

280 Trumbull Street
Hartford, CT 06103-3597
Main (860) 275-8200
Fax (860) 275-8299
kbaldwin@rc.com
Direct (860) 275-8345

Also admitted in Massachusetts

June 13, 2014

Via Hand Delivery

Melanie A. Bachman
Acting Executive Director
Connecticut Siting Council
10 Franklin Square
New Britain, CT 06051

Re: **Request of Cellco Partnership d/b/a Verizon Wireless for an Order to Approve the Shared Use of an Existing Tower at 289H Mountain Street, Hartford, Connecticut**

Dear Ms. Bachman:

Pursuant to Connecticut General Statutes (“C.G.S.”) §16-50aa, as amended, Cellco Partnership d/b/a Verizon Wireless (“Cellco”) hereby requests an order from the Connecticut Siting Council (“Council”) to approve the shared use by Cellco of an existing telecommunications tower, owned by American Tower Corporation (“ATC”) at 289H Mountain Street in Hartford, Connecticut (the “Property”). Cellco requests that the Council find that the proposed shared use of the ATC tower satisfies the criteria of C.G.S § 16-50aa and issue an order approving the proposed shared use. A copy of this letter is being sent to Hartford’s Mayor Pedro E. Segarra. The Property is owned by the Metropolitan District Commission (“MDC”).

Background

The existing ATC facility consists of a 110-foot monopole tower within a fenced compound. The tower is currently being shared by Clearwire at the 110-foot level, AT&T at the 100-foot level, T-Mobile at the 89.5-foot level; Metro PCS at the 73-foot level; and Town of West Hartford antennas at the 96-foot level. Equipment associated with the existing antennas is located within a fenced compound at the base of the tower.



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Melanie A. Bachman
June 13, 2014
Page 2

Cellco is licensed by the Federal Communications Commission (“FCC”) to provide wireless services throughout the State of Connecticut. Cellco and ATC have agreed to the proposed shared use of the Mountain Street tower pursuant to mutually acceptable terms and conditions, and ATC has authorized Cellco to apply for all necessary permits and approvals that may be required to share the existing tower. (See Owner’s Authorization Letter included in Attachment 1).

Cellco proposes to install twelve (12) antennas at the 80-foot level on the tower. Cellco will also install six (6) remote radio heads (RRHs) behind its 2100 MHz and 700 MHz antennas. Equipment associated with Cellco’s antennas and a propane-fueled back-up generator will be located inside the existing 12’ x 30’ shelter in the northeast corner of the compound.¹ Included in Attachment 2 are Cellco’s project plans showing the location of all proposed site improvements, the limits of the facility compound and the limits of ATC’s leased area.

C.G.S. § 16-50aa(c)(1) provides that, upon written request for approval of a proposed shared use, “if the council finds that the proposed shared use of the facility is technically, legally, environmentally and economically feasible and meets public safety concerns, the council shall issue an order approving such shared use.” Cellco respectfully submits that the shared use of the existing tower satisfies these criteria.

A. Technical Feasibility. The existing tower is structurally capable of supporting Cellco’s antennas and related equipment. The proposed shared use of this tower is, therefore, technically feasible. A Structural Analysis Report verifying the structural integrity of the tower, and its ability to support Cellco’s antennas and related equipment is included in Attachment 3.

B. Legal Feasibility. Under C.G.S. § 16-50aa, the Council has been authorized to issue orders approving the shared use of an existing tower such as the ATC tower in Hartford. This authority complements the Council’s prior-existing authority under C.G.S. § 16-50p to issue orders approving the construction of new towers that are subject to the Council’s jurisdiction. In addition, § 16-50x(a) directs the Council to “give such consideration to other state laws and municipal regulations as it shall deem appropriate” in ruling on requests for the shared use of existing tower facilities. Under the statutory authority vested in the Council, an order by the Council approving the requested shared use would permit the Applicant to obtain a building

¹ The placement of Cellco’s equipment shelter was the subject of an exempt modification filing with the Council on February 7, 2014 (EM-VER-064-140210).



Melanie A. Bachman
June 13, 2014
Page 3

permit for the proposed installations.

C. **Environmental Feasibility.** The proposed shared use of the ATC tower would have a minimal environmental effect, for the following reasons:

1. The proposed installation of twelve (12) antennas and related RRHs at the 80-foot level on the existing 110-foot tower would have an insignificant incremental visual impact on the area around the existing tower. Cellco would place its shelter and propane fuel tank within the limits of the existing gravel facility compound. Cellco's shared use of this tower would therefore, not cause any significant change or alteration in the physical or environmental characteristics of the existing site.
2. Noise associated with the equipment shelter's air conditioning ("A/C") units was evaluated for compliance with State and/or local noise standards. According to the Noise Compliance Study included in Attachment 4, noise from the shelter's A/C units will not exceed State and/or local noise limits. Noise associated with Cellco's emergency back-up generator is exempt from State and local noise standards.
3. Operation of Cellco's antennas at this site would not exceed the Radio Frequency ("RF") emissions standards adopted by the Federal Communications Commission ("FCC"). Included in Attachment 5 are Far Field Approximation tables for each of Cellco's operating frequencies. In each frequency range, the highest RF emissions levels will occur at a point more than 200 feet from the base of the tower. These Far Field calculations demonstrate that Cellco's antennas will operate well below the FCC guidelines for RF emissions.
4. Under ordinary operating conditions, the proposed installation would not require the use of any water or sanitary facilities and would not generate air emissions or discharges to water bodies or sanitary facilities. After construction is complete the proposed installations would not generate any increased traffic to the ATC facility other than periodic (monthly) maintenance visits to the cell site.



Melanie A. Bachman
June 13, 2014
Page 4

The proposed use of the ATC facility would, therefore, have a minimal environmental effect, and is environmentally feasible.

D. Economic Feasibility. As previously mentioned, ATC and Cellco have entered into a lease for the shared use of the existing tower on mutually agreeable terms. The proposed tower sharing is, therefore, economically feasible. (See Attachment 1).

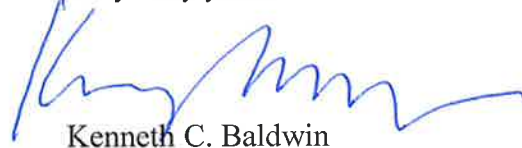
E. Public Safety Concerns. As discussed above, the tower is structurally capable of supporting Cellco's full array of twelve (12) antennas, RRHs and related equipment. Cellco is not aware of any public safety concerns relative to the proposed sharing of the existing ATC tower. In fact, the provision of new and improved wireless service through shared use of the existing tower is expected to enhance the safety and welfare of area residents and members of the general public traveling through Hartford.

Conclusion

For the reasons discussed above, the proposed shared use of the existing ATC tower at the Property satisfies the criteria stated in C.G.S. § 16-50aa and advances the General Assembly's and the Council's goal of preventing the unnecessary proliferation of towers in Connecticut. The Applicant, therefore, respectfully requests that the Council issue an order approving the proposed shared use of the ATC tower.

Thank you for your consideration of this matter.

Very truly yours,



Kenneth C. Baldwin

Enclosures

Copy to:

Pedro E. Segarra, Mayor
Metropolitan District Commission
Sandy M. Carter



ATTACHMENT 1



AMERICAN TOWER*
CORPORATION


LETTER OF AUTHORIZATION

ATC SITE # / NAME: 302481 / Hrfr - South
SITE ADDRESS: 289 Mountain St, Hartford CT 06106
LICENSEE: CELLCO PARTNERSHIP D/B/A VERIZON WIRELESS

I, David Hockey, Zoning Manager for American Tower*, owner of the tower facility located at the address identified above (the "Tower Facility"), do hereby authorize Cellco Partnership d/b/a Verizon Wireless its successors and assigns, and/or its agent, (collectively, the "Licensee") to act as American Tower's non-exclusive agent for the sole purpose of filing and consummating any land-use or building permit application(s) as may be required by the applicable permitting authorities for Licensee's telecommunications' installation.

We understand that this application may be denied, modified or approved with conditions. The above authorization is limited to the acceptance by Licensee only of conditions related to Licensee's installation and any such conditions of approval or modifications will be Licensee's sole responsibility.

Signature:



Print Name: David Hockey
Zoning Manager
American Tower*

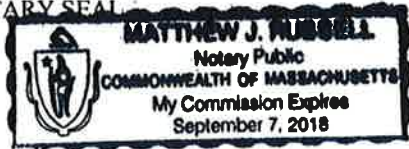
NOTARY BLOCK

Commonwealth of MASSACHUSETTS
County of Middlesex

This instrument was acknowledged before me by David Hockey, Zoning Manager for American Tower* personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

WITNESS my hand and official seal, this 14th day of April, 2014.

NOTARY SEAL



Notary Public 
My Commission Expires: 9/7/18

*American Tower includes all affiliates and subsidiaries of American Tower Corporation.

ATTACHMENT 2

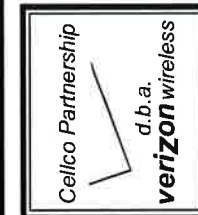
Cellco Partnership

d.b.a. **verizon** wireless

WIRELESS COMMUNICATIONS FACILITY

HARTFORD SOUTH 3
289H MOUNTAIN STREET
HARTFORD, CT 06106

REV.	DATE	DRAWN BY	CHK'D BY	DESCRIPTION
4	04/02/14	KAW	DMD	REVISED CSC
3	02/14/14	HMR	CFC	REVISED CSC
2	02/06/14	DMD	CFC	ISSUED FOR CSC
1	12/12/13	HMR	DMD	ISSUED FOR CSC - CLIENT REVIEW
0	12/10/13	HMR	DMD	ISSUED FOR CSC - CLIENT REVIEW



CEN TEK engineering
Centered on SolutionsSM
www.CentekEng.com
(203) 488-0580
(203) 488-8587 Fax
63-2 North Branford Road, Branford, CT 06405

Cellco Partnership d/b/a Verizon Wireless
HARTFORD SOUTH 3
289H MOUNTAIN STREET
HARTFORD, CT 06106
DATE: 12/09/13
SCALE: AS NOTED
JOB NO. 13204.000

TITLE SHEET

T-1
DWG. 1 OF 2

SITE DIRECTIONS

FROM: 99 EAST RIVER DRIVE EAST HARTFORD, CT **TO:** 289H MOUNTAIN STREET HARTFORD, CT 06106

1. Head East on E River Dr. toward Darlin St. 0.3 mi
2. Turn left to stay on E River Dr. 400 ft
3. Take the 1st left onto Connecticut Blvd. 0.2 mi
4. Turn left to merge onto I-84. 3.0 mi
5. Take exit 45 on the left for Flatbush Ave. 0.8 mi
6. Turn left onto Flatbush Ave. 0.1 mi
7. Turn right onto Brookfield St. 0.5 mi
8. Turn left onto Dart St. 0.2 mi
9. Take the 1st right onto Chandler St. 0.2 mi
10. Slight right toward White St. 177 ft
11. Turn left onto White St. 177 ft
12. Take the 1st right onto Harvard St. 0.5 mi
13. Harvard St. turns right and becomes Mountain St. 266 ft
14. Turn left to stay on Mountain St, and the destination will be on the left. 0.2 mi

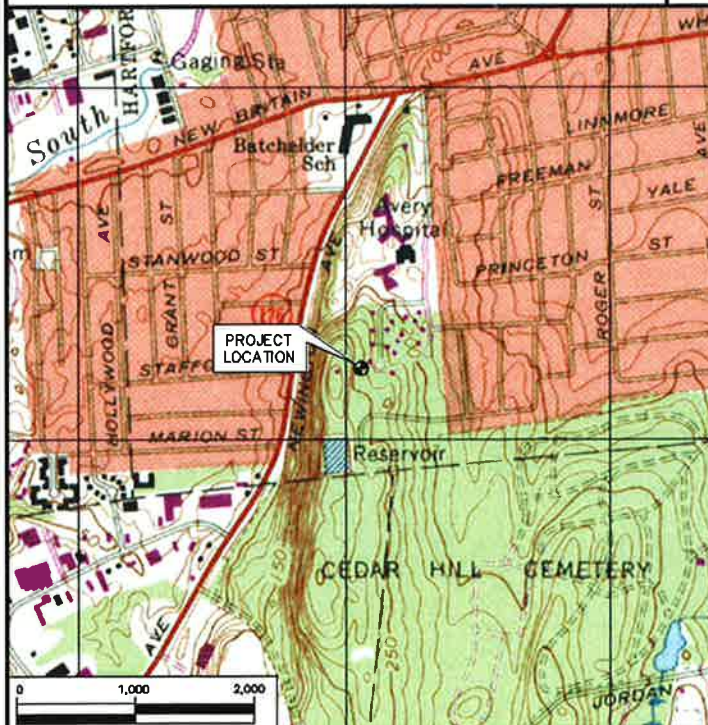
GENERAL NOTES

1. PROPOSED ANTENNA LOCATIONS AND HEIGHTS PROVIDED BY CELCO PARTNERSHIP.

PROJECT SCOPE

1. THE SCOPE OF WORK GENERALLY INCLUDES THE INSTALLATION OF (12) PANEL ANTENNAS MOUNTED TO AN EXISTING 100' TALL MONOPOLE TOWER WITH 10' EXTENSION AT A CENTERLINE ELEVATION OF 80' ABOVE GRADE.
2. AN EQUIPMENT SHELTER WITH PROPANE FUELED EMERGENCY POWER GENERATOR AND 1000 GALLON PROPANE TANK ATOP CONC. PAD WILL BE INSTALLED AT GRADE.

VICINITY MAP SCALE: 1" = 2000'

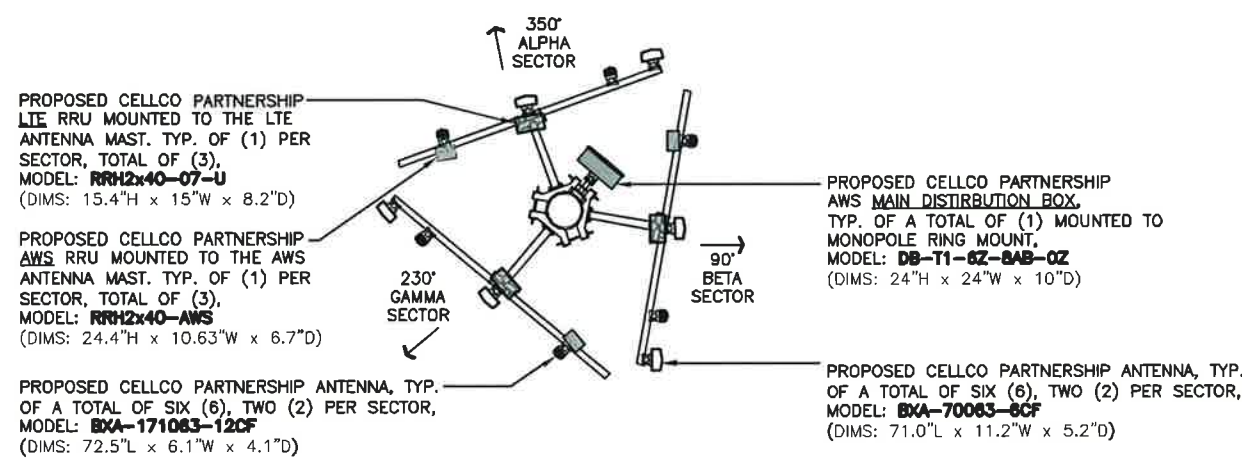


PROJECT SUMMARY

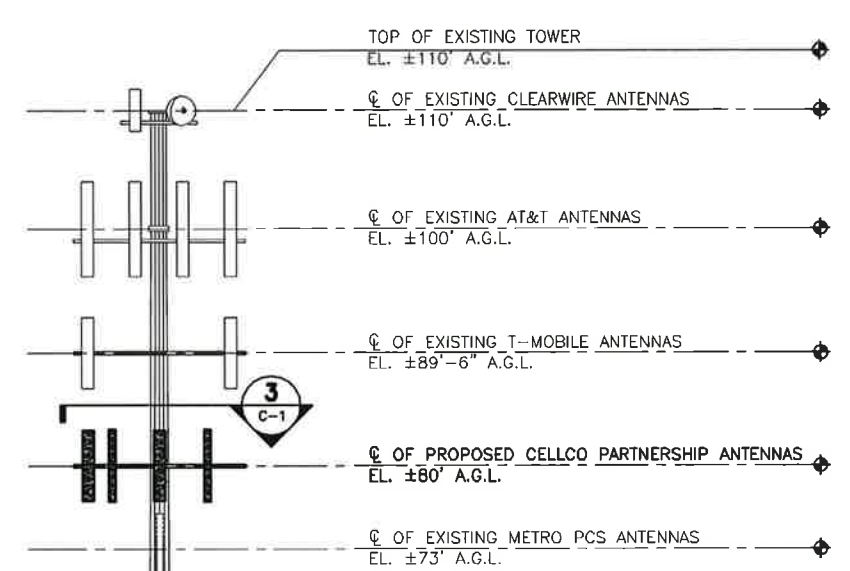
SITE NAME: HARTFORD SOUTH 3
SITE ADDRESS: 289H MOUNTAIN ST HARTFORD, CT 06106
LESSEE/TENANT: CELCO PARTNERSHIP d.b.a. CELCO PARTNERSHIP WIRELESS 99 EAST RIVER DRIVE EAST HARTFORD, CT 06108
CONTACT PERSON: SANDY CARTER CELCO PARTNERSHIP (860) 803-8219
ENGINEER: CENTEK ENGINEERING, INC. 63-2 NORTH BRANFORD ROAD BRANFORD, CT 06405 (203) 488-0580
TOWER COORDINATES: LATITUDE: 41°-43'-35.63"
LONGITUDE: 72°-42'-29.61"
GROUND ELEVATION: ±286' A.M.S.L. (REFERENCED FROM CSC DATABASE)

SHEET INDEX

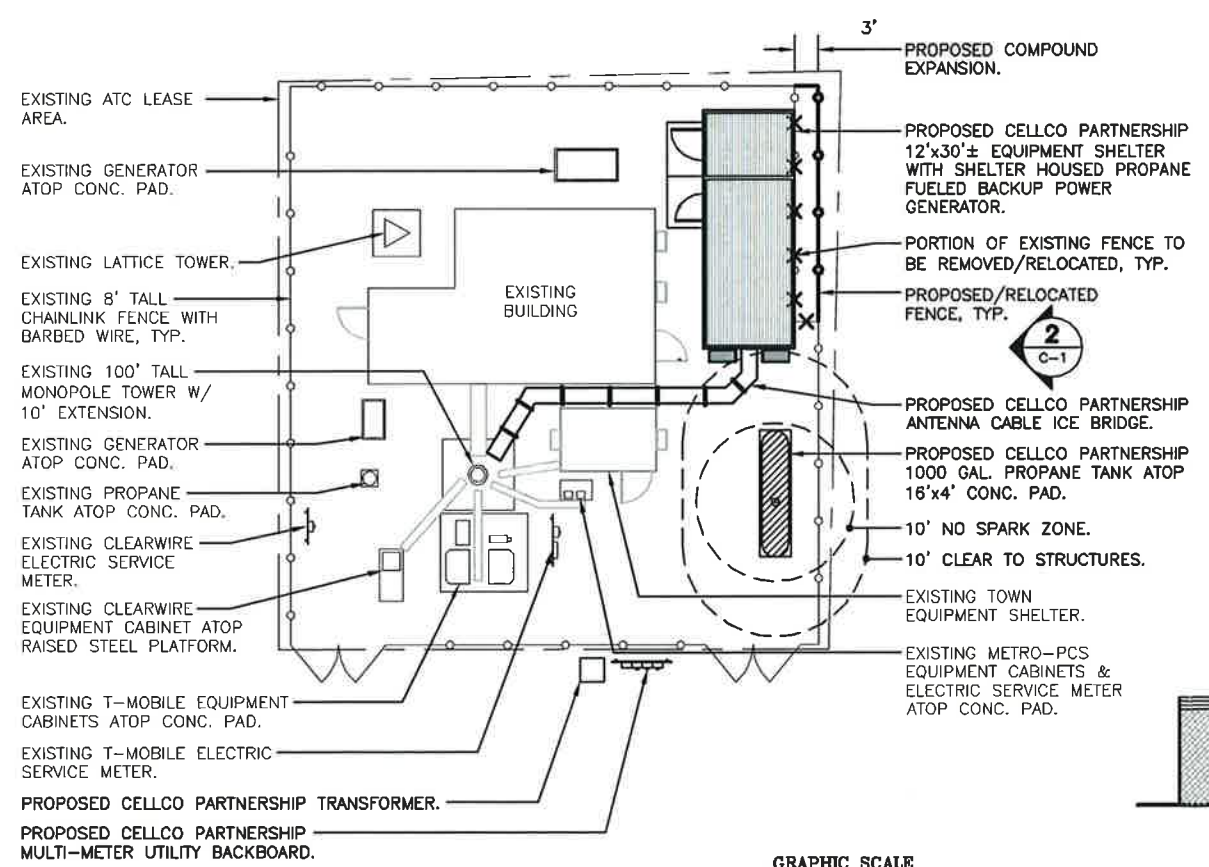
SHT. NO.	DESCRIPTION	REV. NO.
T-1	TITLE SHEET	3
C-1	ELEVATION, PLAN AND ANTENNA CONFIG.	3



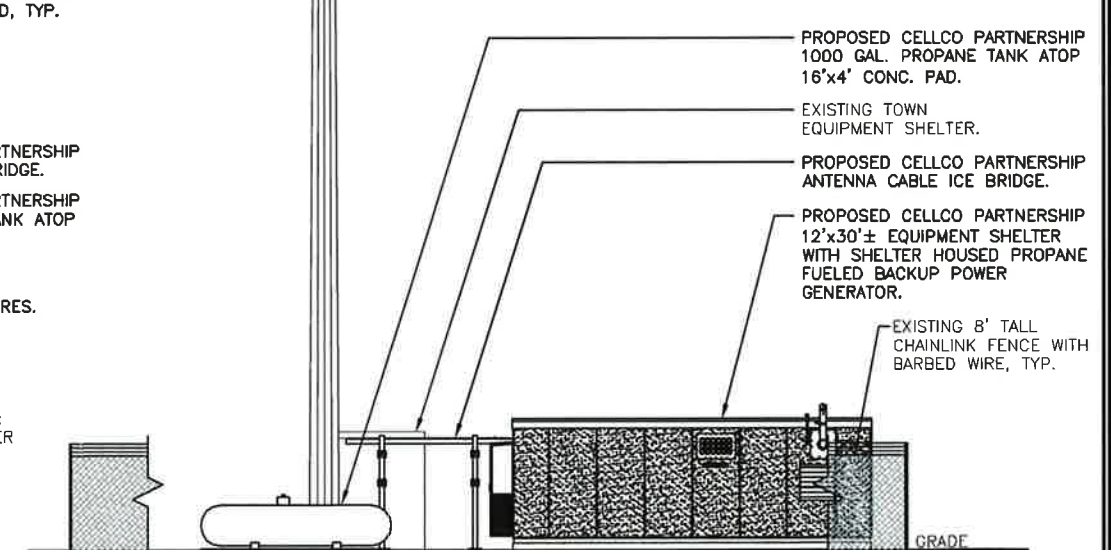
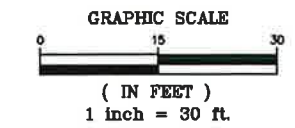
3 ANTENNA CONFIGURATION - PLAN
 C-1 SCALE: 3/32" = 1'-0" (PROPOSED) TRUE NORTH



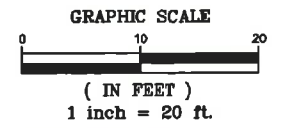
TOWER STRUCTURAL NOTE:
 REFER TO STRUCTURAL ANALYSIS REPORT PREPARED BY AMERICAN TOWER CORPORATION, PROJ. NO. 53958523, DATED DECEMBER 6, 2013 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.



1 COMPOUND PLAN - PROPOSED
 C-1 SCALE: 1" = 30'-0" TRUE NORTH



2 EAST ELEVATION - PROPOSED
 C-1 SCALE: 1" = 20'-0" TRUE NORTH



REV.	DATE	DRAWN	CHK'D	DESCRIPTION
4	04/02/14	KAW	DMD	REVISED CSC
3	02/14/14	HMR	CFC	REVISED CSC
2	02/06/14	DMD	CFC	ISSUED FOR CSC
1	12/12/13	HMR	DMD	ISSUED FOR CSC - CLIENT REVIEW
0	12/10/13	HMR	DMD	ISSUED FOR CSC - CLIENT REVIEW

Cellco Partnership
 d.b.a.
verizon wireless

CENITEK engineering
 Centered on Solutions™
 www.Centitek.com
 (203) 488-0580
 (203) 488-8597 Fax
 43-2 North Branford Road, Branford, CT 06405

Cellco Partnership d/b/a Verizon Wireless
HARTFORD SOUTH 3
 289H MOUNTAIN STREET
 HARTFORD, CT 06106
 DATE: 12/09/13
 SCALE: AS NOTED
 JOB NO. 13204.000

ELEVATION, PLAN AND ANTENNA CONFIG.

C-1
 DWG. 2 OF 2

ATTACHMENT 3



AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure : 110 ft Monopole
ATC Site Name : Hrfr - South, CT
ATC Site Number : 302481
Engineering Number : 53958524
Proposed Carrier : Verizon
Carrier Site Name : Hartford S 3, CT
Carrier Site Number : N/A
Site Location : Mountain Road
Hartford, CT 06106-4121
41.726569,-72.708169
County : Hartford
Date : June 6, 2014
Max Usage : 98%
Result : Pass

Daniel Motter



Jun 6 2014 1:38 PM



Table of Contents

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



Introduction

The purpose of this report is to summarize results of a structural analysis performed on the 110 ft monopole to reflect the change in loading by Verizon.

Supporting Documents

Tower Drawings	Mapped by Smith Cullum Site #CT-0017(A), dated June 6, 2001
Foundation Drawing	Girard & Co Engineering Job #39902, dated April 29, 1988
Geotechnical Report	TEP Project #071162.01, dated July 23, 2007
Modifications	ATC Job #42719232, dated January 12, 2009 ATC Job #595333, dated September 25, 2009 ATC Job # 44662232, dated March 30, 2010

Analysis

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

Basic Wind Speed:	95 mph (3-Second Gust)
Basic Wind Speed w/ Ice:	50 mph (3-Second Gust) w/ 1" radial ice concurrent
Code:	ANSI/TIA-222-G / 2003 IBC w/ 2005 CT Supplement & 2009 CT Amendment
Structure Class:	II
Exposure Category:	B
Topographic Category:	4
Crest Height:	36.4 ft

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					
110.0	110.0	3	DragonWave Horizon Compact	Side Arms	(6) 5/16" Coax (3) 1/2" Coax (1) 2" Conduit	Clearwire
		1	DragonWave A-ANT-23G-1-C			
		3	NextNet BTS-2500			
		3	Argus LLPX310R			
		2	DragonWave A-ANT-11G-2.5-C			
100.0	102.0	1	Raycap DC6-48-60-18-8F	Platform w/ Handrails	(12) 1 5/8" Coax (2) 0.78" 8 AWG 6 (1) 3" Conduit (1) 0.39" Cable	AT&T Mobility
		6	Ericsson RRUS 11 (Band 12)			
		6	Powerwave 7770.00			
		2	KMW AM-X-CD-16-65-00T-RET			
	100.0	1	Andrew SBNH-1D6565C			
		6	Kathrein 860-10025			
		3	Powerwave TT19-08BP111-001			
96.0	98.0	1	Scala 840 10212	Flush	(1) 7/8" Coax	Town Of W. Hartford
	96.0	1	TX RX Systems 421-86A-10-18-12			
89.5	91.0	6	CCI DTMA-1819-DD-12-N	Low Profile Platform	(18) 1 5/8" Coax	T-Mobile
		3	RFS APXV18-206516S-C			
		3	RFS APX16DWV-16DWV-S-E-ACU			
73.0	75.0	3	RFS APXV18-206517S-C	Side Arms	-	Metro PCS
70.0	70.0	1	Radio/ODU	Flush	(2) 3/8" Coax (1) 1/4" Coax	Town Of W. Hartford
		1	2' Std. Dish			
66.0	68.0	1	Scala 840 10212	Flush	(1) 7/8" Coax	

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					
80.0	80.0	3	Alcatel-Lucent RRH2x40 (700)	T-Arms	(12) 1 5/8" Coax (2) 1 5/8" Hybriflex	Verizon
		3	Alcatel-Lucent RRH2x40-AWS			
		6	Antel BXA-171063-12CF-EDIN-5			
		1	RFS DB-T1-6Z-8AB-OZ			
		6	Antel BXA-70063-6CF-EDIN-2			

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

Install proposed coax outside the pole shaft. Stacking coax is not allowed.



Structure Usages

Structural Component	Controlling Usage	Pass/Fail
Anchor Bolts	54%	Pass
Shaft	91%	Pass
Base Plate	98%	Pass
Flanges	17%	Pass
Reinforcement	88%	Pass

Foundations

Reaction Component	Analysis Reactions
Moment (Kips-Ft)	1,596.8
Axial (Kips)	66.9
Shear (Kips)	23.3

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) (°)
80.0	0.905	1.175

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



Standard Conditions

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

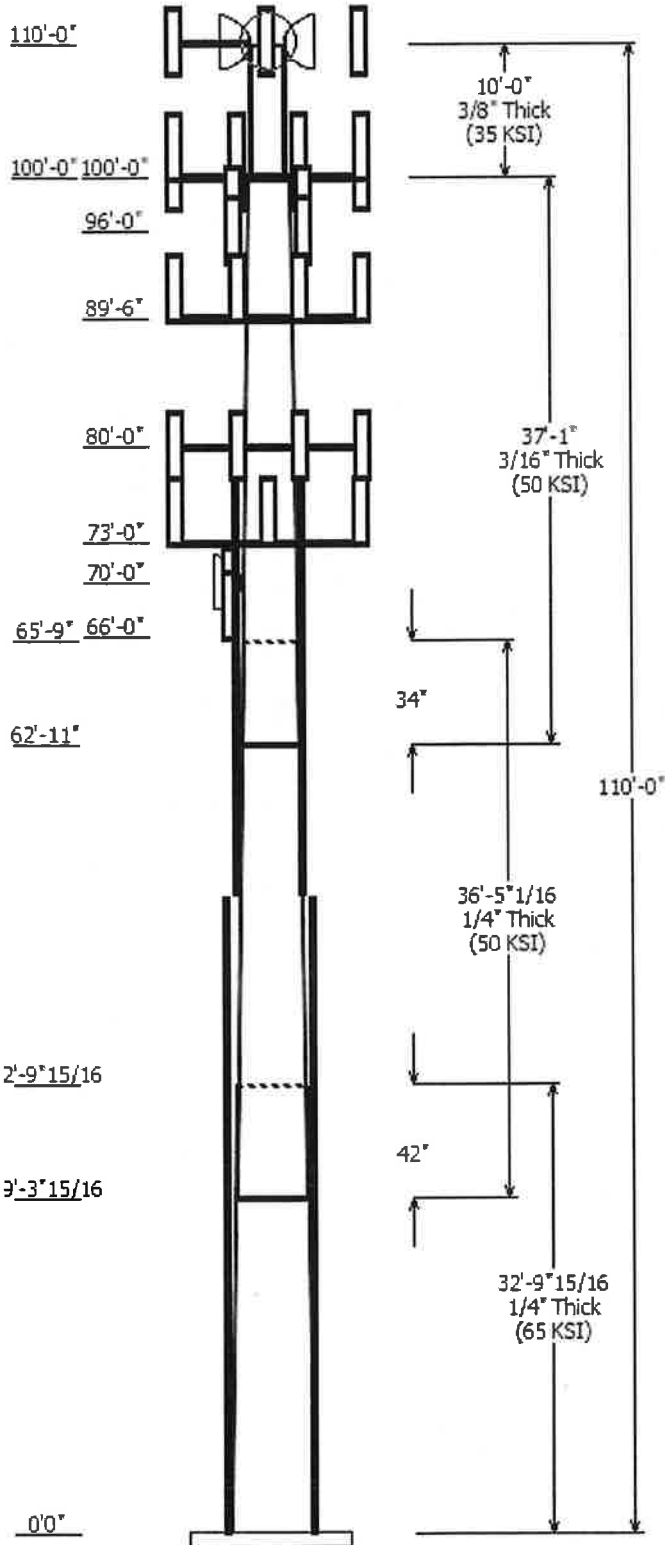
- Information supplied by the client regarding the structure itself, antenna, mounts and feed line loading on the structure and its components, or other relevant information.
- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements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

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

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

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

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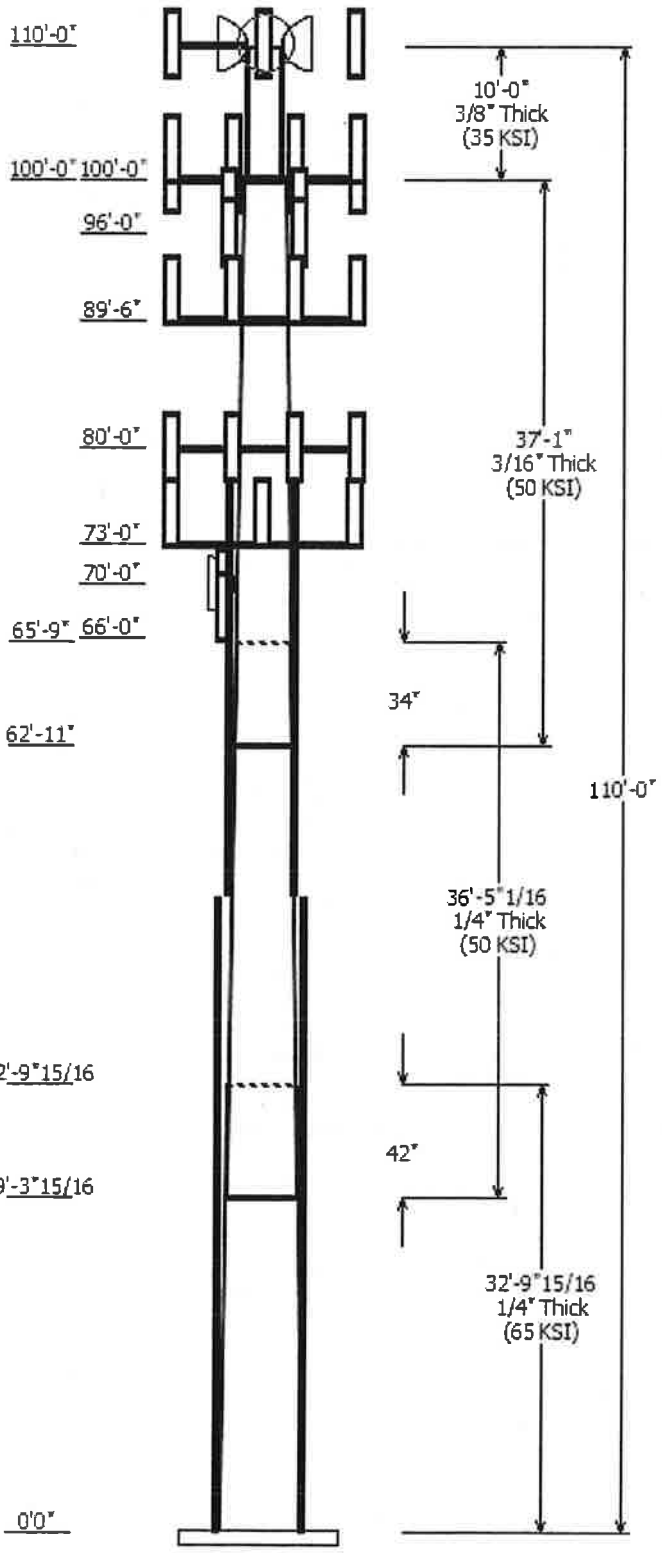


Job Information	
Pole : 302481	Code: ANSI/TIA-222 Rev G
Description : 110' ITT Meyer Monopole	
Client : Verizon Wireless	Struct Class : II
Location : Hrfr - South, CT	
Shape : 12 Sides	Exposure : B
Height : 110.00 (ft)	Topo : 4
Base Elev (ft): 0.00	
Taper: 0.16375(in/ft)	

Sections Properties								
Shaft Section	Length (ft)	Diameter (in)		Thick Joint (in)	Type	Overlap Length (in)	Steel Taper (in/ft)	Steel Grade (ksi)
		Across Top	Flats Bottom					
1	32.830	24.62	30.00	0.250		0.000	0.163751	65
2	36.420	19.73	25.69	0.250	Slip Joint	42.000	0.163751	50
3	37.083	14.50	20.57	0.188	Slip Joint	34.000	0.163751	50
4	10.000	12.75	12.75	0.375	Butt Joint	0.000	0.000000	35

Discrete Appurtenance			
Attach Elev (ft)	Force Elev (ft)	Qty	Description
110.000	110.000	1	DragonWave A-ANT-23G-1-C
110.000	110.000	1	Side Arms
110.000	110.000	3	Argus LLPX310R
110.000	110.000	3	NextNet BTS-2500
110.000	110.000	2	DragonWave A-ANT-11G-2.5-C
110.000	110.000	3	DragonWave Horizon Compact
100.000	102.000	6	Powerwave 7770.00
100.000	102.000	1	Andrew SBNH-1D6565C
100.000	102.000	1	Raycap DC6-48-60-18-8F
100.000	102.000	2	KMW AM-X-CD-16-65-00T-RET
100.000	100.000	6	Kathrein 860-10025
100.000	102.000	6	Ericsson RRUS 11 (Band 12)
100.000	100.000	1	Flat Platform w/ Handrails
100.000	100.000	3	Powerwave TT19-08BP111-001
100.000	100.000	6	Powerwave LGP21401
96.000	96.000	1	TX RX Systems 421-86A-10-18-
96.000	98.000	1	Scala 840 10212
89.500	91.000	3	RFS APXV18-206516S-C
89.500	91.000	3	RFS APX16DWV-16DWV-S-E-
89.500	89.500	1	Flat Low Profile Platform
89.500	91.000	6	CCI DTMA-1819-DD-12-N
80.000	80.000	3	Flat T-Arm
80.000	80.000	3	Alcatel-Lucent RRH2x40-AWS
80.000	80.000	3	Alcatel-Lucent RRH2x40 (700)
80.000	80.000	1	RFS DB-T1-6Z-8AB-0Z
80.000	80.000	6	Antel BXA-70063-6CF-EDIN-2
80.000	80.000	6	Antel BXA-171063-12CF-EDIN-5
73.000	73.000	3	Round Side Arm
73.000	75.000	3	RFS APXV18-206517S-C
70.000	70.000	1	Radio/ODU
70.000	70.000	1	2' Std. Dish
66.000	68.000	1	Scala 840 10212

Linear Appurtenance			
Elev (ft) From	To	Description	Exposed To Wind
81.000	110.0	2" Conduit	Yes
5.000	66.000	7/8" Coax	Yes
5.000	70.000	1/4" Coax	Yes
5.000	70.000	3/8" Coax	Yes
5.000	80.000	1 5/8" Coax	Yes



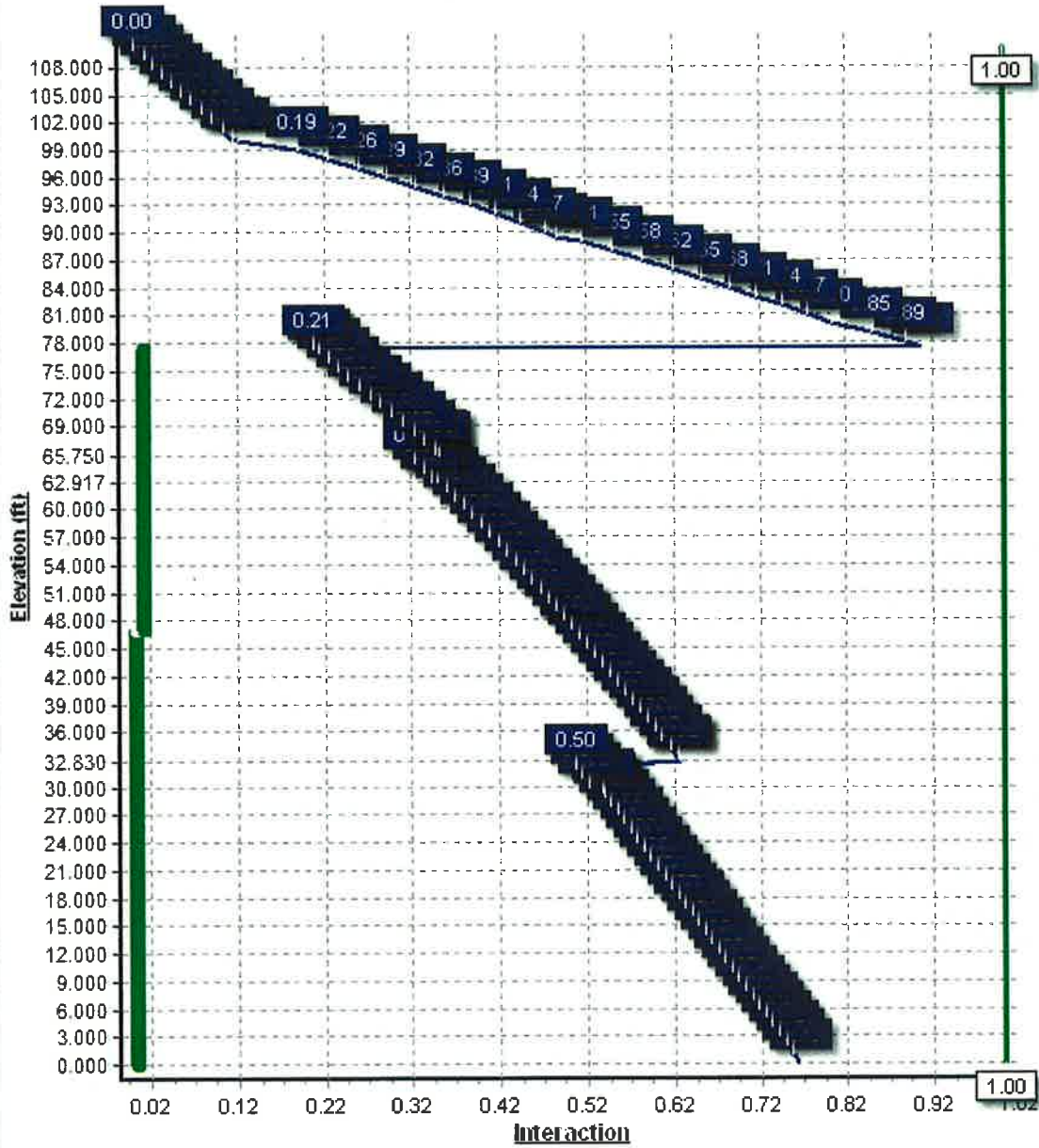
5.000	80.000	1 5/8" Hybriflex	Yes
5.000	81.000	2" Conduit	Yes
5.000	89.500	1 5/8" Coax	Yes
5.000	96.000	7/8" Coax	Yes
5.000	100.0	0.39" Cable	No
5.000	100.0	0.78" 8 AWG 6	No
5.000	100.0	1 5/8" Coax	No
5.000	100.0	3" Conduit	No
5.000	110.0	1/2" Coax	Yes
5.000	110.0	5/16" Coax	Yes
0.000	81.000	#20 Dywidag	Yes

Load Cases	
1.2D + 1.6W	95.00 mph with No Ice
0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)
1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice
1.2D + 1.0E	Dead Load with Seismic
0.9D + 1.0E	Dead Load with Seismic (Reduced DL)
1.0D + 1.0W	60.00 mph Serviceability

Reactions			
Load Case	Moment (kip-ft)	Shear (kip)	Axial (kip)
1.2D + 1.6W	1596.76	23.32	27.18
0.9D + 1.6W	1563.81	23.11	21.67
1.2D + 1.0Di + 1.0Wi	455.62	6.11	66.90
1.2D + 1.0E	103.38	1.09	27.19
0.9D + 1.0E	102.03	1.09	21.69
1.0D + 1.0W	401.03	5.95	23.52

Dish Deflections			
Load Case	Attach Elev (ft)	Deflection (in)	Rotation (deg)
1.0D + 1.0W	70.00	8.559	1.054
1.0D + 1.0W	110.00	19.911	1.550
1.0D + 1.0W	110.00	19.911	1.550

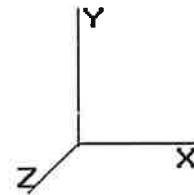
Load Case : 1.2D + 1.6W
Max Ratio 90.63% at 77.5ft



Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AM
 Page : 1



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Shaft Section Properties

Sect Info	Length (ft)	Thick (in)	Fy (ksi)	Slip		Weight (lb)	Bottom						Top							
				Joint Type	Joint Len (in)		Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Dia (in)	Elev (ft)	Area (sqin)	Ix (in^4)	W/t Ratio	D/t Ratio	Taper (in/ft)	
1-12	32.830	0.2500	65		0.00	2,434	30.00	0.00	23.95	2705.5	29.47	120.00	24.62	32.83	19.62	1487.9	23.71	98.50	0.163751	
2-12	36.420	0.2500	50	Slip	42.00	2,241	25.69	29.33	20.49	1693.2	24.86	102.79	19.73	65.75	15.68	759.9	18.47	78.93	0.163751	
3-12	37.083	0.1875	50	Slip	34.00	1,322	20.57	62.92	12.31	652.8	26.72	109.72	14.50	100.00	8.64	225.9	18.04	77.33	0.163751	
4-R	10.000	0.3750	35	Butt	0.00	496	12.75	100.00	14.58	279.3	0.00	34.00	12.75	110.00	14.58	279.3	0.00	34.00	0.000000	
Shaft Weight						6,493														

Discrete Appurtenance Properties

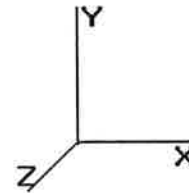
Attach Elev (ft)	Description	Qty	No Ice			Ice			Distance From Face (ft)	Vert Ecc (ft)
			Weight (lb)	EPAA (sf)	Orientation Factor	Weight (lb)	EPAA (sf)	Orientation Factor		
110.00	Argus LLPX310R	3	28.60	4.290	0.73	178.86	5.483	0.73	0.000	0.000
110.00	DragonWave A-ANT-11G-2.5-	2	47.60	8.670	1.00	213.57	10.919	1.00	0.000	0.000
110.00	DragonWave A-ANT-23G-1-C	1	15.00	1.610	1.00	60.99	2.595	1.00	0.000	0.000
110.00	DragonWave Horizon	3	10.60	0.430	0.50	54.71	0.773	0.50	0.000	0.000
110.00	NextNet BTS-2500	3	35.00	1.820	0.50	115.74	2.552	0.50	0.000	0.000
110.00	Side Arms	1	560.00	8.500	1.00	1,169.38	17.750	1.00	0.000	0.000
100.00	Andrew SBNH-1D6565C	1	60.80	11.450	0.84	419.00	13.601	0.84	0.000	2.000
100.00	Ericsson RRUS 11 (Band 12)	6	55.00	2.520	0.67	166.09	3.375	0.67	0.000	2.000
100.00	Flat Platform w/ Handrails	1	2000.00	42.400	1.00	3,836.92	69.507	1.00	0.000	0.000
100.00	Kathrein 860-10025	6	1.10	0.140	0.50	15.31	0.398	0.50	0.000	0.000
100.00	KMW AM-X-CD-16-65-00T-	2	48.50	8.020	0.79	306.49	9.722	0.79	0.000	2.000
100.00	Powerwave 7770.00	6	35.00	5.510	0.77	221.02	6.900	0.77	0.000	2.000
100.00	Powerwave LCP21401	6	14.10	1.100	0.50	62.55	1.719	0.50	0.000	0.000
100.00	Powerwave TT19-08BP111-	3	16.00	0.640	0.50	56.31	1.019	0.50	0.000	0.000
100.00	Raycap DC6-48-60-18-8F	1	31.80	1.110	1.00	159.67	3.065	1.00	0.000	2.000
96.00	Scala 840 10212	1	6.70	2.170	0.73	94.66	3.055	0.73	0.000	2.000
96.00	TX RX Systems 421-86A-10-	1	15.00	2.220	0.67	87.35	3.029	0.67	0.000	0.000
89.50	CCI DTMA-1819-DD-12-N	6	14.30	0.710	0.50	50.57	1.109	0.50	0.000	1.500
89.50	Flat Low Profile Platform	1	1500.00	26.100	1.00	2,331.50	50.602	1.00	0.000	0.000
89.50	RFS APX16DWV-16DWV-S-E-	3	39.60	6.080	0.66	216.83	7.485	0.66	0.000	1.500
89.50	RFS APXV18-206516S-C	3	18.70	3.620	0.77	142.62	4.864	0.77	0.000	1.500
80.00	Alcatel-Lucent RRH2x40 (700)	3	50.00	2.120	0.67	168.00	2.934	0.67	0.000	0.000
80.00	Alcatel-Lucent RRH2x40-AWS	3	44.00	2.160	0.67	144.44	3.003	0.67	0.000	0.000
80.00	Antel BXA-171063-12CF-EDIN-	6	12.80	4.800	0.88	179.02	6.396	0.88	0.000	0.000
80.00	Antel BXA-70063-6CF-EDIN-2	6	17.00	7.570	0.77	252.02	9.212	0.77	0.000	0.000
80.00	Flat T-Arm	3	250.00	12.900	0.67	516.67	23.335	0.67	0.000	0.000
80.00	RFS DB-T1-6Z-8AB-0Z	1	44.00	4.800	0.67	236.08	5.933	0.67	0.000	0.000
73.00	RFS APXV18-206517S-C	3	26.40	5.170	0.80	187.78	6.767	0.80	0.000	2.000
73.00	Round Side Arm	3	150.00	5.200	0.67	243.00	8.654	0.67	0.000	0.000
70.00	2' Std. Dish	1	14.00	5.230	1.00	84.35	7.196	1.00	0.000	0.000
70.00	Radio/ODU	1	30.00	1.600	1.00	115.25	2.297	1.00	0.000	0.000
66.00	Scala 840 10212	1	6.70	2.170	1.00	92.70	3.039	1.00	0.000	2.000
Totals		91	7378.70			21,482.28			Number of Loadings :	32

Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
5.00	110.00	(3) 1/2" Coax	0.00	Y
5.00	110.00	(6) 5/16" Coax	0.00	Y

