.00

49.00		103.20	0.20	0.06	0.02	6.48
50.00		102.67	0.21	0.06	0.02	6.46
51.00		102.13	0.22	0.06	0.02	6.43
52.00		101.59	0.23	0.06	0.02	6.39
53.00		101.06	0.24	0.06	0.02	6.34
54.00		100.52	0.24	0.06	0.02	6.28
55.00		99.98	0.25	0.05	0.02	6.20
56.00		99.44	0.26	0.05	0.02	6.11
57.00		98.91	0.27	0.05	0.01	6.01
58.00		98.37	0.28	0.05	0.01	5.89
59.00	Reinf. Top	97.83	0.29	0.05	0.01	5.74
60.00		97.29	0.30	0.04	0.01	5.58
61.00		96.76	0.31	0.04	0.01	5.39
62.00		96.22	0.32	0.04	0.01	5.18
63.00		95.68	0.33	0.04	0.01	4.93
64.00		95.14	0.34	0.03	0.01	4.66
65.00		94.61	0.35	0.03	0.01	4.36
66.00		94.07	0.37	0.03	0.01	4.02
67.00		93.53	0.38	0.03	0.01	3.65
68.00		92.99	0.39	0.02	0.01	3.25
69.00	Appertunance(s)	102.46	0.40	0.02	0.01	3.12
70.00		91.92	0.41	0.01	0.01	2.35
70.00	Bot - Section 3	0.31	0.41	0.01	0.01	0.01
71.00		165.36	0.42	0.01	0.01	3.36
72.00		164.95	0.44	0.01	0.01	2.43
73.00		163.98	0.45	0.00	0.01	1.45
73.50	Top - Section 2	82.17	0.45	0.00	0.01	0.48
74.00		36.32	0.46	0.00	0.01	0.10
75.00		72.81	0.47	-0.01	0.01	-0.25
76.00		72.38	0.49	-0.01	0.01	-0.70
77.00		71.96	0.50	-0.02	0.01	-1.14
78.00		71.53	0.51	-0.02	0.01	-1.57
79.00		71.10	0.52	-0.03	0.01	-1.98
80.00		70.67	0.54	-0.03	0.01	-2.37
81.00		70.24	0.55	-0.03	0.01	-2.74
82.00		69.81	0.56	-0.04	0.01	-3.07
83.00		69.38	0.58	-0.05	0.01	-3.38
84.00		68.95	0.59	-0.05	0.01	-3.65
85.00		68.52	0.61	-0.06	0.02	-3.89
86.00		68.09	0.62	-0.06	0.02	-4.10
87.00		67.66	0.64	-0.07	0.02	-4.28
88.00		67.23	0.65	-0.07	0.02	-4.43
89.00		66.80	0.67	-0.08	0.02	-4.55
90.00		66.38	0.68	-0.08	0.03	-4.65
91.00		65.95	0.70	-0.09	0.03	-4.71
92.00		65.52	0.71	-0.09	0.03	-4.76
93.00	Appertunance(s)	109.09	0.73	-0.09	0.04	-8.01
94.00		64.66	0.74	-0.10	0.04	-4.78
95.00		64.23	0.76	-0.10	0.04	-4.76
96.00		63.80	0.77	-0.11	0.05	-4.72
97.00		63.37	0.79	-0.11	0.05	-4.66
98.00		62.94	0.81	-0.11	0.06	-4.58
99.00		62.51	0.82	-0.12	0.06	-4.48
100.0		62.08	0.84	-0.12	0.07	-4.37
101.0		61.65	0.86	-0.12	0.07	-4.25
102.0		61.22	0.87	-0.12	0.08	-4.11
103.0	Appertunance(s)	104.80	0.89	-0.12	0.08	-6.82

Pole :	302484	Code: ANSI/TIA-222 Rev G	
Location :	Branford CT 6, CT	Struct Class : II	3/11/2015 5:42:55 PM
Height :	150.0 (ft)	Exposure Category : B	Page : 86
Base Dia :	37.38 (in)	Topographic Category : 1	
Top Dia :	15.00 (in)	Base Elev : 0.000 (ft)	
Shape :	12 Sides		
Taper :	0.156700 (in/ft)		