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:21 AM
 Page: 2

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81.00	110.00	(1) 2" Conduit	2.38	Y
5.00	100.00	(1) 0.39" Cable	0.00	N
5.00	100.00	(2) 0.78" 8 AWG 6	0.00	N
5.00	100.00	(12) 1 5/8" Coax	0.00	N
5.00	100.00	(1) 3" Conduit	0.00	N
5.00	96.00	(1) 7/8" Coax	0.00	Y
5.00	89.50	(18) 1 5/8" Coax	7.92	Y
0.00	81.00	(4) #20 Dywidag	3.75	Y
5.00	81.00	(1) 2" Conduit	0.00	Y
5.00	80.00	(12) 1 5/8" Coax	0.00	Y
5.00	80.00	(2) 1 5/8" Hybriflex	0.00	Y
5.00	70.00	(1) 1/4" Coax	0.00	Y
5.00	70.00	(2) 3/8" Coax	0.00	Y
5.00	66.00	(1) 7/8" Coax	0.00	Y

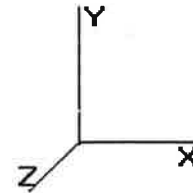
Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	47.00	4	SOL #20 All Thread	80	2.22	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	No
47.00	77.50	4	SOL #20 All Thread	80	2.22	6" Angle Bracket	30.0	3.31	5/8" A36 U-Bolt	Yes

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AM
 Page : 3



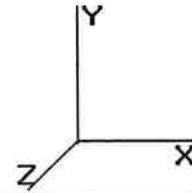
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Segment Properties (Max Len : 1 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	Fy (ksi)	S (in^3)	Weight (lb)	Additional Reinforcing		
											Area (in^2)	Ix (in^4)	Weight (lb)
0.00		0.2500	30.000	23.949	2,705.5	29.47	120.00	72.6	174.2	0.0	19.64	3,357	0.0
1.00		0.2500	29.836	23.817	2,661.0	29.30	119.34	72.8	172.3	81.3	19.64	3,328	66.8
2.00		0.2500	29.672	23.685	2,617.1	29.12	118.69	73.0	170.4	80.8	19.64	3,298	66.8
3.00		0.2500	29.509	23.553	2,573.6	28.95	118.03	73.1	168.5	80.4	19.64	3,269	66.8
4.00		0.2500	29.345	23.421	2,530.7	28.77	117.38	73.3	166.6	79.9	19.64	3,239	66.8
5.00		0.2500	29.181	23.290	2,488.2	28.60	116.72	73.5	164.7	79.5	19.64	3,210	66.8
6.00		0.2500	29.017	23.158	2,446.2	28.42	116.07	73.7	162.9	79.0	19.64	3,181	66.8
7.00		0.2500	28.854	23.026	2,404.6	28.25	115.41	73.9	161.0	78.6	19.64	3,153	66.8
8.00		0.2500	28.690	22.894	2,363.6	28.07	114.76	74.1	159.2	78.1	19.64	3,124	66.8
9.00		0.2500	28.526	22.762	2,323.0	27.89	114.10	74.3	157.3	77.7	19.64	3,095	66.8
10.00		0.2500	28.362	22.631	2,282.9	27.72	113.45	74.5	155.5	77.2	19.64	3,067	66.8
11.00		0.2500	28.199	22.499	2,243.2	27.54	112.79	74.7	153.7	76.8	19.64	3,038	66.8
12.00		0.2500	28.035	22.367	2,204.0	27.37	112.14	74.9	151.9	76.3	19.64	3,010	66.8
13.00		0.2500	27.871	22.235	2,165.3	27.19	111.48	75.1	150.1	75.9	19.64	2,982	66.8
14.00		0.2500	27.707	22.103	2,127.0	27.02	110.83	75.2	148.3	75.4	19.64	2,954	66.8
15.00		0.2500	27.544	21.971	2,089.2	26.84	110.17	75.4	146.5	75.0	19.64	2,927	66.8
16.00		0.2500	27.380	21.840	2,051.8	26.67	109.52	75.6	144.8	74.5	19.64	2,899	66.8
17.00		0.2500	27.216	21.708	2,014.9	26.49	108.86	75.8	143.0	74.1	19.64	2,871	66.8
18.00		0.2500	27.052	21.576	1,978.4	26.32	108.21	76.0	141.3	73.6	19.64	2,844	66.8
19.00		0.2500	26.889	21.444	1,942.3	26.14	107.55	76.2	139.5	73.2	19.64	2,817	66.8
20.00		0.2500	26.725	21.312	1,906.7	25.96	106.90	76.4	137.8	72.7	19.64	2,790	66.8
21.00		0.2500	26.561	21.181	1,871.6	25.79	106.24	76.6	136.1	72.3	19.64	2,763	66.8
22.00		0.2500	26.397	21.049	1,836.8	25.61	105.59	76.8	134.4	71.8	19.64	2,736	66.8
23.00		0.2500	26.234	20.917	1,802.5	25.44	104.93	77.0	132.7	71.4	19.64	2,709	66.8
24.00		0.2500	26.070	20.785	1,768.7	25.26	104.28	77.2	131.1	71.0	19.64	2,682	66.8
25.00		0.2500	25.906	20.653	1,735.2	25.09	103.62	77.4	129.4	70.5	19.64	2,656	66.8
26.00		0.2500	25.742	20.521	1,702.2	24.91	102.97	77.5	127.7	70.1	19.64	2,630	66.8
27.00		0.2500	25.579	20.390	1,669.6	24.74	102.31	77.7	126.1	69.6	19.64	2,603	66.8
28.00		0.2500	25.415	20.258	1,637.5	24.56	101.66	77.9	124.5	69.2	19.64	2,577	66.8
29.00		0.2500	25.251	20.126	1,605.7	24.38	101.00	78.1	122.8	68.7	19.64	2,551	66.8
29.33	Bot - Section 2	0.2500	25.197	20.083	1,595.3	24.33	100.79	78.2	122.3	22.6	19.64	2,543	22.0
30.00		0.2500	25.087	19.994	1,574.4	24.21	100.35	78.3	121.2	92.3	19.64	2,605	44.8
31.00		0.2500	24.924	19.862	1,543.4	24.03	99.69	78.5	119.6	137.0	19.64	2,579	66.8
32.00		0.2500	24.760	19.731	1,512.9	23.86	99.04	78.7	118.0	136.1	19.64	2,553	66.8
32.83	Top - Section 1	0.2500	25.124	20.024	1,581.3	24.25	100.50	62.7	121.6	112.3	19.64	2,531	55.4
33.00		0.2500	25.096	20.001	1,576.0	24.22	100.38	62.7	121.3	11.6	19.64	2,527	11.4
34.00		0.2500	24.932	19.869	1,545.1	24.04	99.73	62.9	119.7	67.8	19.64	2,501	66.8
35.00		0.2500	24.769	19.738	1,514.5	23.87	99.07	63.0	118.1	67.4	19.64	2,476	66.8
36.00		0.2500	24.605	19.606	1,484.4	23.69	98.42	63.0	116.5	66.9	19.64	2,450	66.8
37.00		0.2500	24.441	19.474	1,454.6	23.52	97.76	63.0	115.0	66.5	19.64	2,425	66.8
38.00		0.2500	24.277	19.342	1,425.3	23.34	97.11	63.0	113.4	66.0	19.64	2,400	66.8
39.00		0.2500	24.114	19.210	1,396.4	23.17	96.45	63.0	111.9	65.6	19.64	2,375	66.8
40.00		0.2500	23.950	19.078	1,367.8	22.99	95.80	63.0	110.3	65.1	19.64	2,350	66.8
41.00		0.2500	23.786	18.947	1,339.7	22.81	95.14	63.0	108.8	64.7	19.64	2,325	66.8
42.00		0.2500	23.622	18.815	1,311.9	22.64	94.49	63.0	107.3	64.2	19.64	2,300	66.8
43.00		0.2500	23.459	18.683	1,284.5	22.46	93.83	63.0	105.8	63.8	19.64	2,276	66.8
44.00		0.2500	23.295	18.551	1,257.5	22.29	93.18	63.0	104.3	63.3	19.64	2,251	66.8
45.00		0.2500	23.131	18.419	1,230.9	22.11	92.52	63.0	102.8	62.9	19.64	2,227	66.8
46.00		0.2500	22.967	18.288	1,204.7	21.94	91.87	63.0	101.3	62.5	19.64	2,203	66.8
47.00	Reinf. Top Reinf	0.2500	22.804	18.156	1,178.8	21.76	91.21	63.0	99.9	62.0	19.64	2,179	66.8
48.00		0.2500	22.640	18.024	1,153.3	21.59	90.56	63.0	98.4	61.6	19.64	2,155	66.8
49.00		0.2500	22.476	17.892	1,128.2	21.41	89.90	63.0	97.0	61.1	19.64	2,132	66.8
50.00		0.2500	22.312	17.760	1,103.4	21.23	89.25	63.0	95.5	60.7	19.64	2,108	66.8
51.00		0.2500	22.149	17.628	1,079.0	21.06	88.59	63.0	94.1	60.2	19.64	2,085	66.8
52.00		0.2500	21.985	17.497	1,055.0	20.88	87.94	63.0	92.7	59.8	19.64	2,061	66.8
53.00		0.2500	21.821	17.365	1,031.3	20.71	87.28	63.0	91.3	59.3	19.64	2,038	66.8
54.00		0.2500	21.657	17.233	1,008.0	20.53	86.63	63.0	89.9	58.9	19.64	2,015	66.8
55.00		0.2500	21.494	17.101	985.1	20.36	85.97	63.0	88.5	58.4	19.64	1,992	66.8

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



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56.00		0.2500	21.330	16.969	962.5	20.18	85.32	63.0	87.2	58.0	19.64	1,969	66.8
57.00		0.2500	21.166	16.838	940.2	20.01	84.66	63.0	85.8	57.5	19.64	1,947	66.8
58.00		0.2500	21.002	16.706	918.3	19.83	84.01	63.0	84.5	57.1	19.64	1,924	66.8
59.00		0.2500	20.839	16.574	896.7	19.66	83.35	63.0	83.1	56.6	19.64	1,902	66.8
60.00		0.2500	20.675	16.442	875.5	19.48	82.70	63.0	81.8	56.2	19.64	1,879	66.8
61.00		0.2500	20.511	16.310	854.6	19.30	82.04	63.0	80.5	55.7	19.64	1,857	66.8
62.00		0.2500	20.347	16.178	834.1	19.13	81.39	63.0	79.2	55.3	19.64	1,835	66.8
62.92	Bot - Section 3	0.2500	20.197	16.058	815.5	18.97	80.79	63.0	78.0	50.3	19.64	1,815	61.2
63.00		0.2500	20.184	16.047	813.9	18.95	80.73	63.0	77.9	8.1	19.64	1,864	5.6
64.00		0.2500	20.020	15.915	794.0	18.78	80.08	63.0	76.6	96.1	19.64	1,842	66.8
65.00		0.2500	19.856	15.783	774.4	18.60	79.42	63.0	75.3	95.3	19.64	1,820	66.8
65.75	Top - Section 2	0.1875	20.108	12.027	609.2	26.06	107.24	61.4	58.5	70.9	19.64	1,803	50.1
66.00		0.1875	20.067	12.003	605.5	26.00	107.03	61.4	58.3	10.2	19.64	1,798	16.7
67.00		0.1875	19.904	11.904	590.6	25.76	106.15	61.6	57.3	40.7	19.64	1,776	66.8
68.00		0.1875	19.740	11.805	576.0	25.53	105.28	61.8	56.4	40.3	19.64	1,755	66.8
69.00		0.1875	19.576	11.706	561.7	25.30	104.41	61.9	55.4	40.0	19.64	1,733	66.8
70.00		0.1875	19.412	11.607	547.6	25.06	103.53	62.1	54.5	39.7	19.64	1,712	66.8
71.00		0.1875	19.249	11.508	533.7	24.83	102.66	62.3	53.6	39.3	19.64	1,691	66.8
72.00		0.1875	19.085	11.409	520.1	24.59	101.79	62.5	52.6	39.0	19.64	1,670	66.8
73.00		0.1875	18.921	11.310	506.7	24.36	100.91	62.6	51.7	38.7	19.64	1,649	66.8
74.00		0.1875	18.757	11.212	493.5	24.13	100.04	62.8	50.8	38.3	19.64	1,628	66.8
75.00		0.1875	18.594	11.113	480.5	23.89	99.17	63.0	49.9	38.0	19.64	1,608	66.8
76.00		0.1875	18.430	11.014	467.8	23.66	98.29	63.0	49.0	37.6	19.64	1,587	66.8
77.00		0.1875	18.266	10.915	455.3	23.42	97.42	63.0	48.2	37.3	19.64	1,567	66.8
77.50	Reinf. Top	0.1875	18.184	10.866	449.2	23.31	96.98	63.0	47.7	18.5	19.64	1,557	33.4
78.00		0.1875	18.102	10.816	443.1	23.19	96.55	63.0	47.3	18.4			
79.00		0.1875	17.939	10.717	431.0	22.96	95.67	63.0	46.4	36.6			
80.00		0.1875	17.775	10.618	419.2	22.72	94.80	63.0	45.6	36.3			
81.00		0.1875	17.611	10.520	407.6	22.49	93.93	63.0	44.7	36.0			
82.00		0.1875	17.447	10.421	396.2	22.25	93.05	63.0	43.9	35.6			
83.00		0.1875	17.284	10.322	385.1	22.02	92.18	63.0	43.0	35.3			
84.00		0.1875	17.120	10.223	374.1	21.79	91.31	63.0	42.2	35.0			
85.00		0.1875	16.956	10.124	363.4	21.55	90.43	63.0	41.4	34.6			
86.00		0.1875	16.792	10.025	352.8	21.32	89.56	63.0	40.6	34.3			
87.00		0.1875	16.629	9.926	342.5	21.08	88.69	63.0	39.8	33.9			
88.00		0.1875	16.465	9.827	332.4	20.85	87.81	63.0	39.0	33.6			
89.00		0.1875	16.301	9.729	322.4	20.62	86.94	63.0	38.2	33.3			
89.50		0.1875	16.219	9.679	317.5	20.50	86.50	63.0	37.8	16.5			
90.00		0.1875	16.137	9.630	312.7	20.38	86.07	63.0	37.4	16.4			
91.00		0.1875	15.974	9.531	303.2	20.15	85.19	63.0	36.7	32.6			
92.00		0.1875	15.810	9.432	293.8	19.91	84.32	63.0	35.9	32.3			
93.00		0.1875	15.646	9.333	284.7	19.68	83.45	63.0	35.2	31.9			
94.00		0.1875	15.482	9.234	275.7	19.45	82.57	63.0	34.4	31.6			
95.00		0.1875	15.319	9.135	267.0	19.21	81.70	63.0	33.7	31.3			
96.00		0.1875	15.155	9.037	258.4	18.98	80.83	63.0	32.9	30.9			
97.00		0.1875	14.991	8.938	250.0	18.74	79.95	63.0	32.2	30.6			
98.00		0.1875	14.827	8.839	241.8	18.51	79.08	63.0	31.5	30.2			
99.00		0.1875	14.664	8.740	233.8	18.28	78.21	63.0	30.8	29.9			
100.0	Top - Section 3	0.1875	14.500	8.641	225.9	18.04	77.33	63.0	30.1	29.6			
100.0	Bot - Section 4	0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8				
101.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
102.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
103.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
104.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
105.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
106.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
107.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
108.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
109.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			
110.0		0.3750	12.750	14.579	279.3	0.00	34.00	35.0	43.8	49.6			

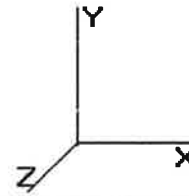
6,492.7

5,177.0

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AM
 Page : 5



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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

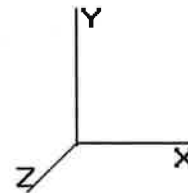
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		2.74	0.70	42.185	46.40	340.87	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		2.65	0.70	40.845	44.93	333.58	1.063	* 0.000	1.00	2.581	2.74	197.3	0.0	164.3
2.00		2.57	0.70	39.580	43.53	326.57	1.065	* 0.000	1.00	2.567	2.73	190.5	0.0	163.8
3.00		2.49	0.70	38.384	42.22	319.83	1.067	* 0.000	1.00	2.553	2.72	184.1	0.0	163.2
4.00		2.42	0.70	37.255	40.98	313.34	1.069	* 0.000	1.00	2.539	2.71	178.0	0.0	162.7
5.00		2.35	0.70	36.186	39.80	307.09	1.071	* 0.000	1.00	2.525	2.70	172.3	0.0	162.2
6.00		2.28	0.70	35.175	38.69	301.07	1.200	* 0.000	1.00	2.510	3.01	186.5	0.0	161.6
7.00		2.22	0.70	34.219	37.64	295.27	1.200	* 0.000	1.00	2.496	3.00	180.4	0.0	161.1
8.00		2.16	0.70	33.314	36.64	289.69	1.200	* 0.000	1.00	2.482	2.98	174.6	0.0	160.6
9.00		2.11	0.70	32.456	35.70	284.30	1.200	* 0.000	1.00	2.468	2.96	169.2	0.0	160.0
10.00		2.06	0.70	31.644	34.80	279.11	1.200	* 0.000	1.00	2.454	2.94	164.0	0.0	159.5
11.00		2.00	0.70	30.874	33.96	274.10	1.200	* 0.000	1.00	2.440	2.93	159.1	0.0	158.9
12.00		1.96	0.70	30.144	33.15	269.27	1.200	* 0.000	1.00	2.426	2.91	154.4	0.0	158.4
13.00		1.91	0.70	29.452	32.39	264.61	1.200	* 0.000	1.00	2.412	2.89	150.0	0.0	157.9
14.00		1.87	0.70	28.795	31.67	260.10	1.200	* 0.000	1.00	2.397	2.88	145.8	0.0	157.3
15.00		1.83	0.70	28.172	30.98	255.75	1.200	* 0.000	1.00	2.383	2.86	141.8	0.0	156.8
16.00		1.79	0.70	27.580	30.33	251.55	1.200	* 0.000	1.00	2.369	2.84	138.0	0.0	156.2
17.00		1.75	0.70	27.019	29.72	247.48	1.200	* 0.000	1.00	2.355	2.83	134.4	0.0	155.7
18.00		1.72	0.70	26.485	29.13	243.55	1.200	* 0.000	1.00	2.341	2.81	130.9	0.0	155.2
19.00		1.69	0.70	25.978	28.57	239.75	1.200	* 0.000	1.00	2.327	2.79	127.7	0.0	154.6
20.00		1.65	0.70	25.496	28.04	236.07	1.200	* 0.000	1.00	2.313	2.78	124.5	0.0	154.1
21.00		1.63	0.70	25.037	27.54	232.50	1.200	* 0.000	1.00	2.299	2.76	121.5	0.0	153.6
22.00		1.60	0.70	24.601	27.06	229.05	1.200	* 0.000	1.00	2.284	2.74	118.7	0.0	153.0
23.00		1.57	0.70	24.186	26.60	225.70	1.200	* 0.000	1.00	2.270	2.72	116.0	0.0	152.5
24.00		1.54	0.70	23.792	26.17	222.45	1.200	* 0.000	1.00	2.256	2.71	113.4	0.0	151.9
25.00		1.52	0.70	23.416	25.75	219.30	1.200	* 0.000	1.00	2.242	2.69	110.9	0.0	151.4
26.00		1.50	0.70	23.058	25.36	216.25	1.200	* 0.000	1.00	2.228	2.67	108.5	0.0	150.9
27.00		1.47	0.70	22.717	24.98	213.28	1.200	* 0.000	1.00	2.214	2.66	106.2	0.0	150.3
28.00		1.45	0.70	22.393	24.63	210.39	1.200	* 0.000	1.00	2.200	2.64	104.0	0.0	149.8
29.00		1.43	0.70	22.083	24.29	207.59	1.200	* 0.000	1.00	2.186	2.62	101.9	0.0	149.2
29.33	Bot - Section 2	1.43	0.70	21.985	24.18	206.68	1.200	* 0.000	0.33	0.718	0.86	33.3	0.0	49.1
30.00		1.41	0.70	21.807	23.98	204.95	1.200	* 0.000	0.67	1.482	1.78	68.3	0.0	155.5
31.00		1.40	0.70	21.728	23.90	203.24	1.200	* 0.000	1.00	2.200	2.64	101.0	0.0	231.2
32.00		1.38	0.71	21.653	23.81	201.56	1.200	* 0.000	1.00	2.186	2.62	100.0	0.0	230.1
32.83	Top - Section 1	1.36	0.71	21.594	23.75	200.17	1.200	* 0.000	0.83	1.804	2.16	82.3	0.0	190.2
33.00		1.36	0.72	21.582	23.74	203.95	1.200	* 0.000	0.17	0.368	0.44	16.8	0.0	25.3
34.00		1.35	0.72	21.514	23.66	202.30	1.200	* 0.000	1.00	2.158	2.59	98.1	0.0	148.2
35.00		1.33	0.73	21.449	23.59	200.67	1.200	* 0.000	1.00	2.144	2.57	97.1	0.0	147.7
36.00		1.32	0.73	21.389	23.52	199.07	1.200	* 0.000	1.00	2.130	2.56	96.2	0.0	147.1
37.00		1.30	0.74	21.331	23.46	197.48	1.200	* 0.000	1.00	2.116	2.54	95.3	0.0	146.6
38.00		1.29	0.75	21.278	23.40	195.91	1.200	* 0.000	1.00	2.102	2.52	94.4	0.0	146.0
39.00		1.28	0.75	21.228	23.35	194.36	1.200	* 0.000	1.00	2.087	2.50	93.6	0.0	145.5
40.00		1.26	0.76	21.182	23.30	192.83	1.200	* 0.000	1.00	2.073	2.49	92.8	0.0	145.0
41.00		1.25	0.76	21.139	23.25	191.32	1.200	* 0.000	1.00	2.059	2.47	91.9	0.0	144.4
42.00		1.24	0.77	21.099	23.20	189.82	1.200	* 0.000	1.00	2.045	2.45	91.1	0.0	143.9
43.00		1.23	0.77	21.063	23.17	188.34	1.200	* 0.000	1.00	2.031	2.44	90.3	0.0	143.4
44.00		1.22	0.78	21.031	23.13	186.88	1.200	* 0.000	1.00	2.017	2.42	89.6	0.0	142.8
45.00		1.21	0.78	21.001	23.10	185.44	1.200	* 0.000	1.00	2.003	2.40	88.8	0.0	142.3
46.00		1.20	0.79	20.974	23.07	184.01	1.200	* 0.000	1.00	1.989	2.39	88.1	0.0	141.7
47.00	Reinf. Top Reinf	1.19	0.79	20.951	23.04	182.59	1.200	* 0.000	1.00	1.974	2.37	87.4	0.0	141.2
48.00		1.19	0.80	20.930	23.02	181.19	1.200	* 0.000	1.00	1.960	2.35	86.7	0.0	140.7

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AM
 Page: 6



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

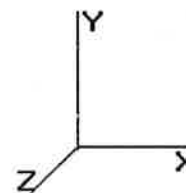
Dead Load Factor : 1.20

Wind Load Factor : 1.60

49.00		1.18	0.80	20.912	23.00	179.81	1.200	* 0.000	1.00	1.946	2.34	86.0	0.0	140.1
50.00		1.17	0.81	20.897	22.98	178.43	1.200	* 0.000	1.00	1.932	2.32	85.3	0.0	139.6
51.00		1.16	0.81	20.885	22.97	177.07	1.200	* 0.000	1.00	1.918	2.30	84.6	0.0	139.1
52.00		1.16	0.82	20.875	22.96	175.72	1.200	* 0.000	1.00	1.904	2.28	83.9	0.0	138.5
53.00		1.15	0.82	20.868	22.95	174.38	1.200	* 0.000	1.00	1.890	2.27	83.3	0.0	138.0
54.00		1.14	0.82	20.863	22.95	173.05	1.200	* 0.000	1.00	1.876	2.25	82.6	0.0	137.4
55.00		1.14	0.83	20.861	22.94	171.74	1.200	* 0.000	1.00	1.861	2.23	82.0	0.0	136.9
56.00		1.13	0.83	20.861	22.94	170.43	1.200	* 0.000	1.00	1.847	2.22	81.4	0.0	136.4
57.00		1.12	0.84	20.863	22.94	169.13	1.200	* 0.000	1.00	1.833	2.20	80.8	0.0	135.8
58.00		1.12	0.84	20.867	22.95	167.83	1.200	* 0.000	1.00	1.819	2.18	80.2	0.0	135.3
59.00		1.11	0.85	20.873	22.96	166.55	1.200	* 0.000	1.00	1.805	2.17	79.6	0.0	134.7
60.00		1.11	0.85	20.881	22.96	165.27	1.200	* 0.000	1.00	1.791	2.15	79.0	0.0	134.2
61.00		1.10	0.85	20.891	22.98	164.00	1.200	* 0.000	1.00	1.777	2.13	78.4	0.0	133.7
62.00		1.10	0.86	20.903	22.99	162.74	1.200	* 0.000	1.00	1.762	2.11	77.8	0.0	133.1
62.92	Bot - Section 3	1.10	0.86	20.915	23.00	161.59	1.200	* 0.000	0.92	1.603	1.92	70.8	0.0	121.5
63.00		1.10	0.86	20.916	23.00	161.48	1.200	* 0.000	0.08	0.148	0.18	6.5	0.0	15.2
64.00		1.09	0.87	20.932	23.02	160.23	1.200	* 0.000	1.00	1.767	2.12	78.1	0.0	182.1
65.00		1.09	0.87	20.948	23.04	158.98	1.200	* 0.000	1.00	1.752	2.10	77.5	0.0	181.1
65.75	Top - Section 2	1.08	0.87	20.962	23.05	158.05	1.200	* 0.000	0.75	1.305	1.57	57.8	0.0	135.2
66.00	Appertunance(s)	1.08	0.87	20.967	23.06	160.75	1.200	* 0.000	0.25	0.433	0.52	19.2	0.0	29.0
67.00		1.08	0.88	20.986	23.08	159.51	1.200	* 0.000	1.00	1.724	2.07	76.4	0.0	115.6
68.00		1.08	0.88	21.008	23.10	158.28	1.200	* 0.000	1.00	1.710	2.05	75.9	0.0	115.2
69.00		1.07	0.88	21.030	23.13	157.05	1.200	* 0.000	1.00	1.696	2.04	75.3	0.0	114.8
70.00	Appertunance(s)	1.07	0.89	21.054	23.15	155.82	1.200	* 0.000	1.00	1.682	2.02	74.8	0.0	114.4
71.00		1.07	0.89	21.079	23.18	154.60	1.200	* 0.000	1.00	1.668	2.00	74.2	0.0	114.0
72.00		1.06	0.90	21.105	23.21	153.38	1.200	* 0.000	1.00	1.654	1.98	73.7	0.0	113.6
73.00	Appertunance(s)	1.06	0.90	21.133	23.24	152.16	1.200	* 0.000	1.00	1.639	1.97	73.2	0.0	113.2
74.00		1.06	0.90	21.161	23.27	150.95	1.200	* 0.000	1.00	1.625	1.95	72.6	0.0	112.8
75.00		1.06	0.91	21.191	23.31	149.73	1.200	* 0.000	1.00	1.611	1.93	72.1	0.0	112.4
76.00		1.05	0.91	21.221	23.34	148.52	1.200	* 0.000	1.00	1.597	1.92	71.6	0.0	112.0
77.00		1.05	0.91	21.253	23.37	147.31	1.200	* 0.000	1.00	1.583	1.90	71.1	0.0	111.6
77.50	Reinf. Top	1.05	0.91	21.269	23.39	146.71	1.200	* 0.000	0.50	0.786	0.94	35.3	0.0	55.6
78.00		1.05	0.92	21.285	23.41	146.10	1.200	* 0.000	0.50	0.783	0.94	35.2	0.0	22.1
79.00		1.05	0.92	21.319	23.45	144.89	1.200	* 0.000	1.00	1.555	1.87	70.0	0.0	44.0
80.00	Appertunance(s)	1.04	0.92	21.353	23.48	143.69	1.200	* 0.000	1.00	1.541	1.85	69.5	0.0	43.6
81.00		1.04	0.93	21.388	23.52	142.48	1.200	* 0.000	1.00	1.526	1.83	68.9	0.0	43.2
82.00		1.04	0.93	21.423	23.56	141.27	1.200	* 0.000	1.00	1.512	1.81	68.4	0.0	42.8
83.00		1.04	0.93	21.459	23.60	140.06	1.200	* 0.000	1.00	1.498	1.80	67.9	0.0	42.3
84.00		1.04	0.94	21.496	23.64	138.86	1.200	* 0.000	1.00	1.484	1.78	67.4	0.0	41.9
85.00		1.04	0.94	21.534	23.68	137.65	1.200	* 0.000	1.00	1.470	1.76	66.9	0.0	41.5
86.00		1.03	0.94	21.572	23.73	136.44	1.200	* 0.000	1.00	1.456	1.75	66.3	0.0	41.1
87.00		1.03	0.95	21.611	23.77	135.23	1.200	* 0.000	1.00	1.442	1.73	65.8	0.0	40.7
88.00		1.03	0.95	21.651	23.81	134.02	1.200	* 0.000	1.00	1.428	1.71	65.3	0.0	40.3
89.00		1.03	0.95	21.690	23.85	132.81	1.200	* 0.000	1.00	1.413	1.70	64.7	0.0	39.9
89.50	Appertunance(s)	1.03	0.95	21.711	23.88	132.20	1.200	* 0.000	0.50	0.701	0.84	32.2	0.0	19.8
90.00		1.03	0.95	21.731	23.90	131.60	1.126	* 0.000	0.50	0.698	0.79	30.1	0.0	19.7
91.00		1.03	0.96	21.772	23.94	130.39	1.130	* 0.000	1.00	1.385	1.56	60.0	0.0	39.1
92.00		1.03	0.96	21.813	23.99	129.17	1.134	* 0.000	1.00	1.371	1.55	59.7	0.0	38.7
93.00		1.02	0.96	21.855	24.04	127.95	1.138	* 0.000	1.00	1.357	1.54	59.4	0.0	38.3
94.00		1.02	0.97	21.897	24.08	126.74	1.143	* 0.000	1.00	1.343	1.53	59.2	0.0	37.9
95.00		1.02	0.97	21.939	24.13	125.52	1.148	* 0.000	1.00	1.329	1.53	58.9	0.0	37.5
96.00	Appertunance(s)	1.02	0.97	21.982	24.18	124.30	1.153	* 0.000	1.00	1.315	1.52	58.6	0.0	37.1
97.00		1.02	0.98	22.025	24.22	123.07	1.158	* 0.000	1.00	1.300	1.51	58.4	0.0	36.7
98.00		1.02	0.98	22.068	24.27	121.85	1.163	* 0.000	1.00	1.286	1.50	58.1	0.0	36.3
99.00		1.02	0.98	22.112	24.32	120.62	1.168	* 0.000	1.00	1.272	1.49	57.8	0.0	35.9
100.0	Top - Section 3	1.02	0.98	22.156	24.37	119.39	1.173	* 0.000	1.00	1.258	1.48	57.5	0.0	35.5
101.0		1.02	0.99	22.200	24.42	101.51	0.756	* 0.000	1.00	1.063	0.80	31.4	0.0	59.5

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:21 AM
 Page: 7

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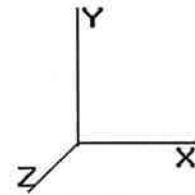
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

102.0	1.02	0.99	22.244	24.46	101.61	0.756	* 0.000	1.00	1.063	0.80	31.4	0.0	59.5	
103.0	1.01	0.99	22.289	24.51	101.71	0.756	* 0.000	1.00	1.063	0.80	31.5	0.0	59.5	
104.0	1.01	0.99	22.334	24.56	101.81	0.756	* 0.000	1.00	1.063	0.80	31.6	0.0	59.5	
105.0	1.01	1.00	22.379	24.61	101.92	0.756	* 0.000	1.00	1.063	0.80	31.6	0.0	59.5	
106.0	1.01	1.00	22.424	24.66	102.02	0.756	* 0.000	1.00	1.063	0.80	31.7	0.0	59.5	
107.0	1.01	1.00	22.469	24.71	102.12	0.756	* 0.000	1.00	1.063	0.80	31.8	0.0	59.5	
108.0	1.01	1.01	22.514	24.76	102.22	0.756	* 0.000	1.00	1.063	0.80	31.8	0.0	59.5	
109.0	1.01	1.01	22.560	24.81	102.33	0.756	* 0.000	1.00	1.063	0.80	31.9	0.0	59.5	
110.0	Appertunance(s)	1.01	1.01	22.605	24.86	102.43	0.756	* 0.000	1.00	1.063	0.80	32.0	0.0	59.5
* = Cf Adjusted By Linear Load Ra Effect								Totals:	110.00		10,031.3	0.0	12,968.2	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
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 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AM
 Page: 8



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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

31 Iterations

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

Wind Importance Factor : 1.00

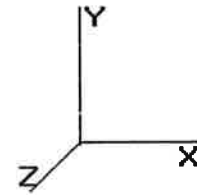
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
66.00	Scala 840 10212	1	21.008	23.108	1.00	1.00	2.17	0.000	2.000	80.23	0.00	160.47	8.04
70.00	2' Std. Dish	1	21.054	23.159	1.00	1.00	5.23	0.000	0.000	193.80	0.00	0.00	16.80
70.00	Radio/ODU	1	21.054	23.159	1.00	1.00	1.60	0.000	0.000	59.29	0.00	0.00	36.00
73.00	RFS APXV18-206517S-	3	21.191	23.310	0.80	0.80	9.93	0.000	2.000	370.22	0.00	740.43	95.04
73.00	Round Side Arm	3	21.133	23.246	0.67	1.00	10.45	0.000	0.000	388.75	0.00	0.00	540.00
80.00	Antel BXA-171063-12C	6	21.353	23.488	0.88	0.80	20.28	0.000	0.000	761.96	0.00	0.00	92.16
80.00	Antel BXA-70063-6CF-	6	21.353	23.488	0.77	0.80	27.98	0.000	0.000	1,051.46	0.00	0.00	122.40
80.00	RFS DB-T1-6Z-8AB-0Z	1	21.353	23.488	0.67	0.80	2.57	0.000	0.000	96.69	0.00	0.00	52.80
80.00	Alcatel-Lucent RRH2x	3	21.353	23.488	0.67	0.80	3.41	0.000	0.000	128.11	0.00	0.00	180.00
80.00	Alcatel-Lucent RRH2x	3	21.353	23.488	0.67	0.80	3.47	0.000	0.000	130.53	0.00	0.00	158.40
80.00	Flat T-Arm	3	21.353	23.488	0.67	0.75	19.45	0.000	0.000	730.82	0.00	0.00	900.00
89.50	CCI DTMA-1819-DD-12-	6	21.772	23.949	0.50	0.80	1.70	0.000	1.500	65.29	0.00	97.94	102.96
89.50	Flat Low Profile Pla	1	21.711	23.882	1.00	1.00	26.10	0.000	0.000	997.29	0.00	0.00	1,800.00
89.50	RFS APX16DWV-	3	21.772	23.949	0.66	0.80	9.63	0.000	1.500	369.03	0.00	553.54	142.56
89.50	RFS APXV18-206516S-	3	21.772	23.949	0.77	0.80	6.69	0.000	1.500	256.34	0.00	384.51	67.32
96.00	Scala 840 10212	1	22.068	24.275	0.73	1.00	1.58	0.000	2.000	61.53	0.00	123.05	8.04
96.00	TX RX Systems 421-86	1	21.982	24.180	0.67	1.00	1.49	0.000	0.000	57.54	0.00	0.00	18.00
100.0	Powerwave LGP21401	6	22.156	24.371	0.50	0.75	2.48	0.000	0.000	96.51	0.00	0.00	101.52
100.0	Powerwave TT19-	3	22.156	24.371	0.50	0.75	0.72	0.000	0.000	28.08	0.00	0.00	57.60
100.0	Flat Platform w/ Han	1	22.156	24.371	1.00	1.00	42.40	0.000	0.000	1,653.35	0.00	0.00	2,400.00
100.0	Ericsson RRUS 11 (Ba	6	22.244	24.469	0.67	0.75	7.60	0.000	2.000	297.45	0.00	594.91	396.00
100.0	Kathrein 860-10025	6	22.156	24.371	0.50	0.75	0.31	0.000	0.000	12.28	0.00	0.00	7.92
100.0	KMW AM-X-CD-16-65-	2	22.244	24.469	0.79	0.75	9.50	0.000	2.000	372.07	0.00	744.14	116.40
100.0	Raycap DC6-48-60-18-	1	22.244	24.469	1.00	0.75	0.83	0.000	2.000	32.59	0.00	65.18	38.16
100.0	Andrew SBNH-	1	22.244	24.469	0.84	0.75	7.21	0.000	2.000	282.41	0.00	564.82	72.96
100.0	Powerwave 7770.00	6	22.244	24.469	0.77	0.75	19.09	0.000	2.000	747.46	0.00	1,494.91	252.00
110.0	DragonWave Horizon	3	22.605	24.866	0.50	0.80	0.52	0.000	0.000	20.53	0.00	0.00	38.16
110.0	DragonWave A-ANT-	2	22.605	24.866	1.00	0.80	13.87	0.000	0.000	551.90	0.00	0.00	114.24
110.0	NextNet BTS-2500	3	22.605	24.866	0.50	0.80	2.18	0.000	0.000	86.89	0.00	0.00	126.00
110.0	Argus LLPX310R	3	22.605	24.866	0.73	0.80	7.52	0.000	0.000	299.03	0.00	0.00	102.96
110.0	Side Arms	1	22.605	24.866	1.00	1.00	8.50	0.000	0.000	338.18	0.00	0.00	672.00
110.0	DragonWave A-ANT-	1	22.605	24.866	1.00	0.80	1.29	0.000	0.000	51.24	0.00	0.00	18.00
										10,668.85			8,854.44

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
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 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AI
 Page: 9



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 1.20
Wind Load Factor : 1.60

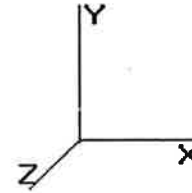
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	40.845	0.121	1.063	0.00	0.00
2.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	39.580	0.122	1.065	0.00	0.00
3.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	38.384	0.122	1.067	0.00	0.00
4.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	37.255	0.123	1.069	0.00	0.00
5.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	36.186	0.124	1.071	0.00	0.00
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.54
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.32
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.40
6.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	35.175	0.387	0.000	24.52	17.71
6.00	(4) #20 Dywidag	Yes	1.00	1.022	3.75	0.31	0.32	35.175	0.387	0.000	19.77	0.00
6.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	4.38
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	11.81
6.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	3.12
6.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.07
6.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.19
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.40
7.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.54
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.32
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.40
7.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	34.219	0.390	0.000	23.85	17.71
7.00	(4) #20 Dywidag	Yes	1.00	1.036	3.75	0.31	0.32	34.219	0.390	0.000	19.50	0.00
7.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	4.38
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	11.81
7.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	3.12
7.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.07
7.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.19
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.40
8.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.54
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.32
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.40
8.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	33.314	0.392	0.000	23.22	17.71
8.00	(4) #20 Dywidag	Yes	1.00	1.050	3.75	0.31	0.33	33.314	0.392	0.000	19.24	0.00
8.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	4.38
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	11.81
8.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	3.12
8.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.07
8.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.19
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.40
9.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.54
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.32
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.40
9.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	32.456	0.394	0.000	22.62	17.71
9.00	(4) #20 Dywidag	Yes	1.00	1.064	3.75	0.31	0.33	32.456	0.394	0.000	18.99	0.00
9.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	4.38
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	11.81
9.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	3.12
9.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.07
9.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.19
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.40
10.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.54
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.32

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:21 AM
 Page : 11



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

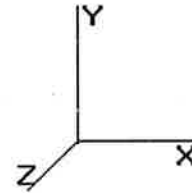
Wind Load Factor : 1.60

15.00	(4) #20 Dywidag	Yes	1.00	1.142	3.75	0.31	0.36	28.172	0.408	0.000	17.69	0.00
15.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	4.38
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	11.81
15.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	3.12
15.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.07
15.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.19
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.40
16.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.54
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.32
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.40
16.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	27.580	0.410	0.000	19.22	17.71
16.00	(4) #20 Dywidag	Yes	1.00	1.154	3.75	0.31	0.36	27.580	0.410	0.000	17.50	0.00
16.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	4.38
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	11.81
16.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	3.12
16.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.07
16.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.19
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.40
17.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.54
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.32
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.40
17.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	27.019	0.413	0.000	18.83	17.71
17.00	(4) #20 Dywidag	Yes	1.00	1.166	3.75	0.31	0.36	27.019	0.413	0.000	17.32	0.00
17.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	4.38
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	11.81
17.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	3.12
17.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.07
17.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.19
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.40
18.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.54
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.32
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.40
18.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	26.485	0.415	0.000	18.46	17.71
18.00	(4) #20 Dywidag	Yes	1.00	1.178	3.75	0.31	0.37	26.485	0.415	0.000	17.15	0.00
18.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	4.38
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	11.81
18.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	3.12
18.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.07
18.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.19
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.40
19.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.54
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.32
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.40
19.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	25.978	0.418	0.000	18.11	17.71
19.00	(4) #20 Dywidag	Yes	1.00	1.189	3.75	0.31	0.37	25.978	0.418	0.000	16.99	0.00
19.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	4.38
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	11.81
19.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	3.12
19.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.07
19.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.19
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.40
20.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.54
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.32
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.40
20.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	25.496	0.421	0.000	17.77	17.71
20.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	25.496	0.421	0.000	16.83	0.00
20.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	4.38

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM
 Page : 13



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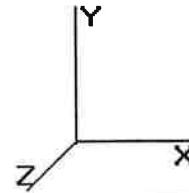
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

25.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.07
25.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.19
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.40
26.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.54
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.32
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.40
26.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	23.058	0.437	0.000	16.07	17.71
26.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	23.058	0.437	0.000	15.22	0.00
26.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	4.38
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	11.81
26.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	3.12
26.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.07
26.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.19
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.40
27.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.54
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.32
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.40
27.00	(18) 1 5/8" Coax	Yes	1.00	0.602	7.92	0.66	0.40	22.717	0.439	0.000	15.89	17.71
27.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	22.717	0.439	0.000	14.99	0.00
27.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	4.38
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	11.81
27.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	3.12
27.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.07
27.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.19
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.40
28.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.54
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.32
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.40
28.00	(18) 1 5/8" Coax	Yes	1.00	0.606	7.92	0.66	0.40	22.393	0.442	0.000	15.77	17.71
28.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	22.393	0.442	0.000	14.78	0.00
28.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	4.38
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	11.81
28.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	3.12
28.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.07
28.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.19
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.40
29.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.54
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.32
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.40
29.00	(18) 1 5/8" Coax	Yes	1.00	0.611	7.92	0.66	0.40	22.083	0.445	0.000	15.66	17.71
29.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	22.083	0.445	0.000	14.58	0.00
29.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	4.38
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	11.81
29.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	3.12
29.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.07
29.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.19
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.40
29.33	(3) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.18
29.33	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.11
29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.13
29.33	(18) 1 5/8" Coax	Yes	0.33	0.612	7.92	0.22	0.13	21.985	0.447	0.000	5.16	5.84
29.33	(4) #20 Dywidag	Yes	0.33	1.200	3.75	0.10	0.12	21.985	0.447	0.000	4.79	0.00
29.33	(1) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	1.44
29.33	(12) 1 5/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	3.90
29.33	(2) 1 5/8" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	1.03
29.33	(1) 1/4" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.02
29.33	(2) 3/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.06

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM
 Page: 14



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

Wind Load Factor : 1.60

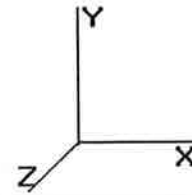
29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.13
30.00	(3) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.36
30.00	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.22
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.27
30.00	(18) 1 5/8" Coax	Yes	0.67	0.614	7.92	0.44	0.27	21.807	0.448	0.000	10.43	11.87
30.00	(4) #20 Dywidag	Yes	0.67	1.200	3.75	0.21	0.25	21.807	0.448	0.000	9.64	0.00
30.00	(1) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	2.94
30.00	(12) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	7.91
30.00	(2) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	2.09
30.00	(1) 1/4" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.05
30.00	(2) 3/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.13
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.27
31.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.54
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.32
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.40
31.00	(18) 1 5/8" Coax	Yes	1.00	0.616	7.92	0.66	0.41	21.728	0.451	0.000	15.54	17.71
31.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.728	0.451	0.000	14.34	0.00
31.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	4.38
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	11.81
31.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	3.12
31.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.07
31.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.19
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.40
32.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.54
32.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.32
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.40
32.00	(18) 1 5/8" Coax	Yes	1.00	0.617	7.92	0.66	0.41	21.653	0.454	0.000	15.51	17.71
32.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.653	0.454	0.000	14.29	0.00
32.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	4.38
32.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	11.81
32.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	3.12
32.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.07
32.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.19
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.40
32.83	(3) 1/2" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.45
32.83	(6) 5/16" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.27
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.33
32.83	(18) 1 5/8" Coax	Yes	0.83	0.617	7.92	0.55	0.34	21.594	0.457	0.000	12.85	14.70
32.83	(4) #20 Dywidag	Yes	0.83	1.200	3.75	0.26	0.31	21.594	0.457	0.000	11.83	0.00
32.83	(1) 2" Conduit	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	3.63
32.83	(12) 1 5/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	9.80
32.83	(2) 1 5/8" Hybriflex	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	2.59
32.83	(1) 1/4" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.06
32.83	(2) 3/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.16
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.33
33.00	(3) 1/2" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.09
33.00	(6) 5/16" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.06
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.07
33.00	(18) 1 5/8" Coax	Yes	0.17	0.618	7.92	0.11	0.07	21.582	0.449	0.000	2.63	3.01
33.00	(4) #20 Dywidag	Yes	0.17	1.200	3.75	0.05	0.06	21.582	0.449	0.000	2.42	0.00
33.00	(1) 2" Conduit	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.75
33.00	(12) 1 5/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	2.01
33.00	(2) 1 5/8" Hybriflex	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.53
33.00	(1) 1/4" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.01
33.00	(2) 3/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.03
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.07
34.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.54

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM

Page: 16



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Load Case: 1.2D + 1.6W

95.00 mph with No Ice

31 Iterations

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

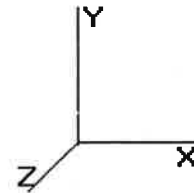
Wind Importance Factor : 1.00

39.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.228	0.466	0.000	15.36	17.71
39.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.228	0.466	0.000	14.01	0.00
39.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	4.38
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	11.81
39.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	3.12
39.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.07
39.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.19
39.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.40
40.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.54
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.32
40.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.40
40.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.182	0.469	0.000	15.34	17.71
40.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.182	0.469	0.000	13.98	0.00
40.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	4.38
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	11.81
40.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	3.12
40.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.07
40.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.19
40.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.40
41.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.54
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.32
41.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.40
41.00	(18) 1 5/8" Coax	Yes	1.00	0.624	7.92	0.66	0.41	21.139	0.472	0.000	15.32	17.71
41.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.139	0.472	0.000	13.95	0.00
41.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	4.38
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	11.81
41.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	3.12
41.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.07
41.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.19
41.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.40
42.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.54
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.32
42.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.40
42.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.099	0.476	0.000	15.31	17.71
42.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.099	0.476	0.000	13.93	0.00
42.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	4.38
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	11.81
42.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	3.12
42.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.07
42.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.19
42.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.40
43.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.54
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.32
43.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.40
43.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.063	0.479	0.000	15.30	17.71
43.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.063	0.479	0.000	13.90	0.00
43.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	4.38
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	11.81
43.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	3.12
43.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.07
43.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.19
43.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.40
44.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.54
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.32
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.40
44.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.031	0.482	0.000	15.28	17.71
44.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.031	0.482	0.000	13.88	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM
 Page: 17



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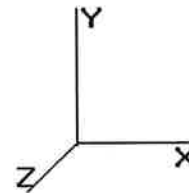
Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

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

44.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	4.38
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	11.81
44.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	3.12
44.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.07
44.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.19
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.40
45.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.54
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.32
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.40
45.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.001	0.486	0.000	15.27	17.71
45.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.001	0.486	0.000	13.86	0.00
45.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	4.38
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	11.81
45.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	3.12
45.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.07
45.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.19
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.40
46.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.54
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.32
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.40
46.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.974	0.489	0.000	15.26	17.71
46.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.974	0.489	0.000	13.84	0.00
46.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	4.38
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	11.81
46.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	3.12
46.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.07
46.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.19
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.40
47.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.54
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.32
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.40
47.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.951	0.493	0.000	15.26	17.71
47.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.951	0.493	0.000	13.83	0.00
47.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	4.38
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	11.81
47.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	3.12
47.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.07
47.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.19
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.40
48.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.54
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.32
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.40
48.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.930	0.496	0.000	15.25	17.71
48.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.930	0.496	0.000	13.81	0.00
48.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	4.38
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	11.81
48.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	3.12
48.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.07
48.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.19
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.40
49.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.54
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.32
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.40
49.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.912	0.500	0.000	15.24	17.71
49.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.912	0.500	0.000	13.80	0.00
49.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	4.38
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	11.81

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:22 AM
 Page: 18

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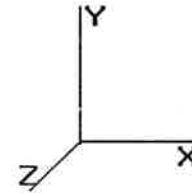
Load Case: 1.2D + 1.6W **95.00 mph with No Ice** **31 Iterations**
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

49.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	3.12
49.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.07
49.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.19
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.40
50.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.54
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.32
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.40
50.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.897	0.503	0.000	15.24	17.71
50.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.897	0.503	0.000	13.79	0.00
50.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	4.38
50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	11.81
50.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	3.12
50.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.07
50.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.19
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.40
51.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.54
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.32
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.40
51.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.885	0.507	0.000	15.23	17.71
51.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.885	0.507	0.000	13.78	0.00
51.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	4.38
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	11.81
51.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	3.12
51.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.07
51.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.19
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.40
52.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.54
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.32
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.40
52.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.875	0.511	0.000	15.23	17.71
52.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.875	0.511	0.000	13.78	0.00
52.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	4.38
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	11.81
52.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	3.12
52.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.07
52.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.19
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.40
53.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.54
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.32
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.40
53.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.868	0.515	0.000	15.23	17.71
53.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.868	0.515	0.000	13.77	0.00
53.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	4.38
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	11.81
53.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	3.12
53.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.07
53.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.19
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.40
54.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.54
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.32
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.40
54.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.863	0.519	0.000	15.22	17.71
54.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.863	0.519	0.000	13.77	0.00
54.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	4.38
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	11.81
54.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	3.12
54.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.07

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM
 Page : 19



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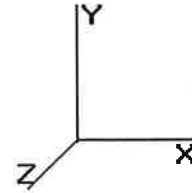
Load Case: 1.2D + 1.6W **95.00 mph with No Ice** **31 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 1.20
Wind Load Factor : 1.60

54.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.19
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.40
55.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.54
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.32
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.40
55.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.861	0.522	0.000	15.22	17.71	
55.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.861	0.522	0.000	13.77	0.00	
55.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	4.38	
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	11.81	
55.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	3.12	
55.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.07	
55.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.19	
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.40	
56.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.54	
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.32	
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.40	
56.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.861	0.526	0.000	15.22	17.71	
56.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.861	0.526	0.000	13.77	0.00	
56.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	4.38	
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	11.81	
56.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	3.12	
56.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.07	
56.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.19	
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.40	
57.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.54	
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.32	
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.40	
57.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.863	0.531	0.000	15.22	17.71	
57.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.863	0.531	0.000	13.77	0.00	
57.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	4.38	
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	11.81	
57.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	3.12	
57.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.07	
57.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.19	
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.40	
58.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.54	
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.32	
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.40	
58.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.867	0.535	0.000	15.22	17.71	
58.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.867	0.535	0.000	13.77	0.00	
58.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	4.38	
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	11.81	
58.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	3.12	
58.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.07	
58.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.19	
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.40	
59.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.54	
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.32	
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.40	
59.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.873	0.539	0.000	15.23	17.71	
59.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.873	0.539	0.000	13.78	0.00	
59.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	4.38	
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	11.81	
59.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	3.12	
59.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.07	
59.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.19	
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.40	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM
 Page: 20



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

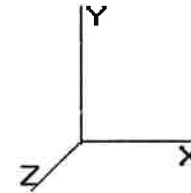
Wind Load Factor : 1.60

60.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.54
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.32
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.40
60.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	0.20881	0.543	0.000	15.23	17.71	
60.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.881	0.543	0.000	13.78	0.00	
60.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	4.38	
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	11.81	
60.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	3.12	
60.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.07	
60.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.19	
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.40	
61.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.54	
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.32	
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.40	
61.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.891	0.547	0.000	15.23	17.71	
61.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.891	0.547	0.000	13.79	0.00	
61.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	4.38	
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	11.81	
61.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	3.12	
61.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.07	
61.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.19	
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.40	
62.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.54	
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.32	
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.40	
62.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.903	0.552	0.000	15.24	17.71	
62.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.903	0.552	0.000	13.80	0.00	
62.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	4.38	
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	11.81	
62.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	3.12	
62.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.07	
62.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.19	
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.40	
62.92	(3) 1/2" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.49	
62.92	(6) 5/16" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.30	
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.36	
62.92	(18) 1 5/8" Coax	Yes	0.92	0.627	7.92	0.60	0.38	20.915	0.556	0.000	13.97	16.23	
62.92	(4) #20 Dywidag	Yes	0.92	1.200	3.75	0.29	0.34	20.915	0.556	0.000	12.65	0.00	
62.92	(1) 2" Conduit	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	4.01	
62.92	(12) 1 5/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	10.82	
62.92	(2) 1 5/8" Hybriflex	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	2.86	
62.92	(1) 1/4" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.07	
62.92	(2) 3/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.18	
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.36	
63.00	(3) 1/2" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.05	
63.00	(6) 5/16" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.03	
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.03	
63.00	(18) 1 5/8" Coax	Yes	0.08	0.627	7.92	0.06	0.03	20.916	0.558	0.000	1.27	1.48	
63.00	(4) #20 Dywidag	Yes	0.08	1.200	3.75	0.03	0.03	20.916	0.558	0.000	1.15	0.00	
63.00	(1) 2" Conduit	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.37	
63.00	(12) 1 5/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.99	
63.00	(2) 1 5/8" Hybriflex	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.26	
63.00	(1) 1/4" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.01	
63.00	(2) 3/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.02	
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.03	
64.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.54	
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.32	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AI
 Page : 21



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

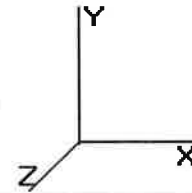
64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.40
64.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.932	0.561	0.000	15.25	17.71
64.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.932	0.561	0.000	13.81	0.00
64.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	4.38
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	11.81
64.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	3.12
64.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.07
64.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.19
64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.40
65.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.54
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.32
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.40
65.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.948	0.565	0.000	15.25	17.71
65.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.948	0.565	0.000	13.83	0.00
65.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	4.38
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	11.81
65.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	3.12
65.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.07
65.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.19
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.40
65.75	(3) 1/2" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.40
65.75	(6) 5/16" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.24
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.30
65.75	(18) 1 5/8" Coax	Yes	0.75	0.627	7.92	0.49	0.31	20.962	0.569	0.000	11.44	13.28
65.75	(4) #20 Dywidag	Yes	0.75	1.200	3.75	0.23	0.28	20.962	0.569	0.000	10.37	0.00
65.75	(1) 2" Conduit	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	3.28
65.75	(12) 1 5/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	8.85
65.75	(2) 1 5/8" Hybriflex	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	2.34
65.75	(1) 1/4" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.05
65.75	(2) 3/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.14
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.30
66.00	(3) 1/2" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.14
66.00	(6) 5/16" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.08
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.10
66.00	(18) 1 5/8" Coax	Yes	0.25	0.627	7.92	0.17	0.10	20.967	0.561	0.000	3.82	4.43
66.00	(4) #20 Dywidag	Yes	0.25	1.200	3.75	0.08	0.09	20.967	0.561	0.000	3.46	0.00
66.00	(1) 2" Conduit	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	1.10
66.00	(12) 1 5/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	2.95
66.00	(2) 1 5/8" Hybriflex	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.78
66.00	(1) 1/4" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.02
66.00	(2) 3/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.05
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.10
67.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.54
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.32
67.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.40
67.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	20.986	0.564	0.000	15.27	17.71
67.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.986	0.564	0.000	13.85	0.00
67.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	4.38
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	11.81
67.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	3.12
67.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.07
67.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.19
68.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.54
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.32
68.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.40
68.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.008	0.569	0.000	15.28	17.71
68.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.008	0.569	0.000	13.87	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:22 AM

Page: 22



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.20

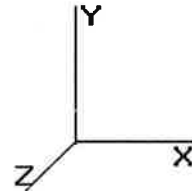
Wind Load Factor : 1.60

68.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	4.38
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	11.81
68.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	3.12
68.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.07
68.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.19
69.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.54
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.32
69.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.40
69.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.030	0.573	0.000	15.28	17.71
69.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.030	0.573	0.000	13.88	0.00
69.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	4.38
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	11.81
69.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	3.12
69.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.07
69.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.19
70.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.54
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.32
70.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.40
70.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.054	0.578	0.000	15.29	17.71
70.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.054	0.578	0.000	13.90	0.00
70.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	4.38
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	11.81
70.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	3.12
70.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.07
70.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.19
71.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	0.54
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	0.32
71.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	0.40
71.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.079	0.583	0.000	15.30	17.71
71.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.079	0.583	0.000	13.91	0.00
71.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	4.38
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	11.81
71.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	3.12
72.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	0.54
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	0.32
72.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	0.40
72.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.105	0.588	0.000	15.31	17.71
72.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.105	0.588	0.000	13.93	0.00
72.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	4.38
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	11.81
72.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	3.12
73.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	0.54
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	0.32
73.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	0.40
73.00	(18) 1 5/8" Coax	Yes	1.00	0.624	7.92	0.66	0.41	21.133	0.593	0.000	15.32	17.71
73.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.133	0.593	0.000	13.95	0.00
73.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	4.38
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	11.81
73.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	3.12
74.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	0.54
74.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	0.32
74.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	0.40
74.00	(18) 1 5/8" Coax	Yes	1.00	0.624	7.92	0.66	0.41	21.161	0.598	0.000	15.33	17.71
74.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.161	0.598	0.000	13.97	0.00
74.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	4.38
74.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	11.81
74.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	3.12

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page: 23



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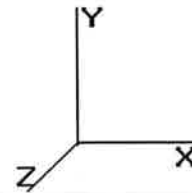
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

75.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.191	0.604	0.000	0.00	0.54
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.191	0.604	0.000	0.00	0.32
75.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.191	0.604	0.000	0.00	0.40
75.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.191	0.604	0.000	15.34	17.71	
75.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.191	0.604	0.000	13.99	0.00	
75.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	4.38	
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	11.81	
75.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	3.12	
76.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	0.54	
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	0.32	
76.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	0.40	
76.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.221	0.609	0.000	15.35	17.71	
76.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.221	0.609	0.000	14.01	0.00	
76.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	4.38	
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	11.81	
76.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	3.12	
77.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	0.54	
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	0.32	
77.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	0.40	
77.00	(18) 1 5/8" Coax	Yes	1.00	0.622	7.92	0.66	0.41	21.253	0.614	0.000	15.37	17.71	
77.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.253	0.614	0.000	14.03	0.00	
77.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	4.38	
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	11.81	
77.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	3.12	
77.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	0.27	
77.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	0.16	
77.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	0.20	
77.50	(18) 1 5/8" Coax	Yes	0.50	0.622	7.92	0.33	0.21	21.269	0.619	0.000	7.69	8.85	
77.50	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.16	0.19	21.269	0.619	0.000	7.02	0.00	
77.50	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	2.19	
77.50	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	5.90	
77.50	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	1.56	
78.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	0.27	
78.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	0.16	
78.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	0.20	
78.00	(18) 1 5/8" Coax	Yes	0.50	0.622	7.92	0.33	0.21	21.285	0.621	0.000	7.69	8.85	
78.00	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.16	0.19	21.285	0.621	0.000	7.02	0.00	
78.00	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	2.19	
78.00	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	5.90	
78.00	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	1.56	
79.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	0.54	
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	0.32	
79.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	0.40	
79.00	(18) 1 5/8" Coax	Yes	1.00	0.621	7.92	0.66	0.41	21.319	0.626	0.000	15.39	17.71	
79.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.319	0.626	0.000	14.07	0.00	
79.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	4.38	
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	11.81	
79.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	3.12	
80.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	0.54	
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	0.32	
80.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	0.40	
80.00	(18) 1 5/8" Coax	Yes	1.00	0.621	7.92	0.66	0.41	21.353	0.631	0.000	15.40	17.71	
80.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.353	0.631	0.000	14.09	0.00	
80.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	4.38	
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	11.81	
80.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	3.12	
81.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.388	0.637	0.000	0.00	0.54	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AI
 Page: 24



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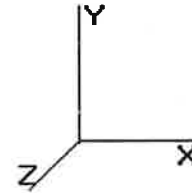
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor: 1.10		Wind Importance Factor: 1.00
Dead Load Factor: 1.20		
Wind Load Factor: 1.60		

81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.388	0.637	0.000	0.00	0.32
81.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.388	0.637	0.000	0.00	0.40
81.00	(18) 1 5/8" Coax	Yes	1.00	0.620	7.92	0.66	0.41	21.388	0.637	0.000	15.41	17.71	
81.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.388	0.637	0.000	14.12	0.00	
81.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.388	0.637	0.000	0.00	4.38	
82.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.423	0.568	0.000	0.00	0.54	
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.423	0.568	0.000	0.00	0.32	
82.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.423	0.568	0.000	8.97	4.38	
82.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.423	0.568	0.000	0.00	0.40	
82.00	(18) 1 5/8" Coax	Yes	1.00	0.620	7.92	0.66	0.41	21.423	0.568	0.000	15.43	17.71	
83.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.459	0.573	0.000	0.00	0.54	
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.459	0.573	0.000	0.00	0.32	
83.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.459	0.573	0.000	8.99	4.38	
83.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.459	0.573	0.000	0.00	0.40	
83.00	(18) 1 5/8" Coax	Yes	1.00	0.619	7.92	0.66	0.41	21.459	0.573	0.000	15.44	17.71	
84.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.496	0.578	0.000	0.00	0.54	
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.496	0.578	0.000	0.00	0.32	
84.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.496	0.578	0.000	9.00	4.38	
84.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.496	0.578	0.000	0.00	0.40	
84.00	(18) 1 5/8" Coax	Yes	1.00	0.619	7.92	0.66	0.41	21.496	0.578	0.000	15.45	17.71	
85.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.534	0.584	0.000	0.00	0.54	
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.534	0.584	0.000	0.00	0.32	
85.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.534	0.584	0.000	9.02	4.38	
85.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.534	0.584	0.000	0.00	0.40	
85.00	(18) 1 5/8" Coax	Yes	1.00	0.618	7.92	0.66	0.41	21.534	0.584	0.000	15.47	17.71	
86.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.572	0.590	0.000	0.00	0.54	
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.572	0.590	0.000	0.00	0.32	
86.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.572	0.590	0.000	9.04	4.38	
86.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.572	0.590	0.000	0.00	0.40	
86.00	(18) 1 5/8" Coax	Yes	1.00	0.618	7.92	0.66	0.41	21.572	0.590	0.000	15.48	17.71	
87.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.611	0.595	0.000	0.00	0.54	
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.611	0.595	0.000	0.00	0.32	
87.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.611	0.595	0.000	9.05	4.38	
87.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.611	0.595	0.000	0.00	0.40	
87.00	(18) 1 5/8" Coax	Yes	1.00	0.617	7.92	0.66	0.41	21.611	0.595	0.000	15.49	17.71	
88.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.651	0.601	0.000	0.00	0.54	
88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.651	0.601	0.000	0.00	0.32	
88.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.651	0.601	0.000	9.07	4.38	
88.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.651	0.601	0.000	0.00	0.40	
88.00	(18) 1 5/8" Coax	Yes	1.00	0.617	7.92	0.66	0.41	21.651	0.601	0.000	15.51	17.71	
89.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.690	0.607	0.000	0.00	0.54	
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.690	0.607	0.000	0.00	0.32	
89.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.690	0.607	0.000	9.09	4.38	
89.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.690	0.607	0.000	0.00	0.40	
89.00	(18) 1 5/8" Coax	Yes	1.00	0.616	7.92	0.66	0.41	21.690	0.607	0.000	15.52	17.71	
89.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.711	0.612	0.000	0.00	0.27	
89.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.711	0.612	0.000	0.00	0.16	
89.50	(1) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	21.711	0.612	0.000	4.55	2.19	
89.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.711	0.612	0.000	0.00	0.20	
89.50	(18) 1 5/8" Coax	Yes	0.50	0.616	7.92	0.33	0.20	21.711	0.612	0.000	7.76	8.85	
90.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.731	0.142	1.126	0.00	0.27	
90.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.731	0.142	1.126	0.00	0.16	
90.00	(1) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	21.731	0.142	1.126	0.00	2.19	
90.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.731	0.142	1.126	0.00	0.20	
91.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.772	0.143	1.130	0.00	0.54	
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.772	0.143	1.130	0.00	0.32	
91.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.772	0.143	1.130	0.00	4.38	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page : 25



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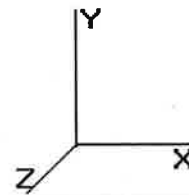
Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

91.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.772	0.143	1.130	0.00	0.40
92.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.813	0.145	1.134	0.00	0.54
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.813	0.145	1.134	0.00	0.32
92.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.813	0.145	1.134	0.00	4.38
92.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.813	0.145	1.134	0.00	0.40
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.855	0.146	1.138	0.00	0.54
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.855	0.146	1.138	0.00	0.32
93.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.855	0.146	1.138	0.00	4.38
93.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.855	0.146	1.138	0.00	0.40
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.897	0.148	1.143	0.00	0.54
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.897	0.148	1.143	0.00	0.32
94.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.897	0.148	1.143	0.00	4.38
94.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.897	0.148	1.143	0.00	0.40
95.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.939	0.149	1.148	0.00	0.54
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.939	0.149	1.148	0.00	0.32
95.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.939	0.149	1.148	0.00	4.38
95.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.939	0.149	1.148	0.00	0.40
96.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.982	0.151	1.153	0.00	0.54
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.982	0.151	1.153	0.00	0.32
96.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.982	0.151	1.153	0.00	4.38
96.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.982	0.151	1.153	0.00	0.40
97.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.025	0.153	1.158	0.00	0.54
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.025	0.153	1.158	0.00	0.32
97.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.025	0.153	1.158	0.00	4.38
98.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.068	0.154	1.163	0.00	0.54
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.068	0.154	1.163	0.00	0.32
98.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.068	0.154	1.163	0.00	4.38
99.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.112	0.156	1.168	0.00	0.54
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.112	0.156	1.168	0.00	0.32
99.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.112	0.156	1.168	0.00	4.38
100.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.156	0.158	1.173	0.00	0.54
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.156	0.158	1.173	0.00	0.32
100.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.156	0.158	1.173	0.00	4.38
101.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.200	0.187	1.260	0.00	0.54
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.200	0.187	1.260	0.00	0.32
101.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.200	0.187	1.260	0.00	4.38
102.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.244	0.187	1.260	0.00	0.54
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.244	0.187	1.260	0.00	0.32
102.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.244	0.187	1.260	0.00	4.38
103.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.289	0.187	1.260	0.00	0.54
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.289	0.187	1.260	0.00	0.32
103.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.289	0.187	1.260	0.00	4.38
104.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.334	0.187	1.260	0.00	0.54
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.334	0.187	1.260	0.00	0.32
104.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.334	0.187	1.260	0.00	4.38
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.379	0.187	1.260	0.00	0.54
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.379	0.187	1.260	0.00	0.32
105.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.379	0.187	1.260	0.00	4.38
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.424	0.187	1.260	0.00	0.54
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.424	0.187	1.260	0.00	0.32
106.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.424	0.187	1.260	0.00	4.38
107.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.469	0.187	1.260	0.00	0.54
107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.469	0.187	1.260	0.00	0.32
107.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.469	0.187	1.260	0.00	4.38
108.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.514	0.187	1.260	0.00	0.54
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.514	0.187	1.260	0.00	0.32
108.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.514	0.187	1.260	0.00	4.38

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page: 26



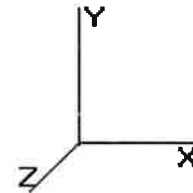
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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

109.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.560	0.187	1.260	0.00	0.54
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.560	0.187	1.260	0.00	0.32
109.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.560	0.187	1.260	0.00	4.38
110.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.605	0.187	1.260	0.00	0.54
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.605	0.187	1.260	0.00	0.32
110.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.605	0.187	1.260	0.00	4.38
Totals:											2,600.52	3,244.05

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:23 AM
 Page : 27

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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

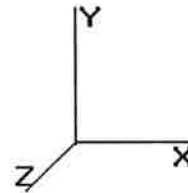
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	197.28	164.32	0.00	0.00
2.00	190.48	163.78	0.00	0.00
3.00	184.06	163.24	0.00	0.00
4.00	177.99	162.71	0.00	0.00
5.00	172.26	162.17	0.00	0.00
6.00	230.79	222.97	0.00	0.00
7.00	223.76	222.43	0.00	0.00
8.00	217.10	221.89	0.00	0.00
9.00	210.79	221.36	0.00	0.00
10.00	204.81	220.82	0.00	0.00
11.00	199.13	220.28	0.00	0.00
12.00	193.74	219.74	0.00	0.00
13.00	188.62	219.20	0.00	0.00
14.00	183.76	218.66	0.00	0.00
15.00	179.13	218.13	0.00	0.00
16.00	174.73	217.59	0.00	0.00
17.00	170.54	217.05	0.00	0.00
18.00	166.56	216.51	0.00	0.00
19.00	162.75	215.97	0.00	0.00
20.00	159.13	215.43	0.00	0.00
21.00	155.52	214.90	0.00	0.00
22.00	152.08	214.36	0.00	0.00
23.00	148.79	213.82	0.00	0.00
24.00	145.65	213.28	0.00	0.00
25.00	142.65	212.74	0.00	0.00
26.00	139.79	212.21	0.00	0.00
27.00	137.10	211.67	0.00	0.00
28.00	134.58	211.13	0.00	0.00
29.00	132.17	210.59	0.00	0.00
29.33	43.28	69.35	0.00	0.00
30.00	88.35	196.63	0.00	0.00
31.00	130.86	292.53	0.00	0.00
32.00	129.78	291.45	0.00	0.00
32.83	106.94	241.06	0.00	0.00
33.00	21.85	35.70	0.00	0.00
34.00	127.71	209.54	0.00	0.00
35.00	126.71	209.00	0.00	0.00
36.00	125.74	208.47	0.00	0.00
37.00	124.79	207.93	0.00	0.00
38.00	123.86	207.39	0.00	0.00
39.00	122.95	206.85	0.00	0.00
40.00	122.07	206.31	0.00	0.00
41.00	121.21	205.77	0.00	0.00
42.00	120.37	205.24	0.00	0.00
43.00	119.55	204.70	0.00	0.00
44.00	118.74	204.16	0.00	0.00
45.00	117.96	203.62	0.00	0.00
46.00	117.19	203.08	0.00	0.00
47.00	116.45	202.55	0.00	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page: 28



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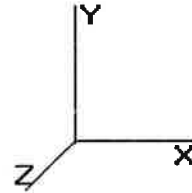
Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

48.00	115.72	202.01	0.00	0.00
49.00	115.00	201.47	0.00	0.00
50.00	114.30	200.93	0.00	0.00
51.00	113.61	200.39	0.00	0.00
52.00	112.94	199.85	0.00	0.00
53.00	112.28	199.32	0.00	0.00
54.00	111.64	198.78	0.00	0.00
55.00	111.00	198.24	0.00	0.00
56.00	110.38	197.70	0.00	0.00
57.00	109.77	197.16	0.00	0.00
58.00	109.16	196.62	0.00	0.00
59.00	108.57	196.09	0.00	0.00
60.00	107.99	195.55	0.00	0.00
61.00	107.41	195.01	0.00	0.00
62.00	106.84	194.47	0.00	0.00
62.92	97.43	177.77	0.00	0.00
63.00	8.96	20.35	0.00	0.00
64.00	107.16	243.41	0.00	0.00
65.00	106.62	242.47	0.00	0.00
65.75	79.59	181.21	0.00	0.00
66.00	106.70	52.36	0.00	160.47
67.00	105.54	176.55	0.00	0.00
68.00	105.01	176.15	0.00	0.00
69.00	104.49	175.75	0.00	0.00
70.00	357.06	228.14	0.00	0.00
71.00	103.46	174.67	0.00	0.00
72.00	102.95	174.27	0.00	0.00
73.00	861.41	808.91	0.00	740.43
74.00	101.94	173.46	0.00	0.00
75.00	101.44	173.06	0.00	0.00
76.00	100.94	172.66	0.00	0.00
77.00	100.44	172.25	0.00	0.00
77.50	50.02	85.97	0.00	0.00
78.00	49.90	52.47	0.00	0.00
79.00	99.46	104.64	0.00	0.00
80.00	2,998.54	1,610.00	0.00	0.00
81.00	98.48	88.91	0.00	0.00
82.00	92.83	88.51	0.00	0.00
83.00	92.33	88.10	0.00	0.00
84.00	91.83	87.70	0.00	0.00
85.00	91.34	87.29	0.00	0.00
86.00	90.84	86.89	0.00	0.00
87.00	90.35	86.49	0.00	0.00
88.00	89.85	86.08	0.00	0.00
89.00	89.36	85.68	0.00	0.00
89.50	1,732.43	2,155.53	0.00	1,035.99
90.00	30.06	33.73	0.00	0.00
91.00	59.95	67.16	0.00	0.00
92.00	59.69	66.76	0.00	0.00
93.00	59.42	66.35	0.00	0.00
94.00	59.15	65.95	0.00	0.00
95.00	58.89	65.55	0.00	0.00
96.00	177.69	91.18	0.00	123.05
97.00	58.35	64.34	0.00	0.00
98.00	58.08	63.94	0.00	0.00
99.00	57.81	63.54	0.00	0.00
100.0	3,579.73	3,505.69	0.00	3,463.96

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page: 29



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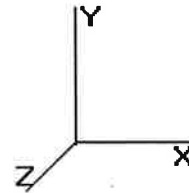
Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20
 Wind Load Factor : 1.60

101.0	31.39	64.78	0.00	0.00
102.0	31.45	64.77	0.00	0.00
103.0	31.51	64.77	0.00	0.00
104.0	31.57	64.77	0.00	0.00
105.0	31.64	64.77	0.00	0.00
106.0	31.70	64.77	0.00	0.00
107.0	31.76	64.77	0.00	0.00
108.0	31.83	64.77	0.00	0.00
109.0	31.89	64.77	0.00	0.00
110.0	1,379.73	1,136.13	0.00	0.00
Totals:	23,300.71	27,194.90	0.00	5,523.90

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
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Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page: 30



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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations

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

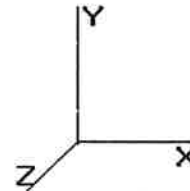
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-27.18	-23.32	0.00	-1,596.76	0.00	1,596.76	1,564.13	782.07	1,919.99	948.21	0.00	0.00	0.762
1.00	-26.98	-23.16	0.00	-1,573.44	0.00	1,573.44	1,559.62	779.81	1,903.83	940.23	0.01	-0.07	0.754
2.00	-26.79	-23.00	0.00	-1,550.28	0.00	1,550.28	1,555.07	777.54	1,887.68	932.25	0.03	-0.15	0.746
3.00	-26.60	-22.85	0.00	-1,527.28	0.00	1,527.28	1,550.48	775.24	1,871.54	924.28	0.07	-0.22	0.738
4.00	-26.41	-22.71	0.00	-1,504.43	0.00	1,504.43	1,545.83	772.92	1,855.40	916.31	0.13	-0.30	0.730
5.00	-26.22	-22.57	0.00	-1,481.73	0.00	1,481.73	1,541.15	770.57	1,839.28	908.35	0.20	-0.37	0.722
6.00	-25.97	-22.37	0.00	-1,459.16	0.00	1,459.16	1,536.41	768.21	1,823.16	900.39	0.28	-0.44	0.714
7.00	-25.72	-22.17	0.00	-1,436.79	0.00	1,436.79	1,531.63	765.82	1,807.05	892.44	0.39	-0.52	0.706
8.00	-25.47	-21.99	0.00	-1,414.62	0.00	1,414.62	1,526.81	763.40	1,790.96	884.49	0.50	-0.59	0.699
9.00	-25.22	-21.81	0.00	-1,392.63	0.00	1,392.63	1,521.94	760.97	1,774.88	876.55	0.63	-0.66	0.691
10.00	-24.98	-21.63	0.00	-1,370.83	0.00	1,370.83	1,517.03	758.51	1,758.81	868.61	0.78	-0.73	0.683
11.00	-24.73	-21.46	0.00	-1,349.20	0.00	1,349.20	1,512.06	756.03	1,742.76	860.68	0.94	-0.81	0.675
12.00	-24.49	-21.29	0.00	-1,327.74	0.00	1,327.74	1,507.06	753.53	1,726.72	852.76	1.12	-0.88	0.668
13.00	-24.25	-21.13	0.00	-1,306.45	0.00	1,306.45	1,502.01	751.00	1,710.70	844.85	1.31	-0.95	0.660
14.00	-24.01	-20.97	0.00	-1,285.32	0.00	1,285.32	1,496.91	748.46	1,694.70	836.95	1.52	-1.02	0.652
15.00	-23.77	-20.82	0.00	-1,264.34	0.00	1,264.34	1,491.77	745.88	1,678.72	829.05	1.74	-1.09	0.644
16.00	-23.53	-20.67	0.00	-1,243.52	0.00	1,243.52	1,486.58	743.29	1,662.75	821.17	1.98	-1.17	0.637
17.00	-23.29	-20.52	0.00	-1,222.85	0.00	1,222.85	1,481.35	740.67	1,646.81	813.30	2.23	-1.24	0.629
18.00	-23.05	-20.38	0.00	-1,202.33	0.00	1,202.33	1,476.07	738.04	1,630.88	805.43	2.50	-1.31	0.621
19.00	-22.81	-20.24	0.00	-1,181.95	0.00	1,181.95	1,470.75	735.37	1,614.98	797.58	2.78	-1.38	0.614
20.00	-22.58	-20.10	0.00	-1,161.71	0.00	1,161.71	1,465.38	732.69	1,599.10	789.74	3.08	-1.45	0.606
21.00	-22.34	-19.97	0.00	-1,141.60	0.00	1,141.60	1,459.96	729.98	1,583.25	781.91	3.39	-1.52	0.598
22.00	-22.11	-19.84	0.00	-1,121.63	0.00	1,121.63	1,454.50	727.25	1,567.42	774.09	3.72	-1.59	0.591
23.00	-21.87	-19.71	0.00	-1,101.79	0.00	1,101.79	1,449.00	724.50	1,551.61	766.28	4.06	-1.66	0.583
24.00	-21.64	-19.59	0.00	-1,082.08	0.00	1,082.08	1,443.45	721.72	1,535.83	758.49	4.41	-1.72	0.575
25.00	-21.41	-19.46	0.00	-1,062.50	0.00	1,062.50	1,437.85	718.92	1,520.08	750.71	4.78	-1.79	0.568
26.00	-21.18	-19.34	0.00	-1,043.04	0.00	1,043.04	1,432.21	716.10	1,504.36	742.95	5.16	-1.86	0.560
27.00	-20.95	-19.22	0.00	-1,023.70	0.00	1,023.70	1,426.52	713.26	1,488.67	735.20	5.56	-1.93	0.552
28.00	-20.72	-19.10	0.00	-1,004.48	0.00	1,004.48	1,420.79	710.39	1,473.01	727.46	5.97	-2.00	0.545
29.00	-20.50	-18.98	0.00	-985.37	0.00	985.37	1,415.01	707.51	1,457.38	719.74	6.40	-2.06	0.537
29.33	-20.42	-18.95	0.00	-979.11	0.00	979.11	1,413.09	706.55	1,452.23	717.20	6.54	-2.09	0.534
30.00	-20.21	-18.87	0.00	-966.42	0.00	966.42	1,409.19	704.59	1,441.78	712.04	6.84	-2.13	0.519
31.00	-19.90	-18.75	0.00	-947.55	0.00	947.55	1,403.32	701.66	1,426.22	704.35	7.29	-2.20	0.512
32.00	-19.60	-18.63	0.00	-928.80	0.00	928.80	1,397.40	698.70	1,410.69	696.68	7.76	-2.26	0.504
32.83	-19.35	-18.52	0.00	-913.34	0.00	913.34	1,130.07	565.03	1,157.93	571.86	8.16	-2.31	0.624
33.00	-19.30	-18.51	0.00	-910.19	0.00	910.19	1,129.20	564.60	1,155.73	570.77	8.24	-2.32	0.622
34.00	-19.08	-18.40	0.00	-891.67	0.00	891.67	1,124.06	562.03	1,142.81	564.39	8.73	-2.39	0.613
35.00	-18.86	-18.28	0.00	-873.28	0.00	873.28	1,119.12	559.56	1,130.16	558.15	9.24	-2.45	0.603
36.00	-18.63	-18.17	0.00	-854.99	0.00	854.99	1,111.65	555.82	1,115.04	550.68	9.76	-2.51	0.595
37.00	-18.41	-18.05	0.00	-836.83	0.00	836.83	1,104.17	552.09	1,100.02	543.26	10.29	-2.57	0.587
38.00	-18.19	-17.94	0.00	-818.77	0.00	818.77	1,096.70	548.35	1,085.11	535.89	10.84	-2.63	0.579
39.00	-17.97	-17.83	0.00	-800.83	0.00	800.83	1,089.22	544.61	1,070.29	528.58	11.40	-2.69	0.570
40.00	-17.75	-17.71	0.00	-783.01	0.00	783.01	1,081.75	540.87	1,055.58	521.31	11.97	-2.75	0.562
41.00	-17.54	-17.60	0.00	-765.29	0.00	765.29	1,074.28	537.14	1,040.96	514.09	12.55	-2.81	0.553
42.00	-17.32	-17.49	0.00	-747.69	0.00	747.69	1,066.80	533.40	1,026.45	506.93	13.15	-2.87	0.545
43.00	-17.10	-17.37	0.00	-730.21	0.00	730.21	1,059.33	529.66	1,012.05	499.81	13.76	-2.93	0.536
44.00	-16.89	-17.26	0.00	-712.83	0.00	712.83	1,051.85	525.93	997.74	492.75	14.38	-2.99	0.527
45.00	-16.67	-17.15	0.00	-695.57	0.00	695.57	1,044.38	522.19	983.54	485.73	15.01	-3.04	0.518
46.00	-16.46	-17.04	0.00	-678.42	0.00	678.42	1,036.90	518.45	969.43	478.77	15.65	-3.10	0.510
47.00	-16.25	-16.93	0.00	-661.38	0.00	661.38	1,029.43	514.72	955.43	471.85	16.31	-3.16	0.501
47.00	-16.25	-16.93	0.00	-661.38	0.00	661.38	1,029.43	514.72	955.43	471.85	16.31	-3.16	0.501

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
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 Shape : 12 Sides, Sect 4: Round
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Code: ANSI/TIA-222 Rev G
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6/6/2014 10:26:23 AI
 Page: 31



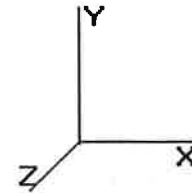
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Load Case: 1.2D + 1.6W 95.00 mph with No Ice 31 Iterations
Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00
Dead Load Factor : 1.20
Wind Load Factor : 1.60

48.00	-16.04	-16.82	0.00	-644.45	0.00	644.45	1,021.96	510.98	941.53	464.99	16.97	-3.21	0.492
49.00	-15.83	-16.70	0.00	-627.64	0.00	627.64	1,014.48	507.24	927.74	458.17	17.65	-3.27	0.483
50.00	-15.62	-16.59	0.00	-610.93	0.00	610.93	1,007.01	503.50	914.04	451.41	18.34	-3.32	0.473
51.00	-15.41	-16.48	0.00	-594.34	0.00	594.34	999.53	499.77	900.45	444.70	19.04	-3.37	0.464
52.00	-15.20	-16.37	0.00	-577.86	0.00	577.86	992.06	496.03	886.96	438.03	19.76	-3.43	0.455
53.00	-14.99	-16.26	0.00	-561.49	0.00	561.49	984.59	492.29	873.57	431.42	20.48	-3.48	0.445
54.00	-14.79	-16.15	0.00	-545.22	0.00	545.22	977.11	488.56	860.28	424.86	21.22	-3.53	0.436
55.00	-14.58	-16.04	0.00	-529.07	0.00	529.07	969.64	484.82	847.09	418.35	21.96	-3.58	0.426
56.00	-14.38	-15.93	0.00	-513.03	0.00	513.03	962.16	481.08	834.01	411.89	22.72	-3.63	0.417
57.00	-14.18	-15.82	0.00	-497.10	0.00	497.10	954.69	477.34	821.03	405.47	23.48	-3.68	0.407
58.00	-13.97	-15.71	0.00	-481.28	0.00	481.28	947.21	473.61	808.15	399.11	24.26	-3.73	0.397
59.00	-13.77	-15.60	0.00	-465.57	0.00	465.57	939.74	469.87	795.37	392.80	25.04	-3.77	0.388
60.00	-13.57	-15.49	0.00	-449.97	0.00	449.97	932.27	466.13	782.69	386.54	25.84	-3.82	0.378
61.00	-13.37	-15.38	0.00	-434.48	0.00	434.48	924.79	462.40	770.12	380.33	26.64	-3.87	0.368
62.00	-13.17	-15.27	0.00	-419.10	0.00	419.10	917.32	458.66	757.64	374.17	27.46	-3.91	0.358
62.92	-13.00	-15.17	0.00	-405.10	0.00	405.10	910.47	455.23	746.30	368.57	28.21	-3.95	0.348
63.00	-12.97	-15.16	0.00	-403.84	0.00	403.84	909.84	454.92	745.27	368.06	28.28	-3.96	0.341
64.00	-12.73	-15.05	0.00	-388.67	0.00	388.67	902.37	451.18	733.00	362.00	29.12	-4.00	0.331
65.00	-12.48	-14.93	0.00	-373.63	0.00	373.63	894.90	447.45	720.83	355.99	29.96	-4.04	0.321
65.75	-12.30	-14.84	0.00	-362.43	0.00	362.43	887.43	444.00	709.66	350.00	30.81	-4.08	0.311
66.00	-12.25	-14.74	0.00	-358.56	0.00	358.56	884.79	442.57	707.19	349.42	30.59	-4.07	0.349
67.00	-12.07	-14.63	0.00	-343.82	0.00	343.82	877.32	439.13	695.52	344.00	31.47	-4.11	0.339
68.00	-11.89	-14.52	0.00	-329.19	0.00	329.19	870.84	435.57	684.65	338.81	32.39	-4.15	0.329
69.00	-11.72	-14.41	0.00	-314.67	0.00	314.67	864.35	432.00	674.36	333.81	33.34	-4.20	0.319
70.00	-11.50	-14.05	0.00	-300.26	0.00	300.26	857.84	428.41	664.63	329.00	34.32	-4.24	0.295
71.00	-11.33	-13.94	0.00	-286.21	0.00	286.21	851.31	424.80	655.44	324.43	35.34	-4.28	0.283
72.00	-11.15	-13.83	0.00	-272.27	0.00	272.27	844.75	421.17	646.79	320.00	36.41	-4.31	0.270
73.00	-10.41	-12.91	0.00	-257.70	0.00	257.70	838.17	417.52	638.77	316.61	37.54	-4.35	0.257
74.00	-10.23	-12.81	0.00	-244.79	0.00	244.79	831.57	413.85	631.27	313.31	38.73	-4.38	0.245
75.00	-10.06	-12.70	0.00	-231.98	0.00	231.98	824.94	410.16	624.39	310.00	39.98	-4.41	0.234
76.00	-9.89	-12.59	0.00	-219.29	0.00	219.29	818.28	406.45	618.03	306.77	41.30	-4.44	0.223
77.00	-9.72	-12.48	0.00	-206.70	0.00	206.70	811.59	402.72	612.25	303.61	42.69	-4.47	0.212
77.50	-9.64	-12.42	0.00	-200.46	0.00	200.46	804.87	398.97	606.71	300.50	44.15	-4.49	0.206
77.50	-9.64	-12.42	0.00	-200.46	0.00	200.46	804.87	398.97	606.71	300.50	44.15	-4.49	0.906
78.00	-9.57	-12.38	0.00	-194.25	0.00	194.25	798.13	395.20	601.21	297.43	45.68	-4.50	0.887
79.00	-9.45	-12.29	0.00	-181.87	0.00	181.87	791.37	391.41	596.12	294.41	47.28	-4.52	0.868
80.00	-8.07	-9.19	0.00	-169.58	0.00	169.58	784.58	387.60	591.33	291.54	48.94	-4.53	0.850
81.00	-7.98	-9.10	0.00	-160.39	0.00	160.39	777.77	383.77	587.04	288.71	50.67	-4.54	0.833
82.00	-7.88	-9.01	0.00	-151.29	0.00	151.29	770.94	379.92	582.74	285.92	52.48	-4.55	0.817
83.00	-7.78	-8.93	0.00	-142.27	0.00	142.27	764.09	376.05	578.63	283.17	54.37	-4.56	0.802
84.00	-7.69	-8.84	0.00	-133.34	0.00	133.34	757.22	372.15	574.70	280.46	56.34	-4.57	0.787
85.00	-7.60	-8.76	0.00	-124.50	0.00	124.50	750.33	368.22	570.94	277.79	58.39	-4.58	0.773
86.00	-7.50	-8.67	0.00	-115.75	0.00	115.75	743.42	364.27	567.35	275.16	60.53	-4.59	0.760
87.00	-7.41	-8.58	0.00	-107.08	0.00	107.08	736.49	360.30	563.92	272.57	62.76	-4.60	0.748
88.00	-7.32	-8.50	0.00	-98.49	0.00	98.49	729.54	356.31	560.64	270.01	65.08	-4.61	0.737
89.00	-7.24	-8.41	0.00	-90.00	0.00	90.00	722.57	352.30	557.51	267.49	67.49	-4.62	0.727
89.50	-5.26	-6.47	0.00	-84.76	0.00	84.76	715.58	348.27	554.62	265.00	70.00	-4.63	0.718
90.00	-5.22	-6.45	0.00	-81.52	0.00	81.52	708.57	344.22	551.87	262.54	72.61	-4.64	0.710
91.00	-5.15	-6.39	0.00	-75.07	0.00	75.07	701.54	340.15	549.25	260.11	75.32	-4.65	0.703
92.00	-5.09	-6.33	0.00	-68.69	0.00	68.69	694.49	336.06	546.76	257.71	78.14	-4.66	0.697
93.00	-5.02	-6.27	0.00	-62.36	0.00	62.36	687.42	331.95	544.39	255.34	81.07	-4.67	0.692
94.00	-4.95	-6.20	0.00	-56.10	0.00	56.10	680.33	327.82	542.14	253.01	84.12	-4.68	0.688
95.00	-4.89	-6.14	0.00	-49.89	0.00	49.89	673.22	323.67	540.00	250.71	87.34	-4.69	0.685
96.00	-4.81	-5.96	0.00	-43.63	0.00	43.63	666.09	319.50	537.97	248.44	90.73	-4.70	0.683
97.00	-4.75	-5.90	0.00	-37.67	0.00	37.67	658.94	315.31	536.04	246.21	94.28	-4.71	0.682
98.00	-4.69	-5.84	0.00	-31.77	0.00	31.77	651.77	311.10	534.22	244.01	97.99	-4.72	0.682
99.00	-4.63	-5.78	0.00	-25.93	0.00	25.93	644.58	306.87	532.57	241.84	101.85	-4.73	0.683

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



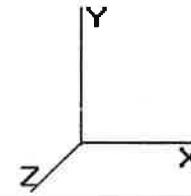
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Load Case: 1.2D + 1.6W	95.00 mph with No Ice	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.20		
Wind Load Factor : 1.60		

100.00	-1.53	-1.84	0.00	-16.69	0.00	16.69	489.95	244.98	288.00	142.23	67.05	-6.20	0.121
100.00	-1.53	-1.84	0.00	-16.69	0.00	16.69	459.24	229.62	229.69	150.79	67.05	-6.20	0.114
101.00	-1.47	-1.80	0.00	-14.85	0.00	14.85	459.24	229.62	229.69	150.79	68.35	-6.22	0.102
102.00	-1.41	-1.76	0.00	-13.05	0.00	13.05	459.24	229.62	229.69	150.79	69.65	-6.23	0.090
103.00	-1.34	-1.73	0.00	-11.28	0.00	11.28	459.24	229.62	229.69	150.79	70.96	-6.25	0.078
104.00	-1.28	-1.69	0.00	-9.55	0.00	9.55	459.24	229.62	229.69	150.79	72.26	-6.26	0.066
105.00	-1.22	-1.65	0.00	-7.87	0.00	7.87	459.24	229.62	229.69	150.79	73.57	-6.27	0.055
106.00	-1.16	-1.61	0.00	-6.22	0.00	6.22	459.24	229.62	229.69	150.79	74.88	-6.27	0.044
107.00	-1.10	-1.57	0.00	-4.60	0.00	4.60	459.24	229.62	229.69	150.79	76.19	-6.28	0.033
108.00	-1.04	-1.53	0.00	-3.03	0.00	3.03	459.24	229.62	229.69	150.79	77.51	-6.28	0.022
109.00	-0.98	-1.50	0.00	-1.50	0.00	1.50	459.24	229.62	229.69	150.79	78.82	-6.28	0.012
110.00	0.00	-1.38	0.00	0.00	0.00	0.00	459.24	229.62	229.69	150.79	80.13	-6.29	0.000

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:23 AM
 Page : 33

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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

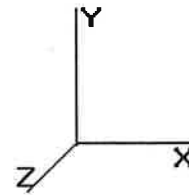
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		2.74	0.70	42.185	46.40	340.87	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		2.65	0.70	40.845	44.93	333.58	1.000	* 0.000	1.00	2.581	2.58	185.6	0.0	139.9
2.00		2.57	0.70	39.580	43.53	326.57	1.000	* 0.000	1.00	2.567	2.57	178.8	0.0	139.5
3.00		2.49	0.70	38.384	42.22	319.83	1.000	* 0.000	1.00	2.553	2.55	172.5	0.0	139.1
4.00		2.42	0.70	37.255	40.98	313.34	1.000	* 0.000	1.00	2.539	2.54	166.5	0.0	138.7
5.00		2.35	0.70	36.186	39.80	307.09	1.000	* 0.000	1.00	2.525	2.52	160.8	0.0	138.3
6.00		2.28	0.70	35.175	38.69	301.07	1.200	* 0.000	1.00	2.510	3.01	186.5	0.0	137.9
7.00		2.22	0.70	34.219	37.64	295.27	1.200	* 0.000	1.00	2.496	3.00	180.4	0.0	137.5
8.00		2.16	0.70	33.314	36.64	289.69	1.200	* 0.000	1.00	2.482	2.98	174.6	0.0	137.1
9.00		2.11	0.70	32.456	35.70	284.30	1.200	* 0.000	1.00	2.468	2.96	169.2	0.0	136.7
10.00		2.06	0.70	31.644	34.80	279.11	1.200	* 0.000	1.00	2.454	2.94	164.0	0.0	136.3
11.00		2.00	0.70	30.874	33.96	274.10	1.200	* 0.000	1.00	2.440	2.93	159.1	0.0	135.9
12.00		1.96	0.70	30.144	33.15	269.27	1.200	* 0.000	1.00	2.426	2.91	154.4	0.0	135.5
13.00		1.91	0.70	29.452	32.39	264.61	1.200	* 0.000	1.00	2.412	2.89	150.0	0.0	135.1
14.00		1.87	0.70	28.795	31.67	260.10	1.200	* 0.000	1.00	2.397	2.88	145.8	0.0	134.7
15.00		1.83	0.70	28.172	30.98	255.75	1.200	* 0.000	1.00	2.383	2.86	141.8	0.0	134.3
16.00		1.79	0.70	27.580	30.33	251.55	1.200	* 0.000	1.00	2.369	2.84	138.0	0.0	133.9
17.00		1.75	0.70	27.019	29.72	247.48	1.200	* 0.000	1.00	2.355	2.83	134.4	0.0	133.5
18.00		1.72	0.70	26.485	29.13	243.55	1.200	* 0.000	1.00	2.341	2.81	130.9	0.0	133.1
19.00		1.69	0.70	25.978	28.57	239.75	1.200	* 0.000	1.00	2.327	2.79	127.7	0.0	132.7
20.00		1.65	0.70	25.496	28.04	236.07	1.200	* 0.000	1.00	2.313	2.78	124.5	0.0	132.3
21.00		1.63	0.70	25.037	27.54	232.50	1.200	* 0.000	1.00	2.299	2.76	121.5	0.0	131.9
22.00		1.60	0.70	24.601	27.06	229.05	1.200	* 0.000	1.00	2.284	2.74	118.7	0.0	131.5
23.00		1.57	0.70	24.186	26.60	225.70	1.200	* 0.000	1.00	2.270	2.72	116.0	0.0	131.1
24.00		1.54	0.70	23.792	26.17	222.45	1.200	* 0.000	1.00	2.256	2.71	113.4	0.0	130.7
25.00		1.52	0.70	23.416	25.75	219.30	1.200	* 0.000	1.00	2.242	2.69	110.9	0.0	130.3
26.00		1.50	0.70	23.058	25.36	216.25	1.200	* 0.000	1.00	2.228	2.67	108.5	0.0	129.8
27.00		1.47	0.70	22.717	24.98	213.28	1.200	* 0.000	1.00	2.214	2.66	106.2	0.0	129.4
28.00		1.45	0.70	22.393	24.63	210.39	1.200	* 0.000	1.00	2.200	2.64	104.0	0.0	129.0
29.00		1.43	0.70	22.083	24.29	207.59	1.200	* 0.000	1.00	2.186	2.62	101.9	0.0	128.6
29.33	Bot - Section 2	1.43	0.70	21.985	24.18	206.68	1.200	* 0.000	0.33	0.718	0.86	33.3	0.0	42.3
30.00		1.41	0.70	21.807	23.98	204.95	1.200	* 0.000	0.67	1.482	1.78	68.3	0.0	127.8
31.00		1.40	0.70	21.728	23.90	203.24	1.200	* 0.000	1.00	2.200	2.64	101.0	0.0	190.1
32.00		1.38	0.71	21.653	23.81	201.56	1.200	* 0.000	1.00	2.186	2.62	100.0	0.0	189.3
32.83	Top - Section 1	1.36	0.71	21.594	23.75	200.17	1.200	* 0.000	0.83	1.804	2.16	82.3	0.0	156.5
33.00		1.36	0.72	21.582	23.74	203.95	1.200	* 0.000	0.17	0.368	0.44	16.8	0.0	21.8
34.00		1.35	0.72	21.514	23.66	202.30	1.200	* 0.000	1.00	2.158	2.59	98.1	0.0	127.9
35.00		1.33	0.73	21.449	23.59	200.67	1.200	* 0.000	1.00	2.144	2.57	97.1	0.0	127.4
36.00		1.32	0.73	21.389	23.52	199.07	1.200	* 0.000	1.00	2.130	2.56	96.2	0.0	127.0
37.00		1.30	0.74	21.331	23.46	197.48	1.200	* 0.000	1.00	2.116	2.54	95.3	0.0	126.6
38.00		1.29	0.75	21.278	23.40	195.91	1.200	* 0.000	1.00	2.102	2.52	94.4	0.0	126.2
39.00		1.28	0.75	21.228	23.35	194.36	1.200	* 0.000	1.00	2.087	2.50	93.6	0.0	125.8
40.00		1.26	0.76	21.182	23.30	192.83	1.200	* 0.000	1.00	2.073	2.49	92.8	0.0	125.4
41.00		1.25	0.76	21.139	23.25	191.32	1.200	* 0.000	1.00	2.059	2.47	91.9	0.0	125.0
42.00		1.24	0.77	21.099	23.20	189.82	1.200	* 0.000	1.00	2.045	2.45	91.1	0.0	124.6
43.00		1.23	0.77	21.063	23.17	188.34	1.200	* 0.000	1.00	2.031	2.44	90.3	0.0	124.2
44.00		1.22	0.78	21.031	23.13	186.88	1.200	* 0.000	1.00	2.017	2.42	89.6	0.0	123.8
45.00		1.21	0.78	21.001	23.10	185.44	1.200	* 0.000	1.00	2.003	2.40	88.8	0.0	123.4
46.00		1.20	0.79	20.974	23.07	184.01	1.200	* 0.000	1.00	1.989	2.39	88.1	0.0	123.0
47.00	Reinf. Top Reinf	1.19	0.79	20.951	23.04	182.59	1.200	* 0.000	1.00	1.974	2.37	87.4	0.0	122.6
48.00		1.19	0.80	20.930	23.02	181.19	1.200	* 0.000	1.00	1.960	2.35	86.7	0.0	122.2