Load Case: 1.2D + 1.0E — Dead Load with Seismic — 0 Iterations

Gust Response Factor : 1.10 | Sds : 0.26 | Ss : 0.24
Dead Load Factor : 1.20 | Seismic Load Factor : 1.00 | Sd1 : 0.10 | S1 : 0.06
Wind Load Factor : 0.00 | Structure Frequency : 0.2370 | SA : 0.02 | Seismic Importance Factor : 1.00

104.0		60.37	0.91	-0.12	0.09	-3.79
105.0		59.94	0.93	-0.12	0.10	-3.61
106.0		59.51	0.94	-0.12	0.11	-3.41
107.0		59.08	0.96	-0.12	0.11	-3.21
108.0		58.65	0.98	-0.11	0.12	-2.99
109.0		58.22	1.00	-0.11	0.13	-2.76
110.0		57.79	1.02	-0.11	0.14	-2.52
110.0	Top - Section 3	0.19	1.02	-0.11	0.14	-0.01
111.0		43.12	1.03	-0.10	0.15	-1.71
112.0		42.94	1.05	-0.09	0.16	-1.52
113.0	Appertunance(s)	2796.52	1.07	-0.08	0.17	-86.00
114.0		42.30	1.09	-0.07	0.18	-1.10
115.0		41.97	1.11	-0.06	0.19	-0.88
116.0		41.65	1.13	-0.05	0.21	-0.65
117.0		41.33	1.15	-0.04	0.22	-0.42
118.0		41.00	1.17	-0.02	0.23	-0.18
119.0	Reinf. Top	40.68	1.19	0.00	0.25	0.07
120.0		40.36	1.21	0.01	0.26	0.32
121.0		40.04	1.23	0.03	0.28	0.58
122.0	Appertunance(s)	49.71	1.25	0.06	0.29	1.06
123.0		39.39	1.27	0.08	0.31	1.12
124.0		39.07	1.29	0.11	0.33	1.39
125.0		38.74	1.31	0.14	0.35	1.67
126.0		38.42	1.33	0.17	0.37	1.96
127.0		38.10	1.35	0.20	0.39	2.25
128.0		37.78	1.38	0.24	0.41	2.55
129.0		37.45	1.40	0.28	0.43	2.85
130.0	Appertunance(s)	686.03	1.42	0.32	0.45	58.29
131.0		36.81	1.44	0.37	0.48	3.46
132.0		36.48	1.46	0.42	0.50	3.78
133.0		36.16	1.49	0.47	0.53	4.10
134.0		35.84	1.51	0.52	0.55	4.42
135.0		35.52	1.53	0.58	0.58	4.74
136.0		35.19	1.55	0.64	0.61	5.07
137.0		34.87	1.58	0.71	0.64	5.40
138.0		34.55	1.60	0.78	0.67	5.73
139.0		34.23	1.62	0.85	0.70	6.07
140.0	Appertunance(s)	578.40	1.65	0.93	0.73	109.32
141.0		33.58	1.67	1.01	0.77	6.75
142.0		33.26	1.69	1.10	0.81	7.09
143.0		32.93	1.72	1.19	0.84	7.44
144.0		32.61	1.74	1.29	0.88	7.78
145.0		32.29	1.77	1.39	0.92	8.13
146.0		31.97	1.79	1.50	0.96	8.48
147.0		31.64	1.82	1.61	1.00	8.82
148.0		31.32	1.84	1.73	1.05	9.17
149.0		31.00	1.86	1.85	1.09	9.52
150.0	Appertunance(s)	3266.37	1.89	1.98	1.14	1051.14
	Totals:	20,674.19				1,595.25

Total Wind : 35,922.4

Seismic Base Shear Is Less Than 50% Of Wind Force - Analysis Not Required