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
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6/6/2014 10:26:23 AM
 Page: 34



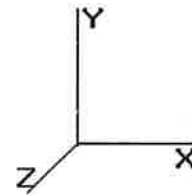
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Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

49.00		1.18	0.80	20.912	23.00	179.81	1.200	* 0.000	1.00	1.946	2.34	86.0	0.0	121.8
50.00		1.17	0.81	20.897	22.98	178.43	1.200	* 0.000	1.00	1.932	2.32	85.3	0.0	121.4
51.00		1.16	0.81	20.885	22.97	177.07	1.200	* 0.000	1.00	1.918	2.30	84.6	0.0	121.0
52.00		1.16	0.82	20.875	22.96	175.72	1.200	* 0.000	1.00	1.904	2.28	83.9	0.0	120.6
53.00		1.15	0.82	20.868	22.95	174.38	1.200	* 0.000	1.00	1.890	2.27	83.3	0.0	120.2
54.00		1.14	0.82	20.863	22.95	173.05	1.200	* 0.000	1.00	1.876	2.25	82.6	0.0	119.8
55.00		1.14	0.83	20.861	22.94	171.74	1.200	* 0.000	1.00	1.861	2.23	82.0	0.0	119.4
56.00		1.13	0.83	20.861	22.94	170.43	1.200	* 0.000	1.00	1.847	2.22	81.4	0.0	119.0
57.00		1.12	0.84	20.863	22.94	169.13	1.200	* 0.000	1.00	1.833	2.20	80.8	0.0	118.6
58.00		1.12	0.84	20.867	22.95	167.83	1.200	* 0.000	1.00	1.819	2.18	80.2	0.0	118.2
59.00		1.11	0.85	20.873	22.96	166.55	1.200	* 0.000	1.00	1.805	2.17	79.6	0.0	117.8
60.00		1.11	0.85	20.881	22.96	165.27	1.200	* 0.000	1.00	1.791	2.15	79.0	0.0	117.4
61.00		1.10	0.85	20.891	22.98	164.00	1.200	* 0.000	1.00	1.777	2.13	78.4	0.0	117.0
62.00		1.10	0.86	20.903	22.99	162.74	1.200	* 0.000	1.00	1.762	2.11	77.8	0.0	116.5
62.92	Bot - Section 3	1.10	0.86	20.915	23.00	161.59	1.200	* 0.000	0.92	1.603	1.92	70.8	0.0	106.5
63.00		1.10	0.86	20.916	23.00	161.48	1.200	* 0.000	0.08	0.148	0.18	6.5	0.0	12.8
64.00		1.09	0.87	20.932	23.02	160.23	1.200	* 0.000	1.00	1.767	2.12	78.1	0.0	153.3
65.00		1.09	0.87	20.948	23.04	158.98	1.200	* 0.000	1.00	1.752	2.10	77.5	0.0	152.5
65.75	Top - Section 2	1.08	0.87	20.962	23.05	158.05	1.200	* 0.000	0.75	1.305	1.57	57.8	0.0	113.9
66.00	Appertunance(s)	1.08	0.87	20.967	23.06	160.75	1.200	* 0.000	0.25	0.433	0.52	19.2	0.0	25.9
67.00		1.08	0.88	20.986	23.08	159.51	1.200	* 0.000	1.00	1.724	2.07	76.4	0.0	103.4
68.00		1.08	0.88	21.008	23.10	158.28	1.200	* 0.000	1.00	1.710	2.05	75.9	0.0	103.1
69.00		1.07	0.88	21.030	23.13	157.05	1.200	* 0.000	1.00	1.696	2.04	75.3	0.0	102.8
70.00	Appertunance(s)	1.07	0.89	21.054	23.15	155.82	1.200	* 0.000	1.00	1.682	2.02	74.8	0.0	102.5
71.00		1.07	0.89	21.079	23.18	154.60	1.200	* 0.000	1.00	1.668	2.00	74.2	0.0	102.2
72.00		1.06	0.90	21.105	23.21	153.38	1.200	* 0.000	1.00	1.654	1.98	73.7	0.0	101.9
73.00	Appertunance(s)	1.06	0.90	21.133	23.24	152.16	1.200	* 0.000	1.00	1.639	1.97	73.2	0.0	101.6
74.00		1.06	0.90	21.161	23.27	150.95	1.200	* 0.000	1.00	1.625	1.95	72.6	0.0	101.3
75.00		1.06	0.91	21.191	23.31	149.73	1.200	* 0.000	1.00	1.611	1.93	72.1	0.0	101.0
76.00		1.05	0.91	21.221	23.34	148.52	1.200	* 0.000	1.00	1.597	1.92	71.6	0.0	100.7
77.00		1.05	0.91	21.253	23.37	147.31	1.200	* 0.000	1.00	1.583	1.90	71.1	0.0	100.4
77.50	Reinf. Top	1.05	0.91	21.269	23.39	146.71	1.200	* 0.000	0.50	0.786	0.94	35.3	0.0	50.1
78.00		1.05	0.92	21.285	23.41	146.10	1.200	* 0.000	0.50	0.783	0.94	35.2	0.0	16.6
79.00		1.05	0.92	21.319	23.45	144.89	1.200	* 0.000	1.00	1.555	1.87	70.0	0.0	33.0
80.00	Appertunance(s)	1.04	0.92	21.353	23.48	143.69	1.200	* 0.000	1.00	1.541	1.85	69.5	0.0	32.7
81.00		1.04	0.93	21.388	23.52	142.48	1.200	* 0.000	1.00	1.526	1.83	68.9	0.0	32.4
82.00		1.04	0.93	21.423	23.56	141.27	1.200	* 0.000	1.00	1.512	1.81	68.4	0.0	32.1
83.00		1.04	0.93	21.459	23.60	140.06	1.200	* 0.000	1.00	1.498	1.80	67.9	0.0	31.8
84.00		1.04	0.94	21.496	23.64	138.86	1.200	* 0.000	1.00	1.484	1.78	67.4	0.0	31.5
85.00		1.04	0.94	21.534	23.68	137.65	1.200	* 0.000	1.00	1.470	1.76	66.9	0.0	31.2
86.00		1.03	0.94	21.572	23.73	136.44	1.200	* 0.000	1.00	1.456	1.75	66.3	0.0	30.9
87.00		1.03	0.95	21.611	23.77	135.23	1.200	* 0.000	1.00	1.442	1.73	65.8	0.0	30.6
88.00		1.03	0.95	21.651	23.81	134.02	1.200	* 0.000	1.00	1.428	1.71	65.3	0.0	30.2
89.00		1.03	0.95	21.690	23.85	132.81	1.200	* 0.000	1.00	1.413	1.70	64.7	0.0	29.9
89.50	Appertunance(s)	1.03	0.95	21.711	23.88	132.20	1.200	* 0.000	0.50	0.701	0.84	32.2	0.0	14.9
90.00		1.03	0.95	21.731	23.90	131.60	1.000	* 0.000	0.50	0.698	0.70	26.7	0.0	14.8
91.00		1.03	0.96	21.772	23.94	130.39	1.000	* 0.000	1.00	1.385	1.39	53.1	0.0	29.3
92.00		1.03	0.96	21.813	23.99	129.17	1.000	* 0.000	1.00	1.371	1.37	52.6	0.0	29.0
93.00		1.02	0.96	21.855	24.04	127.95	1.000	* 0.000	1.00	1.357	1.36	52.2	0.0	28.7
94.00		1.02	0.97	21.897	24.08	126.74	1.000	* 0.000	1.00	1.343	1.34	51.7	0.0	28.4
95.00		1.02	0.97	21.939	24.13	125.52	1.000	* 0.000	1.00	1.329	1.33	51.3	0.0	28.1
96.00	Appertunance(s)	1.02	0.97	21.982	24.18	124.30	1.000	* 0.000	1.00	1.315	1.31	50.9	0.0	27.8
97.00		1.02	0.98	22.025	24.22	123.07	1.000	* 0.000	1.00	1.300	1.30	50.4	0.0	27.5
98.00		1.02	0.98	22.068	24.27	121.85	1.000	* 0.000	1.00	1.286	1.29	50.0	0.0	27.2
99.00		1.02	0.98	22.112	24.32	120.62	1.000	* 0.000	1.00	1.272	1.27	49.5	0.0	26.9
100.0	Top - Section 3	1.02	0.98	22.156	24.37	119.39	1.000	* 0.000	1.00	1.258	1.26	49.1	0.0	26.6
101.0		1.02	0.99	22.200	24.42	101.51	0.600	* 0.000	1.00	1.063	0.64	24.9	0.0	44.6

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:23 AM
 Page: 35

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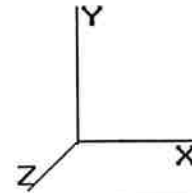
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

102.0	1.02	0.99	22.244	24.46	101.61	0.600	* 0.000	1.00	1.063	0.64	25.0	0.0	44.6	
103.0	1.01	0.99	22.289	24.51	101.71	0.600	* 0.000	1.00	1.063	0.64	25.0	0.0	44.6	
104.0	1.01	0.99	22.334	24.56	101.81	0.600	* 0.000	1.00	1.063	0.64	25.1	0.0	44.6	
105.0	1.01	1.00	22.379	24.61	101.92	0.600	* 0.000	1.00	1.063	0.64	25.1	0.0	44.6	
106.0	1.01	1.00	22.424	24.66	102.02	0.600	* 0.000	1.00	1.063	0.64	25.2	0.0	44.6	
107.0	1.01	1.00	22.469	24.71	102.12	0.600	* 0.000	1.00	1.063	0.64	25.2	0.0	44.6	
108.0	1.01	1.01	22.514	24.76	102.22	0.600	* 0.000	1.00	1.063	0.64	25.3	0.0	44.6	
109.0	1.01	1.01	22.560	24.81	102.33	0.600	* 0.000	1.00	1.063	0.64	25.3	0.0	44.6	
110.0	Appertunance(s)	1.01	1.01	22.605	24.86	102.43	0.600	* 0.000	1.00	1.063	0.64	25.4	0.0	44.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:	110.00		9,827.9	0.0	11,020.4	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
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6/6/2014 10:26:23 AM
 Page: 36



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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations

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

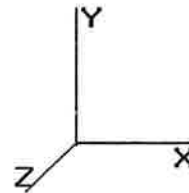
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
66.00	Scala 840 10212	1	21.008	23.108	1.00	1.00	2.17	0.000	2.000	80.23	0.00	160.47	6.03
70.00	2' Std. Dish	1	21.054	23.159	1.00	1.00	5.23	0.000	0.000	193.80	0.00	0.00	12.60
70.00	Radio/ODU	1	21.054	23.159	1.00	1.00	1.60	0.000	0.000	59.29	0.00	0.00	27.00
73.00	RFS APXV18-206517S-	3	21.191	23.310	0.80	0.80	9.93	0.000	2.000	370.22	0.00	740.43	71.28
73.00	Round Side Arm	3	21.133	23.246	0.67	1.00	10.45	0.000	0.000	388.75	0.00	0.00	405.00
80.00	Antel BXA-171063-12C	6	21.353	23.488	0.88	0.80	20.28	0.000	0.000	761.96	0.00	0.00	69.12
80.00	Antel BXA-70063-6CF-	6	21.353	23.488	0.77	0.80	27.98	0.000	0.000	1,051.46	0.00	0.00	91.80
80.00	RFS DB-T1-6Z-8AB-0Z	1	21.353	23.488	0.67	0.80	2.57	0.000	0.000	96.69	0.00	0.00	39.60
80.00	Alcatel-Lucent RRH2x	3	21.353	23.488	0.67	0.80	3.41	0.000	0.000	128.11	0.00	0.00	135.00
80.00	Alcatel-Lucent RRH2x	3	21.353	23.488	0.67	0.80	3.47	0.000	0.000	130.53	0.00	0.00	118.80
80.00	Flat T-Arm	3	21.353	23.488	0.67	0.75	19.45	0.000	0.000	730.82	0.00	0.00	675.00
89.50	CCI DTMA-1819-DD-12-	6	21.772	23.949	0.50	0.80	1.70	0.000	1.500	65.29	0.00	97.94	77.22
89.50	Flat Low Profile Pla	1	21.711	23.882	1.00	1.00	26.10	0.000	0.000	997.29	0.00	0.00	1,350.00
89.50	RFS APX16DWV-	3	21.772	23.949	0.66	0.80	9.63	0.000	1.500	369.03	0.00	553.54	106.92
89.50	RFS APXV18-206516S-	3	21.772	23.949	0.77	0.80	6.69	0.000	1.500	256.34	0.00	384.51	50.49
96.00	Scala 840 10212	1	22.068	24.275	0.73	1.00	1.58	0.000	2.000	61.53	0.00	123.05	6.03
96.00	TX RX Systems 421-86	1	21.982	24.180	0.67	1.00	1.49	0.000	0.000	57.54	0.00	0.00	13.50
100.0	Powerwave LGP21401	6	22.156	24.371	0.50	0.75	2.48	0.000	0.000	96.51	0.00	0.00	76.14
100.0	Powerwave TT19-	3	22.156	24.371	0.50	0.75	0.72	0.000	0.000	28.08	0.00	0.00	43.20
100.0	Flat Platform w/ Han	1	22.156	24.371	1.00	1.00	42.40	0.000	0.000	1,653.35	0.00	0.00	1,800.00
100.0	Ericsson RRUS 11 (Ba	6	22.244	24.469	0.67	0.75	7.60	0.000	2.000	297.45	0.00	594.91	297.00
100.0	Kathrein 860-10025	6	22.156	24.371	0.50	0.75	0.31	0.000	0.000	12.28	0.00	0.00	5.94
100.0	KMW AM-X-CD-16-65-	2	22.244	24.469	0.79	0.75	9.50	0.000	2.000	372.07	0.00	744.14	87.30
100.0	Raycap DC6-48-60-18-	1	22.244	24.469	1.00	0.75	0.83	0.000	2.000	32.59	0.00	65.18	28.62
100.0	Andrew SBNH-	1	22.244	24.469	0.84	0.75	7.21	0.000	2.000	282.41	0.00	564.82	54.72
100.0	Powerwave 7770.00	6	22.244	24.469	0.77	0.75	19.09	0.000	2.000	747.46	0.00	1,494.91	189.00
110.0	DragonWave Horizon	3	22.605	24.866	0.50	0.80	0.52	0.000	0.000	20.53	0.00	0.00	28.62
110.0	DragonWave A-ANT-	2	22.605	24.866	1.00	0.80	13.87	0.000	0.000	551.90	0.00	0.00	85.68
110.0	NextNet BTS-2500	3	22.605	24.866	0.50	0.80	2.18	0.000	0.000	86.89	0.00	0.00	94.50
110.0	Argus LLPX310R	3	22.605	24.866	0.73	0.80	7.52	0.000	0.000	299.03	0.00	0.00	77.22
110.0	Side Arms	1	22.605	24.866	1.00	1.00	8.50	0.000	0.000	338.18	0.00	0.00	504.00
110.0	DragonWave A-ANT-	1	22.605	24.866	1.00	0.80	1.29	0.000	0.000	51.24	0.00	0.00	13.50
										10,668.85			6,640.83

Pole : 302481
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6/6/2014 10:26:23 AM
 Page: 37



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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

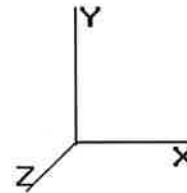
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	40.845	0.121	1.063	0.00	0.00
2.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	39.580	0.122	1.065	0.00	0.00
3.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	38.384	0.122	1.067	0.00	0.00
4.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	37.255	0.123	1.069	0.00	0.00
5.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	36.186	0.124	1.071	0.00	0.00
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.41
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.24
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.30
6.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	35.175	0.387	0.000	24.52	13.28
6.00	(4) #20 Dywidag	Yes	1.00	1.022	3.75	0.31	0.32	35.175	0.387	0.000	19.77	0.00
6.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	3.29
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	8.86
6.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	2.34
6.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.05
6.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.14
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	35.175	0.387	0.000	0.00	0.30
7.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.41
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.24
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.30
7.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	34.219	0.390	0.000	23.85	13.28
7.00	(4) #20 Dywidag	Yes	1.00	1.036	3.75	0.31	0.32	34.219	0.390	0.000	19.50	0.00
7.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	3.29
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	8.86
7.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	2.34
7.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.05
7.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.14
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.219	0.390	0.000	0.00	0.30
8.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.41
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.24
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.30
8.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	33.314	0.392	0.000	23.22	13.28
8.00	(4) #20 Dywidag	Yes	1.00	1.050	3.75	0.31	0.33	33.314	0.392	0.000	19.24	0.00
8.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	3.29
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	8.86
8.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	2.34
8.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.05
8.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.14
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.314	0.392	0.000	0.00	0.30
9.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.41
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.24
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.30
9.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	32.456	0.394	0.000	22.62	13.28
9.00	(4) #20 Dywidag	Yes	1.00	1.064	3.75	0.31	0.33	32.456	0.394	0.000	18.99	0.00
9.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	3.29
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	8.86
9.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	2.34
9.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.05
9.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.14
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.456	0.394	0.000	0.00	0.30
10.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.41
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.24

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:23 AM
 Page: 38



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Load Case: 0.9D + 1.6W **95.00 mph with No Ice (Reduced DL)** **31 Iterations**

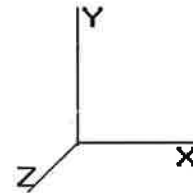
Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

10.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.30
10.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	31.644	0.396	0.000	22.05	13.28
10.00	(4) #20 Dywidag	Yes	1.00	1.077	3.75	0.31	0.34	31.644	0.396	0.000	18.75	0.00
10.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	3.29
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	8.86
10.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	2.34
10.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.05
10.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.14
10.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.644	0.396	0.000	0.00	0.30
11.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	0.41
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	0.24
11.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	0.30
11.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	30.874	0.399	0.000	21.52	13.28
11.00	(4) #20 Dywidag	Yes	1.00	1.091	3.75	0.31	0.34	30.874	0.399	0.000	18.52	0.00
11.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	3.29
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	8.86
11.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	2.34
11.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	0.05
11.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	0.14
11.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.874	0.399	0.000	0.00	0.30
12.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	0.41
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	0.24
12.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	0.30
12.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	30.144	0.401	0.000	21.01	13.28
12.00	(4) #20 Dywidag	Yes	1.00	1.104	3.75	0.31	0.34	30.144	0.401	0.000	18.30	0.00
12.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	3.29
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	8.86
12.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	2.34
12.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	0.05
12.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	0.14
12.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.144	0.401	0.000	0.00	0.30
13.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	0.41
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	0.24
13.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	0.30
13.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	29.452	0.403	0.000	20.53	13.28
13.00	(4) #20 Dywidag	Yes	1.00	1.117	3.75	0.31	0.35	29.452	0.403	0.000	18.09	0.00
13.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	3.29
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	8.86
13.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	2.34
13.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	0.05
13.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	0.14
13.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.452	0.403	0.000	0.00	0.30
14.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	0.41
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	0.24
14.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	0.30
14.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	28.795	0.406	0.000	20.07	13.28
14.00	(4) #20 Dywidag	Yes	1.00	1.129	3.75	0.31	0.35	28.795	0.406	0.000	17.88	0.00
14.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	3.29
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	8.86
14.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	2.34
14.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	0.05
14.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	0.14
14.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.795	0.406	0.000	0.00	0.30
15.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.41
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.24
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.30
15.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	28.172	0.408	0.000	19.63	13.28

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:24 AM
 Page : 39



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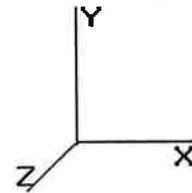
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

15.00	(4) #20 Dywidag	Yes	1.00	1.142	3.75	0.31	0.36	28.172	0.408	0.000	17.69	0.00
15.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	3.29
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	8.86
15.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	2.34
15.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.05
15.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.14
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.172	0.408	0.000	0.00	0.30
16.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.41
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.24
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.30
16.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	27.580	0.410	0.000	19.22	13.28
16.00	(4) #20 Dywidag	Yes	1.00	1.154	3.75	0.31	0.36	27.580	0.410	0.000	17.50	0.00
16.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	3.29
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	8.86
16.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	2.34
16.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.05
16.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.14
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.580	0.410	0.000	0.00	0.30
17.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.41
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.24
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.30
17.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	27.019	0.413	0.000	18.83	13.28
17.00	(4) #20 Dywidag	Yes	1.00	1.166	3.75	0.31	0.36	27.019	0.413	0.000	17.32	0.00
17.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	3.29
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	8.86
17.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	2.34
17.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.05
17.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.14
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	27.019	0.413	0.000	0.00	0.30
18.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.41
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.24
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.30
18.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	26.485	0.415	0.000	18.46	13.28
18.00	(4) #20 Dywidag	Yes	1.00	1.178	3.75	0.31	0.37	26.485	0.415	0.000	17.15	0.00
18.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	3.29
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	8.86
18.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	2.34
18.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.05
18.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.14
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	26.485	0.415	0.000	0.00	0.30
19.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.41
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.24
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.30
19.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	25.978	0.418	0.000	18.11	13.28
19.00	(4) #20 Dywidag	Yes	1.00	1.189	3.75	0.31	0.37	25.978	0.418	0.000	16.99	0.00
19.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	3.29
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	8.86
19.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	2.34
19.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.05
19.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.14
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.978	0.418	0.000	0.00	0.30
20.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.41
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.24
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.30
20.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	25.496	0.421	0.000	17.77	13.28
20.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	25.496	0.421	0.000	16.83	0.00
20.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.496	0.421	0.000	0.00	3.29

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:24 AM
 Page: 40



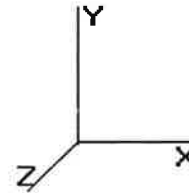
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Load Case: 0.9D + 1.6W **95.00 mph with No Ice (Reduced DL)** **31 Iterations**
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.496	0.421	0.000	0.00	8.86
20.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.496	0.421	0.000	0.00	2.34
20.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.05
20.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.14
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.496	0.421	0.000	0.00	0.30
21.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.037	0.423	0.000	0.00	0.41
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.037	0.423	0.000	0.00	0.24
21.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	25.037	0.423	0.000	0.00	0.30
21.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	25.037	0.423	0.000	17.45	13.28	
21.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	25.037	0.423	0.000	16.52	0.00	
21.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	25.037	0.423	0.000	0.00	3.29	
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.037	0.423	0.000	0.00	8.86	
21.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	25.037	0.423	0.000	0.00	2.34	
21.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.037	0.423	0.000	0.00	0.05	
21.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.037	0.423	0.000	0.00	0.14	
21.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	25.037	0.423	0.000	0.00	0.30	
22.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	0.41	
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	0.24	
22.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	0.30	
22.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	24.601	0.426	0.000	17.15	13.28	
22.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	24.601	0.426	0.000	16.24	0.00	
22.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	3.29	
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	8.86	
22.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	2.34	
22.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	0.05	
22.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	0.14	
22.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.601	0.426	0.000	0.00	0.30	
23.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	0.41	
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	0.24	
23.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	0.30	
23.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	24.186	0.428	0.000	16.86	13.28	
23.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	24.186	0.428	0.000	15.96	0.00	
23.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	3.29	
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	8.86	
23.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	2.34	
23.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	0.05	
23.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	0.14	
23.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	24.186	0.428	0.000	0.00	0.30	
24.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	0.41	
24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	0.24	
24.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	0.30	
24.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	23.792	0.431	0.000	16.58	13.28	
24.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	23.792	0.431	0.000	15.70	0.00	
24.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	3.29	
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	8.86	
24.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	2.34	
24.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	0.05	
24.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	0.14	
24.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.792	0.431	0.000	0.00	0.30	
25.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.41	
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.24	
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.30	
25.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	23.416	0.434	0.000	16.32	13.28	
25.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	23.416	0.434	0.000	15.45	0.00	
25.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	3.29	
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	8.86	
25.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	2.34	

Pole : 302481
Location : Hrfr - South, CT
Height : 110.0 (ft)
Base Dia : 30.00 (in)
Top Dia : 12.75 (in)
Shape : 12 Sides. Sect 4: Round
Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 4
Base Elev : 0.000 (ft)



6/6/2014 10:26:24 AM
Page: 41

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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations

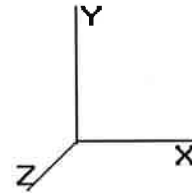
Gust Response Factor : 1.10 Wind Importance Factor : 1.00
Dead Load Factor : 0.90
Wind Load Factor : 1.60

25.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.05
25.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.14
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.416	0.434	0.000	0.00	0.30
26.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.41
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.24
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.30
26.00	(18) 1 5/8" Coax	Yes	1.00	0.600	7.92	0.66	0.40	23.058	0.437	0.000	16.07	13.28
26.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	23.058	0.437	0.000	15.22	0.00
26.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	3.29
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	8.86
26.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	2.34
26.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.05
26.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.14
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	23.058	0.437	0.000	0.00	0.30
27.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.41
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.24
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.30
27.00	(18) 1 5/8" Coax	Yes	1.00	0.602	7.92	0.66	0.40	22.717	0.439	0.000	15.89	13.28
27.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	22.717	0.439	0.000	14.99	0.00
27.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	3.29
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	8.86
27.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	2.34
27.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.05
27.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.14
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.717	0.439	0.000	0.00	0.30
28.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.41
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.24
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.30
28.00	(18) 1 5/8" Coax	Yes	1.00	0.606	7.92	0.66	0.40	22.393	0.442	0.000	15.77	13.28
28.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	22.393	0.442	0.000	14.78	0.00
28.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	3.29
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	8.86
28.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	2.34
28.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.05
28.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.14
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.393	0.442	0.000	0.00	0.30
29.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.41
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.24
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.30
29.00	(18) 1 5/8" Coax	Yes	1.00	0.611	7.92	0.66	0.40	22.083	0.445	0.000	15.66	13.28
29.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	22.083	0.445	0.000	14.58	0.00
29.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	3.29
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	8.86
29.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	2.34
29.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.05
29.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.14
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.083	0.445	0.000	0.00	0.30
29.33	(3) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.13
29.33	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.08
29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.10
29.33	(18) 1 5/8" Coax	Yes	0.33	0.612	7.92	0.22	0.13	21.985	0.447	0.000	5.16	4.38
29.33	(4) #20 Dywidag	Yes	0.33	1.200	3.75	0.10	0.12	21.985	0.447	0.000	4.79	0.00
29.33	(1) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	1.08
29.33	(12) 1 5/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	2.92
29.33	(2) 1 5/8" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.77
29.33	(1) 1/4" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.02
29.33	(2) 3/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.05

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:24 AM
 Page: 42



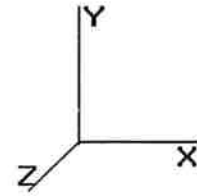
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Load Case: 0.9D + 1.6W **95.00 mph with No Ice (Reduced DL)** **31 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 0.90
Wind Load Factor : 1.60

29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	21.985	0.447	0.000	0.00	0.10
30.00	(3) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.27
30.00	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.16
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.20
30.00	(18) 1 5/8" Coax	Yes	0.67	0.614	7.92	0.44	0.27	21.807	0.448	0.000	10.43	8.90
30.00	(4) #20 Dywidag	Yes	0.67	1.200	3.75	0.21	0.25	21.807	0.448	0.000	9.64	0.00
30.00	(1) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	2.20
30.00	(12) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	5.93
30.00	(2) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	1.57
30.00	(1) 1/4" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.04
30.00	(2) 3/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.10
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	21.807	0.448	0.000	0.00	0.20
31.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.41
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.24
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.30
31.00	(18) 1 5/8" Coax	Yes	1.00	0.616	7.92	0.66	0.41	21.728	0.451	0.000	15.54	13.28
31.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.728	0.451	0.000	14.34	0.00
31.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	3.29
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	8.86
31.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	2.34
31.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.05
31.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.14
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.728	0.451	0.000	0.00	0.30
32.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.41
32.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.24
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.30
32.00	(18) 1 5/8" Coax	Yes	1.00	0.617	7.92	0.66	0.41	21.653	0.454	0.000	15.51	13.28
32.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.653	0.454	0.000	14.29	0.00
32.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	3.29
32.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	8.86
32.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	2.34
32.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.05
32.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.14
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.653	0.454	0.000	0.00	0.30
32.83	(3) 1/2" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.34
32.83	(6) 5/16" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.20
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.25
32.83	(18) 1 5/8" Coax	Yes	0.83	0.617	7.92	0.55	0.34	21.594	0.457	0.000	12.85	11.02
32.83	(4) #20 Dywidag	Yes	0.83	1.200	3.75	0.26	0.31	21.594	0.457	0.000	11.83	0.00
32.83	(1) 2" Conduit	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	2.73
32.83	(12) 1 5/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	7.35
32.83	(2) 1 5/8" Hybriflex	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	1.94
32.83	(1) 1/4" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.04
32.83	(2) 3/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.12
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	21.594	0.457	0.000	0.00	0.25
33.00	(3) 1/2" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.07
33.00	(6) 5/16" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.04
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.05
33.00	(18) 1 5/8" Coax	Yes	0.17	0.618	7.92	0.11	0.07	21.582	0.449	0.000	2.63	2.26
33.00	(4) #20 Dywidag	Yes	0.17	1.200	3.75	0.05	0.06	21.582	0.449	0.000	2.42	0.00
33.00	(1) 2" Conduit	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.56
33.00	(12) 1 5/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	1.51
33.00	(2) 1 5/8" Hybriflex	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.40
33.00	(1) 1/4" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.01
33.00	(2) 3/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.02
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	21.582	0.449	0.000	0.00	0.05
34.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.41

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:24 AM
 Page: 43

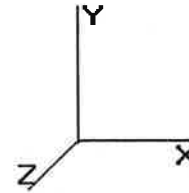
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Load Case: 0.9D + 1.6W **95.00 mph with No Ice (Reduced DL)** **31 Iterations**
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.24
34.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.30
34.00	(18) 1 5/8" Coax	Yes	1.00	0.619	7.92	0.66	0.41	21.514	0.451	0.000	0.00	15.46	13.28
34.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.514	0.451	0.000	0.00	14.20	0.00
34.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.00	3.29
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.00	8.86
34.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.00	2.34
34.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.00	0.05
34.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.00	0.14
34.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.514	0.451	0.000	0.00	0.00	0.30
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	0.41
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	0.24
35.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	0.30
35.00	(18) 1 5/8" Coax	Yes	1.00	0.620	7.92	0.66	0.41	21.449	0.454	0.000	0.00	15.44	13.28
35.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.449	0.454	0.000	0.00	14.16	0.00
35.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	3.29
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	8.86
35.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	2.34
35.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	0.05
35.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	0.14
35.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.449	0.454	0.000	0.00	0.00	0.30
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	0.41
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	0.24
36.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	0.30
36.00	(18) 1 5/8" Coax	Yes	1.00	0.620	7.92	0.66	0.41	21.389	0.457	0.000	0.00	15.41	13.28
36.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.389	0.457	0.000	0.00	14.12	0.00
36.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	3.29
36.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	8.86
36.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	2.34
36.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	0.05
36.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	0.14
36.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.389	0.457	0.000	0.00	0.00	0.30
37.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	0.41
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	0.24
37.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	0.30
37.00	(18) 1 5/8" Coax	Yes	1.00	0.621	7.92	0.66	0.41	21.331	0.460	0.000	0.00	15.39	13.28
37.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.331	0.460	0.000	0.00	14.08	0.00
37.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	3.29
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	8.86
37.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	2.34
37.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	0.05
37.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	0.14
37.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.331	0.460	0.000	0.00	0.00	0.30
38.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	0.41
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	0.24
38.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	0.30
38.00	(18) 1 5/8" Coax	Yes	1.00	0.622	7.92	0.66	0.41	21.278	0.463	0.000	0.00	15.37	13.28
38.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.278	0.463	0.000	0.00	14.04	0.00
38.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	3.29
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	8.86
38.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	2.34
38.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	0.05
38.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	0.14
38.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.278	0.463	0.000	0.00	0.00	0.30
39.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.00	0.41
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.00	0.24
39.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.00	0.30

Pole : 302481
 Location : Hrrr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



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Load Case: 0.9D + 1.6W **95.00 mph with No Ice (Reduced DL)** **31 Iterations**

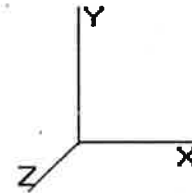
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 0.90
Wind Load Factor : 1.60

39.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.228	0.466	0.000	15.36	13.28
39.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.228	0.466	0.000	14.01	0.00
39.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	3.29
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	8.86
39.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	2.34
39.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.05
39.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.14
39.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.228	0.466	0.000	0.00	0.30
40.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.41
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.24
40.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.30
40.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.182	0.469	0.000	15.34	13.28
40.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.182	0.469	0.000	13.98	0.00
40.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	3.29
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	8.86
40.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	2.34
40.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.05
40.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.14
40.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.182	0.469	0.000	0.00	0.30
41.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.41
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.24
41.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.30
41.00	(18) 1 5/8" Coax	Yes	1.00	0.624	7.92	0.66	0.41	21.139	0.472	0.000	15.32	13.28
41.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.139	0.472	0.000	13.95	0.00
41.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	3.29
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	8.86
41.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	2.34
41.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.05
41.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.14
41.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.139	0.472	0.000	0.00	0.30
42.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.41
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.24
42.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.30
42.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.099	0.476	0.000	15.31	13.28
42.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.099	0.476	0.000	13.93	0.00
42.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	3.29
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	8.86
42.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	2.34
42.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.05
42.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.14
42.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.099	0.476	0.000	0.00	0.30
43.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.41
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.24
43.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.30
43.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.063	0.479	0.000	15.30	13.28
43.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.063	0.479	0.000	13.90	0.00
43.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	3.29
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	8.86
43.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	2.34
43.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.05
43.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.14
43.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.063	0.479	0.000	0.00	0.30
44.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.41
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.24
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.30
44.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.031	0.482	0.000	15.28	13.28
44.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.031	0.482	0.000	13.88	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:24 AM
 Page : 45



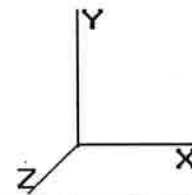
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Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

44.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	3.29
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	8.86
44.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	2.34
44.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.05
44.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.14
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.031	0.482	0.000	0.00	0.30
45.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.41
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.24
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.30
45.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.001	0.486	0.000	15.27	13.28
45.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.001	0.486	0.000	13.86	0.00
45.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	3.29
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	8.86
45.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	2.34
45.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.05
45.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.14
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.001	0.486	0.000	0.00	0.30
46.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.41
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.24
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.30
46.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.974	0.489	0.000	15.26	13.28
46.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.974	0.489	0.000	13.84	0.00
46.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	3.29
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	8.86
46.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	2.34
46.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.05
46.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.14
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.974	0.489	0.000	0.00	0.30
47.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.41
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.24
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.30
47.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.951	0.493	0.000	15.26	13.28
47.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.951	0.493	0.000	13.83	0.00
47.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	3.29
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	8.86
47.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	2.34
47.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.05
47.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.14
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.951	0.493	0.000	0.00	0.30
48.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.41
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.24
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.30
48.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.930	0.496	0.000	15.25	13.28
48.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.930	0.496	0.000	13.81	0.00
48.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	3.29
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	8.86
48.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	2.34
48.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.05
48.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.14
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.930	0.496	0.000	0.00	0.30
49.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.41
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.24
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.30
49.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.912	0.500	0.000	15.24	13.28
49.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.912	0.500	0.000	13.80	0.00
49.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	3.29
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.912	0.500	0.000	0.00	8.86

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



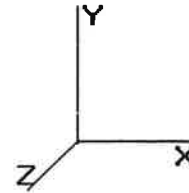
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

49.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.912	0.500	0.000	0.00	2.34
49.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.05
49.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.14
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.912	0.500	0.000	0.00	0.30
50.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.41
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.24
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.30
50.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.897	0.503	0.000	15.24	13.28	
50.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.897	0.503	0.000	13.79	0.00	
50.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	3.29	
50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	8.86	
50.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	2.34	
50.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.05	
50.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.14	
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.897	0.503	0.000	0.00	0.30	
51.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.41	
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.24	
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.30	
51.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.885	0.507	0.000	15.23	13.28	
51.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.885	0.507	0.000	13.78	0.00	
51.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	3.29	
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	8.86	
51.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	2.34	
51.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.05	
51.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.14	
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.885	0.507	0.000	0.00	0.30	
52.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.41	
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.24	
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.30	
52.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.875	0.511	0.000	15.23	13.28	
52.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.875	0.511	0.000	13.78	0.00	
52.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	3.29	
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	8.86	
52.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	2.34	
52.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.05	
52.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.14	
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.875	0.511	0.000	0.00	0.30	
53.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.41	
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.24	
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.30	
53.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.868	0.515	0.000	15.23	13.28	
53.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.868	0.515	0.000	13.77	0.00	
53.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	3.29	
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	8.86	
53.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	2.34	
53.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.05	
53.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.14	
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.868	0.515	0.000	0.00	0.30	
54.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.41	
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.24	
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.30	
54.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.863	0.519	0.000	15.22	13.28	
54.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.863	0.519	0.000	13.77	0.00	
54.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	3.29	
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	8.86	
54.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	2.34	
54.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.05	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:24 AM
 Page: 47



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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

31 Iterations

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

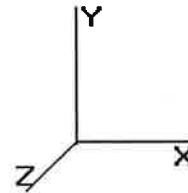
Wind Importance Factor : 1.00

54.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.14
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.519	0.000	0.00	0.30
55.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.41
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.24
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.30
55.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.861	0.522	0.000	15.22	13.28
55.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.861	0.522	0.000	13.77	0.00
55.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	3.29
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	8.86
55.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	2.34
55.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.05
55.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.14
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.522	0.000	0.00	0.30
56.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.41
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.24
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.30
56.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.861	0.526	0.000	15.22	13.28
56.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.861	0.526	0.000	13.77	0.00
56.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	3.29
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	8.86
56.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	2.34
56.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.05
56.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.14
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.861	0.526	0.000	0.00	0.30
57.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.41
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.24
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.30
57.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.863	0.531	0.000	15.22	13.28
57.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.863	0.531	0.000	13.77	0.00
57.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	3.29
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	8.86
57.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	2.34
57.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.05
57.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.14
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.863	0.531	0.000	0.00	0.30
58.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.41
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.24
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.30
58.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.867	0.535	0.000	15.22	13.28
58.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.867	0.535	0.000	13.77	0.00
58.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	3.29
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	8.86
58.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	2.34
58.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.05
58.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.14
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.867	0.535	0.000	0.00	0.30
59.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.41
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.24
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.30
59.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.873	0.539	0.000	15.23	13.28
59.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.873	0.539	0.000	13.78	0.00
59.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	3.29
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	8.86
59.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	2.34
59.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.05
59.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.14
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.873	0.539	0.000	0.00	0.30

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:24 AM
 Page: 48



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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

31 Iterations

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

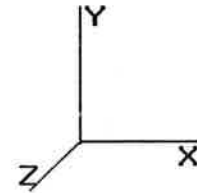
Wind Importance Factor : 1.00

60.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.41
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.24
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.30
60.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.881	0.543	0.000	15.23	13.28
60.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.881	0.543	0.000	13.78	0.00
60.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	3.29
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	8.86
60.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	2.34
60.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.05
60.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.14
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.881	0.543	0.000	0.00	0.30
61.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.41
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.24
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.30
61.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.891	0.547	0.000	15.23	13.28
61.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.891	0.547	0.000	13.79	0.00
61.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	3.29
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	8.86
61.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	2.34
61.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.05
61.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.14
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.891	0.547	0.000	0.00	0.30
62.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.41
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.24
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.30
62.00	(18) 1 5/8" Coax	Yes	1.00	0.628	7.92	0.66	0.41	20.903	0.552	0.000	15.24	13.28
62.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.903	0.552	0.000	13.80	0.00
62.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	3.29
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	8.86
62.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	2.34
62.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.05
62.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.14
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.903	0.552	0.000	0.00	0.30
62.92	(3) 1/2" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.37
62.92	(6) 5/16" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.22
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.27
62.92	(18) 1 5/8" Coax	Yes	0.92	0.627	7.92	0.60	0.38	20.915	0.556	0.000	13.97	12.17
62.92	(4) #20 Dywidag	Yes	0.92	1.200	3.75	0.29	0.34	20.915	0.556	0.000	12.65	0.00
62.92	(1) 2" Conduit	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	3.01
62.92	(12) 1 5/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	8.12
62.92	(2) 1 5/8" Hybriflex	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	2.14
62.92	(1) 1/4" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.05
62.92	(2) 3/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.13
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	20.915	0.556	0.000	0.00	0.27
63.00	(3) 1/2" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.03
63.00	(6) 5/16" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.02
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.02
63.00	(18) 1 5/8" Coax	Yes	0.08	0.627	7.92	0.06	0.03	20.916	0.558	0.000	1.27	1.11
63.00	(4) #20 Dywidag	Yes	0.08	1.200	3.75	0.03	0.03	20.916	0.558	0.000	1.15	0.00
63.00	(1) 2" Conduit	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.27
63.00	(12) 1 5/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.74
63.00	(2) 1 5/8" Hybriflex	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.20
63.00	(1) 1/4" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.00
63.00	(2) 3/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.01
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	20.916	0.558	0.000	0.00	0.02
64.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.41
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.24

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AI
 Page : 49



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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

Wind Load Factor : 1.60

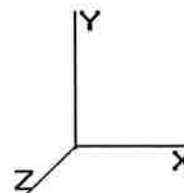
64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.30
64.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.932	0.561	0.000	15.25	13.28
64.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.932	0.561	0.000	13.81	0.00
64.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	3.29
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	8.86
64.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	2.34
64.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.05
64.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.14
64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.932	0.561	0.000	0.00	0.30
65.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.41
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.24
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.30
65.00	(18) 1 5/8" Coax	Yes	1.00	0.627	7.92	0.66	0.41	20.948	0.565	0.000	15.25	13.28
65.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.948	0.565	0.000	13.83	0.00
65.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	3.29
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	8.86
65.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	2.34
65.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.05
65.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.14
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.948	0.565	0.000	0.00	0.30
65.75	(3) 1/2" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.30
65.75	(6) 5/16" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.18
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.22
65.75	(18) 1 5/8" Coax	Yes	0.75	0.627	7.92	0.49	0.31	20.962	0.569	0.000	11.44	9.96
65.75	(4) #20 Dywidag	Yes	0.75	1.200	3.75	0.23	0.28	20.962	0.569	0.000	10.37	0.00
65.75	(1) 2" Conduit	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	2.46
65.75	(12) 1 5/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	6.64
65.75	(2) 1 5/8" Hybriflex	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	1.75
65.75	(1) 1/4" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.04
65.75	(2) 3/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.11
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	20.962	0.569	0.000	0.00	0.22
66.00	(3) 1/2" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.10
66.00	(6) 5/16" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.06
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.07
66.00	(18) 1 5/8" Coax	Yes	0.25	0.627	7.92	0.17	0.10	20.967	0.561	0.000	3.82	3.32
66.00	(4) #20 Dywidag	Yes	0.25	1.200	3.75	0.08	0.09	20.967	0.561	0.000	3.46	0.00
66.00	(1) 2" Conduit	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.82
66.00	(12) 1 5/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	2.21
66.00	(2) 1 5/8" Hybriflex	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.59
66.00	(1) 1/4" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.01
66.00	(2) 3/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.04
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	20.967	0.561	0.000	0.00	0.07
67.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.41
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.24
67.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.30
67.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	20.986	0.564	0.000	15.27	13.28
67.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	20.986	0.564	0.000	13.85	0.00
67.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	3.29
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	8.86
67.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	2.34
67.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.05
67.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.986	0.564	0.000	0.00	0.14
68.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.41
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.24
68.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.30
68.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.008	0.569	0.000	15.28	13.28
68.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.008	0.569	0.000	13.87	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM

Page: 50



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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

31 Iterations

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

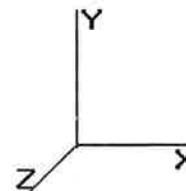
Wind Importance Factor : 1.00

68.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	3.29
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	8.86
68.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	2.34
68.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.05
68.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.008	0.569	0.000	0.00	0.14
69.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.41
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.24
69.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.30
69.00	(18) 1 5/8" Coax	Yes	1.00	0.626	7.92	0.66	0.41	21.030	0.573	0.000	15.28	13.28
69.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.030	0.573	0.000	13.88	0.00
69.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	3.29
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	8.86
69.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	2.34
69.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.05
69.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.030	0.573	0.000	0.00	0.14
70.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.41
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.24
70.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.30
70.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.054	0.578	0.000	15.29	13.28
70.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.054	0.578	0.000	13.90	0.00
70.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	3.29
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	8.86
70.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	2.34
70.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.05
70.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.054	0.578	0.000	0.00	0.14
71.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	0.41
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	0.24
71.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	0.30
71.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.079	0.583	0.000	15.30	13.28
71.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.079	0.583	0.000	13.91	0.00
71.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	3.29
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	8.86
71.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.079	0.583	0.000	0.00	2.34
72.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	0.41
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	0.24
72.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	0.30
72.00	(18) 1 5/8" Coax	Yes	1.00	0.625	7.92	0.66	0.41	21.105	0.588	0.000	15.31	13.28
72.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.105	0.588	0.000	13.93	0.00
72.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	3.29
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	8.86
72.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.105	0.588	0.000	0.00	2.34
73.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	0.41
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	0.24
73.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	0.30
73.00	(18) 1 5/8" Coax	Yes	1.00	0.624	7.92	0.66	0.41	21.133	0.593	0.000	15.32	13.28
73.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.133	0.593	0.000	13.95	0.00
73.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	3.29
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	8.86
73.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.133	0.593	0.000	0.00	2.34
74.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	0.41
74.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	0.24
74.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	0.30
74.00	(18) 1 5/8" Coax	Yes	1.00	0.624	7.92	0.66	0.41	21.161	0.598	0.000	15.33	13.28
74.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.161	0.598	0.000	13.97	0.00
74.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	3.29
74.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	8.86
74.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.161	0.598	0.000	0.00	2.34

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page : 51



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Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

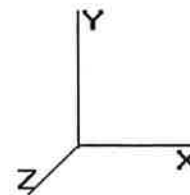
75.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	0.41
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	0.24
75.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	0.30
75.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.191	0.604	0.000	15.34	13.28
75.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.191	0.604	0.000	13.99	0.00
75.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	3.29
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	8.86
75.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.191	0.604	0.000	0.00	2.34
76.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	0.41
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	0.24
76.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	0.30
76.00	(18) 1 5/8" Coax	Yes	1.00	0.623	7.92	0.66	0.41	21.221	0.609	0.000	15.35	13.28
76.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.221	0.609	0.000	14.01	0.00
76.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	3.29
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	8.86
76.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.221	0.609	0.000	0.00	2.34
77.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	0.41
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	0.24
77.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	0.30
77.00	(18) 1 5/8" Coax	Yes	1.00	0.622	7.92	0.66	0.41	21.253	0.614	0.000	15.37	13.28
77.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.253	0.614	0.000	14.03	0.00
77.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	3.29
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	8.86
77.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.253	0.614	0.000	0.00	2.34
77.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	0.20
77.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	0.12
77.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	0.15
77.50	(18) 1 5/8" Coax	Yes	0.50	0.622	7.92	0.33	0.21	21.269	0.619	0.000	7.69	6.64
77.50	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.16	0.19	21.269	0.619	0.000	7.02	0.00
77.50	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	1.64
77.50	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	4.43
77.50	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	21.269	0.619	0.000	0.00	1.17
78.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	0.20
78.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	0.12
78.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	0.15
78.00	(18) 1 5/8" Coax	Yes	0.50	0.622	7.92	0.33	0.21	21.285	0.621	0.000	7.69	6.64
78.00	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.16	0.19	21.285	0.621	0.000	7.02	0.00
78.00	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	1.64
78.00	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	4.43
78.00	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	21.285	0.621	0.000	0.00	1.17
79.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	0.41
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	0.24
79.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	0.30
79.00	(18) 1 5/8" Coax	Yes	1.00	0.621	7.92	0.66	0.41	21.319	0.626	0.000	15.39	13.28
79.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.319	0.626	0.000	14.07	0.00
79.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	3.29
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	8.86
79.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.319	0.626	0.000	0.00	2.34
80.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	0.41
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	0.24
80.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	0.30
80.00	(18) 1 5/8" Coax	Yes	1.00	0.621	7.92	0.66	0.41	21.353	0.631	0.000	15.40	13.28
80.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.353	0.631	0.000	14.09	0.00
80.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	3.29
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	8.86
80.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	21.353	0.631	0.000	0.00	2.34
81.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.388	0.637	0.000	0.00	0.41

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM

Page: 52



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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

31 Iterations

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

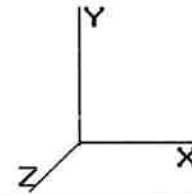
Wind Importance Factor : 1.00

81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.388	0.637	0.000	0.00	0.24
81.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.388	0.637	0.000	0.00	0.30
81.00	(18) 1 5/8" Coax	Yes	1.00	0.620	7.92	0.66	0.41	21.388	0.637	0.000	15.41	13.28
81.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	21.388	0.637	0.000	14.12	0.00
81.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	21.388	0.637	0.000	0.00	3.29
82.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.423	0.568	0.000	0.00	0.41
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.423	0.568	0.000	0.00	0.24
82.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.423	0.568	0.000	8.97	3.29
82.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.423	0.568	0.000	0.00	0.30
82.00	(18) 1 5/8" Coax	Yes	1.00	0.620	7.92	0.66	0.41	21.423	0.568	0.000	15.43	13.28
83.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.459	0.573	0.000	0.00	0.41
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.459	0.573	0.000	0.00	0.24
83.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.459	0.573	0.000	8.99	3.29
83.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.459	0.573	0.000	0.00	0.30
83.00	(18) 1 5/8" Coax	Yes	1.00	0.619	7.92	0.66	0.41	21.459	0.573	0.000	15.44	13.28
84.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.496	0.578	0.000	0.00	0.41
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.496	0.578	0.000	0.00	0.24
84.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.496	0.578	0.000	9.00	3.29
84.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.496	0.578	0.000	0.00	0.30
84.00	(18) 1 5/8" Coax	Yes	1.00	0.619	7.92	0.66	0.41	21.496	0.578	0.000	15.45	13.28
85.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.534	0.584	0.000	0.00	0.41
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.534	0.584	0.000	0.00	0.24
85.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.534	0.584	0.000	9.02	3.29
85.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.534	0.584	0.000	0.00	0.30
85.00	(18) 1 5/8" Coax	Yes	1.00	0.618	7.92	0.66	0.41	21.534	0.584	0.000	15.47	13.28
86.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.572	0.590	0.000	0.00	0.41
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.572	0.590	0.000	0.00	0.24
86.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.572	0.590	0.000	9.04	3.29
86.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.572	0.590	0.000	0.00	0.30
86.00	(18) 1 5/8" Coax	Yes	1.00	0.618	7.92	0.66	0.41	21.572	0.590	0.000	15.48	13.28
87.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.611	0.595	0.000	0.00	0.41
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.611	0.595	0.000	0.00	0.24
87.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.611	0.595	0.000	9.05	3.29
87.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.611	0.595	0.000	0.00	0.30
87.00	(18) 1 5/8" Coax	Yes	1.00	0.617	7.92	0.66	0.41	21.611	0.595	0.000	15.49	13.28
88.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.651	0.601	0.000	0.00	0.41
88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.651	0.601	0.000	0.00	0.24
88.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.651	0.601	0.000	9.07	3.29
88.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.651	0.601	0.000	0.00	0.30
88.00	(18) 1 5/8" Coax	Yes	1.00	0.617	7.92	0.66	0.41	21.651	0.601	0.000	15.51	13.28
89.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.690	0.607	0.000	0.00	0.41
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.690	0.607	0.000	0.00	0.24
89.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.690	0.607	0.000	9.09	3.29
89.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.690	0.607	0.000	0.00	0.30
89.00	(18) 1 5/8" Coax	Yes	1.00	0.616	7.92	0.66	0.41	21.690	0.607	0.000	15.52	13.28
89.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.711	0.612	0.000	0.00	0.20
89.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.711	0.612	0.000	0.00	0.12
89.50	(1) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	21.711	0.612	0.000	4.55	1.64
89.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.711	0.612	0.000	0.00	0.15
89.50	(18) 1 5/8" Coax	Yes	0.50	0.616	7.92	0.33	0.20	21.711	0.612	0.000	7.76	6.64
90.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.731	0.142	1.126	0.00	0.20
90.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.731	0.142	1.126	0.00	0.12
90.00	(1) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	21.731	0.142	1.126	0.00	1.64
90.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	21.731	0.142	1.126	0.00	0.15
91.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.772	0.143	1.130	0.00	0.41
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.772	0.143	1.130	0.00	0.24
91.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.772	0.143	1.130	0.00	3.29

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AI
 Page : 53



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Load Case: 0.9D + 1.6W

95.00 mph with No Ice (Reduced DL)

31 Iterations

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

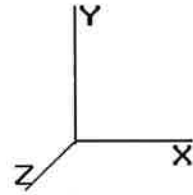
Wind Importance Factor : 1.00

91.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.772	0.143	1.130	0.00	0.30
92.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.813	0.145	1.134	0.00	0.41
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.813	0.145	1.134	0.00	0.24
92.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.813	0.145	1.134	0.00	3.29
92.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.813	0.145	1.134	0.00	0.30
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.855	0.146	1.138	0.00	0.41
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.855	0.146	1.138	0.00	0.24
93.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.855	0.146	1.138	0.00	3.29
93.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.855	0.146	1.138	0.00	0.30
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.897	0.148	1.143	0.00	0.41
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.897	0.148	1.143	0.00	0.24
94.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.897	0.148	1.143	0.00	3.29
94.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.897	0.148	1.143	0.00	0.30
95.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.939	0.149	1.148	0.00	0.41
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.939	0.149	1.148	0.00	0.24
95.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.939	0.149	1.148	0.00	3.29
95.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.939	0.149	1.148	0.00	0.30
96.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.982	0.151	1.153	0.00	0.41
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.982	0.151	1.153	0.00	0.24
96.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	21.982	0.151	1.153	0.00	3.29
96.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.982	0.151	1.153	0.00	0.30
97.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.025	0.153	1.158	0.00	0.41
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.025	0.153	1.158	0.00	0.24
97.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.025	0.153	1.158	0.00	3.29
98.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.068	0.154	1.163	0.00	0.41
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.068	0.154	1.163	0.00	0.24
98.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.068	0.154	1.163	0.00	3.29
99.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.112	0.156	1.168	0.00	0.41
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.112	0.156	1.168	0.00	0.24
99.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.112	0.156	1.168	0.00	3.29
100.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.156	0.158	1.173	0.00	0.40
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.156	0.158	1.173	0.00	0.24
100.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.156	0.158	1.173	0.00	3.28
101.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.200	0.187	1.260	0.00	0.41
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.200	0.187	1.260	0.00	0.24
101.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.200	0.187	1.260	0.00	3.29
102.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.244	0.187	1.260	0.00	0.41
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.244	0.187	1.260	0.00	0.24
102.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.244	0.187	1.260	0.00	3.29
103.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.289	0.187	1.260	0.00	0.41
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.289	0.187	1.260	0.00	0.24
103.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.289	0.187	1.260	0.00	3.29
104.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.334	0.187	1.260	0.00	0.41
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.334	0.187	1.260	0.00	0.24
104.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.334	0.187	1.260	0.00	3.29
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.379	0.187	1.260	0.00	0.41
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.379	0.187	1.260	0.00	0.24
105.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.379	0.187	1.260	0.00	3.29
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.424	0.187	1.260	0.00	0.41
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.424	0.187	1.260	0.00	0.24
106.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.424	0.187	1.260	0.00	3.29
107.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.469	0.187	1.260	0.00	0.41
107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.469	0.187	1.260	0.00	0.24
107.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.469	0.187	1.260	0.00	3.29
108.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.514	0.187	1.260	0.00	0.41
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.514	0.187	1.260	0.00	0.24
108.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.514	0.187	1.260	0.00	3.29

Pole : 302481
Location : Hrfr - South, CT
Height : 110.0 (ft)
Base Dia : 30.00 (in)
Top Dia : 12.75 (in)
Shape : 12 Sides. Sect 4: Round
Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 4
Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page: 54



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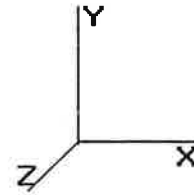
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

109.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.560	0.187	1.260	0.00	0.41
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.560	0.187	1.260	0.00	0.24
109.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.560	0.187	1.260	0.00	3.29
110.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.605	0.187	1.260	0.00	0.41
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	22.605	0.187	1.260	0.00	0.24
110.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	22.605	0.187	1.260	0.00	3.29
Totals:											2,600.52	2,433.04

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page: 55



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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 0.90
 Wind Load Factor : 1.60

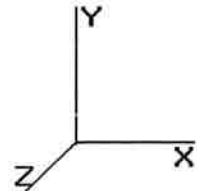
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	185.55	139.94	0.00	0.00
2.00	178.82	139.54	0.00	0.00
3.00	172.46	139.13	0.00	0.00
4.00	166.46	138.73	0.00	0.00
5.00	160.79	138.33	0.00	0.00
6.00	230.79	183.93	0.00	0.00
7.00	223.76	183.52	0.00	0.00
8.00	217.10	183.12	0.00	0.00
9.00	210.79	182.72	0.00	0.00
10.00	204.81	182.31	0.00	0.00
11.00	199.13	181.91	0.00	0.00
12.00	193.74	181.51	0.00	0.00
13.00	188.62	181.10	0.00	0.00
14.00	183.76	180.70	0.00	0.00
15.00	179.13	180.29	0.00	0.00
16.00	174.73	179.89	0.00	0.00
17.00	170.54	179.49	0.00	0.00
18.00	166.56	179.08	0.00	0.00
19.00	162.75	178.68	0.00	0.00
20.00	159.13	178.28	0.00	0.00
21.00	155.52	177.87	0.00	0.00
22.00	152.08	177.47	0.00	0.00
23.00	148.79	177.06	0.00	0.00
24.00	145.65	176.66	0.00	0.00
25.00	142.65	176.26	0.00	0.00
26.00	139.79	175.85	0.00	0.00
27.00	137.10	175.45	0.00	0.00
28.00	134.58	175.05	0.00	0.00
29.00	132.17	174.64	0.00	0.00
29.33	43.28	57.53	0.00	0.00
30.00	88.35	158.66	0.00	0.00
31.00	130.86	236.10	0.00	0.00
32.00	129.78	235.29	0.00	0.00
32.83	106.94	194.65	0.00	0.00
33.00	21.85	29.61	0.00	0.00
34.00	127.71	173.86	0.00	0.00
35.00	126.71	173.45	0.00	0.00
36.00	125.74	173.05	0.00	0.00
37.00	124.79	172.65	0.00	0.00
38.00	123.86	172.24	0.00	0.00
39.00	122.95	171.84	0.00	0.00
40.00	122.07	171.43	0.00	0.00
41.00	121.21	171.03	0.00	0.00
42.00	120.37	170.63	0.00	0.00
43.00	119.55	170.22	0.00	0.00
44.00	118.74	169.82	0.00	0.00
45.00	117.96	169.42	0.00	0.00
46.00	117.19	169.01	0.00	0.00
47.00	116.45	168.61	0.00	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page : 57



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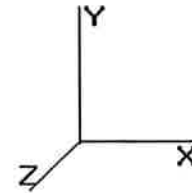
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

101.0	24.91	48.58	0.00	0.00
102.0	24.96	48.58	0.00	0.00
103.0	25.01	48.58	0.00	0.00
104.0	25.06	48.58	0.00	0.00
105.0	25.11	48.58	0.00	0.00
106.0	25.16	48.58	0.00	0.00
107.0	25.21	48.58	0.00	0.00
108.0	25.26	48.58	0.00	0.00
109.0	25.31	48.58	0.00	0.00
110.0	1,373.14	852.10	0.00	0.00
Totals:	23,097.24	21,690.42	0.00	5,523.90

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page: 58



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Load Case: 0.9D + 1.6W 95.00 mph with No Ice (Reduced DL) 31 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 0.90

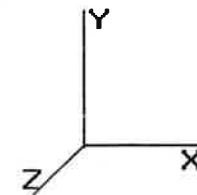
Wind Load Factor : 1.60

Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-21.67	-23.11	0.00	-1,563.81	0.00	1,563.81	1,564.13	782.07	1,919.99	948.21	0.00	0.00	0.744
1.00	-21.51	-22.95	0.00	-1,540.70	0.00	1,540.70	1,559.62	779.81	1,903.83	940.23	0.01	-0.07	0.736
2.00	-21.34	-22.80	0.00	-1,517.74	0.00	1,517.74	1,555.07	777.54	1,887.68	932.25	0.03	-0.15	0.729
3.00	-21.17	-22.65	0.00	-1,494.94	0.00	1,494.94	1,550.48	775.24	1,871.54	924.28	0.07	-0.22	0.721
4.00	-21.00	-22.51	0.00	-1,472.29	0.00	1,472.29	1,545.83	772.92	1,855.40	916.31	0.13	-0.29	0.713
5.00	-20.84	-22.38	0.00	-1,449.77	0.00	1,449.77	1,541.15	770.57	1,839.28	908.35	0.19	-0.36	0.705
6.00	-20.63	-22.17	0.00	-1,427.40	0.00	1,427.40	1,536.41	768.21	1,823.16	900.39	0.28	-0.43	0.697
7.00	-20.42	-21.97	0.00	-1,405.22	0.00	1,405.22	1,531.63	765.82	1,807.05	892.44	0.38	-0.51	0.689
8.00	-20.21	-21.78	0.00	-1,383.25	0.00	1,383.25	1,526.81	763.40	1,790.96	884.49	0.49	-0.58	0.681
9.00	-20.00	-21.59	0.00	-1,361.47	0.00	1,361.47	1,521.94	760.97	1,774.88	876.55	0.62	-0.65	0.674
10.00	-19.80	-21.41	0.00	-1,339.88	0.00	1,339.88	1,517.03	758.51	1,758.81	868.61	0.76	-0.72	0.666
11.00	-19.59	-21.23	0.00	-1,318.47	0.00	1,318.47	1,512.06	756.03	1,742.76	860.68	0.92	-0.79	0.658
12.00	-19.39	-21.06	0.00	-1,297.24	0.00	1,297.24	1,507.06	753.53	1,726.72	852.76	1.10	-0.86	0.651
13.00	-19.18	-20.89	0.00	-1,276.18	0.00	1,276.18	1,502.01	751.00	1,710.70	844.85	1.29	-0.93	0.643
14.00	-18.98	-20.73	0.00	-1,255.29	0.00	1,255.29	1,496.91	748.46	1,694.70	836.95	1.49	-1.00	0.635
15.00	-18.78	-20.57	0.00	-1,234.57	0.00	1,234.57	1,491.77	745.88	1,678.72	829.05	1.71	-1.07	0.628
16.00	-18.58	-20.41	0.00	-1,214.00	0.00	1,214.00	1,486.58	743.29	1,662.75	821.17	1.94	-1.14	0.620
17.00	-18.38	-20.26	0.00	-1,193.59	0.00	1,193.59	1,481.35	740.67	1,646.81	813.30	2.18	-1.21	0.612
18.00	-18.18	-20.11	0.00	-1,173.33	0.00	1,173.33	1,476.07	738.04	1,630.88	805.43	2.45	-1.28	0.605
19.00	-17.98	-19.97	0.00	-1,153.22	0.00	1,153.22	1,470.75	735.37	1,614.98	797.58	2.72	-1.35	0.597
20.00	-17.78	-19.82	0.00	-1,133.25	0.00	1,133.25	1,465.38	732.69	1,599.10	789.74	3.01	-1.41	0.590
21.00	-17.58	-19.68	0.00	-1,113.43	0.00	1,113.43	1,459.96	729.98	1,583.25	781.91	3.32	-1.48	0.582
22.00	-17.39	-19.55	0.00	-1,093.74	0.00	1,093.74	1,454.50	727.25	1,567.42	774.09	3.63	-1.55	0.574
23.00	-17.19	-19.42	0.00	-1,074.19	0.00	1,074.19	1,449.00	724.50	1,551.61	766.28	3.97	-1.62	0.567
24.00	-17.00	-19.28	0.00	-1,054.78	0.00	1,054.78	1,443.45	721.72	1,535.83	758.49	4.31	-1.68	0.559
25.00	-16.80	-19.16	0.00	-1,035.49	0.00	1,035.49	1,437.85	718.92	1,520.08	750.71	4.67	-1.75	0.552
26.00	-16.61	-19.03	0.00	-1,016.34	0.00	1,016.34	1,432.21	716.10	1,504.36	742.95	5.05	-1.82	0.544
27.00	-16.42	-18.91	0.00	-997.31	0.00	997.31	1,426.52	713.26	1,488.67	735.20	5.44	-1.88	0.537
28.00	-16.23	-18.78	0.00	-978.40	0.00	978.40	1,420.79	710.39	1,473.01	727.46	5.84	-1.95	0.529
29.00	-16.04	-18.66	0.00	-959.62	0.00	959.62	1,415.01	707.51	1,457.38	719.74	6.25	-2.02	0.521
29.33	-15.97	-18.62	0.00	-953.46	0.00	953.46	1,413.09	706.55	1,452.23	717.20	6.39	-2.04	0.519
30.00	-15.80	-18.54	0.00	-940.99	0.00	940.99	1,409.19	704.59	1,441.78	712.04	6.68	-2.08	0.504
31.00	-15.55	-18.42	0.00	-922.44	0.00	922.44	1,403.32	701.66	1,426.22	704.35	7.13	-2.14	0.497
32.00	-15.30	-18.30	0.00	-904.02	0.00	904.02	1,397.40	698.70	1,410.69	696.68	7.58	-2.21	0.489
32.83	-15.10	-18.19	0.00	-888.84	0.00	888.84	1,130.07	565.03	1,157.93	571.86	7.97	-2.26	0.605
33.00	-15.06	-18.18	0.00	-885.74	0.00	885.74	1,129.20	564.60	1,155.73	570.77	8.05	-2.27	0.604
34.00	-14.87	-18.06	0.00	-867.57	0.00	867.57	1,124.06	562.03	1,142.81	564.39	8.54	-2.33	0.595
35.00	-14.69	-17.94	0.00	-849.51	0.00	849.51	1,119.12	559.56	1,130.16	558.15	9.03	-2.39	0.585
36.00	-14.50	-17.82	0.00	-831.57	0.00	831.57	1,111.65	555.82	1,115.04	550.68	9.54	-2.45	0.577
37.00	-14.32	-17.71	0.00	-813.74	0.00	813.74	1,104.17	552.09	1,100.02	543.26	10.06	-2.51	0.569
38.00	-14.13	-17.59	0.00	-796.04	0.00	796.04	1,096.70	548.35	1,085.11	535.89	10.59	-2.57	0.561
39.00	-13.95	-17.47	0.00	-778.45	0.00	778.45	1,089.22	544.61	1,070.29	528.58	11.14	-2.63	0.553
40.00	-13.76	-17.36	0.00	-760.98	0.00	760.98	1,081.75	540.87	1,055.58	521.31	11.69	-2.69	0.544
41.00	-13.58	-17.24	0.00	-743.62	0.00	743.62	1,074.28	537.14	1,040.96	514.09	12.26	-2.74	0.536
42.00	-13.40	-17.13	0.00	-726.38	0.00	726.38	1,066.80	533.40	1,026.45	506.93	12.84	-2.80	0.528
43.00	-13.22	-17.01	0.00	-709.26	0.00	709.26	1,059.33	529.66	1,012.05	499.81	13.44	-2.86	0.519
44.00	-13.04	-16.90	0.00	-692.25	0.00	692.25	1,051.85	525.93	997.74	492.75	14.04	-2.91	0.510
45.00	-12.86	-16.78	0.00	-675.35	0.00	675.35	1,044.38	522.19	983.54	485.73	14.66	-2.97	0.502
46.00	-12.68	-16.67	0.00	-658.57	0.00	658.57	1,036.90	518.45	969.43	478.77	15.29	-3.02	0.493
47.00	-12.50	-16.55	0.00	-641.90	0.00	641.90	1,029.43	514.72	955.43	471.85	15.92	-3.08	0.484
47.00	-12.50	-16.55	0.00	-641.90	0.00	641.90	1,029.43	514.72	955.43	471.85	15.92	-3.08	0.484

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:25 AM
 Page : 59

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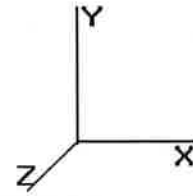
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

48.00	-12.33	-16.44	0.00	-625.35	0.00	625.35	1,021.96	510.98	941.53	464.99	16.58	-3.13	0.476
49.00	-12.15	-16.33	0.00	-608.91	0.00	608.91	1,014.48	507.24	927.74	458.17	17.24	-3.18	0.467
50.00	-11.97	-16.22	0.00	-592.58	0.00	592.58	1,007.01	503.50	914.04	451.41	17.91	-3.24	0.458
51.00	-11.80	-16.10	0.00	-576.36	0.00	576.36	999.53	499.77	900.45	444.70	18.59	-3.29	0.449
52.00	-11.63	-15.99	0.00	-560.26	0.00	560.26	992.06	496.03	886.96	438.03	19.29	-3.34	0.440
53.00	-11.45	-15.88	0.00	-544.27	0.00	544.27	984.59	492.29	873.57	431.42	19.99	-3.39	0.430
54.00	-11.28	-15.77	0.00	-528.39	0.00	528.39	977.11	488.56	860.28	424.86	20.71	-3.44	0.421
55.00	-11.11	-15.66	0.00	-512.62	0.00	512.62	969.64	484.82	847.09	418.35	21.43	-3.49	0.412
56.00	-10.94	-15.55	0.00	-496.96	0.00	496.96	962.16	481.08	834.01	411.89	22.17	-3.54	0.402
57.00	-10.77	-15.43	0.00	-481.42	0.00	481.42	954.69	477.34	821.03	405.47	22.92	-3.58	0.393
58.00	-10.60	-15.32	0.00	-465.98	0.00	465.98	947.21	473.61	808.15	399.11	23.67	-3.63	0.383
59.00	-10.43	-15.21	0.00	-450.66	0.00	450.66	939.74	469.87	795.37	392.80	24.44	-3.68	0.374
60.00	-10.26	-15.10	0.00	-435.45	0.00	435.45	932.27	466.13	782.69	386.54	25.21	-3.72	0.364
61.00	-10.10	-14.99	0.00	-420.34	0.00	420.34	924.79	462.40	770.12	380.33	26.00	-3.77	0.354
62.00	-9.93	-14.88	0.00	-405.35	0.00	405.35	917.32	458.66	757.64	374.17	26.79	-3.81	0.344
62.92	-9.78	-14.78	0.00	-391.71	0.00	391.71	910.47	455.23	746.30	368.57	27.53	-3.85	0.335
63.00	-9.76	-14.77	0.00	-390.48	0.00	390.48	909.84	454.92	745.27	368.06	27.59	-3.85	0.328
64.00	-9.56	-14.66	0.00	-375.70	0.00	375.70	902.37	451.18	733.00	362.00	28.41	-3.89	0.318
65.00	-9.36	-14.55	0.00	-361.05	0.00	361.05	894.90	447.45	720.83	355.99	29.22	-3.93	0.308
65.75	-9.21	-14.46	0.00	-350.14	0.00	350.14	664.38	332.19	545.54	269.42	29.84	-3.96	0.335
66.00	-9.17	-14.35	0.00	-346.36	0.00	346.36	663.47	331.74	543.67	268.50	30.05	-3.97	0.332
67.00	-9.02	-14.24	0.00	-332.01	0.00	332.01	659.85	329.93	536.21	264.81	30.89	-4.01	0.320
68.00	-8.87	-14.13	0.00	-317.77	0.00	317.77	656.20	328.10	528.77	261.14	31.73	-4.05	0.308
69.00	-8.72	-14.03	0.00	-303.63	0.00	303.63	652.52	326.26	521.36	257.48	32.59	-4.09	0.295
70.00	-8.55	-13.66	0.00	-289.61	0.00	289.61	648.81	324.40	513.97	253.83	33.45	-4.13	0.283
71.00	-8.40	-13.55	0.00	-275.94	0.00	275.94	645.07	322.53	506.61	250.20	34.31	-4.16	0.271
72.00	-8.25	-13.44	0.00	-262.39	0.00	262.39	641.29	320.65	499.28	246.58	35.19	-4.20	0.259
73.00	-7.69	-12.54	0.00	-248.21	0.00	248.21	637.49	318.74	491.98	242.97	36.07	-4.23	0.246
74.00	-7.54	-12.44	0.00	-235.66	0.00	235.66	633.65	316.83	484.70	239.37	36.96	-4.26	0.235
75.00	-7.40	-12.33	0.00	-223.23	0.00	223.23	629.79	314.89	477.45	235.80	37.86	-4.29	0.224
76.00	-7.25	-12.22	0.00	-210.90	0.00	210.90	624.49	312.24	469.18	231.71	38.76	-4.32	0.213
77.00	-7.11	-12.11	0.00	-198.68	0.00	198.68	618.88	309.44	460.75	227.55	39.67	-4.35	0.202
77.50	-7.04	-12.06	0.00	-192.63	0.00	192.63	616.08	308.04	456.57	225.48	40.12	-4.36	0.197
77.50	-7.04	-12.06	0.00	-192.63	0.00	192.63	616.08	308.04	456.57	225.48	40.12	-4.36	0.867
78.00	-6.99	-12.01	0.00	-186.60	0.00	186.60	613.28	306.64	452.40	223.42	40.58	-4.38	0.848
79.00	-6.89	-11.92	0.00	-174.59	0.00	174.59	607.67	303.83	444.12	219.34	41.51	-4.49	0.809
80.00	-5.91	-8.85	0.00	-162.67	0.00	162.67	602.06	301.03	435.93	215.29	42.46	-4.60	0.766
81.00	-5.84	-8.75	0.00	-153.82	0.00	153.82	596.46	298.23	427.80	211.28	43.44	-4.71	0.739
82.00	-5.76	-8.67	0.00	-145.07	0.00	145.07	590.85	295.43	419.76	207.30	44.43	-4.82	0.710
83.00	-5.69	-8.58	0.00	-136.40	0.00	136.40	585.25	292.62	411.79	203.37	45.45	-4.92	0.681
84.00	-5.62	-8.49	0.00	-127.82	0.00	127.82	579.64	289.82	403.90	199.47	46.49	-5.01	0.651
85.00	-5.55	-8.40	0.00	-119.33	0.00	119.33	574.04	287.02	396.08	195.61	47.55	-5.11	0.621
86.00	-5.48	-8.31	0.00	-110.93	0.00	110.93	568.43	284.22	388.34	191.79	48.63	-5.20	0.589
87.00	-5.41	-8.23	0.00	-102.62	0.00	102.62	562.82	281.41	380.67	188.00	49.73	-5.28	0.556
88.00	-5.34	-8.14	0.00	-94.39	0.00	94.39	557.22	278.61	373.09	184.25	50.84	-5.37	0.523
89.00	-5.28	-8.05	0.00	-86.25	0.00	86.25	551.61	275.81	365.58	180.54	51.97	-5.44	0.488
89.50	-3.83	-6.17	0.00	-81.19	0.00	81.19	548.81	274.41	361.85	178.70	52.54	-5.48	0.462
90.00	-3.80	-6.15	0.00	-78.10	0.00	78.10	546.01	273.00	358.14	176.87	53.12	-5.52	0.449
91.00	-3.75	-6.09	0.00	-71.96	0.00	71.96	540.40	270.20	350.78	173.24	54.28	-5.58	0.423
92.00	-3.70	-6.04	0.00	-65.86	0.00	65.86	534.80	267.40	343.50	169.64	55.46	-5.65	0.396
93.00	-3.65	-5.99	0.00	-59.82	0.00	59.82	529.19	264.60	336.30	166.08	56.64	-5.71	0.368
94.00	-3.60	-5.93	0.00	-53.83	0.00	53.83	523.59	261.79	329.17	162.56	57.84	-5.77	0.339
95.00	-3.55	-5.88	0.00	-47.90	0.00	47.90	517.98	258.99	322.11	159.08	59.06	-5.82	0.308
96.00	-3.49	-5.71	0.00	-41.89	0.00	41.89	512.37	256.19	315.14	155.63	60.28	-5.87	0.276
97.00	-3.45	-5.66	0.00	-36.19	0.00	36.19	506.77	253.38	308.24	152.23	61.51	-5.91	0.245
98.00	-3.40	-5.60	0.00	-30.53	0.00	30.53	501.16	250.58	301.41	148.86	62.75	-5.95	0.212
99.00	-3.36	-5.55	0.00	-24.93	0.00	24.93	495.56	247.78	294.67	145.52	64.00	-5.98	0.179

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page: 60



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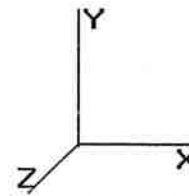
Load Case: 0.9D + 1.6W	95.00 mph with No Ice (Reduced DL)	31 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 0.90		
Wind Load Factor : 1.60		

100.00	-1.11	-1.73	0.00	-15.91	0.00	15.91	489.95	244.98	288.00	142.23	65.25	-6.01	0.114
100.00	-1.11	-1.73	0.00	-15.91	0.00	15.91	459.24	229.62	229.69	150.79	65.25	-6.01	0.108
101.00	-1.07	-1.70	0.00	-14.19	0.00	14.19	459.24	229.62	229.69	150.79	66.51	-6.03	0.096
102.00	-1.02	-1.67	0.00	-12.49	0.00	12.49	459.24	229.62	229.69	150.79	67.77	-6.04	0.085
103.00	-0.98	-1.64	0.00	-10.82	0.00	10.82	459.24	229.62	229.69	150.79	69.04	-6.05	0.074
104.00	-0.93	-1.61	0.00	-9.19	0.00	9.19	459.24	229.62	229.69	150.79	70.30	-6.06	0.063
105.00	-0.88	-1.58	0.00	-7.58	0.00	7.58	459.24	229.62	229.69	150.79	71.57	-6.07	0.052
106.00	-0.84	-1.55	0.00	-6.00	0.00	6.00	459.24	229.62	229.69	150.79	72.84	-6.08	0.042
107.00	-0.79	-1.52	0.00	-4.46	0.00	4.46	459.24	229.62	229.69	150.79	74.11	-6.08	0.031
108.00	-0.75	-1.49	0.00	-2.94	0.00	2.94	459.24	229.62	229.69	150.79	75.38	-6.09	0.021
109.00	-0.70	-1.46	0.00	-1.46	0.00	1.46	459.24	229.62	229.69	150.79	76.66	-6.09	0.011
110.00	0.00	-1.37	0.00	0.00	0.00	0.00	459.24	229.62	229.69	150.79	77.93	-6.09	0.000

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page: 61



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 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

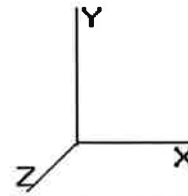
Shaft Segment Forces (Factored)

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		2.74	0.70	11.685	12.85	0.000	1.200	0.000	0.00	0.000	0.00	0.0	0.0	0.0
1.00		2.65	0.70	11.314	12.44	0.000	1.200	* 1.985	1.00	2.912	3.49	43.5	81.7	246.0
2.00		2.57	0.70	10.964	12.06	0.000	1.200	* 2.104	1.00	2.918	3.50	42.2	86.5	250.3
3.00		2.49	0.70	10.633	11.69	0.000	1.200	* 2.168	1.00	2.914	3.50	40.9	88.8	252.1
4.00		2.42	0.70	10.320	11.35	0.000	1.200	* 2.208	1.00	2.907	3.49	39.6	90.1	252.8
5.00		2.35	0.70	10.024	11.02	0.000	1.200	* 2.235	1.00	2.897	3.48	38.3	90.8	253.0
6.00		2.28	0.70	9.744	10.71	0.000	1.200	* 2.254	1.00	2.886	3.46	37.1	91.1	252.8
7.00		2.22	0.70	9.479	10.42	0.000	1.200	* 2.267	1.00	2.874	3.45	36.0	91.2	252.3
8.00		2.16	0.70	9.228	10.15	0.000	1.200	* 2.276	1.00	2.862	3.43	34.9	91.1	251.7
9.00		2.11	0.70	8.991	9.890	0.000	1.200	* 2.282	1.00	2.848	3.42	33.8	90.9	250.9
10.00		2.06	0.70	8.766	9.642	0.000	1.200	* 2.286	1.00	2.835	3.40	32.8	90.6	250.1
11.00		2.00	0.70	8.552	9.408	0.000	1.200	* 2.288	1.00	2.821	3.39	31.8	90.2	249.1
12.00		1.96	0.70	8.350	9.185	0.000	1.200	* 2.288	1.00	2.807	3.37	30.9	89.7	248.1
13.00		1.91	0.70	8.158	8.974	0.000	1.200	* 2.288	1.00	2.793	3.35	30.1	89.2	247.1
14.00		1.87	0.70	7.977	8.774	0.000	1.200	* 2.287	1.00	2.779	3.33	29.3	88.7	246.0
15.00		1.83	0.70	7.804	8.584	0.000	1.200	* 2.285	1.00	2.764	3.32	28.5	88.1	244.9
16.00		1.79	0.70	7.640	8.404	0.000	1.200	* 2.283	1.00	2.750	3.30	27.7	87.6	243.8
17.00		1.75	0.70	7.484	8.233	0.000	1.200	* 2.280	1.00	2.735	3.28	27.0	87.0	242.7
18.00		1.72	0.70	7.337	8.070	0.000	1.200	* 2.278	1.00	2.721	3.26	26.3	86.4	241.5
19.00		1.69	0.70	7.196	7.916	0.000	1.200	* 2.274	1.00	2.706	3.25	25.7	85.8	240.4
20.00		1.65	0.70	7.062	7.769	0.000	1.200	* 2.271	1.00	2.691	3.23	25.1	85.1	239.2
21.00		1.63	0.70	6.935	7.629	0.000	1.200	* 2.268	1.00	2.677	3.21	24.5	84.5	238.1
22.00		1.60	0.70	6.815	7.496	0.000	1.200	* 2.265	1.00	2.662	3.19	23.9	83.9	236.9
23.00		1.57	0.70	6.700	7.370	0.000	1.200	* 2.261	1.00	2.647	3.18	23.4	83.3	235.8
24.00		1.54	0.70	6.590	7.250	0.000	1.200	* 2.258	1.00	2.632	3.16	22.9	82.7	234.6
25.00		1.52	0.70	6.486	7.135	0.000	1.200	* 2.254	1.00	2.618	3.14	22.4	82.1	233.5
26.00		1.50	0.70	6.387	7.026	0.000	1.200	* 2.251	1.00	2.603	3.12	21.9	81.5	232.3
27.00		1.47	0.70	6.293	6.922	0.000	1.200	* 2.248	1.00	2.588	3.11	21.5	80.9	231.2
28.00		1.45	0.70	6.203	6.823	0.000	1.200	* 2.245	1.00	2.574	3.09	21.1	80.3	230.1
29.00		1.43	0.70	6.117	6.729	0.000	1.200	* 2.242	1.00	2.559	3.07	20.7	79.7	228.9
29.33	Bot - Section 2	1.43	0.70	6.090	6.699	0.000	1.200	* 2.241	0.33	0.841	1.01	6.8	26.2	75.3
30.00		1.41	0.70	6.041	6.645	0.000	1.200	* 2.239	0.67	1.732	2.08	13.8	54.0	209.5
31.00		1.40	0.70	6.019	6.621	0.000	1.200	* 2.236	1.00	2.573	3.09	20.4	80.0	311.1
32.00		1.38	0.71	5.998	6.598	0.000	1.200	* 2.233	1.00	2.559	3.07	20.3	79.4	309.5
32.83	Top - Section 1	1.36	0.71	5.982	6.580	0.000	1.200	* 2.231	0.83	2.112	2.53	16.7	65.5	255.6
33.00		1.36	0.72	5.978	6.576	0.000	1.200	* 2.231	0.17	0.432	0.52	3.4	13.4	38.7
34.00		1.35	0.72	5.959	6.555	0.000	1.200	* 2.228	1.00	2.529	3.04	19.9	78.2	226.4
35.00		1.33	0.73	5.942	6.536	0.000	1.200	* 2.226	1.00	2.515	3.02	19.7	77.7	225.3
36.00		1.32	0.73	5.925	6.517	0.000	1.200	* 2.224	1.00	2.500	3.00	19.6	77.1	224.2
37.00		1.30	0.74	5.909	6.500	0.000	1.200	* 2.221	1.00	2.486	2.98	19.4	76.6	223.2
38.00		1.29	0.75	5.894	6.484	0.000	1.200	* 2.220	1.00	2.471	2.97	19.2	76.0	222.1
39.00		1.28	0.75	5.880	6.468	0.000	1.200	* 2.218	1.00	2.457	2.95	19.1	75.5	221.0
40.00		1.26	0.76	5.868	6.454	0.000	1.200	* 2.216	1.00	2.443	2.93	18.9	75.0	219.9
41.00		1.25	0.76	5.856	6.441	0.000	1.200	* 2.214	1.00	2.428	2.91	18.8	74.4	218.9
42.00		1.24	0.77	5.845	6.429	0.000	1.200	* 2.213	1.00	2.414	2.90	18.6	73.9	217.8
43.00		1.23	0.77	5.835	6.418	0.000	1.200	* 2.212	1.00	2.400	2.88	18.5	73.4	216.7
44.00		1.22	0.78	5.826	6.408	0.000	1.200	* 2.210	1.00	2.385	2.86	18.3	72.9	215.7
45.00		1.21	0.78	5.817	6.399	0.000	1.200	* 2.209	1.00	2.371	2.85	18.2	72.4	214.6
46.00		1.20	0.79	5.810	6.391	0.000	1.200	* 2.208	1.00	2.357	2.83	18.1	71.9	213.6
47.00	Reinf. Top Reinf	1.19	0.79	5.804	6.384	0.000	1.200	* 2.208	1.00	2.342	2.81	17.9	71.4	212.6
48.00		1.19	0.80	5.798	6.378	0.000	1.200	* 2.207	1.00	2.328	2.79	17.8	70.9	211.5

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:25 AM
 Page: 62



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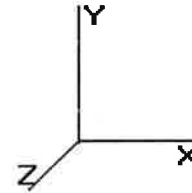
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

49.00		1.18	0.80	5.793	6.372	0.000	1.200	*	2.206	1.00	2.314	2.78	17.7	70.4	210.5
50.00		1.17	0.81	5.789	6.368	0.000	1.200	*	2.206	1.00	2.300	2.76	17.6	69.9	209.5
51.00		1.16	0.81	5.785	6.364	0.000	1.200	*	2.205	1.00	2.285	2.74	17.5	69.4	208.5
52.00		1.16	0.82	5.783	6.361	0.000	1.200	*	2.205	1.00	2.271	2.73	17.3	68.9	207.4
53.00		1.15	0.82	5.781	6.359	0.000	1.200	*	2.204	1.00	2.257	2.71	17.2	68.4	206.4
54.00		1.14	0.82	5.779	6.357	0.000	1.200	*	2.204	1.00	2.243	2.69	17.1	68.0	205.4
55.00		1.14	0.83	5.779	6.357	0.000	1.200	*	2.204	1.00	2.229	2.67	17.0	67.5	204.4
56.00		1.13	0.83	5.779	6.357	0.000	1.200	*	2.204	1.00	2.215	2.66	16.9	67.0	203.4
57.00		1.12	0.84	5.779	6.357	0.000	1.200	*	2.204	1.00	2.201	2.64	16.8	66.6	202.4
58.00		1.12	0.84	5.780	6.358	0.000	1.200	*	2.204	1.00	2.186	2.62	16.7	66.1	201.4
59.00		1.11	0.85	5.782	6.360	0.000	1.200	*	2.205	1.00	2.172	2.61	16.6	65.6	200.4
60.00		1.11	0.85	5.784	6.363	0.000	1.200	*	2.205	1.00	2.158	2.59	16.5	65.2	199.4
61.00		1.10	0.85	5.787	6.366	0.000	1.200	*	2.205	1.00	2.144	2.57	16.4	64.7	198.4
62.00		1.10	0.86	5.790	6.369	0.000	1.200	*	2.206	1.00	2.130	2.56	16.3	64.3	197.4
62.92	Bot - Section 3	1.10	0.86	5.794	6.373	0.000	1.200	*	2.206	0.92	1.940	2.33	14.8	58.5	180.1
63.00		1.10	0.86	5.794	6.373	0.000	1.200	*	2.206	0.08	0.179	0.21	1.4	5.4	20.6
64.00		1.09	0.87	5.798	6.378	0.000	1.200	*	2.207	1.00	2.134	2.56	16.3	64.4	246.5
65.00		1.09	0.87	5.803	6.383	0.000	1.200	*	2.207	1.00	2.120	2.54	16.2	64.0	245.1
65.75	Top - Section 2	1.08	0.87	5.807	6.387	0.000	1.200	*	2.208	0.75	1.581	1.90	12.1	47.7	183.0
66.00	Appertunance(s)	1.08	0.87	5.808	6.389	0.000	1.200	*	2.208	0.25	0.525	0.63	4.0	15.9	44.9
67.00		1.08	0.88	5.813	6.395	0.000	1.200	*	2.209	1.00	2.092	2.51	16.1	63.1	178.7
68.00		1.08	0.88	5.819	6.401	0.000	1.200	*	2.210	1.00	2.078	2.49	16.0	62.7	177.9
69.00		1.07	0.88	5.826	6.408	0.000	1.200	*	2.210	1.00	2.064	2.48	15.9	62.2	177.0
70.00	Appertunance(s)	1.07	0.89	5.832	6.415	0.000	1.200	*	2.211	1.00	2.050	2.46	15.8	61.8	176.2
71.00		1.07	0.89	5.839	6.423	0.000	1.200	*	2.212	1.00	2.036	2.44	15.7	61.3	175.3
72.00		1.06	0.90	5.846	6.431	0.000	1.200	*	2.213	1.00	2.022	2.43	15.6	60.9	174.5
73.00	Appertunance(s)	1.06	0.90	5.854	6.439	0.000	1.200	*	2.214	1.00	2.008	2.41	15.5	60.5	173.6
74.00		1.06	0.90	5.862	6.448	0.000	1.200	*	2.215	1.00	1.995	2.39	15.4	60.0	172.8
75.00		1.06	0.91	5.870	6.457	0.000	1.200	*	2.216	1.00	1.981	2.38	15.3	59.6	172.0
76.00		1.05	0.91	5.879	6.466	0.000	1.200	*	2.217	1.00	1.967	2.36	15.3	59.1	171.1
77.00		1.05	0.91	5.887	6.476	0.000	1.200	*	2.219	1.00	1.953	2.34	15.2	58.7	170.3
77.50	Reinf. Top	1.05	0.91	5.892	6.481	0.000	1.200	*	2.219	0.50	0.971	1.17	7.6	29.2	84.9
78.00		1.05	0.92	5.896	6.486	0.000	1.200	*	2.220	0.50	0.968	1.16	7.5	29.1	51.3
79.00		1.05	0.92	5.905	6.496	0.000	1.200	*	2.221	1.00	1.925	2.31	15.0	57.8	101.8
80.00	Appertunance(s)	1.04	0.92	5.915	6.506	0.000	1.200	*	2.222	1.00	1.911	2.29	14.9	57.4	101.0
81.00		1.04	0.93	5.925	6.517	0.000	1.200	*	2.224	1.00	1.897	2.28	14.8	57.0	100.1
82.00		1.04	0.93	5.934	6.528	0.000	1.200	*	2.225	1.00	1.883	2.26	14.8	56.5	99.3
83.00		1.04	0.93	5.944	6.539	0.000	1.200	*	2.226	1.00	1.869	2.24	14.7	56.1	98.4
84.00		1.04	0.94	5.955	6.550	0.000	1.200	*	2.227	1.00	1.855	2.23	14.6	55.7	97.6
85.00		1.04	0.94	5.965	6.562	0.000	1.200	*	2.229	1.00	1.841	2.21	14.5	55.2	96.8
86.00		1.03	0.94	5.976	6.573	0.000	1.200	*	2.230	1.00	1.828	2.19	14.4	54.8	95.9
87.00		1.03	0.95	5.986	6.585	0.000	1.200	*	2.232	1.00	1.814	2.18	14.3	54.3	95.1
88.00		1.03	0.95	5.997	6.597	0.000	1.200	*	2.233	1.00	1.800	2.16	14.2	53.9	94.2
89.00		1.03	0.95	6.008	6.609	0.000	1.200	*	2.234	1.00	1.786	2.14	14.2	53.5	93.4
89.50	Appertunance(s)	1.03	0.95	6.014	6.615	0.000	1.200	*	2.235	0.50	0.888	1.07	7.0	26.6	46.4
90.00		1.03	0.95	6.020	6.622	0.000	1.200	*	2.236	0.50	0.884	1.06	7.0	26.5	46.2
91.00		1.03	0.96	6.031	6.634	0.000	1.200	*	2.237	1.00	1.758	2.11	14.0	52.6	91.7
92.00		1.03	0.96	6.042	6.647	0.000	1.200	*	2.239	1.00	1.744	2.09	13.9	52.2	90.9
93.00		1.02	0.96	6.054	6.659	0.000	1.200	*	2.240	1.00	1.730	2.08	13.8	51.7	90.0
94.00		1.02	0.97	6.066	6.672	0.000	1.200	*	2.242	1.00	1.716	2.06	13.7	51.3	89.2
95.00		1.02	0.97	6.077	6.685	0.000	1.200	*	2.243	1.00	1.703	2.04	13.7	50.9	88.4
96.00	Appertunance(s)	1.02	0.97	6.089	6.698	0.000	1.200	*	2.245	1.00	1.689	2.03	13.6	50.4	87.5
97.00		1.02	0.98	6.101	6.711	0.000	1.200	*	2.246	1.00	1.675	2.01	13.5	50.0	86.7
98.00		1.02	0.98	6.113	6.724	0.000	1.200	*	2.248	1.00	1.661	1.99	13.4	49.5	85.8
99.00		1.02	0.98	6.125	6.738	0.000	1.200	*	2.250	1.00	1.647	1.98	13.3	49.1	85.0
100.0	Top - Section 3	1.02	0.98	6.137	6.751	0.000	1.200	*	2.251	1.00	1.633	1.96	13.2	48.7	84.1
101.0		1.02	0.99	6.150	6.765	0.000	1.200	*	2.253	1.00	1.438	1.73	11.7	41.3	100.8

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 63



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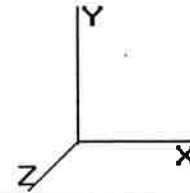
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

102.0	1.02	0.99	6.162	6.778	0.000	1.200	*	2.254	1.00	1.438	1.73	11.7	41.3	100.8	
103.0	1.01	0.99	6.174	6.792	0.000	1.200	*	2.256	1.00	1.438	1.73	11.7	41.3	100.9	
104.0	1.01	0.99	6.187	6.805	0.000	1.200	*	2.257	1.00	1.439	1.73	11.7	41.4	100.9	
105.0	1.01	1.00	6.199	6.819	0.000	1.200	*	2.259	1.00	1.439	1.73	11.8	41.4	100.9	
106.0	1.01	1.00	6.212	6.833	0.000	1.200	*	2.261	1.00	1.439	1.73	11.8	41.4	101.0	
107.0	1.01	1.00	6.224	6.846	0.000	1.200	*	2.262	1.00	1.440	1.73	11.8	41.5	101.0	
108.0	1.01	1.01	6.237	6.860	0.000	1.200	*	2.264	1.00	1.440	1.73	11.9	41.5	101.0	
109.0	1.01	1.01	6.249	6.874	0.000	1.200	*	2.265	1.00	1.440	1.73	11.9	41.5	101.1	
110.0	Appertunance(s)	1.01	1.01	6.262	6.888	0.000	1.200	*	2.267	1.00	1.440	1.73	11.9	41.6	101.1
* = Cf Adjusted By Linear Load Ra Effect									Totals:	110.00		2,145.1	7,457.2	20,425.4	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 64



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

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

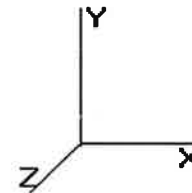
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
66.00	Scala 840 10212	1	5.819	6.401	1.00	1.00	3.04	0.000	2.000	19.45	0.00	38.90	94.04
70.00	2' Std. Dish	1	5.832	6.415	1.00	1.00	7.20	0.000	0.000	46.17	0.00	0.00	71.25
70.00	Radio/ODU	1	5.832	6.415	1.00	1.00	2.30	0.000	0.000	14.74	0.00	0.00	121.25
73.00	RFS APXV18-206517S-	3	5.870	6.457	0.80	0.80	12.99	0.000	2.000	83.90	0.00	167.80	579.18
73.00	Round Side Arm	3	5.854	6.439	0.67	1.00	17.39	0.000	0.000	112.01	0.00	0.00	743.99
80.00	Antel BXA-171063-12C	6	5.915	6.506	0.88	0.80	27.01	0.000	0.000	175.77	0.00	0.00	1,089.47
80.00	Antel BXA-70063-6CF-	6	5.915	6.506	0.77	0.80	34.05	0.000	0.000	221.54	0.00	0.00	1,532.51
80.00	RFS DB-T1-6Z-8AB-0Z	1	5.915	6.506	0.67	0.80	3.18	0.000	0.000	20.69	0.00	0.00	244.88
80.00	Alcatel-Lucent RRH2x	3	5.915	6.506	0.67	0.80	4.72	0.000	0.000	30.69	0.00	0.00	534.01
80.00	Alcatel-Lucent RRH2x	3	5.915	6.506	0.67	0.80	4.83	0.000	0.000	31.42	0.00	0.00	459.73
80.00	Flat T-Arm	3	5.915	6.506	0.67	0.75	35.18	0.000	0.000	228.88	0.00	0.00	1,508.01
89.50	CCI DTMA-1819-DD-12-	6	6.031	6.634	0.50	0.80	2.66	0.000	1.500	17.65	0.00	26.47	320.56
89.50	Flat Low Profile Pla	1	6.014	6.615	1.00	1.00	50.60	0.000	0.000	334.75	0.00	0.00	2,431.50
89.50	RFS APX16DWV-	3	6.031	6.634	0.66	0.80	11.86	0.000	1.500	78.66	0.00	117.99	674.24
89.50	RFS APXV18-206516S-	3	6.031	6.634	0.77	0.80	8.99	0.000	1.500	59.63	0.00	89.45	439.07
96.00	Scala 840 10212	1	6.113	6.724	0.73	1.00	2.23	0.000	2.000	14.99	0.00	29.99	96.00
96.00	TX RX Systems 421-86	1	6.089	6.698	0.67	1.00	2.03	0.000	0.000	13.59	0.00	0.00	90.35
100.0	Powerwave LGP21401	6	6.137	6.751	0.50	0.75	3.87	0.000	0.000	26.11	0.00	0.00	392.23
100.0	Powerwave TT19-	3	6.137	6.751	0.50	0.75	1.15	0.000	0.000	7.74	0.00	0.00	178.54
100.0	Flat Platform w/ Han	1	6.137	6.751	1.00	1.00	69.51	0.000	0.000	469.25	0.00	0.00	3,786.92
100.0	Ericsson RRUS 11 (Ba	6	6.162	6.778	0.67	0.75	10.18	0.000	2.000	68.98	0.00	137.95	1,062.55
100.0	Kathrein 860-10025	6	6.137	6.751	0.50	0.75	0.90	0.000	0.000	6.05	0.00	0.00	93.19
100.0	KMW AM-X-CD-16-65-	2	6.162	6.778	0.79	0.75	11.52	0.000	2.000	78.09	0.00	156.18	632.37
100.0	Raycap DC6-48-60-18-	1	6.162	6.778	1.00	0.75	2.30	0.000	2.000	15.58	0.00	31.16	166.03
100.0	Andrew SBNH-	1	6.162	6.778	0.84	0.75	8.57	0.000	2.000	58.08	0.00	116.16	431.16
100.0	Powerwave 7770.00	6	6.162	6.778	0.77	0.75	23.91	0.000	2.000	162.05	0.00	324.11	1,368.13
110.0	DragonWave Horizon	3	6.262	6.888	0.50	0.80	0.93	0.000	0.000	6.39	0.00	0.00	170.49
110.0	DragonWave A-ANT-	2	6.262	6.888	1.00	0.80	17.47	0.000	0.000	120.33	0.00	0.00	307.37
110.0	NextNet BTS-2500	3	6.262	6.888	0.50	0.80	3.06	0.000	0.000	21.10	0.00	0.00	368.21
110.0	Argus LLPX310R	3	6.262	6.888	0.73	0.80	9.61	0.000	0.000	66.17	0.00	0.00	553.73
110.0	Side Arms	1	6.262	6.888	1.00	1.00	17.75	0.000	0.000	122.26	0.00	0.00	1,161.38
110.0	DragonWave A-ANT-	1	6.262	6.888	1.00	0.80	2.08	0.000	0.000	14.30	0.00	0.00	53.89
										2,747.00			21,756.22

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page : 65



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

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

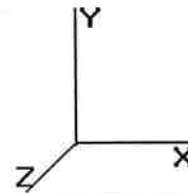
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.64	0.00	11.314	0.121	1.063	0.00	32.67
2.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.66	0.00	10.964	0.122	1.065	0.00	34.66
3.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.67	0.00	10.633	0.122	1.067	0.00	35.73
4.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.68	0.00	10.320	0.123	1.069	0.00	36.41
5.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.69	0.00	10.024	0.124	1.071	0.00	36.87
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	10.16
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	9.89
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	8.61
6.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.24	9.744	0.387	0.000	13.32	92.28
6.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	9.744	0.387	0.000	8.85	37.19
6.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	15.23
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	63.59
6.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	16.92
6.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	6.89
6.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	7.97
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.744	0.387	0.000	0.00	8.61
7.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	10.25
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	9.98
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	8.69
7.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	9.479	0.390	0.000	12.99	92.71
7.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	9.479	0.390	0.000	8.64	37.42
7.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	15.33
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	63.90
7.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	17.03
7.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	6.97
7.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	8.05
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.479	0.390	0.000	0.00	8.69
8.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	10.31
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	10.05
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	8.75
8.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	9.228	0.392	0.000	12.66	93.01
8.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	9.228	0.392	0.000	8.43	37.57
8.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	15.39
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	64.12
8.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	17.11
8.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	7.02
8.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	8.11
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.228	0.392	0.000	0.00	8.75
9.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	10.35
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	10.09
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	8.79
9.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	8.991	0.394	0.000	12.35	93.21
9.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	8.991	0.394	0.000	8.22	37.68
9.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	15.44
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	64.26
9.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	17.16
9.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	7.06
9.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	8.15
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.991	0.394	0.000	0.00	8.79
10.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	10.38
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	10.11

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 66



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

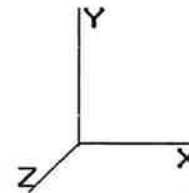
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

10.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	8.82
10.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	8.766	0.396	0.000	12.04	93.34
10.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	8.766	0.396	0.000	8.02	37.74
10.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	15.47
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	64.35
10.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	17.20
10.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	7.08
10.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	8.17
10.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.766	0.396	0.000	0.00	8.82
11.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	10.40
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	10.13
11.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	8.83
11.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	8.552	0.399	0.000	11.76	93.41
11.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	8.552	0.399	0.000	7.83	37.78
11.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	15.48
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	64.40
11.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	17.21
11.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	7.09
11.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	8.18
11.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.552	0.399	0.000	0.00	8.83
12.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	10.40
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	10.13
12.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	8.83
12.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	8.350	0.401	0.000	11.48	93.43
12.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	8.350	0.401	0.000	7.65	37.79
12.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	15.49
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	64.42
12.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	17.22
12.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	7.09
12.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	8.19
12.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.350	0.401	0.000	0.00	8.83
13.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	10.40
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	10.13
13.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	8.83
13.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	8.158	0.403	0.000	11.21	93.42
13.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	8.158	0.403	0.000	7.47	37.79
13.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	15.48
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	64.42
13.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	17.22
13.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	7.09
13.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	8.19
13.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.158	0.403	0.000	0.00	8.83
14.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	10.39
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	10.12
14.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	8.82
14.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.977	0.406	0.000	10.96	93.39
14.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.977	0.406	0.000	7.30	37.77
14.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	15.48
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	64.39
14.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	17.21
14.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	7.09
14.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	8.18
14.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.977	0.406	0.000	0.00	8.82
15.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	10.38
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	10.11
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	8.81
15.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.804	0.408	0.000	10.72	93.33

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 67



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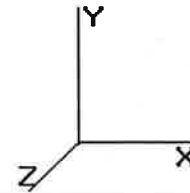
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

15.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.804	0.408	0.000	7.14	37.74
15.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	15.46
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	64.35
15.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	17.19
15.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	7.08
15.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	8.17
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.804	0.408	0.000	0.00	8.81
16.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	10.36
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	10.10
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	8.80
16.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.640	0.410	0.000	10.49	93.25
16.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.640	0.410	0.000	6.99	37.70
16.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	15.45
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	64.29
16.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	17.17
16.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	7.06
16.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	8.16
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.640	0.410	0.000	0.00	8.80
17.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	10.34
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	10.08
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	8.78
17.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.484	0.413	0.000	10.28	93.17
17.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.484	0.413	0.000	6.84	37.65
17.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	15.43
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	64.23
17.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	17.15
17.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	7.05
17.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	8.14
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.484	0.413	0.000	0.00	8.78
18.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	10.32
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	10.06
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	8.76
18.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.337	0.415	0.000	10.07	93.07
18.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.337	0.415	0.000	6.70	37.60
18.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	15.41
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	64.16
18.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	17.13
18.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	7.03
18.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	8.12
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.337	0.415	0.000	0.00	8.76
19.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	10.30
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	10.04
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	8.74
19.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.196	0.418	0.000	9.87	92.97
19.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.196	0.418	0.000	6.57	37.55
19.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	15.38
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	64.09
19.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	17.10
19.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	7.01
19.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	8.10
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.196	0.418	0.000	0.00	8.74
20.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	10.28
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	10.01
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	8.72
20.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	7.062	0.421	0.000	9.68	92.86
20.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	7.062	0.421	0.000	6.44	37.49
20.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	15.36

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 68



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

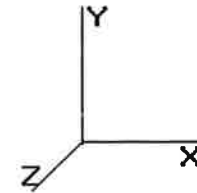
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	64.01
20.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	17.07
20.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	6.99
20.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	8.08
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.421	0.000	0.00	8.72
21.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	10.26
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	9.99
21.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	8.70
21.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.25	6.935	0.423	0.000	9.50	92.75
21.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	6.935	0.423	0.000	6.32	37.44
21.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	15.33
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	63.93
21.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	17.04
21.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	6.97
21.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	8.06
21.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.935	0.423	0.000	0.00	8.70
22.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	10.23
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	9.97
22.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	8.68
22.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.24	6.815	0.426	0.000	9.33	92.64
22.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	6.815	0.426	0.000	6.21	37.38
22.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	15.31
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	63.85
22.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	17.01
22.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	6.95
22.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	8.04
22.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.815	0.426	0.000	0.00	8.68
23.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	10.21
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	9.94
23.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	8.66
23.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.24	6.700	0.428	0.000	9.17	92.52
23.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	6.700	0.428	0.000	6.10	37.32
23.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	15.28
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	63.77
23.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	16.98
23.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	6.93
23.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	8.02
23.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.700	0.428	0.000	0.00	8.66
24.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	10.19
24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	9.92
24.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	8.64
24.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.24	6.590	0.431	0.000	9.02	92.41
24.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	6.590	0.431	0.000	5.99	37.26
24.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	15.26
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	63.68
24.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	16.96
24.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	6.92
24.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	8.00
24.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.590	0.431	0.000	0.00	8.64
25.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	10.16
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	9.90
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	8.62
25.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.24	6.486	0.434	0.000	8.87	92.30
25.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	6.486	0.434	0.000	5.89	37.20
25.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	15.23
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	63.60
25.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	16.93

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page : 69



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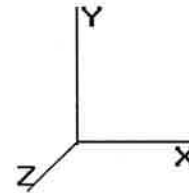
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

25.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	6.90
25.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	7.98
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.486	0.434	0.000	0.00	8.62
26.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	10.14
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	9.87
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	8.59
26.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.04	1.24	6.387	0.437	0.000	8.73	92.19
26.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.83	6.387	0.437	0.000	5.80	37.15
26.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	15.21
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	63.52
26.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	16.90
26.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	6.88
26.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	7.96
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.387	0.437	0.000	0.00	8.59
27.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	10.12
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	9.85
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	8.57
27.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	6.293	0.439	0.000	8.59	92.08
27.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.82	6.293	0.439	0.000	5.71	37.09
27.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	15.19
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	63.45
27.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	16.87
27.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	6.86
27.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	7.94
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.293	0.439	0.000	0.00	8.57
28.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	10.09
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	9.83
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	8.55
28.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	6.203	0.442	0.000	8.47	91.98
28.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.82	6.203	0.442	0.000	5.62	37.04
28.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	15.16
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	63.37
28.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	16.84
28.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	6.84
28.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	7.92
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.203	0.442	0.000	0.00	8.55
29.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	10.07
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	9.81
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	8.53
29.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	6.117	0.445	0.000	8.35	91.88
29.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.82	6.117	0.445	0.000	5.54	36.99
29.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	15.14
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	63.30
29.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	16.82
29.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	6.82
29.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	7.90
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.117	0.445	0.000	0.00	8.53
29.33	(3) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	3.32
29.33	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	3.23
29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	2.81
29.33	(18) 1 5/8" Coax	Yes	0.33	1.200	7.92	0.34	0.41	6.090	0.447	0.000	2.74	30.30
29.33	(4) #20 Dywidag	Yes	0.33	1.200	3.75	0.23	0.27	6.090	0.447	0.000	1.82	12.20
29.33	(1) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	4.99
29.33	(12) 1 5/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	20.87
29.33	(2) 1 5/8" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	5.55
29.33	(1) 1/4" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	2.25
29.33	(2) 3/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	2.60

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 70



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

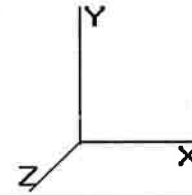
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	6.090	0.447	0.000	0.00	2.81
30.00	(3) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	6.74
30.00	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	6.56
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	5.71
30.00	(18) 1 5/8" Coax	Yes	0.67	1.200	7.92	0.69	0.83	6.041	0.448	0.000	5.52	61.50
30.00	(4) #20 Dywidag	Yes	0.67	1.200	3.75	0.46	0.55	6.041	0.448	0.000	3.66	24.75
30.00	(1) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	10.13
30.00	(12) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	42.37
30.00	(2) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	11.25
30.00	(1) 1/4" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	4.56
30.00	(2) 3/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	5.28
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	6.041	0.448	0.000	0.00	5.71
31.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	10.03
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	9.77
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	8.50
31.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	6.019	0.451	0.000	8.20	91.68
31.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.69	0.82	6.019	0.451	0.000	5.44	36.89
31.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	15.10
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	63.16
31.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	16.77
31.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	6.79
31.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	7.86
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.019	0.451	0.000	0.00	8.50
32.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	10.01
32.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	9.75
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	8.48
32.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.998	0.454	0.000	8.17	91.59
32.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.998	0.454	0.000	5.42	36.84
32.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	15.08
32.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	63.10
32.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	16.75
32.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	6.77
32.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	7.85
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.998	0.454	0.000	0.00	8.48
32.83	(3) 1/2" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	8.30
32.83	(6) 5/16" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	8.08
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	7.03
32.83	(18) 1 5/8" Coax	Yes	0.83	1.200	7.92	0.86	1.03	5.982	0.457	0.000	6.76	75.95
32.83	(4) #20 Dywidag	Yes	0.83	1.200	3.75	0.57	0.68	5.982	0.457	0.000	4.48	30.54
32.83	(1) 2" Conduit	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	12.50
32.83	(12) 1 5/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	52.32
32.83	(2) 1 5/8" Hybriflex	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	13.88
32.83	(1) 1/4" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	5.61
32.83	(2) 3/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	6.50
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	5.982	0.457	0.000	0.00	7.03
33.00	(3) 1/2" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	1.70
33.00	(6) 5/16" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	1.66
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	1.44
33.00	(18) 1 5/8" Coax	Yes	0.17	1.200	7.92	0.18	0.21	5.978	0.449	0.000	1.38	15.57
33.00	(4) #20 Dywidag	Yes	0.17	1.200	3.75	0.12	0.14	5.978	0.449	0.000	0.92	6.26
33.00	(1) 2" Conduit	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	2.56
33.00	(12) 1 5/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	10.72
33.00	(2) 1 5/8" Hybriflex	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	2.84
33.00	(1) 1/4" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	1.15
33.00	(2) 3/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	1.33
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	5.978	0.449	0.000	0.00	1.44
34.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	9.98

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page : 71



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Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 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		

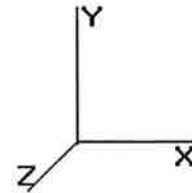
34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	9.71
34.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	8.45
34.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.959	0.451	0.000	8.11	91.43
34.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.959	0.451	0.000	5.38	36.75
34.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	15.04
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	62.97
34.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	16.70
34.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	6.74
34.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	7.81
34.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.959	0.451	0.000	0.00	8.45
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	9.96
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	9.70
35.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	8.43
35.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.942	0.454	0.000	8.09	91.35
35.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.942	0.454	0.000	5.36	36.71
35.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	15.03
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	62.92
35.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	16.68
35.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	6.73
35.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	7.80
35.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.942	0.454	0.000	0.00	8.43
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	9.95
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	9.68
36.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	8.42
36.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.925	0.457	0.000	8.06	91.28
36.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.925	0.457	0.000	5.34	36.68
36.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	15.01
36.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	62.87
36.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	16.66
36.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	6.72
36.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	7.79
36.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.457	0.000	0.00	8.42
37.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	9.93
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	9.67
37.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	8.41
37.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.909	0.460	0.000	8.04	91.21
37.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.909	0.460	0.000	5.33	36.64
37.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	14.99
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	62.82
37.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	16.65
37.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	6.71
37.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	7.77
37.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.909	0.460	0.000	0.00	8.41
38.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	9.92
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	9.65
38.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	8.40
38.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.894	0.463	0.000	8.01	91.14
38.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.894	0.463	0.000	5.31	36.61
38.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	14.98
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	62.77
38.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	16.63
38.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	6.70
38.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	7.76
38.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.894	0.463	0.000	0.00	8.40
39.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	9.91
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	9.64
39.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	8.38

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM

Page: 72



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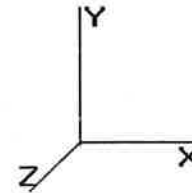
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

39.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.880	0.466	0.000	7.99	91.08
39.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.880	0.466	0.000	5.29	36.58
39.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	14.97
39.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	62.73
39.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	16.61
39.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	6.69
39.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	7.75
39.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.880	0.466	0.000	0.00	8.38
40.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	9.90
40.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	9.63
40.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	8.37
40.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.868	0.469	0.000	7.97	91.03
40.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.868	0.469	0.000	5.28	36.55
40.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	14.95
40.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	62.69
40.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	16.60
40.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	6.68
40.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	7.74
40.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.868	0.469	0.000	0.00	8.37
41.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	9.89
41.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	9.62
41.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	8.36
41.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.856	0.472	0.000	7.95	90.97
41.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.856	0.472	0.000	5.27	36.52
41.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	14.94
41.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	62.65
41.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	16.59
41.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	6.67
41.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	7.73
41.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.856	0.472	0.000	0.00	8.36
42.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	9.88
42.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	9.61
42.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	8.35
42.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.845	0.476	0.000	7.94	90.93
42.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.845	0.476	0.000	5.26	36.50
42.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	14.93
42.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	62.61
42.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	16.57
42.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	6.66
42.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	7.72
42.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.845	0.476	0.000	0.00	8.35
43.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	9.87
43.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	9.60
43.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	8.35
43.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.835	0.479	0.000	7.92	90.88
43.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.835	0.479	0.000	5.25	36.47
43.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	14.92
43.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	62.58
43.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	16.56
43.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	6.65
43.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	7.71
43.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.835	0.479	0.000	0.00	8.35
44.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.482	0.000	0.00	9.86
44.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.482	0.000	0.00	9.59
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.482	0.000	0.00	8.34
44.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.826	0.482	0.000	7.91	90.84
44.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.826	0.482	0.000	5.24	36.45

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 73



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

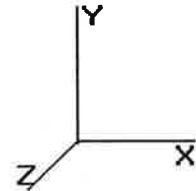
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

44.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.826	0.482	0.000	0.00	14.91
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.826	0.482	0.000	0.00	62.55
44.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.826	0.482	0.000	0.00	16.55
44.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.826	0.482	0.000	0.00	6.64
44.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.826	0.482	0.000	0.00	7.71
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.826	0.482	0.000	0.00	8.34
45.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.817	0.486	0.000	0.00	9.85
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.817	0.486	0.000	0.00	9.58
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	5.817	0.486	0.000	0.00	8.33
45.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.817	0.486	0.000	7.90	90.81	
45.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.817	0.486	0.000	5.23	36.43	
45.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.817	0.486	0.000	0.00	14.91	
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.817	0.486	0.000	0.00	62.53	
45.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.817	0.486	0.000	0.00	16.54	
45.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.817	0.486	0.000	0.00	6.64	
45.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.817	0.486	0.000	0.00	7.70	
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.817	0.486	0.000	0.00	8.33	
46.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	9.84	
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	9.58	
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	8.33	
46.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.810	0.489	0.000	7.88	90.77	
46.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.810	0.489	0.000	5.22	36.42	
46.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	14.90	
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	62.50	
46.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	16.53	
46.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	6.63	
46.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	7.69	
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.810	0.489	0.000	0.00	8.33	
47.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	9.84	
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	9.57	
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	8.32	
47.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.804	0.493	0.000	7.87	90.75	
47.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.804	0.493	0.000	5.21	36.40	
47.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	14.89	
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	62.48	
47.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	16.53	
47.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	6.63	
47.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	7.69	
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.804	0.493	0.000	0.00	8.32	
48.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	9.83	
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	9.57	
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	8.32	
48.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.798	0.496	0.000	7.87	90.72	
48.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.798	0.496	0.000	5.21	36.39	
48.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	14.89	
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	62.46	
48.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	16.52	
48.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	6.62	
48.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	7.68	
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.496	0.000	0.00	8.32	
49.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	9.83	
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	9.56	
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	8.31	
49.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.793	0.500	0.000	7.86	90.70	
49.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.793	0.500	0.000	5.20	36.38	
49.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	14.88	
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	62.45	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:26 AM
 Page: 74



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

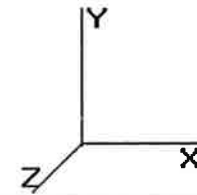
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

49.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	16.52
49.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	6.62
49.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	7.68
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.793	0.500	0.000	0.00	8.31
50.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	9.82
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	9.56
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	8.31
50.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.789	0.503	0.000	7.85	90.68
50.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.789	0.503	0.000	5.20	36.37
50.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	14.88
50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	62.44
50.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	16.51
50.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	6.62
50.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	7.68
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.789	0.503	0.000	0.00	8.31
51.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	9.82
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	9.55
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	8.31
51.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.785	0.507	0.000	7.85	90.67
51.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.785	0.507	0.000	5.19	36.36
51.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	14.88
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	62.42
51.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	16.51
51.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	6.61
51.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	7.67
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.785	0.507	0.000	0.00	8.31
52.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	9.82
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	9.55
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	8.30
52.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.783	0.511	0.000	7.84	90.65
52.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.783	0.511	0.000	5.19	36.36
52.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	14.87
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	62.42
52.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	16.50
52.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	6.61
52.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	7.67
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.783	0.511	0.000	0.00	8.30
53.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	9.82
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	9.55
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	8.30
53.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.781	0.515	0.000	7.84	90.64
53.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.781	0.515	0.000	5.19	36.35
53.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	14.87
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	62.41
53.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	16.50
53.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	6.61
53.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	7.67
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.781	0.515	0.000	0.00	8.30
54.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	9.82
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	9.55
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	8.30
54.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.779	0.519	0.000	7.84	90.64
54.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.779	0.519	0.000	5.19	36.35
54.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	14.87
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	62.41
54.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	16.50
54.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	6.61

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page : 75



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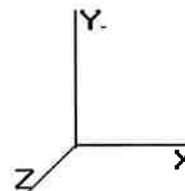
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

54.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	7.67
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.519	0.000	0.00	8.30
55.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	9.81
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	9.55
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	8.30
55.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.779	0.522	0.000	7.84	90.64
55.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.779	0.522	0.000	5.19	36.35
55.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	14.87
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	62.40
55.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	16.50
55.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	6.61
55.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	7.67
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.522	0.000	0.00	8.30
56.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	9.81
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	9.55
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	8.30
56.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.779	0.526	0.000	7.84	90.64
56.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.779	0.526	0.000	5.19	36.35
56.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	14.87
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	62.40
56.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	16.50
56.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	6.61
56.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	7.67
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.526	0.000	0.00	8.30
57.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	9.82
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	9.55
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	8.30
57.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.779	0.531	0.000	7.84	90.64
57.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.779	0.531	0.000	5.19	36.35
57.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	14.87
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	62.41
57.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	16.50
57.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	6.61
57.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	7.67
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.779	0.531	0.000	0.00	8.30
58.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	9.82
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	9.55
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	8.30
58.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.780	0.535	0.000	7.84	90.64
58.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.780	0.535	0.000	5.19	36.35
58.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	14.87
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	62.41
58.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	16.50
58.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	6.61
58.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	7.67
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.780	0.535	0.000	0.00	8.30
59.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	9.82
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	9.55
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	8.30
59.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.782	0.539	0.000	7.84	90.65
59.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.782	0.539	0.000	5.19	36.35
59.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	14.87
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	62.41
59.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	16.50
59.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	6.61
59.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	7.67
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.782	0.539	0.000	0.00	8.30

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page: 76



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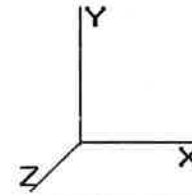
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

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

60.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	9.82
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	9.55
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	8.30
60.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.784	0.543	0.000	7.85	90.66
60.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.784	0.543	0.000	5.19	36.36
60.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	14.87
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	62.42
60.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	16.51
60.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	6.61
60.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	7.67
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.784	0.543	0.000	0.00	8.30
61.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	9.82
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	9.56
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	8.31
61.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.787	0.547	0.000	7.85	90.67
61.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.787	0.547	0.000	5.19	36.36
61.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	14.88
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	62.43
61.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	16.51
61.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	6.62
61.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	7.68
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.787	0.547	0.000	0.00	8.31
62.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	9.83
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	9.56
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	8.31
62.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.790	0.552	0.000	7.85	90.69
62.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.790	0.552	0.000	5.20	36.37
62.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	14.88
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	62.44
62.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	16.51
62.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	6.62
62.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	7.68
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.790	0.552	0.000	0.00	8.31
62.92	(3) 1/2" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	9.01
62.92	(6) 5/16" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	8.76
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	7.62
62.92	(18) 1 5/8" Coax	Yes	0.92	1.200	7.92	0.94	1.13	5.794	0.556	0.000	7.20	83.13
62.92	(4) #20 Dywidag	Yes	0.92	1.200	3.75	0.62	0.75	5.794	0.556	0.000	4.77	33.34
62.92	(1) 2" Conduit	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	13.64
62.92	(12) 1 5/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	57.24
62.92	(2) 1 5/8" Hybriflex	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	15.14
62.92	(1) 1/4" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	6.07
62.92	(2) 3/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	7.04
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	5.794	0.556	0.000	0.00	7.62
63.00	(3) 1/2" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	0.82
63.00	(6) 5/16" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	0.80
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	0.69
63.00	(18) 1 5/8" Coax	Yes	0.08	1.200	7.92	0.09	0.10	5.794	0.558	0.000	0.66	7.57
63.00	(4) #20 Dywidag	Yes	0.08	1.200	3.75	0.06	0.07	5.794	0.558	0.000	0.43	3.04
63.00	(1) 2" Conduit	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	1.24
63.00	(12) 1 5/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	5.21
63.00	(2) 1 5/8" Hybriflex	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	1.38
63.00	(1) 1/4" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	0.55
63.00	(2) 3/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	0.64
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	5.794	0.558	0.000	0.00	0.69
64.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	9.83
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	9.57

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

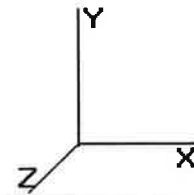
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	8.32
64.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.798	0.561	0.000	7.87	90.72
64.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.798	0.561	0.000	5.21	36.39
64.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	14.89
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	62.47
64.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	16.52
64.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	6.62
64.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	7.68
64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.798	0.561	0.000	0.00	8.32
65.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	9.84
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	9.57
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	8.32
65.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.803	0.565	0.000	7.87	90.74
65.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.803	0.565	0.000	5.21	36.40
65.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	14.89
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	62.48
65.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	16.53
65.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	6.63
65.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	7.69
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.803	0.565	0.000	0.00	8.32
65.75	(3) 1/2" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	7.38
65.75	(6) 5/16" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	7.18
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	6.24
65.75	(18) 1 5/8" Coax	Yes	0.75	1.200	7.92	0.77	0.93	5.807	0.569	0.000	5.91	68.06
65.75	(4) #20 Dywidag	Yes	0.75	1.200	3.75	0.51	0.61	5.807	0.569	0.000	3.91	27.30
65.75	(1) 2" Conduit	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	11.17
65.75	(12) 1 5/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	46.86
65.75	(2) 1 5/8" Hybriflex	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	12.40
65.75	(1) 1/4" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	4.97
65.75	(2) 3/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	5.77
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	5.807	0.569	0.000	0.00	6.24
66.00	(3) 1/2" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	2.46
66.00	(6) 5/16" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	2.39
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	2.08
66.00	(18) 1 5/8" Coax	Yes	0.25	1.200	7.92	0.26	0.31	5.808	0.561	0.000	1.97	22.70
66.00	(4) #20 Dywidag	Yes	0.25	1.200	3.75	0.17	0.20	5.808	0.561	0.000	1.30	9.11
66.00	(1) 2" Conduit	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	3.73
66.00	(12) 1 5/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	15.63
66.00	(2) 1 5/8" Hybriflex	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	4.13
66.00	(1) 1/4" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	1.66
66.00	(2) 3/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	1.92
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	5.808	0.561	0.000	0.00	2.08
67.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	9.85
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	9.58
67.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	8.33
67.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.813	0.564	0.000	7.89	90.79
67.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.813	0.564	0.000	5.22	36.42
67.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	14.90
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	62.51
67.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	16.54
67.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	6.64
67.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.813	0.564	0.000	0.00	7.70
68.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	9.85
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	9.59
68.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	8.33
68.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.819	0.569	0.000	7.90	90.81
68.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.819	0.569	0.000	5.23	36.44

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page: 78



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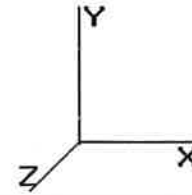
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

68.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	14.91
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	62.53
68.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	16.54
68.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	6.64
68.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.819	0.569	0.000	0.00	7.70
69.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	9.86
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	9.59
69.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	8.34
69.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.826	0.573	0.000	7.91	90.84
69.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.826	0.573	0.000	5.24	36.45
69.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	14.91
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	62.55
69.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	16.55
69.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	6.64
69.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.826	0.573	0.000	0.00	7.71
70.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	9.86
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	9.60
70.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	8.34
70.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.832	0.578	0.000	7.92	90.87
70.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.832	0.578	0.000	5.24	36.47
70.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	14.92
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	62.57
70.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	16.56
70.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	6.65
70.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.832	0.578	0.000	0.00	7.71
71.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.839	0.583	0.000	0.00	9.87
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.839	0.583	0.000	0.00	9.60
71.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.839	0.583	0.000	0.00	8.35
71.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.839	0.583	0.000	7.93	90.90
71.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.839	0.583	0.000	5.25	36.48
71.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.839	0.583	0.000	0.00	14.93
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.839	0.583	0.000	0.00	62.60
71.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.839	0.583	0.000	0.00	16.57
72.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.846	0.588	0.000	0.00	9.88
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.846	0.588	0.000	0.00	9.61
72.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.846	0.588	0.000	0.00	8.36
72.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.846	0.588	0.000	7.94	90.93
72.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.846	0.588	0.000	5.26	36.50
72.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.846	0.588	0.000	0.00	14.93
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.846	0.588	0.000	0.00	62.62
72.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.846	0.588	0.000	0.00	16.58
73.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.854	0.593	0.000	0.00	9.88
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.854	0.593	0.000	0.00	9.62
73.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.854	0.593	0.000	0.00	8.36
73.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.23	5.854	0.593	0.000	7.95	90.97
73.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.854	0.593	0.000	5.27	36.52
73.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.854	0.593	0.000	0.00	14.94
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.854	0.593	0.000	0.00	62.64
73.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.854	0.593	0.000	0.00	16.58
74.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.862	0.598	0.000	0.00	9.89
74.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.862	0.598	0.000	0.00	9.62
74.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.862	0.598	0.000	0.00	8.37
74.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.862	0.598	0.000	7.96	91.00
74.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.862	0.598	0.000	5.27	36.53
74.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.862	0.598	0.000	0.00	14.95
74.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.862	0.598	0.000	0.00	62.67
74.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.862	0.598	0.000	0.00	16.59

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AI
 Page: 79



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

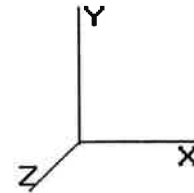
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

75.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.870	0.604	0.000	0.00	9.90
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.870	0.604	0.000	0.00	9.63
75.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.870	0.604	0.000	0.00	8.38
75.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.870	0.604	0.000	7.98	91.04
75.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.870	0.604	0.000	5.28	36.55
75.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.870	0.604	0.000	0.00	14.96
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.870	0.604	0.000	0.00	62.69
75.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.870	0.604	0.000	0.00	16.60
76.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.879	0.609	0.000	0.00	9.91
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.879	0.609	0.000	0.00	9.64
76.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.879	0.609	0.000	0.00	8.38
76.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.879	0.609	0.000	7.99	91.07
76.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.879	0.609	0.000	5.29	36.57
76.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.879	0.609	0.000	0.00	14.96
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.879	0.609	0.000	0.00	62.72
76.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.879	0.609	0.000	0.00	16.61
77.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.887	0.614	0.000	0.00	9.91
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.887	0.614	0.000	0.00	9.65
77.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.887	0.614	0.000	0.00	8.39
77.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.887	0.614	0.000	8.00	91.11
77.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.887	0.614	0.000	5.30	36.59
77.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.887	0.614	0.000	0.00	14.97
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.887	0.614	0.000	0.00	62.75
77.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.887	0.614	0.000	0.00	16.62
77.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.892	0.619	0.000	0.00	4.96
77.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.892	0.619	0.000	0.00	4.83
77.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.892	0.619	0.000	0.00	4.20
77.50	(18) 1 5/8" Coax	Yes	0.50	1.200	7.92	0.51	0.62	5.892	0.619	0.000	4.00	45.57
77.50	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.34	0.41	5.892	0.619	0.000	2.65	18.30
77.50	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	5.892	0.619	0.000	0.00	7.49
77.50	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.892	0.619	0.000	0.00	31.38
77.50	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	5.892	0.619	0.000	0.00	8.31
78.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.896	0.621	0.000	0.00	4.96
78.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.896	0.621	0.000	0.00	4.83
78.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.896	0.621	0.000	0.00	4.20
78.00	(18) 1 5/8" Coax	Yes	0.50	1.200	7.92	0.51	0.62	5.896	0.621	0.000	4.01	45.58
78.00	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.34	0.41	5.896	0.621	0.000	2.66	18.31
78.00	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	5.896	0.621	0.000	0.00	7.49
78.00	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.896	0.621	0.000	0.00	31.39
78.00	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	5.896	0.621	0.000	0.00	8.32
79.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.905	0.626	0.000	0.00	9.93
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.905	0.626	0.000	0.00	9.66
79.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.905	0.626	0.000	0.00	8.40
79.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.905	0.626	0.000	8.03	91.19
79.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.905	0.626	0.000	5.32	36.63
79.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.905	0.626	0.000	0.00	14.99
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.905	0.626	0.000	0.00	62.81
79.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.905	0.626	0.000	0.00	16.64
80.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.915	0.631	0.000	0.00	9.94
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.915	0.631	0.000	0.00	9.67
80.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.915	0.631	0.000	0.00	8.41
80.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.915	0.631	0.000	8.04	91.23
80.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.915	0.631	0.000	5.33	36.65
80.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.915	0.631	0.000	0.00	15.00
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.915	0.631	0.000	0.00	62.83
80.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	5.915	0.631	0.000	0.00	16.65
81.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.637	0.000	0.00	9.95

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page: 80



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

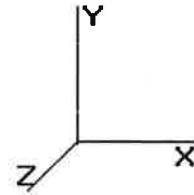
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.637	0.000	0.00	9.68
81.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.637	0.000	0.00	8.42
81.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.925	0.637	0.000	8.06	91.28
81.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.68	0.82	5.925	0.637	0.000	5.34	36.68
81.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	5.925	0.637	0.000	0.00	15.01
82.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.934	0.568	0.000	0.00	9.96
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.934	0.568	0.000	0.00	9.69
82.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.934	0.568	0.000	4.46	15.02
82.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.934	0.568	0.000	0.00	8.43
82.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.934	0.568	0.000	8.07	91.32
83.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.944	0.573	0.000	0.00	9.97
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.944	0.573	0.000	0.00	9.70
83.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.944	0.573	0.000	4.47	15.03
83.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.944	0.573	0.000	0.00	8.44
83.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.944	0.573	0.000	8.09	91.36
84.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.955	0.578	0.000	0.00	9.98
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.955	0.578	0.000	0.00	9.71
84.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.955	0.578	0.000	4.48	15.04
84.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.955	0.578	0.000	0.00	8.45
84.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.955	0.578	0.000	8.11	91.41
85.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.965	0.584	0.000	0.00	9.98
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.965	0.584	0.000	0.00	9.72
85.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.965	0.584	0.000	4.49	15.05
85.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.965	0.584	0.000	0.00	8.45
85.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.965	0.584	0.000	8.12	91.45
86.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.976	0.590	0.000	0.00	9.99
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.976	0.590	0.000	0.00	9.73
86.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.976	0.590	0.000	4.50	15.06
86.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.976	0.590	0.000	0.00	8.46
86.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.976	0.590	0.000	8.14	91.50
87.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.986	0.595	0.000	0.00	10.00
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.986	0.595	0.000	0.00	9.74
87.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.986	0.595	0.000	4.51	15.07
87.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.986	0.595	0.000	0.00	8.47
87.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.986	0.595	0.000	8.15	91.54
88.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.997	0.601	0.000	0.00	10.01
88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.997	0.601	0.000	0.00	9.75
88.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	5.997	0.601	0.000	4.52	15.08
88.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.997	0.601	0.000	0.00	8.48
88.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	5.997	0.601	0.000	8.17	91.59
89.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.607	0.000	0.00	10.02
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.607	0.000	0.00	9.76
89.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.57	0.68	6.008	0.607	0.000	4.53	15.09
89.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.008	0.607	0.000	0.00	8.49
89.00	(18) 1 5/8" Coax	Yes	1.00	1.200	7.92	1.03	1.24	6.008	0.607	0.000	8.19	91.64
89.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.014	0.612	0.000	0.00	5.01
89.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.014	0.612	0.000	0.00	4.88
89.50	(1) 2" Conduit	Yes	0.50	1.200	2.38	0.29	0.34	6.014	0.612	0.000	2.27	7.55
89.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.014	0.612	0.000	0.00	4.25
89.50	(18) 1 5/8" Coax	Yes	0.50	1.200	7.92	0.52	0.62	6.014	0.612	0.000	4.10	45.83
90.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.020	0.142	1.126	0.00	5.02
90.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.020	0.142	1.126	0.00	4.88
90.00	(1) 2" Conduit	Yes	0.50	0.000	2.38	0.29	0.00	6.020	0.142	1.126	0.00	7.55
90.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.020	0.142	1.126	0.00	4.25
91.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.031	0.143	1.130	0.00	10.04
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.031	0.143	1.130	0.00	9.78
91.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.031	0.143	1.130	0.00	15.11

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page : 81



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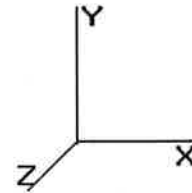
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

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

91.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.031	0.143	1.130	0.00	8.51
92.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.042	0.145	1.134	0.00	10.05
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.042	0.145	1.134	0.00	9.79
92.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.042	0.145	1.134	0.00	15.12
92.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.042	0.145	1.134	0.00	8.52
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.054	0.146	1.138	0.00	10.06
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.054	0.146	1.138	0.00	9.80
93.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.054	0.146	1.138	0.00	15.13
93.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.054	0.146	1.138	0.00	8.53
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.066	0.148	1.143	0.00	10.07
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.066	0.148	1.143	0.00	9.81
94.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.066	0.148	1.143	0.00	15.14
94.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.066	0.148	1.143	0.00	8.54
95.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.077	0.149	1.148	0.00	10.09
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.077	0.149	1.148	0.00	9.82
95.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.077	0.149	1.148	0.00	15.15
95.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.077	0.149	1.148	0.00	8.55
96.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.089	0.151	1.153	0.00	10.10
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.089	0.151	1.153	0.00	9.83
96.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.089	0.151	1.153	0.00	15.17
96.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.089	0.151	1.153	0.00	8.56
97.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.101	0.153	1.158	0.00	10.11
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.101	0.153	1.158	0.00	9.84
97.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.101	0.153	1.158	0.00	15.18
98.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.113	0.154	1.163	0.00	10.12
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.113	0.154	1.163	0.00	9.85
98.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.113	0.154	1.163	0.00	15.19
99.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.125	0.156	1.168	0.00	10.13
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.125	0.156	1.168	0.00	9.86
99.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.125	0.156	1.168	0.00	15.20
100.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.137	0.158	1.173	0.00	10.14
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.137	0.158	1.173	0.00	9.87
100.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.137	0.158	1.173	0.00	15.21
101.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.150	0.187	1.260	0.00	10.15
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.150	0.187	1.260	0.00	9.88
101.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.150	0.187	1.260	0.00	15.22
102.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.162	0.187	1.260	0.00	10.16
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.162	0.187	1.260	0.00	9.90
102.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.162	0.187	1.260	0.00	15.23
103.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.174	0.187	1.260	0.00	10.17
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.174	0.187	1.260	0.00	9.91
103.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.174	0.187	1.260	0.00	15.25
104.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.187	0.187	1.260	0.00	10.18
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.187	0.187	1.260	0.00	9.92
104.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.187	0.187	1.260	0.00	15.26
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.199	0.187	1.260	0.00	10.19
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.199	0.187	1.260	0.00	9.93
105.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.57	0.00	6.199	0.187	1.260	0.00	15.27
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.212	0.187	1.260	0.00	10.21
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.212	0.187	1.260	0.00	9.94
106.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.58	0.00	6.212	0.187	1.260	0.00	15.28
107.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.224	0.187	1.260	0.00	10.22
107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.224	0.187	1.260	0.00	9.95
107.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.58	0.00	6.224	0.187	1.260	0.00	15.29
108.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.237	0.187	1.260	0.00	10.23
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.237	0.187	1.260	0.00	9.96
108.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.58	0.00	6.237	0.187	1.260	0.00	15.30

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:27 AM
 Page: 82

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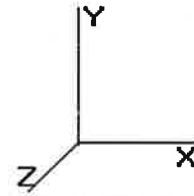
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations
 Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

109.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.249	0.187	1.260	0.00	10.24
109.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.249	0.187	1.260	0.00	9.97
109.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.58	0.00	6.249	0.187	1.260	0.00	15.32
110.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.262	0.187	1.260	0.00	10.25
110.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.262	0.187	1.260	0.00	9.98
110.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.58	0.00	6.262	0.187	1.260	0.00	15.33
Totals:											1,210.23	22,595.57

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page: 83



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

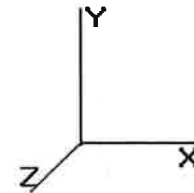
Gust Response Factor : 1.10 Ice Dead Load Factor : 1.00 Wind Importance Factor : 1.00
 Dead Load Factor : 1.20 Ice Importance Factor : 1.00
 Wind Load Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	43.49	278.71	0.00	0.00
2.00	42.23	284.93	0.00	0.00
3.00	40.90	287.80	0.00	0.00
4.00	39.60	289.23	0.00	0.00
5.00	38.33	289.85	0.00	0.00
6.00	59.29	552.52	0.00	0.00
7.00	57.58	553.75	0.00	0.00
8.00	55.94	554.28	0.00	0.00
9.00	54.37	554.30	0.00	0.00
10.00	52.87	553.93	0.00	0.00
11.00	51.44	553.27	0.00	0.00
12.00	50.07	552.37	0.00	0.00
13.00	48.76	551.30	0.00	0.00
14.00	47.52	550.09	0.00	0.00
15.00	46.34	548.77	0.00	0.00
16.00	45.21	547.36	0.00	0.00
17.00	44.14	545.89	0.00	0.00
18.00	43.12	544.38	0.00	0.00
19.00	42.14	542.83	0.00	0.00
20.00	41.21	541.26	0.00	0.00
21.00	40.33	539.67	0.00	0.00
22.00	39.48	538.08	0.00	0.00
23.00	38.68	536.48	0.00	0.00
24.00	37.91	534.89	0.00	0.00
25.00	37.17	533.31	0.00	0.00
26.00	36.47	531.74	0.00	0.00
27.00	35.80	530.18	0.00	0.00
28.00	35.16	528.64	0.00	0.00
29.00	34.55	527.11	0.00	0.00
29.33	11.32	173.67	0.00	0.00
30.00	23.00	409.06	0.00	0.00
31.00	34.09	608.59	0.00	0.00
32.00	33.85	606.59	0.00	0.00
32.83	27.92	501.97	0.00	0.00
33.00	5.71	89.15	0.00	0.00
34.00	33.39	522.89	0.00	0.00
35.00	33.17	521.49	0.00	0.00
36.00	32.96	520.11	0.00	0.00
37.00	32.75	518.76	0.00	0.00
38.00	32.55	517.43	0.00	0.00
39.00	32.36	516.12	0.00	0.00
40.00	32.17	514.83	0.00	0.00
41.00	31.99	513.56	0.00	0.00
42.00	31.82	512.32	0.00	0.00
43.00	31.65	511.09	0.00	0.00
44.00	31.49	509.89	0.00	0.00
45.00	31.33	508.70	0.00	0.00
46.00	31.18	507.53	0.00	0.00
47.00	31.03	506.39	0.00	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:27 AM
 Page: 84

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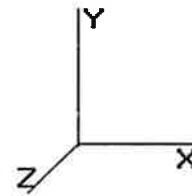
Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 Iterations

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	30.89	505.26	0.00	0.00
49.00	30.75	504.14	0.00	0.00
50.00	30.62	503.05	0.00	0.00
51.00	30.49	501.97	0.00	0.00
52.00	30.37	500.90	0.00	0.00
53.00	30.25	499.85	0.00	0.00
54.00	30.13	498.82	0.00	0.00
55.00	30.02	497.80	0.00	0.00
56.00	29.92	496.79	0.00	0.00
57.00	29.81	495.80	0.00	0.00
58.00	29.71	494.81	0.00	0.00
59.00	29.61	493.84	0.00	0.00
60.00	29.52	492.89	0.00	0.00
61.00	29.42	491.94	0.00	0.00
62.00	29.33	491.00	0.00	0.00
62.92	26.81	449.23	0.00	0.00
63.00	2.46	45.15	0.00	0.00
64.00	29.41	540.25	0.00	0.00
65.00	29.33	538.94	0.00	0.00
65.75	21.94	403.32	0.00	0.00
66.00	26.75	212.41	0.00	38.90
67.00	29.17	464.37	0.00	0.00
68.00	29.09	463.62	0.00	0.00
69.00	29.02	462.87	0.00	0.00
70.00	89.85	654.63	0.00	0.00
71.00	28.88	447.03	0.00	0.00
72.00	28.81	446.29	0.00	0.00
73.00	224.65	1,768.73	0.00	167.80
74.00	28.67	444.83	0.00	0.00
75.00	28.61	444.11	0.00	0.00
76.00	28.54	443.39	0.00	0.00
77.00	28.48	442.67	0.00	0.00
77.50	14.21	221.11	0.00	0.00
78.00	14.19	187.53	0.00	0.00
79.00	28.36	374.46	0.00	0.00
80.00	737.28	5,742.36	0.00	0.00
81.00	28.24	293.53	0.00	0.00
82.00	27.28	256.09	0.00	0.00
83.00	27.22	255.33	0.00	0.00
84.00	27.17	254.57	0.00	0.00
85.00	27.11	253.82	0.00	0.00
86.00	27.05	253.06	0.00	0.00
87.00	26.99	252.31	0.00	0.00
88.00	26.94	251.55	0.00	0.00
89.00	26.88	250.80	0.00	0.00
89.50	504.11	3,990.53	0.00	233.91
90.00	7.03	79.13	0.00	0.00
91.00	14.00	157.56	0.00	0.00
92.00	13.91	156.76	0.00	0.00
93.00	13.83	155.97	0.00	0.00
94.00	13.74	155.17	0.00	0.00
95.00	13.66	154.37	0.00	0.00
96.00	42.16	339.92	0.00	29.99
97.00	13.49	144.20	0.00	0.00
98.00	13.40	143.39	0.00	0.00
99.00	13.32	142.58	0.00	0.00
100.0	905.16	8,252.88	0.00	765.55

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:27 AM
 Page: 85

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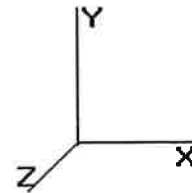
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

101.0	11.67	136.06	0.00	0.00
102.0	11.70	136.12	0.00	0.00
103.0	11.72	136.19	0.00	0.00
104.0	11.75	136.26	0.00	0.00
105.0	11.78	136.33	0.00	0.00
106.0	11.80	136.39	0.00	0.00
107.0	11.83	136.46	0.00	0.00
108.0	11.85	136.53	0.00	0.00
109.0	11.88	136.60	0.00	0.00
110.0	362.46	2,751.74	0.00	0.00
Totals:	6,102.29	66,905.41	0.00	1,236.15

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (ln/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page: 86



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Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.00 in Radial Ice 30 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

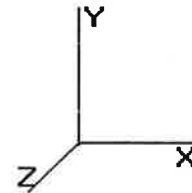
Calculated Forces

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	-66.90	-6.11	0.00	-455.62	0.00	455.62	1,564.13	782.07	1,919.99	948.21	0.00	0.00	0.238
1.00	-66.62	-6.10	0.00	-449.50	0.00	449.50	1,559.62	779.81	1,903.83	940.23	0.00	-0.02	0.236
2.00	-66.34	-6.08	0.00	-443.41	0.00	443.41	1,555.07	777.54	1,887.68	932.25	0.01	-0.04	0.234
3.00	-66.05	-6.06	0.00	-437.33	0.00	437.33	1,550.48	775.24	1,871.54	924.28	0.02	-0.06	0.232
4.00	-65.75	-6.05	0.00	-431.27	0.00	431.27	1,545.83	772.92	1,855.40	916.31	0.04	-0.08	0.230
5.00	-65.46	-6.03	0.00	-425.22	0.00	425.22	1,541.15	770.57	1,839.28	908.35	0.06	-0.11	0.227
6.00	-64.91	-5.99	0.00	-419.19	0.00	419.19	1,536.41	768.21	1,823.16	900.39	0.08	-0.13	0.225
7.00	-64.35	-5.96	0.00	-413.20	0.00	413.20	1,531.63	765.82	1,807.05	892.44	0.11	-0.15	0.223
8.00	-63.80	-5.92	0.00	-407.24	0.00	407.24	1,526.81	763.40	1,790.96	884.49	0.14	-0.17	0.221
9.00	-63.24	-5.89	0.00	-401.32	0.00	401.32	1,521.94	760.97	1,774.88	876.55	0.18	-0.19	0.219
10.00	-62.68	-5.86	0.00	-395.42	0.00	395.42	1,517.03	758.51	1,758.81	868.61	0.22	-0.21	0.216
11.00	-62.13	-5.83	0.00	-389.57	0.00	389.57	1,512.06	756.03	1,742.76	860.68	0.27	-0.23	0.214
12.00	-61.57	-5.80	0.00	-383.74	0.00	383.74	1,507.06	753.53	1,726.72	852.76	0.32	-0.25	0.212
13.00	-61.02	-5.77	0.00	-377.94	0.00	377.94	1,502.01	751.00	1,710.70	844.85	0.38	-0.27	0.210
14.00	-60.47	-5.74	0.00	-372.17	0.00	372.17	1,496.91	748.46	1,694.70	836.95	0.44	-0.29	0.208
15.00	-59.92	-5.71	0.00	-366.43	0.00	366.43	1,491.77	745.88	1,678.72	829.05	0.50	-0.31	0.205
16.00	-59.37	-5.69	0.00	-360.72	0.00	360.72	1,486.58	743.29	1,662.75	821.17	0.57	-0.34	0.203
17.00	-58.82	-5.66	0.00	-355.03	0.00	355.03	1,481.35	740.67	1,646.81	813.30	0.64	-0.36	0.201
18.00	-58.28	-5.63	0.00	-349.37	0.00	349.37	1,476.07	738.04	1,630.88	805.43	0.72	-0.38	0.199
19.00	-57.73	-5.61	0.00	-343.74	0.00	343.74	1,470.75	735.37	1,614.98	797.58	0.80	-0.40	0.196
20.00	-57.19	-5.58	0.00	-338.13	0.00	338.13	1,465.38	732.69	1,599.10	789.74	0.88	-0.42	0.194
21.00	-56.65	-5.56	0.00	-332.54	0.00	332.54	1,459.96	729.98	1,583.25	781.91	0.97	-0.44	0.192
22.00	-56.11	-5.54	0.00	-326.98	0.00	326.98	1,454.50	727.25	1,567.42	774.09	1.07	-0.46	0.190
23.00	-55.57	-5.51	0.00	-321.45	0.00	321.45	1,449.00	724.50	1,551.61	766.28	1.17	-0.48	0.187
24.00	-55.03	-5.49	0.00	-315.94	0.00	315.94	1,443.45	721.72	1,535.83	758.49	1.27	-0.50	0.185
25.00	-54.50	-5.47	0.00	-310.45	0.00	310.45	1,437.85	718.92	1,520.08	750.71	1.38	-0.52	0.183
26.00	-53.96	-5.44	0.00	-304.98	0.00	304.98	1,432.21	716.10	1,504.36	742.95	1.49	-0.54	0.181
27.00	-53.43	-5.42	0.00	-299.54	0.00	299.54	1,426.52	713.26	1,488.67	735.20	1.60	-0.56	0.178
28.00	-52.90	-5.40	0.00	-294.12	0.00	294.12	1,420.79	710.39	1,473.01	727.46	1.72	-0.58	0.176
29.00	-52.37	-5.37	0.00	-288.72	0.00	288.72	1,415.01	707.51	1,457.38	719.74	1.84	-0.60	0.174
29.33	-52.20	-5.37	0.00	-286.95	0.00	286.95	1,413.09	706.55	1,452.23	717.20	1.89	-0.60	0.173
30.00	-51.79	-5.35	0.00	-283.35	0.00	283.35	1,409.19	704.59	1,441.78	712.04	1.97	-0.62	0.168
31.00	-51.18	-5.33	0.00	-278.00	0.00	278.00	1,403.32	701.66	1,426.22	704.35	2.10	-0.64	0.166
32.00	-50.57	-5.31	0.00	-272.67	0.00	272.67	1,397.40	698.70	1,410.69	696.68	2.24	-0.66	0.164
32.83	-50.07	-5.28	0.00	-268.26	0.00	268.26	1,130.07	565.03	1,157.93	571.86	2.35	-0.67	0.203
33.00	-49.98	-5.28	0.00	-267.37	0.00	267.37	1,129.20	564.60	1,155.73	570.77	2.38	-0.67	0.202
34.00	-49.46	-5.26	0.00	-262.08	0.00	262.08	1,124.06	562.03	1,142.81	564.39	2.52	-0.69	0.200
35.00	-48.93	-5.23	0.00	-256.83	0.00	256.83	1,119.12	559.56	1,130.16	558.15	2.67	-0.71	0.197
36.00	-48.41	-5.21	0.00	-251.59	0.00	251.59	1,111.65	555.82	1,115.04	550.68	2.82	-0.73	0.194
37.00	-47.89	-5.19	0.00	-246.38	0.00	246.38	1,104.17	552.09	1,100.02	543.26	2.97	-0.75	0.192
38.00	-47.37	-5.16	0.00	-241.20	0.00	241.20	1,096.70	548.35	1,085.11	535.89	3.13	-0.76	0.189
39.00	-46.86	-5.14	0.00	-236.04	0.00	236.04	1,089.22	544.61	1,070.29	528.58	3.29	-0.78	0.187
40.00	-46.34	-5.11	0.00	-230.90	0.00	230.90	1,081.75	540.87	1,055.58	521.31	3.46	-0.80	0.184
41.00	-45.83	-5.09	0.00	-225.79	0.00	225.79	1,074.28	537.14	1,040.96	514.09	3.63	-0.82	0.182
42.00	-45.31	-5.06	0.00	-220.70	0.00	220.70	1,066.80	533.40	1,026.45	506.93	3.80	-0.83	0.179
43.00	-44.80	-5.03	0.00	-215.64	0.00	215.64	1,059.33	529.66	1,012.05	499.81	3.98	-0.85	0.176
44.00	-44.29	-5.01	0.00	-210.61	0.00	210.61	1,051.85	525.93	997.74	492.75	4.16	-0.87	0.174
45.00	-43.78	-4.98	0.00	-205.60	0.00	205.60	1,044.38	522.19	983.54	485.73	4.34	-0.89	0.171
46.00	-43.27	-4.96	0.00	-200.62	0.00	200.62	1,036.90	518.45	969.43	478.77	4.53	-0.90	0.168
47.00	-42.76	-4.93	0.00	-195.66	0.00	195.66	1,029.43	514.72	955.43	471.85	4.72	-0.92	0.166
47.00	-42.76	-4.93	0.00	-195.66	0.00	195.66	1,029.43	514.72	955.43	471.85	4.72	-0.92	0.166

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:27 AM
 Page : 87



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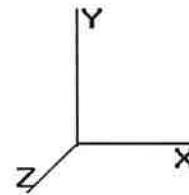
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

48.00	-42.26	-4.90	0.00	-190.74	0.00	190.74	1,021.96	510.98	941.53	464.99	4.92	-0.94	0.163
49.00	-41.75	-4.87	0.00	-185.83	0.00	185.83	1,014.48	507.24	927.74	458.17	5.11	-0.95	0.160
50.00	-41.25	-4.85	0.00	-180.96	0.00	180.96	1,007.01	503.50	914.04	451.41	5.32	-0.97	0.157
51.00	-40.75	-4.82	0.00	-176.11	0.00	176.11	999.53	499.77	900.45	444.70	5.52	-0.98	0.154
52.00	-40.24	-4.79	0.00	-171.29	0.00	171.29	992.06	496.03	886.96	438.03	5.73	-1.00	0.152
53.00	-39.74	-4.76	0.00	-166.50	0.00	166.50	984.59	492.29	873.57	431.42	5.94	-1.01	0.149
54.00	-39.25	-4.73	0.00	-161.74	0.00	161.74	977.11	488.56	860.28	424.86	6.15	-1.03	0.146
55.00	-38.75	-4.70	0.00	-157.01	0.00	157.01	969.64	484.82	847.09	418.35	6.37	-1.04	0.143
56.00	-38.25	-4.68	0.00	-152.30	0.00	152.30	962.16	481.08	834.01	411.89	6.59	-1.06	0.140
57.00	-37.75	-4.65	0.00	-147.63	0.00	147.63	954.69	477.34	821.03	405.47	6.82	-1.07	0.137
58.00	-37.26	-4.62	0.00	-142.98	0.00	142.98	947.21	473.61	808.15	399.11	7.04	-1.09	0.134
59.00	-36.76	-4.59	0.00	-138.37	0.00	138.37	939.74	469.87	795.37	392.80	7.27	-1.10	0.131
60.00	-36.27	-4.56	0.00	-133.78	0.00	133.78	932.27	466.13	782.69	386.54	7.50	-1.12	0.128
61.00	-35.78	-4.53	0.00	-129.23	0.00	129.23	924.79	462.40	770.12	380.33	7.74	-1.13	0.125
62.00	-35.29	-4.49	0.00	-124.70	0.00	124.70	917.32	458.66	757.64	374.17	7.98	-1.14	0.122
62.92	-34.84	-4.46	0.00	-120.58	0.00	120.58	910.47	455.23	746.30	368.57	8.20	-1.16	0.119
63.00	-34.79	-4.46	0.00	-120.21	0.00	120.21	909.84	454.92	745.27	368.06	8.22	-1.16	0.117
64.00	-34.25	-4.43	0.00	-115.75	0.00	115.75	902.37	451.18	733.00	362.00	8.46	-1.17	0.113
65.00	-33.71	-4.40	0.00	-111.32	0.00	111.32	894.90	447.45	720.83	355.99	8.71	-1.18	0.110
65.75	-33.31	-4.37	0.00	-108.02	0.00	108.02	887.43	443.72	708.76	349.98	8.95	-1.19	0.107
66.00	-33.10	-4.34	0.00	-106.89	0.00	106.89	884.96	442.00	706.29	348.47	8.98	-1.19	0.107
67.00	-32.63	-4.31	0.00	-102.55	0.00	102.55	877.49	438.27	693.82	341.96	9.22	-1.21	0.115
68.00	-32.17	-4.28	0.00	-98.24	0.00	98.24	870.02	434.54	681.35	335.45	9.46	-1.22	0.112
69.00	-31.71	-4.25	0.00	-93.96	0.00	93.96	862.55	430.81	668.88	328.94	9.70	-1.23	0.108
70.00	-31.05	-4.15	0.00	-89.71	0.00	89.71	855.08	427.08	656.41	322.43	9.94	-1.24	0.104
71.00	-30.60	-4.12	0.00	-85.57	0.00	85.57	847.61	423.35	643.94	315.92	10.18	-1.25	0.100
72.00	-30.16	-4.08	0.00	-81.45	0.00	81.45	840.14	419.62	631.47	309.41	10.42	-1.26	0.096
73.00	-28.39	-3.82	0.00	-77.20	0.00	77.20	832.67	415.89	619.00	302.90	10.66	-1.27	0.091
74.00	-27.95	-3.79	0.00	-73.38	0.00	73.38	825.20	412.16	606.53	296.39	10.90	-1.28	0.087
75.00	-27.51	-3.76	0.00	-69.59	0.00	69.59	817.73	408.43	594.06	289.88	11.14	-1.29	0.084
76.00	-27.06	-3.72	0.00	-65.83	0.00	65.83	810.26	404.70	581.59	283.37	11.38	-1.30	0.080
77.00	-26.62	-3.69	0.00	-62.11	0.00	62.11	802.79	400.97	569.12	276.86	11.62	-1.31	0.077
77.50	-26.40	-3.67	0.00	-60.27	0.00	60.27	800.32	399.25	566.65	275.35	11.65	-1.31	0.075
77.50	-26.40	-3.67	0.00	-60.27	0.00	60.27	800.32	399.25	566.65	275.35	11.65	-1.31	0.075
78.00	-26.21	-3.66	0.00	-58.44	0.00	58.44	797.85	397.52	564.18	273.84	11.68	-1.31	0.073
79.00	-25.83	-3.64	0.00	-54.78	0.00	54.78	790.38	393.79	551.71	267.33	11.92	-1.32	0.070
80.00	-20.11	-2.78	0.00	-51.14	0.00	51.14	782.91	389.06	539.24	260.82	12.16	-1.33	0.067
81.00	-19.82	-2.75	0.00	-48.37	0.00	48.37	775.44	385.33	526.77	254.31	12.40	-1.34	0.064
82.00	-19.56	-2.73	0.00	-45.61	0.00	45.61	767.97	381.60	514.30	247.80	12.64	-1.35	0.061
83.00	-19.30	-2.71	0.00	-42.89	0.00	42.89	760.50	377.87	501.83	241.29	12.88	-1.36	0.058
84.00	-19.05	-2.68	0.00	-40.18	0.00	40.18	753.03	374.14	489.36	234.78	13.12	-1.37	0.055
85.00	-18.79	-2.66	0.00	-37.50	0.00	37.50	745.56	370.41	476.89	228.27	13.36	-1.38	0.052
86.00	-18.54	-2.63	0.00	-34.84	0.00	34.84	738.09	366.68	464.42	221.76	13.60	-1.39	0.049
87.00	-18.29	-2.61	0.00	-32.21	0.00	32.21	730.62	362.95	451.95	215.25	13.84	-1.40	0.046
88.00	-18.04	-2.58	0.00	-29.60	0.00	29.60	723.15	359.22	439.48	208.74	14.08	-1.41	0.043
89.00	-17.78	-2.55	0.00	-27.02	0.00	27.02	715.68	355.49	427.01	202.23	14.32	-1.42	0.040
89.50	-13.81	-1.94	0.00	-25.51	0.00	25.51	713.21	353.77	424.54	200.72	14.35	-1.42	0.040
90.00	-13.73	-1.93	0.00	-24.55	0.00	24.55	710.74	352.04	422.07	199.21	14.38	-1.42	0.040
91.00	-13.57	-1.92	0.00	-22.62	0.00	22.62	708.27	350.32	419.60	197.70	14.41	-1.42	0.040
92.00	-13.42	-1.90	0.00	-20.70	0.00	20.70	705.80	348.59	417.13	196.19	14.44	-1.42	0.040
93.00	-13.26	-1.89	0.00	-18.80	0.00	18.80	703.33	346.87	414.66	194.68	14.47	-1.42	0.040
94.00	-13.10	-1.87	0.00	-16.91	0.00	16.91	700.86	345.14	412.19	193.17	14.50	-1.42	0.040
95.00	-12.95	-1.86	0.00	-15.04	0.00	15.04	698.39	343.42	409.72	191.66	14.53	-1.42	0.040
96.00	-12.61	-1.81	0.00	-13.15	0.00	13.15	695.92	341.69	407.25	190.15	14.56	-1.42	0.040
97.00	-12.47	-1.79	0.00	-11.34	0.00	11.34	693.45	339.97	404.78	188.64	14.59	-1.42	0.040
98.00	-12.32	-1.78	0.00	-9.54	0.00	9.54	690.98	338.24	402.31	187.13	14.62	-1.42	0.040
99.00	-12.18	-1.76	0.00	-7.77	0.00	7.77	688.51	336.52	399.84	185.62	14.65	-1.42	0.040

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:28 AI
 Page: 88



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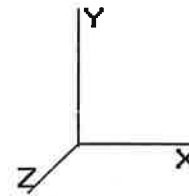
Load Case: 1.2D + 1.0Di + 1.0Wi	50.00 mph with 1.00 in Radial Ice	30 Iterations
Gust Response Factor : 1.10	Ice Dead Load Factor : 1.00	Wind Importance Factor : 1.00
Dead Load Factor : 1.20		Ice Importance Factor : 1.00
Wind Load Factor : 1.00		

100.00	-3.96	-0.60	0.00	-5.24	0.00	5.24	489.95	244.98	288.00	142.23	19.63	-1.83	0.045
100.00	-3.96	-0.60	0.00	-5.24	0.00	5.24	459.24	229.62	229.69	150.79	19.63	-1.83	0.043
101.00	-3.83	-0.58	0.00	-4.64	0.00	4.64	459.24	229.62	229.69	150.79	20.01	-1.84	0.039
102.00	-3.69	-0.56	0.00	-4.06	0.00	4.06	459.24	229.62	229.69	150.79	20.40	-1.84	0.035
103.00	-3.55	-0.55	0.00	-3.50	0.00	3.50	459.24	229.62	229.69	150.79	20.78	-1.85	0.031
104.00	-3.42	-0.53	0.00	-2.95	0.00	2.95	459.24	229.62	229.69	150.79	21.17	-1.85	0.027
105.00	-3.28	-0.52	0.00	-2.42	0.00	2.42	459.24	229.62	229.69	150.79	21.56	-1.85	0.023
106.00	-3.15	-0.50	0.00	-1.90	0.00	1.90	459.24	229.62	229.69	150.79	21.95	-1.85	0.019
107.00	-3.01	-0.48	0.00	-1.40	0.00	1.40	459.24	229.62	229.69	150.79	22.34	-1.86	0.016
108.00	-2.87	-0.47	0.00	-0.92	0.00	0.92	459.24	229.62	229.69	150.79	22.72	-1.86	0.012
109.00	-2.74	-0.45	0.00	-0.45	0.00	0.45	459.24	229.62	229.69	150.79	23.11	-1.86	0.009
110.00	0.00	-0.36	0.00	0.00	0.00	0.00	459.24	229.62	229.69	150.79	23.50	-1.86	0.000

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:28 AM
 Page: 89



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Load Case: 1.2D + 1.0E	Dead Load with Seismic	27 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
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

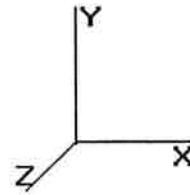
R: 1.50

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		81.27	0.00	0.01	0.01	1.07
2.00		80.82	0.00	0.02	0.01	1.77
3.00		80.37	0.00	0.03	0.02	2.28
4.00		79.92	0.00	0.03	0.02	2.65
5.00		79.47	0.00	0.04	0.02	2.94
6.00		79.03	0.01	0.05	0.03	3.17
7.00		78.58	0.01	0.05	0.03	3.34
8.00		78.13	0.01	0.05	0.03	3.47
9.00		77.68	0.01	0.06	0.03	3.58
10.00		77.23	0.02	0.06	0.04	3.66
11.00		76.78	0.02	0.06	0.04	3.72
12.00		76.33	0.02	0.07	0.04	3.77
13.00		75.89	0.03	0.07	0.04	3.80
14.00		75.44	0.03	0.07	0.04	3.83
15.00		74.99	0.04	0.07	0.04	3.84
16.00		74.54	0.04	0.07	0.04	3.85
17.00		74.09	0.05	0.07	0.04	3.86
18.00		73.64	0.05	0.07	0.04	3.87
19.00		73.19	0.06	0.07	0.04	3.87
20.00		72.75	0.06	0.07	0.04	3.87
21.00		72.30	0.07	0.07	0.04	3.87
22.00		71.85	0.08	0.07	0.04	3.87
23.00		71.40	0.08	0.07	0.04	3.87
24.00		70.95	0.09	0.07	0.04	3.88
25.00		70.50	0.10	0.07	0.04	3.88
26.00		70.05	0.11	0.07	0.04	3.88
27.00		69.61	0.11	0.07	0.04	3.89
28.00		69.16	0.12	0.07	0.03	3.89
29.00		68.71	0.13	0.07	0.03	3.90
29.33	Bot - Section 2	22.57	0.13	0.07	0.03	1.28
30.00		92.30	0.14	0.07	0.03	5.27
31.00		136.99	0.15	0.07	0.03	7.88
32.00		136.10	0.16	0.07	0.03	7.88
32.83	Top - Section 1	112.26	0.17	0.07	0.03	6.53
33.00		11.58	0.17	0.07	0.03	0.67
34.00		67.84	0.18	0.07	0.03	3.97
35.00		67.39	0.19	0.06	0.02	3.95
36.00		66.94	0.20	0.06	0.02	3.93
37.00		66.49	0.21	0.06	0.02	3.91
38.00		66.04	0.23	0.06	0.02	3.87
39.00		65.59	0.24	0.06	0.02	3.82
40.00		65.14	0.25	0.06	0.02	3.76
41.00		64.70	0.26	0.05	0.02	3.68
42.00		64.25	0.28	0.05	0.01	3.59
43.00		63.80	0.29	0.05	0.01	3.47
44.00		63.35	0.30	0.04	0.01	3.34
45.00		62.90	0.32	0.04	0.01	3.17
46.00		62.45	0.33	0.04	0.01	2.98
47.00	Reinf. Top Reinf	62.00	0.35	0.03	0.01	2.77
48.00		61.56	0.36	0.03	0.01	2.52

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:28 AM
 Page: 90



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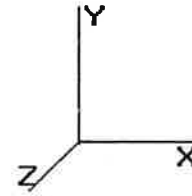
Load Case: 1.2D + 1.0E	Dead Load with Seismic	27 Iterations
Gust Response Factor : 1.10	Seismic Load Factor : 1.00	Sds : 0.26
Dead Load Factor : 1.20	Structure Frequency : 0.2830	Sd1 : 0.10
Wind Load Factor : 0.00		SA : 0.03
		Ss : 0.24
		S1 : 0.06
		Seismic Importance Factor : 1.00

49.00	61.11	0.38	0.03	0.01	2.24
50.00	60.66	0.39	0.02	0.01	1.92
51.00	60.21	0.41	0.02	0.01	1.58
52.00	59.76	0.42	0.01	0.01	1.21
53.00	59.31	0.44	0.01	0.01	0.82
54.00	58.86	0.46	0.00	0.01	0.41
55.00	58.42	0.47	-0.01	0.01	-0.01
56.00	57.97	0.49	-0.01	0.01	-0.44
57.00	57.52	0.51	-0.02	0.01	-0.85
58.00	57.07	0.53	-0.03	0.01	-1.26
59.00	56.62	0.54	-0.03	0.01	-1.64
60.00	56.17	0.56	-0.04	0.01	-1.99
61.00	55.72	0.58	-0.05	0.01	-2.31
62.00	55.28	0.60	-0.05	0.01	-2.59
62.92	50.27	0.62	-0.06	0.02	-2.58
63.00	8.05	0.62	-0.06	0.02	-0.42
64.00	96.06	0.64	-0.07	0.02	-5.36
65.00	95.28	0.66	-0.07	0.02	-5.65
65.75	70.93	0.68	-0.08	0.03	-4.37
66.00	42.03	0.68	-0.08	0.03	-2.62
67.00	40.67	0.70	-0.09	0.03	-2.62
68.00	40.34	0.72	-0.09	0.03	-2.67
69.00	40.00	0.74	-0.10	0.04	-2.69
70.00	166.66	0.77	-0.10	0.04	-11.27
71.00	39.33	0.79	-0.11	0.05	-2.66
72.00	38.99	0.81	-0.11	0.06	-2.61
73.00	165.66	0.83	-0.12	0.06	-10.88
74.00	38.32	0.86	-0.12	0.07	-2.45
75.00	37.98	0.88	-0.12	0.08	-2.35
76.00	37.65	0.90	-0.12	0.09	-2.23
77.00	37.31	0.93	-0.12	0.10	-2.09
77.50	18.53	0.94	-0.12	0.10	-1.01
78.00	18.44	0.95	-0.12	0.11	-0.97
79.00	36.64	0.97	-0.12	0.12	-1.77
80.00	929.10	1.00	-0.11	0.13	-40.61
81.00	35.96	1.02	-0.10	0.14	-1.39
82.00	35.63	1.05	-0.09	0.16	-1.18
83.00	35.29	1.08	-0.08	0.17	-0.96
84.00	34.95	1.10	-0.07	0.19	-0.73
85.00	34.62	1.13	-0.05	0.20	-0.48
86.00	34.28	1.16	-0.03	0.22	-0.22
87.00	33.95	1.18	-0.01	0.24	0.04
88.00	33.61	1.21	0.01	0.26	0.32
89.00	33.27	1.24	0.04	0.28	0.61
89.50	334.31	1.25	0.06	0.29	7.66
90.00	16.43	1.27	0.08	0.31	0.45
91.00	32.60	1.29	0.11	0.33	1.22
92.00	32.26	1.32	0.15	0.36	1.53
93.00	31.93	1.35	0.20	0.38	1.86
94.00	31.59	1.38	0.25	0.41	2.19
95.00	31.25	1.41	0.30	0.44	2.54
96.00	157.92	1.44	0.36	0.47	14.73
97.00	30.58	1.47	0.43	0.51	3.24
98.00	30.24	1.50	0.50	0.54	3.60
99.00	29.91	1.53	0.58	0.58	3.97
100.0	3054.97	1.56	0.67	0.62	449.44
101.0	49.61	1.59	0.76	0.66	8.03

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:28 AM
 Page: 91



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Load Case: 1.2D + 1.0E	Dead Load with Seismic	27 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
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

102.0	49.61	1.63	0.86	0.70	8.79	
103.0	49.61	1.66	0.97	0.75	9.57	
104.0	49.61	1.69	1.08	0.80	10.38	
105.0	49.61	1.72	1.21	0.85	11.22	
106.0	49.61	1.76	1.34	0.90	12.08	
107.0	49.61	1.79	1.49	0.96	12.97	
108.0	49.61	1.82	1.64	1.02	13.89	
109.0	49.61	1.86	1.80	1.08	14.83	
110.0	Aperture(s)	942.41	1.89	1.98	1.14	300.23
	Totals:	12,034.26				961.08

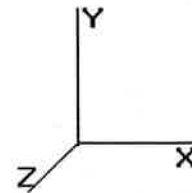
Total Wind : 23,300.7

Seismic Base Shear Not Tested Due To User Override - Analysis Required

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:29 AM
 Page: 92



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Load Case: 1.2D + 1.0E	Dead Load with Seismic	27 Iterations
Gust Response Factor : 1.10	Sds : 0.26	Ss : 0.24
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	S1 : 0.06
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

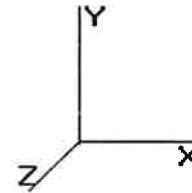
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-27.19	-1.09	0.00	-103.38	0.00	103.38	1,564.13	782.07	1,919.99	948.21	0.00	0.00	0.058
1.00	-27.03	-1.09	0.00	-102.29	0.00	102.29	1,559.62	779.81	1,903.83	940.23	0.00	0.00	0.058
2.00	-26.87	-1.09	0.00	-101.20	0.00	101.20	1,555.07	777.54	1,887.68	932.25	0.00	-0.01	0.057
3.00	-26.70	-1.09	0.00	-100.12	0.00	100.12	1,550.48	775.24	1,871.54	924.28	0.00	-0.01	0.057
4.00	-26.54	-1.09	0.00	-99.03	0.00	99.03	1,545.83	772.92	1,855.40	916.31	0.01	-0.02	0.057
5.00	-26.38	-1.09	0.00	-97.94	0.00	97.94	1,541.15	770.57	1,839.28	908.35	0.01	-0.02	0.056
6.00	-26.16	-1.08	0.00	-96.86	0.00	96.86	1,536.41	768.21	1,823.16	900.39	0.02	-0.03	0.056
7.00	-25.93	-1.08	0.00	-95.77	0.00	95.77	1,531.63	765.82	1,807.05	892.44	0.03	-0.03	0.056
8.00	-25.71	-1.08	0.00	-94.69	0.00	94.69	1,526.81	763.40	1,790.96	884.49	0.03	-0.04	0.055
9.00	-25.49	-1.08	0.00	-93.61	0.00	93.61	1,521.94	760.97	1,774.88	876.55	0.04	-0.04	0.055
10.00	-25.27	-1.08	0.00	-92.53	0.00	92.53	1,517.03	758.51	1,758.81	868.61	0.05	-0.05	0.054
11.00	-25.05	-1.08	0.00	-91.45	0.00	91.45	1,512.06	756.03	1,742.76	860.68	0.06	-0.05	0.054
12.00	-24.83	-1.07	0.00	-90.37	0.00	90.37	1,507.06	753.53	1,726.72	852.76	0.07	-0.06	0.054
13.00	-24.61	-1.07	0.00	-89.30	0.00	89.30	1,502.01	751.00	1,710.70	844.85	0.09	-0.06	0.053
14.00	-24.39	-1.07	0.00	-88.23	0.00	88.23	1,496.91	748.46	1,694.70	836.95	0.10	-0.07	0.053
15.00	-24.17	-1.07	0.00	-87.16	0.00	87.16	1,491.77	745.88	1,678.72	829.05	0.12	-0.07	0.052
16.00	-23.95	-1.07	0.00	-86.09	0.00	86.09	1,486.58	743.29	1,662.75	821.17	0.13	-0.08	0.052
17.00	-23.74	-1.06	0.00	-85.02	0.00	85.02	1,481.35	740.67	1,646.81	813.30	0.15	-0.08	0.052
18.00	-23.52	-1.06	0.00	-83.95	0.00	83.95	1,476.07	738.04	1,630.88	805.43	0.17	-0.09	0.051
19.00	-23.30	-1.06	0.00	-82.89	0.00	82.89	1,470.75	735.37	1,614.98	797.58	0.18	-0.09	0.051
20.00	-23.09	-1.06	0.00	-81.83	0.00	81.83	1,465.38	732.69	1,599.10	789.74	0.20	-0.10	0.050
21.00	-22.87	-1.06	0.00	-80.77	0.00	80.77	1,459.96	729.98	1,583.25	781.91	0.23	-0.10	0.050
22.00	-22.66	-1.05	0.00	-79.72	0.00	79.72	1,454.50	727.25	1,567.42	774.09	0.25	-0.11	0.049
23.00	-22.45	-1.05	0.00	-78.66	0.00	78.66	1,449.00	724.50	1,551.61	766.28	0.27	-0.11	0.049
24.00	-22.23	-1.05	0.00	-77.61	0.00	77.61	1,443.45	721.72	1,535.83	758.49	0.29	-0.12	0.049
25.00	-22.02	-1.05	0.00	-76.56	0.00	76.56	1,437.85	718.92	1,520.08	750.71	0.32	-0.12	0.048
26.00	-21.81	-1.04	0.00	-75.52	0.00	75.52	1,432.21	716.10	1,504.36	742.95	0.35	-0.13	0.048
27.00	-21.60	-1.04	0.00	-74.47	0.00	74.47	1,426.52	713.26	1,488.67	735.20	0.37	-0.13	0.047
28.00	-21.38	-1.04	0.00	-73.43	0.00	73.43	1,420.79	710.39	1,473.01	727.46	0.40	-0.14	0.047
29.00	-21.17	-1.04	0.00	-72.39	0.00	72.39	1,415.01	707.51	1,457.38	719.74	0.43	-0.14	0.046
29.33	-21.10	-1.04	0.00	-72.05	0.00	72.05	1,413.09	706.55	1,452.23	717.20	0.44	-0.14	0.046
30.00	-20.91	-1.03	0.00	-71.36	0.00	71.36	1,409.19	704.59	1,441.78	712.04	0.46	-0.15	0.045
31.00	-20.61	-1.02	0.00	-70.33	0.00	70.33	1,403.32	701.66	1,426.22	704.35	0.49	-0.15	0.045
32.00	-20.32	-1.02	0.00	-69.30	0.00	69.30	1,397.40	698.70	1,410.69	696.68	0.52	-0.16	0.044
32.83	-20.08	-1.01	0.00	-68.46	0.00	68.46	1,130.07	565.03	1,157.93	571.86	0.55	-0.16	0.055
33.00	-20.05	-1.01	0.00	-68.29	0.00	68.29	1,129.20	564.60	1,155.73	570.77	0.56	-0.16	0.055
34.00	-19.84	-1.01	0.00	-67.28	0.00	67.28	1,124.06	562.03	1,142.81	564.39	0.59	-0.17	0.054
35.00	-19.63	-1.00	0.00	-66.27	0.00	66.27	1,119.12	559.56	1,130.16	558.15	0.63	-0.17	0.054
36.00	-19.42	-1.00	0.00	-65.26	0.00	65.26	1,111.65	555.82	1,115.04	550.68	0.66	-0.18	0.053
37.00	-19.21	-1.00	0.00	-64.26	0.00	64.26	1,104.17	552.09	1,100.02	543.26	0.70	-0.18	0.053
38.00	-19.00	-1.00	0.00	-63.26	0.00	63.26	1,096.70	548.35	1,085.11	535.89	0.74	-0.18	0.053
39.00	-18.80	-0.99	0.00	-62.27	0.00	62.27	1,089.22	544.61	1,070.29	528.58	0.78	-0.19	0.052
40.00	-18.59	-0.99	0.00	-61.27	0.00	61.27	1,081.75	540.87	1,055.58	521.31	0.82	-0.19	0.052
41.00	-18.38	-0.99	0.00	-60.28	0.00	60.28	1,074.28	537.14	1,040.96	514.09	0.86	-0.20	0.051
42.00	-18.18	-0.98	0.00	-59.30	0.00	59.30	1,066.80	533.40	1,026.45	506.93	0.90	-0.20	0.051
43.00	-17.97	-0.98	0.00	-58.31	0.00	58.31	1,059.33	529.66	1,012.05	499.81	0.95	-0.21	0.050
44.00	-17.77	-0.98	0.00	-57.33	0.00	57.33	1,051.85	525.93	997.74	492.75	0.99	-0.21	0.050
45.00	-17.57	-0.98	0.00	-56.35	0.00	56.35	1,044.38	522.19	983.54	485.73	1.03	-0.22	0.049
46.00	-17.36	-0.97	0.00	-55.38	0.00	55.38	1,036.90	518.45	969.43	478.77	1.08	-0.22	0.049
47.00	-17.16	-0.97	0.00	-54.40	0.00	54.40	1,029.43	514.72	955.43	471.85	1.13	-0.23	0.048
47.00	-17.16	-0.97	0.00	-54.40	0.00	54.40	1,029.43	514.72	955.43	471.85	1.13	-0.23	0.048

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:29 AM
 Page: 93



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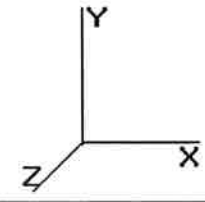
Load Case: 1.2D + 1.0E	Dead Load with Seismic	27 Iterations
Gust Response Factor : 1.10	Sds : 0.26	Ss : 0.24
Dead Load Factor : 1.20	Sd1 : 0.10	S1 : 0.06
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

48.00	-16.96	-0.97	0.00	-53.43	0.00	53.43	1,021.96	510.98	941.53	464.99	1.18	-0.23	0.048
49.00	-16.76	-0.97	0.00	-52.46	0.00	52.46	1,014.48	507.24	927.74	458.17	1.22	-0.24	0.047
50.00	-16.56	-0.97	0.00	-51.49	0.00	51.49	1,007.01	503.50	914.04	451.41	1.27	-0.24	0.047
51.00	-16.36	-0.97	0.00	-50.52	0.00	50.52	999.53	499.77	900.45	444.70	1.33	-0.24	0.046
52.00	-16.16	-0.96	0.00	-49.56	0.00	49.56	992.06	496.03	886.96	438.03	1.38	-0.25	0.046
53.00	-15.96	-0.96	0.00	-48.59	0.00	48.59	984.59	492.29	873.57	431.42	1.43	-0.25	0.045
54.00	-15.76	-0.96	0.00	-47.63	0.00	47.63	977.11	488.56	860.28	424.86	1.48	-0.26	0.045
55.00	-15.56	-0.96	0.00	-46.67	0.00	46.67	969.64	484.82	847.09	418.35	1.54	-0.26	0.044
56.00	-15.36	-0.97	0.00	-45.70	0.00	45.70	962.16	481.08	834.01	411.89	1.59	-0.27	0.044
57.00	-15.16	-0.97	0.00	-44.74	0.00	44.74	954.69	477.34	821.03	405.47	1.65	-0.27	0.043
58.00	-14.97	-0.97	0.00	-43.77	0.00	43.77	947.21	473.61	808.15	399.11	1.71	-0.28	0.043
59.00	-14.77	-0.97	0.00	-42.81	0.00	42.81	939.74	469.87	795.37	392.80	1.77	-0.28	0.042
60.00	-14.58	-0.97	0.00	-41.84	0.00	41.84	932.27	466.13	782.69	386.54	1.82	-0.28	0.042
61.00	-14.38	-0.97	0.00	-40.87	0.00	40.87	924.79	462.40	770.12	380.33	1.88	-0.29	0.041
62.00	-14.19	-0.97	0.00	-39.91	0.00	39.91	917.32	458.66	757.64	374.17	1.95	-0.29	0.040
62.92	-14.01	-0.97	0.00	-39.02	0.00	39.02	910.47	455.23	746.30	368.57	2.00	-0.30	0.040
63.00	-13.99	-0.97	0.00	-38.94	0.00	38.94	909.84	454.92	745.27	368.06	2.01	-0.30	0.039
64.00	-13.74	-0.97	0.00	-37.98	0.00	37.98	902.37	451.18	733.00	362.00	2.07	-0.30	0.038
65.00	-13.50	-0.97	0.00	-37.01	0.00	37.01	894.90	447.45	720.83	355.99	2.13	-0.31	0.038
65.75	-13.32	-0.96	0.00	-36.29	0.00	36.29	887.43	443.72	708.66	349.93	2.19	-0.31	0.037
66.00	-13.27	-0.97	0.00	-36.04	0.00	36.04	880.96	440.00	696.49	343.86	2.25	-0.31	0.036
67.00	-13.09	-0.97	0.00	-35.08	0.00	35.08	874.49	436.28	684.32	337.79	2.31	-0.31	0.035
68.00	-12.92	-0.97	0.00	-34.11	0.00	34.11	868.02	432.56	672.18	331.72	2.37	-0.32	0.034
69.00	-12.74	-0.97	0.00	-33.15	0.00	33.15	861.55	428.84	660.03	325.65	2.43	-0.32	0.033
70.00	-12.51	-0.96	0.00	-32.18	0.00	32.18	855.08	425.12	647.88	319.58	2.49	-0.33	0.032
71.00	-12.34	-0.96	0.00	-31.22	0.00	31.22	848.61	421.40	635.73	313.51	2.55	-0.33	0.031
72.00	-12.16	-0.96	0.00	-30.25	0.00	30.25	842.14	417.68	623.58	307.44	2.61	-0.33	0.030
73.00	-11.35	-0.96	0.00	-29.29	0.00	29.29	835.67	413.96	611.43	301.37	2.67	-0.34	0.029
74.00	-11.18	-0.96	0.00	-28.33	0.00	28.33	829.20	410.24	599.28	295.30	2.73	-0.34	0.028
75.00	-11.01	-0.96	0.00	-27.37	0.00	27.37	822.73	406.52	587.13	289.23	2.79	-0.35	0.027
76.00	-10.83	-0.96	0.00	-26.41	0.00	26.41	816.26	402.80	574.98	283.16	2.85	-0.35	0.026
77.00	-10.66	-0.96	0.00	-25.45	0.00	25.45	809.79	399.08	562.83	277.09	2.91	-0.35	0.025
77.50	-10.58	-0.96	0.00	-24.97	0.00	24.97	804.32	395.36	550.68	271.02	2.97	-0.35	0.024
77.50	-10.58	-0.96	0.00	-24.97	0.00	24.97	804.32	395.36	550.68	271.02	2.97	-0.35	0.128
78.00	-10.52	-0.96	0.00	-24.49	0.00	24.49	798.85	391.64	538.47	264.95	3.03	-0.36	0.127
79.00	-10.42	-0.96	0.00	-23.53	0.00	23.53	793.38	387.92	526.26	258.88	3.09	-0.37	0.126
80.00	-8.81	-0.95	0.00	-22.57	0.00	22.57	787.91	384.20	514.05	252.81	3.15	-0.37	0.125
81.00	-8.72	-0.96	0.00	-21.61	0.00	21.61	782.44	380.48	501.84	246.74	3.21	-0.40	0.117
82.00	-8.63	-0.96	0.00	-20.66	0.00	20.66	776.97	376.76	489.63	240.67	3.27	-0.42	0.114
83.00	-8.54	-0.96	0.00	-19.70	0.00	19.70	771.50	373.04	477.42	234.60	3.33	-0.43	0.111
84.00	-8.45	-0.96	0.00	-18.74	0.00	18.74	766.03	369.32	465.21	228.53	3.39	-0.44	0.109
85.00	-8.37	-0.96	0.00	-17.78	0.00	17.78	760.56	365.60	453.00	222.46	3.45	-0.46	0.105
86.00	-8.28	-0.96	0.00	-16.82	0.00	16.82	755.09	361.88	440.79	216.39	3.51	-0.47	0.102
87.00	-8.19	-0.96	0.00	-15.85	0.00	15.85	749.62	358.16	428.58	210.32	3.57	-0.49	0.099
88.00	-8.11	-0.97	0.00	-14.89	0.00	14.89	744.15	354.44	416.37	204.25	3.63	-0.50	0.095
89.00	-8.02	-0.97	0.00	-13.93	0.00	13.93	738.68	350.72	404.16	198.18	3.69	-0.51	0.092
89.50	-5.86	-0.94	0.00	-13.44	0.00	13.44	733.21	347.00	391.95	192.11	3.75	-0.52	0.086
90.00	-5.83	-0.94	0.00	-12.97	0.00	12.97	727.74	343.28	379.74	186.04	3.81	-0.52	0.084
91.00	-5.76	-0.94	0.00	-12.03	0.00	12.03	722.27	339.56	367.53	180.00	3.87	-0.53	0.080
92.00	-5.70	-0.94	0.00	-11.10	0.00	11.10	716.80	335.84	355.32	174.00	3.93	-0.54	0.076
93.00	-5.63	-0.94	0.00	-10.16	0.00	10.16	711.33	332.12	343.11	168.00	3.99	-0.56	0.072
94.00	-5.56	-0.93	0.00	-9.22	0.00	9.22	705.86	328.40	330.90	162.00	4.05	-0.56	0.067
95.00	-5.50	-0.93	0.00	-8.29	0.00	8.29	700.39	324.68	318.69	156.00	4.11	-0.57	0.063
96.00	-5.41	-0.92	0.00	-7.36	0.00	7.36	694.92	320.96	306.48	150.00	4.17	-0.58	0.058
97.00	-5.34	-0.91	0.00	-6.44	0.00	6.44	689.45	317.24	294.27	144.00	4.23	-0.59	0.053
98.00	-5.28	-0.91	0.00	-5.53	0.00	5.53	683.98	313.52	282.06	138.00	4.29	-0.60	0.048
99.00	-5.22	-0.91	0.00	-4.62	0.00	4.62	678.51	309.80	269.85	132.00	4.35	-0.60	0.042

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:30 AM
 Page: 94



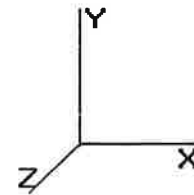
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Load Case: 1.2D + 1.0E	Dead Load with Seismic	27 Iterations
Gust Response Factor : 1.10	Sds : 0.26	Ss : 0.24
Dead Load Factor : 1.20	Seismic Load Factor : 1.00	Sd1 : 0.10
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

100.00	-1.71	-0.42	0.00	-3.71	0.00	3.71	489.95	244.98	288.00	142.23	5.35	-0.61	0.030
100.00	-1.71	-0.42	0.00	-3.71	0.00	3.71	459.24	229.62	229.69	150.79	5.35	-0.61	0.028
101.00	-1.65	-0.41	0.00	-3.29	0.00	3.29	459.24	229.62	229.69	150.79	5.48	-0.61	0.025
102.00	-1.59	-0.40	0.00	-2.88	0.00	2.88	459.24	229.62	229.69	150.79	5.60	-0.62	0.023
103.00	-1.52	-0.39	0.00	-2.48	0.00	2.48	459.24	229.62	229.69	150.79	5.73	-0.62	0.020
104.00	-1.46	-0.38	0.00	-2.09	0.00	2.09	459.24	229.62	229.69	150.79	5.86	-0.62	0.017
105.00	-1.39	-0.37	0.00	-1.71	0.00	1.71	459.24	229.62	229.69	150.79	5.99	-0.62	0.014
106.00	-1.33	-0.36	0.00	-1.34	0.00	1.34	459.24	229.62	229.69	150.79	6.12	-0.62	0.012
107.00	-1.26	-0.34	0.00	-0.98	0.00	0.98	459.24	229.62	229.69	150.79	6.25	-0.62	0.009
108.00	-1.20	-0.33	0.00	-0.64	0.00	0.64	459.24	229.62	229.69	150.79	6.38	-0.63	0.007
109.00	-1.13	-0.31	0.00	-0.31	0.00	0.31	459.24	229.62	229.69	150.79	6.52	-0.63	0.005
110.00	0.00	-0.30	0.00	0.00	0.00	0.00	459.24	229.62	229.69	150.79	6.65	-0.63	0.000

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:30 AM
 Page: 95

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Load Case: 0.9D + 1.0E	Dead Load with Seismic (Reduced DL)	27 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
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

Total Segment Forces (Factored)

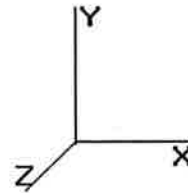
R: 1.50

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		81.27	0.00	0.01	0.01	1.07
2.00		80.82	0.00	0.02	0.01	1.77
3.00		80.37	0.00	0.03	0.02	2.28
4.00		79.92	0.00	0.03	0.02	2.65
5.00		79.47	0.00	0.04	0.02	2.94
6.00		79.03	0.01	0.05	0.03	3.17
7.00		78.58	0.01	0.05	0.03	3.34
8.00		78.13	0.01	0.05	0.03	3.47
9.00		77.68	0.01	0.06	0.03	3.58
10.00		77.23	0.02	0.06	0.04	3.66
11.00		76.78	0.02	0.06	0.04	3.72
12.00		76.33	0.02	0.07	0.04	3.77
13.00		75.89	0.03	0.07	0.04	3.80
14.00		75.44	0.03	0.07	0.04	3.83
15.00		74.99	0.04	0.07	0.04	3.84
16.00		74.54	0.04	0.07	0.04	3.85
17.00		74.09	0.05	0.07	0.04	3.86
18.00		73.64	0.05	0.07	0.04	3.87
19.00		73.19	0.06	0.07	0.04	3.87
20.00		72.75	0.06	0.07	0.04	3.87
21.00		72.30	0.07	0.07	0.04	3.87
22.00		71.85	0.08	0.07	0.04	3.87
23.00		71.40	0.08	0.07	0.04	3.87
24.00		70.95	0.09	0.07	0.04	3.88
25.00		70.50	0.10	0.07	0.04	3.88
26.00		70.05	0.11	0.07	0.04	3.88
27.00		69.61	0.11	0.07	0.04	3.89
28.00		69.16	0.12	0.07	0.03	3.89
29.00		68.71	0.13	0.07	0.03	3.90
29.33	Bot - Section 2	22.57	0.13	0.07	0.03	1.28
30.00		92.30	0.14	0.07	0.03	5.27
31.00		136.99	0.15	0.07	0.03	7.88
32.00		136.10	0.16	0.07	0.03	7.88
32.83	Top - Section 1	112.26	0.17	0.07	0.03	6.53
33.00		11.58	0.17	0.07	0.03	0.67
34.00		67.84	0.18	0.07	0.03	3.97
35.00		67.39	0.19	0.06	0.02	3.95
36.00		66.94	0.20	0.06	0.02	3.93
37.00		66.49	0.21	0.06	0.02	3.91
38.00		66.04	0.23	0.06	0.02	3.87
39.00		65.59	0.24	0.06	0.02	3.82
40.00		65.14	0.25	0.06	0.02	3.76
41.00		64.70	0.26	0.05	0.02	3.68
42.00		64.25	0.28	0.05	0.01	3.59
43.00		63.80	0.29	0.05	0.01	3.47
44.00		63.35	0.30	0.04	0.01	3.34
45.00		62.90	0.32	0.04	0.01	3.17
46.00		62.45	0.33	0.04	0.01	2.98
47.00	Reinf. Top Reinf	62.00	0.35	0.03	0.01	2.77
48.00		61.56	0.36	0.03	0.01	2.52

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:30 AM
 Page: 96



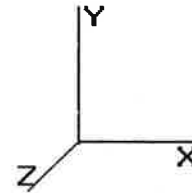
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Load Case: 0.9D + 1.0E	Dead Load with Seismic (Reduced DL)	27 Iterations
Gust Response Factor : 1.10	Sds : 0.26	Ss : 0.24
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.10
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

49.00	61.11	0.38	0.03	0.01	2.24
50.00	60.66	0.39	0.02	0.01	1.92
51.00	60.21	0.41	0.02	0.01	1.58
52.00	59.76	0.42	0.01	0.01	1.21
53.00	59.31	0.44	0.01	0.01	0.82
54.00	58.86	0.46	0.00	0.01	0.41
55.00	58.42	0.47	-0.01	0.01	-0.01
56.00	57.97	0.49	-0.01	0.01	-0.44
57.00	57.52	0.51	-0.02	0.01	-0.85
58.00	57.07	0.53	-0.03	0.01	-1.26
59.00	56.62	0.54	-0.03	0.01	-1.64
60.00	56.17	0.56	-0.04	0.01	-1.99
61.00	55.72	0.58	-0.05	0.01	-2.31
62.00	55.28	0.60	-0.05	0.01	-2.59
62.92	50.27	0.62	-0.06	0.02	-2.58
63.00	8.05	0.62	-0.06	0.02	-0.42
64.00	96.06	0.64	-0.07	0.02	-5.36
65.00	95.28	0.66	-0.07	0.02	-5.65
65.75	70.93	0.68	-0.08	0.03	-4.37
66.00	42.03	0.68	-0.08	0.03	-2.62
67.00	40.67	0.70	-0.09	0.03	-2.62
68.00	40.34	0.72	-0.09	0.03	-2.67
69.00	40.00	0.74	-0.10	0.04	-2.69
70.00	166.66	0.77	-0.10	0.04	-11.27
71.00	39.33	0.79	-0.11	0.05	-2.66
72.00	38.99	0.81	-0.11	0.06	-2.61
73.00	165.66	0.83	-0.12	0.06	-10.88
74.00	38.32	0.86	-0.12	0.07	-2.45
75.00	37.98	0.88	-0.12	0.08	-2.35
76.00	37.65	0.90	-0.12	0.09	-2.23
77.00	37.31	0.93	-0.12	0.10	-2.09
77.50	18.53	0.94	-0.12	0.10	-1.01
78.00	18.44	0.95	-0.12	0.11	-0.97
79.00	36.64	0.97	-0.12	0.12	-1.77
80.00	929.10	1.00	-0.11	0.13	-40.61
81.00	35.96	1.02	-0.10	0.14	-1.39
82.00	35.63	1.05	-0.09	0.16	-1.18
83.00	35.29	1.08	-0.08	0.17	-0.96
84.00	34.95	1.10	-0.07	0.19	-0.73
85.00	34.62	1.13	-0.05	0.20	-0.48
86.00	34.28	1.16	-0.03	0.22	-0.22
87.00	33.95	1.18	-0.01	0.24	0.04
88.00	33.61	1.21	0.01	0.26	0.32
89.00	33.27	1.24	0.04	0.28	0.61
89.50	334.31	1.25	0.06	0.29	7.66
90.00	16.43	1.27	0.08	0.31	0.45
91.00	32.60	1.29	0.11	0.33	1.22
92.00	32.26	1.32	0.15	0.36	1.53
93.00	31.93	1.35	0.20	0.38	1.86
94.00	31.59	1.38	0.25	0.41	2.19
95.00	31.25	1.41	0.30	0.44	2.54
96.00	157.92	1.44	0.36	0.47	14.73
97.00	30.58	1.47	0.43	0.51	3.24
98.00	30.24	1.50	0.50	0.54	3.60
99.00	29.91	1.53	0.58	0.58	3.97
100.0	3054.97	1.56	0.67	0.62	449.44
101.0	49.61	1.59	0.76	0.66	8.03

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:30 AM
 Page: 97

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Load Case: 0.9D + 1.0E	Dead Load with Seismic (Reduced DL)	27 Iterations
Gust Response Factor : 1.10	Sds : 0.26	Ss : 0.24
Dead Load Factor : 0.90	Sd1 : 0.10	S1 : 0.06
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

102.0	49.61	1.63	0.86	0.70	8.79	
103.0	49.61	1.66	0.97	0.75	9.57	
104.0	49.61	1.69	1.08	0.80	10.38	
105.0	49.61	1.72	1.21	0.85	11.22	
106.0	49.61	1.76	1.34	0.90	12.08	
107.0	49.61	1.79	1.49	0.96	12.97	
108.0	49.61	1.82	1.64	1.02	13.89	
109.0	49.61	1.86	1.80	1.08	14.83	
110.0	Apertunance(s)	942.41	1.89	1.98	1.14	300.23
	Totals:	12,034.26				961.08

Total Wind : 23,300.7

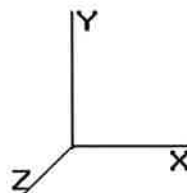
Seismic Base Shear Not Tested Due To User Override - Analysis Required

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:31 AM

Page: 98



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Load Case: 0.9D + 1.0E	Dead Load with Seismic (Reduced DL)	27 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
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

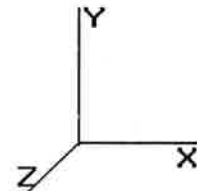
Calculated Forces

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	-21.69	-1.09	0.00	-102.03	0.00	102.03	1,564.13	782.07	1,919.99	948.21	0.00	0.00	0.056
1.00	-21.55	-1.09	0.00	-100.94	0.00	100.94	1,559.62	779.81	1,903.83	940.23	0.00	0.00	0.055
2.00	-21.41	-1.09	0.00	-99.86	0.00	99.86	1,555.07	777.54	1,887.68	932.25	0.00	-0.01	0.055
3.00	-21.27	-1.09	0.00	-98.77	0.00	98.77	1,550.48	775.24	1,871.54	924.28	0.00	-0.01	0.055
4.00	-21.13	-1.08	0.00	-97.69	0.00	97.69	1,545.83	772.92	1,855.40	916.31	0.01	-0.02	0.054
5.00	-20.99	-1.08	0.00	-96.60	0.00	96.60	1,541.15	770.57	1,839.28	908.35	0.01	-0.02	0.054
6.00	-20.81	-1.08	0.00	-95.52	0.00	95.52	1,536.41	768.21	1,823.16	900.39	0.02	-0.03	0.053
7.00	-20.63	-1.08	0.00	-94.44	0.00	94.44	1,531.63	765.82	1,807.05	892.44	0.02	-0.03	0.053
8.00	-20.44	-1.08	0.00	-93.36	0.00	93.36	1,526.81	763.40	1,790.96	884.49	0.03	-0.04	0.053
9.00	-20.26	-1.08	0.00	-92.28	0.00	92.28	1,521.94	760.97	1,774.88	876.55	0.04	-0.04	0.052
10.00	-20.08	-1.07	0.00	-91.20	0.00	91.20	1,517.03	758.51	1,758.81	868.61	0.05	-0.05	0.052
11.00	-19.90	-1.07	0.00	-90.13	0.00	90.13	1,512.06	756.03	1,742.76	860.68	0.06	-0.05	0.051
12.00	-19.71	-1.07	0.00	-89.06	0.00	89.06	1,507.06	753.53	1,726.72	852.76	0.07	-0.06	0.051
13.00	-19.53	-1.07	0.00	-87.99	0.00	87.99	1,502.01	751.00	1,710.70	844.85	0.09	-0.06	0.051
14.00	-19.35	-1.06	0.00	-86.92	0.00	86.92	1,496.91	748.46	1,694.70	836.95	0.10	-0.07	0.050
15.00	-19.17	-1.06	0.00	-85.86	0.00	85.86	1,491.77	745.88	1,678.72	829.05	0.11	-0.07	0.050
16.00	-18.99	-1.06	0.00	-84.79	0.00	84.79	1,486.58	743.29	1,662.75	821.17	0.13	-0.08	0.050
17.00	-18.81	-1.06	0.00	-83.73	0.00	83.73	1,481.35	740.67	1,646.81	813.30	0.15	-0.08	0.049
18.00	-18.63	-1.05	0.00	-82.68	0.00	82.68	1,476.07	738.04	1,630.88	805.43	0.16	-0.09	0.049
19.00	-18.45	-1.05	0.00	-81.62	0.00	81.62	1,470.75	735.37	1,614.98	797.58	0.18	-0.09	0.048
20.00	-18.28	-1.05	0.00	-80.57	0.00	80.57	1,465.38	732.69	1,599.10	789.74	0.20	-0.10	0.048
21.00	-18.10	-1.05	0.00	-79.52	0.00	79.52	1,459.96	729.98	1,583.25	781.91	0.22	-0.10	0.048
22.00	-17.92	-1.04	0.00	-78.47	0.00	78.47	1,454.50	727.25	1,567.42	774.09	0.24	-0.11	0.047
23.00	-17.74	-1.04	0.00	-77.43	0.00	77.43	1,449.00	724.50	1,551.61	766.28	0.27	-0.11	0.047
24.00	-17.57	-1.04	0.00	-76.39	0.00	76.39	1,443.45	721.72	1,535.83	758.49	0.29	-0.12	0.046
25.00	-17.39	-1.04	0.00	-75.35	0.00	75.35	1,437.85	718.92	1,520.08	750.71	0.32	-0.12	0.046
26.00	-17.21	-1.03	0.00	-74.31	0.00	74.31	1,432.21	716.10	1,504.36	742.95	0.34	-0.13	0.045
27.00	-17.04	-1.03	0.00	-73.28	0.00	73.28	1,426.52	713.26	1,488.67	735.20	0.37	-0.13	0.045
28.00	-16.86	-1.03	0.00	-72.25	0.00	72.25	1,420.79	710.39	1,473.01	727.46	0.40	-0.14	0.045
29.00	-16.69	-1.02	0.00	-71.22	0.00	71.22	1,415.01	707.51	1,457.38	719.74	0.42	-0.14	0.044
29.33	-16.63	-1.02	0.00	-70.89	0.00	70.89	1,413.09	706.55	1,452.23	717.20	0.43	-0.14	0.044
30.00	-16.47	-1.02	0.00	-70.20	0.00	70.20	1,409.19	704.59	1,441.78	712.04	0.45	-0.14	0.043
31.00	-16.24	-1.01	0.00	-69.18	0.00	69.18	1,403.32	701.66	1,426.22	704.35	0.49	-0.15	0.043
32.00	-16.00	-1.00	0.00	-68.17	0.00	68.17	1,397.40	698.70	1,410.69	696.68	0.52	-0.15	0.042
32.83	-15.81	-1.00	0.00	-67.34	0.00	67.34	1,130.07	565.03	1,157.93	571.86	0.54	-0.16	0.052
33.00	-15.78	-1.00	0.00	-67.17	0.00	67.17	1,129.20	564.60	1,155.73	570.77	0.55	-0.16	0.052
34.00	-15.60	-0.99	0.00	-66.17	0.00	66.17	1,124.06	562.03	1,142.81	564.39	0.58	-0.16	0.052
35.00	-15.43	-0.99	0.00	-65.17	0.00	65.17	1,119.12	559.56	1,130.16	558.15	0.62	-0.17	0.051
36.00	-15.26	-0.99	0.00	-64.18	0.00	64.18	1,111.65	555.82	1,115.04	550.68	0.65	-0.17	0.051
37.00	-15.08	-0.99	0.00	-63.19	0.00	63.19	1,104.17	552.09	1,100.02	543.26	0.69	-0.18	0.050
38.00	-14.91	-0.98	0.00	-62.21	0.00	62.21	1,096.70	548.35	1,085.11	535.89	0.73	-0.18	0.050
39.00	-14.74	-0.98	0.00	-61.23	0.00	61.23	1,089.22	544.61	1,070.29	528.58	0.77	-0.19	0.050
40.00	-14.57	-0.98	0.00	-60.25	0.00	60.25	1,081.75	540.87	1,055.58	521.31	0.81	-0.19	0.049
41.00	-14.40	-0.97	0.00	-59.27	0.00	59.27	1,074.28	537.14	1,040.96	514.09	0.85	-0.20	0.049
42.00	-14.23	-0.97	0.00	-58.30	0.00	58.30	1,066.80	533.40	1,026.45	506.93	0.89	-0.20	0.048
43.00	-14.06	-0.97	0.00	-57.33	0.00	57.33	1,059.33	529.66	1,012.05	499.81	0.93	-0.20	0.048
44.00	-13.89	-0.96	0.00	-56.36	0.00	56.36	1,051.85	525.93	997.74	492.75	0.98	-0.21	0.047
45.00	-13.72	-0.96	0.00	-55.40	0.00	55.40	1,044.38	522.19	983.54	485.73	1.02	-0.21	0.047
46.00	-13.55	-0.96	0.00	-54.44	0.00	54.44	1,036.90	518.45	969.43	478.77	1.06	-0.22	0.046
47.00	-13.38	-0.96	0.00	-53.48	0.00	53.48	1,029.43	514.72	955.43	471.85	1.11	-0.22	0.046
47.00	-13.38	-0.96	0.00	-53.48	0.00	53.48	1,029.43	514.72	955.43	471.85	1.11	-0.22	0.046

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:31 AM
 Page: 99



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Load Case: 0.9D + 1.0E

Dead Load with Seismic (Reduced DL)

27 Iterations

Gust Response Factor : 1.10
 Dead Load Factor : 0.90
 Wind Load Factor : 0.00

Seismic Load Factor : 1.00
 Structure Frequency : 0.2830

Sds : 0.26
 Sd1 : 0.10
 SA : 0.03

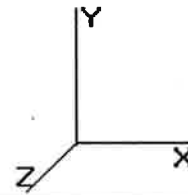
Ss : 0.24
 S1 : 0.06
 Seismic Importance Factor : 1.00

48.00	-13.21	-0.95	0.00	-52.52	0.00	52.52	1,021.96	510.98	941.53	464.99	1.16	-0.23	0.046
49.00	-13.04	-0.95	0.00	-51.57	0.00	51.57	1,014.48	507.24	927.74	458.17	1.21	-0.23	0.045
50.00	-12.88	-0.95	0.00	-50.62	0.00	50.62	1,007.01	503.50	914.04	451.41	1.26	-0.24	0.045
51.00	-12.71	-0.95	0.00	-49.67	0.00	49.67	999.53	499.77	900.45	444.70	1.31	-0.24	0.044
52.00	-12.54	-0.95	0.00	-48.72	0.00	48.72	992.06	496.03	886.96	438.03	1.36	-0.25	0.044
53.00	-12.38	-0.95	0.00	-47.77	0.00	47.77	984.59	492.29	873.57	431.42	1.41	-0.25	0.043
54.00	-12.21	-0.95	0.00	-46.82	0.00	46.82	977.11	488.56	860.28	424.86	1.46	-0.25	0.043
55.00	-12.04	-0.95	0.00	-45.87	0.00	45.87	969.64	484.82	847.09	418.35	1.52	-0.26	0.042
56.00	-11.88	-0.95	0.00	-44.93	0.00	44.93	962.16	481.08	834.01	411.89	1.57	-0.26	0.042
57.00	-11.71	-0.95	0.00	-43.98	0.00	43.98	954.69	477.34	821.03	405.47	1.63	-0.27	0.041
58.00	-11.55	-0.95	0.00	-43.03	0.00	43.03	947.21	473.61	808.15	399.11	1.68	-0.27	0.040
59.00	-11.39	-0.95	0.00	-42.08	0.00	42.08	939.74	469.87	795.37	392.80	1.74	-0.28	0.040
60.00	-11.22	-0.95	0.00	-41.13	0.00	41.13	932.27	466.13	782.69	386.54	1.80	-0.28	0.039
61.00	-11.06	-0.95	0.00	-40.18	0.00	40.18	924.79	462.40	770.12	380.33	1.86	-0.28	0.039
62.00	-10.90	-0.95	0.00	-39.24	0.00	39.24	917.32	458.66	757.64	374.17	1.92	-0.29	0.038
62.92	-10.75	-0.95	0.00	-38.37	0.00	38.37	910.47	455.23	746.30	368.57	1.97	-0.29	0.038
63.00	-10.73	-0.95	0.00	-38.29	0.00	38.29	909.84	454.92	745.27	368.06	1.98	-0.29	0.037
64.00	-10.53	-0.95	0.00	-37.34	0.00	37.34	902.37	451.18	733.00	362.00	2.04	-0.30	0.036
65.00	-10.33	-0.95	0.00	-36.39	0.00	36.39	894.90	447.45	720.83	355.99	2.10	-0.30	0.036
65.75	-10.19	-0.95	0.00	-35.68	0.00	35.68	887.43	443.72	708.66	349.98	2.16	-0.30	0.035
66.00	-10.14	-0.95	0.00	-35.44	0.00	35.44	884.96	441.99	706.19	348.51	2.17	-0.30	0.035
67.00	-9.99	-0.95	0.00	-34.50	0.00	34.50	877.49	438.26	693.52	342.50	2.23	-0.31	0.038
68.00	-9.84	-0.95	0.00	-33.55	0.00	33.55	870.02	434.53	680.85	336.49	2.29	-0.31	0.037
69.00	-9.70	-0.95	0.00	-32.60	0.00	32.60	862.55	430.80	668.18	330.48	2.36	-0.32	0.037
70.00	-9.51	-0.95	0.00	-31.65	0.00	31.65	855.08	427.07	655.51	324.47	2.43	-0.32	0.036
71.00	-9.36	-0.95	0.00	-30.71	0.00	30.71	847.61	423.34	642.84	318.46	2.49	-0.32	0.035
72.00	-9.21	-0.95	0.00	-29.76	0.00	29.76	840.14	419.61	630.17	312.45	2.56	-0.33	0.034
73.00	-8.59	-0.94	0.00	-28.81	0.00	28.81	832.67	415.88	617.50	306.44	2.63	-0.33	0.033
74.00	-8.44	-0.94	0.00	-27.87	0.00	27.87	825.20	412.15	604.83	300.43	2.70	-0.34	0.032
75.00	-8.30	-0.94	0.00	-26.93	0.00	26.93	817.73	408.42	592.16	294.42	2.77	-0.34	0.031
76.00	-8.15	-0.94	0.00	-25.98	0.00	25.98	810.26	404.69	579.49	288.41	2.84	-0.34	0.030
77.00	-8.00	-0.94	0.00	-25.04	0.00	25.04	802.79	400.96	566.82	282.40	2.91	-0.35	0.029
77.50	-7.93	-0.94	0.00	-24.57	0.00	24.57	800.32	399.23	565.27	281.89	2.92	-0.35	0.029
77.50	-7.93	-0.94	0.00	-24.57	0.00	24.57	800.32	399.23	565.27	281.89	2.95	-0.35	0.122
78.00	-7.89	-0.94	0.00	-24.10	0.00	24.10	792.85	395.50	552.60	275.88	2.99	-0.35	0.121
79.00	-7.81	-0.94	0.00	-23.16	0.00	23.16	785.38	391.77	540.93	269.87	3.06	-0.37	0.118
80.00	-6.60	-0.94	0.00	-22.21	0.00	22.21	777.91	388.04	528.26	263.86	3.14	-0.38	0.114
81.00	-6.54	-0.94	0.00	-21.27	0.00	21.27	770.44	384.31	515.59	257.85	3.22	-0.40	0.112
82.00	-6.47	-0.94	0.00	-20.33	0.00	20.33	762.97	380.58	502.92	251.84	3.31	-0.41	0.109
83.00	-6.40	-0.94	0.00	-19.39	0.00	19.39	755.50	376.85	490.25	245.83	3.40	-0.42	0.106
84.00	-6.34	-0.94	0.00	-18.45	0.00	18.45	748.03	373.12	477.58	239.82	3.49	-0.44	0.103
85.00	-6.27	-0.94	0.00	-17.51	0.00	17.51	740.56	369.39	464.91	233.81	3.58	-0.45	0.100
86.00	-6.21	-0.95	0.00	-16.56	0.00	16.56	733.09	365.66	452.24	227.80	3.68	-0.46	0.097
87.00	-6.14	-0.95	0.00	-15.62	0.00	15.62	725.62	361.93	439.57	221.79	3.77	-0.48	0.094
88.00	-6.08	-0.95	0.00	-14.67	0.00	14.67	718.15	358.20	426.90	215.78	3.88	-0.49	0.091
89.00	-6.01	-0.95	0.00	-13.73	0.00	13.73	710.68	354.47	414.23	209.77	3.98	-0.50	0.087
89.50	-4.40	-0.92	0.00	-13.25	0.00	13.25	703.21	350.74	401.56	203.76	4.03	-0.51	0.082
90.00	-4.37	-0.92	0.00	-12.79	0.00	12.79	695.74	347.01	388.89	197.75	4.09	-0.51	0.080
91.00	-4.32	-0.92	0.00	-11.87	0.00	11.87	688.27	343.28	376.22	191.74	4.20	-0.53	0.076
92.00	-4.27	-0.92	0.00	-10.94	0.00	10.94	680.80	339.55	363.55	185.73	4.31	-0.54	0.072
93.00	-4.22	-0.92	0.00	-10.02	0.00	10.02	673.33	335.82	350.88	179.72	4.42	-0.55	0.068
94.00	-4.17	-0.92	0.00	-9.10	0.00	9.10	665.86	332.09	338.21	173.71	4.54	-0.56	0.064
95.00	-4.12	-0.92	0.00	-8.18	0.00	8.18	658.39	328.36	325.54	167.70	4.65	-0.56	0.059
96.00	-4.05	-0.90	0.00	-7.26	0.00	7.26	650.92	324.63	312.87	161.69	4.77	-0.57	0.055
97.00	-4.01	-0.90	0.00	-6.36	0.00	6.36	643.45	320.90	300.20	155.68	4.89	-0.58	0.050
98.00	-3.96	-0.90	0.00	-5.46	0.00	5.46	635.98	317.17	287.53	149.67	5.02	-0.59	0.045
99.00	-3.91	-0.89	0.00	-4.56	0.00	4.56	628.51	313.44	274.86	143.66	5.14	-0.59	0.039

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:31 AM
 Page: 100



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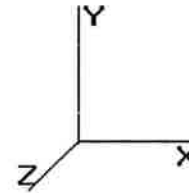
Load Case: 0.9D + 1.0E	Dead Load with Seismic (Reduced DL)	27 Iterations
Gust Response Factor : 1.10	Sds : 0.26	Ss : 0.24
Dead Load Factor : 0.90	Seismic Load Factor : 1.00	Sd1 : 0.10
Wind Load Factor : 0.00	Structure Frequency : 0.2830	SA : 0.03
		Seismic Importance Factor : 1.00

100.00	-1.28	-0.41	0.00	-3.67	0.00	3.67	489.95	244.98	288.00	142.23	5.26	-0.60	0.028
100.00	-1.28	-0.41	0.00	-3.67	0.00	3.67	459.24	229.62	229.69	150.79	5.26	-0.60	0.027
101.00	-1.24	-0.41	0.00	-3.26	0.00	3.26	459.24	229.62	229.69	150.79	5.39	-0.60	0.024
102.00	-1.19	-0.40	0.00	-2.85	0.00	2.85	459.24	229.62	229.69	150.79	5.52	-0.61	0.021
103.00	-1.14	-0.39	0.00	-2.45	0.00	2.45	459.24	229.62	229.69	150.79	5.64	-0.61	0.019
104.00	-1.09	-0.38	0.00	-2.07	0.00	2.07	459.24	229.62	229.69	150.79	5.77	-0.61	0.016
105.00	-1.04	-0.36	0.00	-1.69	0.00	1.69	459.24	229.62	229.69	150.79	5.90	-0.61	0.013
106.00	-0.99	-0.35	0.00	-1.33	0.00	1.33	459.24	229.62	229.69	150.79	6.03	-0.61	0.011
107.00	-0.95	-0.34	0.00	-0.97	0.00	0.97	459.24	229.62	229.69	150.79	6.16	-0.62	0.009
108.00	-0.90	-0.32	0.00	-0.63	0.00	0.63	459.24	229.62	229.69	150.79	6.29	-0.62	0.006
109.00	-0.85	-0.31	0.00	-0.31	0.00	0.31	459.24	229.62	229.69	150.79	6.42	-0.62	0.004
110.00	0.00	-0.30	0.00	0.00	0.00	0.00	459.24	229.62	229.69	150.79	6.54	-0.62	0.000

Pole : 302481
 Location : Hrfr - South, CT
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 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:31 AM
 Page: 101



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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

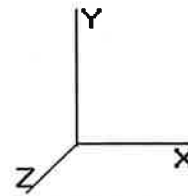
Shaft Segment Forces (Factored)

Seg Top															
Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf	Ice Thick (in)	Tributary (ft)	Ap (sf)	EPAs (sf)	Wind Force X (lb)	Dead Load (lb)	Ice Load (lb)	Tot Dead Load (lb)
0.00		2.74	0.70	16.827	18.51	215.28	1.000	0.000	0.00	0.000	0.00	0.0	0.0	0.0	0.0
1.00		2.65	0.70	16.293	17.92	210.68	1.000	* 0.000	1.00	2.581	2.58	46.3	0.0	0.0	148.1
2.00		2.57	0.70	15.788	17.36	206.25	1.000	* 0.000	1.00	2.567	2.57	44.6	0.0	0.0	147.6
3.00		2.49	0.70	15.311	16.84	201.99	1.000	* 0.000	1.00	2.553	2.55	43.0	0.0	0.0	147.2
4.00		2.42	0.70	14.861	16.34	197.89	1.000	* 0.000	1.00	2.539	2.54	41.5	0.0	0.0	146.7
5.00		2.35	0.70	14.434	15.87	193.95	1.000	* 0.000	1.00	2.525	2.52	40.1	0.0	0.0	146.3
6.00		2.28	0.70	14.031	15.43	190.15	1.200	* 0.000	1.00	2.510	3.01	46.5	0.0	0.0	145.8
7.00		2.22	0.70	13.650	15.01	186.49	1.200	* 0.000	1.00	2.496	3.00	45.0	0.0	0.0	145.4
8.00		2.16	0.70	13.289	14.61	182.96	1.200	* 0.000	1.00	2.482	2.98	43.5	0.0	0.0	144.9
9.00		2.11	0.70	12.947	14.24	179.56	1.200	* 0.000	1.00	2.468	2.96	42.2	0.0	0.0	144.5
10.00		2.06	0.70	12.622	13.88	176.28	1.200	* 0.000	1.00	2.454	2.94	40.9	0.0	0.0	144.0
11.00		2.00	0.70	12.315	13.54	173.12	1.200	* 0.000	1.00	2.440	2.93	39.7	0.0	0.0	143.6
12.00		1.96	0.70	12.024	13.22	170.06	1.200	* 0.000	1.00	2.426	2.91	38.5	0.0	0.0	143.1
13.00		1.91	0.70	11.748	12.92	167.12	1.200	* 0.000	1.00	2.412	2.89	37.4	0.0	0.0	142.7
14.00		1.87	0.70	11.486	12.63	164.27	1.200	* 0.000	1.00	2.397	2.88	36.3	0.0	0.0	142.2
15.00		1.83	0.70	11.238	12.36	161.53	1.200	* 0.000	1.00	2.383	2.86	35.4	0.0	0.0	141.8
16.00		1.79	0.70	11.002	12.10	158.87	1.200	* 0.000	1.00	2.369	2.84	34.4	0.0	0.0	141.3
17.00		1.75	0.70	10.777	11.85	156.30	1.200	* 0.000	1.00	2.355	2.83	33.5	0.0	0.0	140.9
18.00		1.72	0.70	10.565	11.62	153.82	1.200	* 0.000	1.00	2.341	2.81	32.6	0.0	0.0	140.4
19.00		1.69	0.70	10.362	11.39	151.42	1.200	* 0.000	1.00	2.327	2.79	31.8	0.0	0.0	140.0
20.00		1.65	0.70	10.170	11.18	149.09	1.200	* 0.000	1.00	2.313	2.78	31.0	0.0	0.0	139.5
21.00		1.63	0.70	9.987	10.98	146.84	1.200	* 0.000	1.00	2.299	2.76	30.3	0.0	0.0	139.1
22.00		1.60	0.70	9.813	10.79	144.66	1.200	* 0.000	1.00	2.284	2.74	29.6	0.0	0.0	138.6
23.00		1.57	0.70	9.648	10.61	142.55	1.200	* 0.000	1.00	2.270	2.72	28.9	0.0	0.0	138.2
24.00		1.54	0.70	9.490	10.43	140.49	1.200	* 0.000	1.00	2.256	2.71	28.3	0.0	0.0	137.8
25.00		1.52	0.70	9.340	10.27	138.51	1.200	* 0.000	1.00	2.242	2.69	27.6	0.0	0.0	137.3
26.00		1.50	0.70	9.198	10.11	136.57	1.200	* 0.000	1.00	2.228	2.67	27.0	0.0	0.0	136.9
27.00		1.47	0.70	9.062	9.968	134.70	1.200	* 0.000	1.00	2.214	2.66	26.5	0.0	0.0	136.4
28.00		1.45	0.70	8.932	9.826	132.88	1.200	* 0.000	1.00	2.200	2.64	25.9	0.0	0.0	136.0
29.00		1.43	0.70	8.809	9.690	131.11	1.200	* 0.000	1.00	2.186	2.62	25.4	0.0	0.0	135.5
29.33	Bot - Section 2	1.43	0.70	8.770	9.646	130.53	1.200	* 0.000	0.33	0.718	0.86	8.3	0.0	0.0	44.6
30.00		1.41	0.70	8.699	9.569	129.44	1.200	* 0.000	0.67	1.482	1.78	17.0	0.0	0.0	137.1
31.00		1.40	0.70	8.667	9.534	128.36	1.200	* 0.000	1.00	2.200	2.64	25.2	0.0	0.0	203.8
32.00		1.38	0.71	8.637	9.501	127.30	1.200	* 0.000	1.00	2.186	2.62	24.9	0.0	0.0	202.9
32.83	Top - Section 1	1.36	0.71	8.614	9.475	126.42	1.200	* 0.000	0.83	1.804	2.16	20.5	0.0	0.0	167.7
33.00		1.36	0.72	8.609	9.470	128.81	1.200	* 0.000	0.17	0.368	0.44	4.2	0.0	0.0	22.9
34.00		1.35	0.72	8.582	9.440	127.77	1.200	* 0.000	1.00	2.158	2.59	24.4	0.0	0.0	134.6
35.00		1.33	0.73	8.556	9.412	126.74	1.200	* 0.000	1.00	2.144	2.57	24.2	0.0	0.0	134.2
36.00		1.32	0.73	8.532	9.385	125.72	1.200	* 0.000	1.00	2.130	2.56	24.0	0.0	0.0	133.7
37.00		1.30	0.74	8.509	9.360	124.72	1.200	* 0.000	1.00	2.116	2.54	23.8	0.0	0.0	133.3
38.00		1.29	0.75	8.488	9.336	123.73	1.200	* 0.000	1.00	2.102	2.52	23.5	0.0	0.0	132.8
39.00		1.28	0.75	8.468	9.315	122.75	1.200	* 0.000	1.00	2.087	2.50	23.3	0.0	0.0	132.4
40.00		1.26	0.76	8.449	9.294	121.78	1.200	* 0.000	1.00	2.073	2.49	23.1	0.0	0.0	131.9
41.00		1.25	0.76	8.432	9.275	120.83	1.200	* 0.000	1.00	2.059	2.47	22.9	0.0	0.0	131.5
42.00		1.24	0.77	8.416	9.258	119.89	1.200	* 0.000	1.00	2.045	2.45	22.7	0.0	0.0	131.0
43.00		1.23	0.77	8.402	9.242	118.95	1.200	* 0.000	1.00	2.031	2.44	22.5	0.0	0.0	130.6
44.00		1.22	0.78	8.389	9.228	118.03	1.200	* 0.000	1.00	2.017	2.42	22.3	0.0	0.0	130.1
45.00		1.21	0.78	8.377	9.215	117.12	1.200	* 0.000	1.00	2.003	2.40	22.1	0.0	0.0	129.7
46.00		1.20	0.79	8.366	9.203	116.21	1.200	* 0.000	1.00	1.989	2.39	22.0	0.0	0.0	129.3
47.00	Reinf. Top Reinf	1.19	0.79	8.357	9.193	115.32	1.200	* 0.000	1.00	1.974	2.37	21.8	0.0	0.0	128.8
48.00		1.19	0.80	8.349	9.184	114.44	1.200	* 0.000	1.00	1.960	2.35	21.6	0.0	0.0	128.4

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
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6/6/2014 10:26:32 AM
 Page: 102



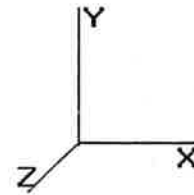
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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00		1.18	0.80	8.342	9.176	113.56	1.200	* 0.000	1.00	1.946	2.34	21.4	0.0	127.9
50.00		1.17	0.81	8.336	9.169	112.69	1.200	* 0.000	1.00	1.932	2.32	21.3	0.0	127.5
51.00		1.16	0.81	8.331	9.164	111.83	1.200	* 0.000	1.00	1.918	2.30	21.1	0.0	127.0
52.00		1.16	0.82	8.327	9.160	110.98	1.200	* 0.000	1.00	1.904	2.28	20.9	0.0	126.6
53.00		1.15	0.82	8.324	9.157	110.13	1.200	* 0.000	1.00	1.890	2.27	20.8	0.0	126.1
54.00		1.14	0.82	8.322	9.155	109.30	1.200	* 0.000	1.00	1.876	2.25	20.6	0.0	125.7
55.00		1.14	0.83	8.321	9.153	108.46	1.200	* 0.000	1.00	1.861	2.23	20.4	0.0	125.2
56.00		1.13	0.83	8.321	9.153	107.64	1.200	* 0.000	1.00	1.847	2.22	20.3	0.0	124.8
57.00		1.12	0.84	8.322	9.154	106.82	1.200	* 0.000	1.00	1.833	2.20	20.1	0.0	124.3
58.00		1.12	0.84	8.324	9.156	106.00	1.200	* 0.000	1.00	1.819	2.18	20.0	0.0	123.9
59.00		1.11	0.85	8.326	9.159	105.19	1.200	* 0.000	1.00	1.805	2.17	19.8	0.0	123.4
60.00		1.11	0.85	8.329	9.162	104.38	1.200	* 0.000	1.00	1.791	2.15	19.7	0.0	123.0
61.00		1.10	0.85	8.333	9.167	103.58	1.200	* 0.000	1.00	1.777	2.13	19.5	0.0	122.5
62.00		1.10	0.86	8.338	9.172	102.78	1.200	* 0.000	1.00	1.762	2.11	19.4	0.0	122.1
62.92	Bot - Section 3	1.10	0.86	8.343	9.177	102.05	1.200	* 0.000	0.92	1.603	1.92	17.7	0.0	111.5
63.00		1.10	0.86	8.343	9.178	101.99	1.200	* 0.000	0.08	0.148	0.18	1.6	0.0	13.6
64.00		1.09	0.87	8.349	9.184	101.20	1.200	* 0.000	1.00	1.767	2.12	19.5	0.0	162.9
65.00		1.09	0.87	8.356	9.192	100.41	1.200	* 0.000	1.00	1.752	2.10	19.3	0.0	162.1
65.75	Top - Section 2	1.08	0.87	8.362	9.198	99.825	1.200	* 0.000	0.75	1.305	1.57	14.4	0.0	121.0
66.00	Appertunance(s)	1.08	0.87	8.363	9.200	101.52	1.200	* 0.000	0.25	0.433	0.52	4.8	0.0	26.9
67.00		1.08	0.88	8.371	9.208	100.74	1.200	* 0.000	1.00	1.724	2.07	19.1	0.0	107.5
68.00		1.08	0.88	8.380	9.218	99.967	1.200	* 0.000	1.00	1.710	2.05	18.9	0.0	107.1
69.00		1.07	0.88	8.389	9.228	99.191	1.200	* 0.000	1.00	1.696	2.04	18.8	0.0	106.8
70.00	Appertunance(s)	1.07	0.89	8.398	9.238	98.417	1.200	* 0.000	1.00	1.682	2.02	18.6	0.0	106.5
71.00		1.07	0.89	8.408	9.249	97.645	1.200	* 0.000	1.00	1.668	2.00	18.5	0.0	106.1
72.00		1.06	0.90	8.419	9.261	96.874	1.200	* 0.000	1.00	1.654	1.98	18.4	0.0	105.8
73.00	Appertunance(s)	1.06	0.90	8.430	9.273	96.106	1.200	* 0.000	1.00	1.639	1.97	18.2	0.0	105.5
74.00		1.06	0.90	8.441	9.285	95.338	1.200	* 0.000	1.00	1.625	1.95	18.1	0.0	105.1
75.00		1.06	0.91	8.453	9.298	94.572	1.200	* 0.000	1.00	1.611	1.93	18.0	0.0	104.8
76.00		1.05	0.91	8.465	9.312	93.806	1.200	* 0.000	1.00	1.597	1.92	17.8	0.0	104.4
77.00		1.05	0.91	8.478	9.325	93.042	1.200	* 0.000	1.00	1.583	1.90	17.7	0.0	104.1
77.50	Reinf. Top	1.05	0.91	8.484	9.332	92.660	1.200	* 0.000	0.50	0.786	0.94	8.8	0.0	51.9
78.00		1.05	0.92	8.491	9.340	92.278	1.200	* 0.000	0.50	0.783	0.94	8.8	0.0	18.4
79.00		1.05	0.92	8.504	9.354	91.515	1.200	* 0.000	1.00	1.555	1.87	17.5	0.0	36.6
80.00	Appertunance(s)	1.04	0.92	8.517	9.369	90.752	1.200	* 0.000	1.00	1.541	1.85	17.3	0.0	36.3
81.00		1.04	0.93	8.531	9.384	89.989	1.200	* 0.000	1.00	1.526	1.83	17.2	0.0	36.0
82.00		1.04	0.93	8.546	9.400	89.227	1.200	* 0.000	1.00	1.512	1.81	17.1	0.0	35.6
83.00		1.04	0.93	8.560	9.416	88.464	1.200	* 0.000	1.00	1.498	1.80	16.9	0.0	35.3
84.00		1.04	0.94	8.575	9.432	87.701	1.200	* 0.000	1.00	1.484	1.78	16.8	0.0	35.0
85.00		1.04	0.94	8.590	9.449	86.939	1.200	* 0.000	1.00	1.470	1.76	16.7	0.0	34.6
86.00		1.03	0.94	8.605	9.466	86.175	1.200	* 0.000	1.00	1.456	1.75	16.5	0.0	34.3
87.00		1.03	0.95	8.621	9.483	85.412	1.200	* 0.000	1.00	1.442	1.73	16.4	0.0	33.9
88.00		1.03	0.95	8.636	9.500	84.648	1.200	* 0.000	1.00	1.428	1.71	16.3	0.0	33.6
89.00		1.03	0.95	8.652	9.517	83.883	1.200	* 0.000	1.00	1.413	1.70	16.1	0.0	33.3
89.50	Appertunance(s)	1.03	0.95	8.660	9.526	83.500	1.200	* 0.000	0.50	0.701	0.84	8.0	0.0	16.5
90.00		1.03	0.95	8.668	9.535	83.118	1.000	* 0.000	0.50	0.698	0.70	6.7	0.0	16.4
91.00		1.03	0.96	8.685	9.553	82.351	1.000	* 0.000	1.00	1.385	1.39	13.2	0.0	32.6
92.00		1.03	0.96	8.701	9.571	81.584	1.000	* 0.000	1.00	1.371	1.37	13.1	0.0	32.3
93.00		1.02	0.96	8.718	9.589	80.816	1.000	* 0.000	1.00	1.357	1.36	13.0	0.0	31.9
94.00		1.02	0.97	8.734	9.608	80.048	1.000	* 0.000	1.00	1.343	1.34	12.9	0.0	31.6
95.00		1.02	0.97	8.751	9.626	79.278	1.000	* 0.000	1.00	1.329	1.33	12.8	0.0	31.3
96.00	Appertunance(s)	1.02	0.97	8.768	9.645	78.507	1.000	* 0.000	1.00	1.315	1.31	12.7	0.0	30.9
97.00		1.02	0.98	8.786	9.664	77.734	1.000	* 0.000	1.00	1.300	1.30	12.6	0.0	30.6
98.00		1.02	0.98	8.803	9.683	76.961	1.000	* 0.000	1.00	1.286	1.29	12.5	0.0	30.2
99.00		1.02	0.98	8.820	9.702	76.186	1.000	* 0.000	1.00	1.272	1.27	12.3	0.0	29.9
100.0	Top - Section 3	1.02	0.98	8.838	9.722	75.410	1.000	* 0.000	1.00	1.258	1.26	12.2	0.0	29.6
101.0		1.02	0.99	8.855	9.741	64.114	0.600	* 0.000	1.00	1.063	0.64	6.2	0.0	49.6

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



6/6/2014 10:26:32 AM
 Page: 103

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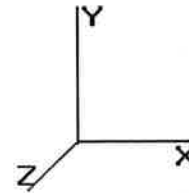
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

102.0	1.02	0.99	8.873	9.760	64.178	0.600	* 0.000	1.00	1.063	0.64	6.2	0.0	49.6	
103.0	1.01	0.99	8.891	9.780	64.242	0.600	* 0.000	1.00	1.063	0.64	6.2	0.0	49.6	
104.0	1.01	0.99	8.909	9.800	64.306	0.600	* 0.000	1.00	1.063	0.64	6.2	0.0	49.6	
105.0	1.01	1.00	8.927	9.819	64.371	0.600	* 0.000	1.00	1.063	0.64	6.3	0.0	49.6	
106.0	1.01	1.00	8.945	9.839	64.436	0.600	* 0.000	1.00	1.063	0.64	6.3	0.0	49.6	
107.0	1.01	1.00	8.963	9.859	64.501	0.600	* 0.000	1.00	1.063	0.64	6.3	0.0	49.6	
108.0	1.01	1.01	8.981	9.879	64.566	0.600	* 0.000	1.00	1.063	0.64	6.3	0.0	49.6	
109.0	1.01	1.01	8.999	9.899	64.631	0.600	* 0.000	1.00	1.063	0.64	6.3	0.0	49.6	
110.0	Appertunance(s)	1.01	1.01	9.017	9.919	64.696	0.600	* 0.000	1.00	1.063	0.64	6.3	0.0	49.6
* = Cf Adjusted By Linear Load Ra Effect								Totals:	330.00		49,051.6	0.0	35,658.2	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
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6/6/2014 10:26:32 AM
 Page: 104



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 29 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

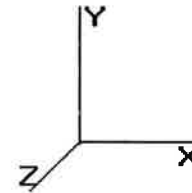
Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	Orientation Factor	Ka	Total EPAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
66.00	Scala 840 10212	1	8.380	9.218	1.00	1.00	2.17	0.000	2.000	20.00	0.00	40.01	6.70
70.00	2' Std. Dish	1	8.398	9.238	1.00	1.00	5.23	0.000	0.000	48.32	0.00	0.00	14.00
70.00	Radio/ODU	1	8.398	9.238	1.00	1.00	1.60	0.000	0.000	14.78	0.00	0.00	30.00
73.00	RFS APXV18-206517S-	3	8.453	9.298	0.80	0.80	9.93	0.000	2.000	92.30	0.00	184.59	79.20
73.00	Round Side Arm	3	8.430	9.273	0.67	1.00	10.45	0.000	0.000	96.92	0.00	0.00	450.00
80.00	Antel BXA-171063-12C	6	8.517	9.369	0.88	0.80	20.28	0.000	0.000	189.96	0.00	0.00	76.80
80.00	Antel BXA-70063-6CF-	6	8.517	9.369	0.77	0.80	27.98	0.000	0.000	262.14	0.00	0.00	102.00
80.00	RFS DB-T1-6Z-8AB-0Z	1	8.517	9.369	0.67	0.80	2.57	0.000	0.000	24.10	0.00	0.00	44.00
80.00	Alcatel-Lucent RRH2x	3	8.517	9.369	0.67	0.80	3.41	0.000	0.000	31.94	0.00	0.00	150.00
80.00	Alcatel-Lucent RRH2x	3	8.517	9.369	0.67	0.80	3.47	0.000	0.000	32.54	0.00	0.00	132.00
80.00	Flat T-Arm	3	8.517	9.369	0.67	0.75	19.45	0.000	0.000	182.20	0.00	0.00	750.00
89.50	CCI DTMA-1819-DD-12-	6	8.685	9.553	0.50	0.80	1.70	0.000	1.500	16.28	0.00	24.42	85.80
89.50	Flat Low Profile Pla	1	8.660	9.526	1.00	1.00	26.10	0.000	0.000	248.63	0.00	0.00	1,500.00
89.50	RFS APX16DWV-	3	8.685	9.553	0.66	0.80	9.63	0.000	1.500	92.00	0.00	138.00	118.80
89.50	RFS APXV18-206516S-	3	8.685	9.553	0.77	0.80	6.69	0.000	1.500	63.91	0.00	95.86	56.10
96.00	Scala 840 10212	1	8.803	9.683	0.73	1.00	1.58	0.000	2.000	15.34	0.00	30.68	6.70
96.00	TX RX Systems 421-86	1	8.768	9.645	0.67	1.00	1.49	0.000	0.000	14.35	0.00	0.00	15.00
100.0	Powerwave LGP21401	6	8.838	9.722	0.50	0.75	2.48	0.000	0.000	24.06	0.00	0.00	84.60
100.0	Powerwave TT19-	3	8.838	9.722	0.50	0.75	0.72	0.000	0.000	7.00	0.00	0.00	48.00
100.0	Flat Platform w/ Han	1	8.838	9.722	1.00	1.00	42.40	0.000	0.000	412.19	0.00	0.00	2,000.00
100.0	Ericsson RRUS 11 (Ba	6	8.873	9.760	0.67	0.75	7.60	0.000	2.000	74.16	0.00	148.31	330.00
100.0	Kathrein 860-10025	6	8.838	9.722	0.50	0.75	0.31	0.000	0.000	3.06	0.00	0.00	6.60
100.0	KMW AM-X-CD-16-65-	2	8.873	9.760	0.79	0.75	9.50	0.000	2.000	92.76	0.00	185.52	97.00
100.0	Raycap DC6-48-60-18-	1	8.873	9.760	1.00	0.75	0.83	0.000	2.000	8.13	0.00	16.25	31.80
100.0	Andrew SBNH-	1	8.873	9.760	0.84	0.75	7.21	0.000	2.000	70.41	0.00	140.81	60.80
100.0	Powerwave 7770.00	6	8.873	9.760	0.77	0.75	19.09	0.000	2.000	186.35	0.00	372.69	210.00
110.0	DragonWave Horizon	3	9.017	9.919	0.50	0.80	0.52	0.000	0.000	5.12	0.00	0.00	31.80
110.0	DragonWave A-ANT-	2	9.017	9.919	1.00	0.80	13.87	0.000	0.000	137.59	0.00	0.00	95.20
110.0	NextNet BTS-2500	3	9.017	9.919	0.50	0.80	2.18	0.000	0.000	21.66	0.00	0.00	105.00
110.0	Argus LLPX310R	3	9.017	9.919	0.73	0.80	7.52	0.000	0.000	74.55	0.00	0.00	85.80
110.0	Side Arms	1	9.017	9.919	1.00	1.00	8.50	0.000	0.000	84.31	0.00	0.00	560.00
110.0	DragonWave A-ANT-	1	9.017	9.919	1.00	0.80	1.29	0.000	0.000	12.78	0.00	0.00	15.00
										2,659.82			22,873.97

Pole : 302481
 Location : Hrfr - South, CT
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 Topographic Category : 4
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6/6/2014 10:26:32 AM
 Page : 105



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 29 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

Wind Load Factor : 1.00

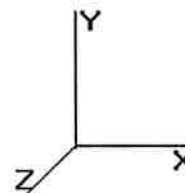
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	FX (lb)	Dead Load (lb)
1.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	16.293	0.121	1.063	0.00	0.00
2.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	15.788	0.122	1.065	0.00	0.00
3.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	15.311	0.122	1.067	0.00	0.00
4.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	14.861	0.123	1.069	0.00	0.00
5.00	(4) #20 Dywidag	Yes	1.00	0.000	3.75	0.31	0.00	14.434	0.124	1.071	0.00	0.00
6.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	0.45
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	0.27
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	0.33
6.00	(18) 1 5/8" Coax	Yes	1.00	0.766	7.92	0.66	0.51	14.031	0.387	0.000	7.80	14.76
6.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	14.031	0.387	0.000	5.79	0.00
6.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	3.65
6.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	9.84
6.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	2.60
6.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	0.06
6.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	0.16
6.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	14.031	0.387	0.000	0.00	0.33
7.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	0.45
7.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	0.27
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	0.33
7.00	(18) 1 5/8" Coax	Yes	1.00	0.777	7.92	0.66	0.51	13.650	0.390	0.000	7.70	14.76
7.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	13.650	0.390	0.000	5.63	0.00
7.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	3.65
7.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	9.84
7.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	2.60
7.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	0.06
7.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	0.16
7.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.650	0.390	0.000	0.00	0.33
8.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	0.45
8.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	0.27
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	0.33
8.00	(18) 1 5/8" Coax	Yes	1.00	0.787	7.92	0.66	0.52	13.289	0.392	0.000	7.59	14.76
8.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	13.289	0.392	0.000	5.48	0.00
8.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	3.65
8.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	9.84
8.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	2.60
8.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	0.06
8.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	0.16
8.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	13.289	0.392	0.000	0.00	0.33
9.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	0.45
9.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	0.27
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	0.33
9.00	(18) 1 5/8" Coax	Yes	1.00	0.797	7.92	0.66	0.53	12.947	0.394	0.000	7.50	14.76
9.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	12.947	0.394	0.000	5.34	0.00
9.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	3.65
9.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	9.84
9.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	2.60
9.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	0.06
9.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	0.16
9.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.947	0.394	0.000	0.00	0.33
10.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	0.45
10.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	0.27

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:32 AM
 Page: 106



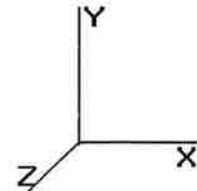
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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 1.00
Wind Load Factor : 1.00

10.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	0.33
10.00	(18) 1 5/8" Coax	Yes	1.00	0.808	7.92	0.66	0.53	12.622	0.396	0.000	7.40	14.76
10.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	12.622	0.396	0.000	5.21	0.00
10.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	3.65
10.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	9.84
10.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	2.60
10.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	0.06
10.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	0.16
10.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.622	0.396	0.000	0.00	0.33
11.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	0.45
11.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	0.27
11.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	0.33
11.00	(18) 1 5/8" Coax	Yes	1.00	0.818	7.92	0.66	0.54	12.315	0.399	0.000	7.31	14.76
11.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	12.315	0.399	0.000	5.08	0.00
11.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	3.65
11.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	9.84
11.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	2.60
11.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	0.06
11.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	0.16
11.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.315	0.399	0.000	0.00	0.33
12.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	0.45
12.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	0.27
12.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	0.33
12.00	(18) 1 5/8" Coax	Yes	1.00	0.827	7.92	0.66	0.55	12.024	0.401	0.000	7.22	14.76
12.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	12.024	0.401	0.000	4.96	0.00
12.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	3.65
12.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	9.84
12.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	2.60
12.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	0.06
12.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	0.16
12.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	12.024	0.401	0.000	0.00	0.33
13.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	0.45
13.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	0.27
13.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	0.33
13.00	(18) 1 5/8" Coax	Yes	1.00	0.837	7.92	0.66	0.55	11.748	0.403	0.000	7.14	14.76
13.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	11.748	0.403	0.000	4.85	0.00
13.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	3.65
13.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	9.84
13.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	2.60
13.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	0.06
13.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	0.16
13.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.748	0.403	0.000	0.00	0.33
14.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	0.45
14.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	0.27
14.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	0.33
14.00	(18) 1 5/8" Coax	Yes	1.00	0.847	7.92	0.66	0.56	11.486	0.406	0.000	7.06	14.76
14.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	11.486	0.406	0.000	4.74	0.00
14.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	3.65
14.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	9.84
14.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	2.60
14.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	0.06
14.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	0.16
14.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.486	0.406	0.000	0.00	0.33
15.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	0.45
15.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	0.27
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	0.33
15.00	(18) 1 5/8" Coax	Yes	1.00	0.856	7.92	0.66	0.56	11.238	0.408	0.000	6.98	14.76

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)



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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

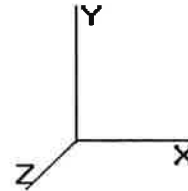
Wind Load Factor : 1.00

15.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	11.238	0.408	0.000	4.64	0.00
15.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	3.65
15.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	9.84
15.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	2.60
15.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	0.06
15.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	0.16
15.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.238	0.408	0.000	0.00	0.33
16.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	0.45
16.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	0.27
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	0.33
16.00	(18) 1 5/8" Coax	Yes	1.00	0.865	7.92	0.66	0.57	11.002	0.410	0.000	6.91	14.76
16.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	11.002	0.410	0.000	4.54	0.00
16.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	3.65
16.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	9.84
16.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	2.60
16.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	0.06
16.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	0.16
16.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	11.002	0.410	0.000	0.00	0.33
17.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	0.45
17.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	0.27
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	0.33
17.00	(18) 1 5/8" Coax	Yes	1.00	0.874	7.92	0.66	0.58	10.777	0.413	0.000	6.84	14.76
17.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	10.777	0.413	0.000	4.45	0.00
17.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	3.65
17.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	9.84
17.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	2.60
17.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	0.06
17.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	0.16
17.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.777	0.413	0.000	0.00	0.33
18.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	0.45
18.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	0.27
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	0.33
18.00	(18) 1 5/8" Coax	Yes	1.00	0.883	7.92	0.66	0.58	10.565	0.415	0.000	6.77	14.76
18.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	10.565	0.415	0.000	4.36	0.00
18.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	3.65
18.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	9.84
18.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	2.60
18.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	0.06
18.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	0.16
18.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.565	0.415	0.000	0.00	0.33
19.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	0.45
19.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	0.27
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	0.33
19.00	(18) 1 5/8" Coax	Yes	1.00	0.891	7.92	0.66	0.59	10.362	0.418	0.000	6.71	14.76
19.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	10.362	0.418	0.000	4.27	0.00
19.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	3.65
19.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	9.84
19.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	2.60
19.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	0.06
19.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	0.16
19.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.362	0.418	0.000	0.00	0.33
20.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	0.45
20.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	0.27
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	0.33
20.00	(18) 1 5/8" Coax	Yes	1.00	0.900	7.92	0.66	0.59	10.170	0.421	0.000	6.64	14.76
20.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	10.170	0.421	0.000	4.20	0.00
20.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	3.65

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:32 AM
 Page: 108



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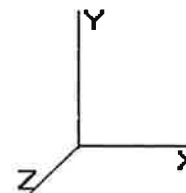
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

20.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	9.84
20.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	2.60
20.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	0.06
20.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	0.16
20.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.170	0.421	0.000	0.00	0.33
21.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	0.45
21.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	0.27
21.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	0.33
21.00	(18) 1 5/8" Coax	Yes	1.00	0.908	7.92	0.66	0.60	9.987	0.423	0.000	6.58	14.76
21.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.987	0.423	0.000	4.12	0.00
21.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	3.65
21.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	9.84
21.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	2.60
21.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	0.06
21.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	0.16
21.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.987	0.423	0.000	0.00	0.33
22.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	0.45
22.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	0.27
22.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	0.33
22.00	(18) 1 5/8" Coax	Yes	1.00	0.916	7.92	0.66	0.60	9.813	0.426	0.000	6.53	14.76
22.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.813	0.426	0.000	4.05	0.00
22.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	3.65
22.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	9.84
22.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	2.60
22.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	0.06
22.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	0.16
22.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.813	0.426	0.000	0.00	0.33
23.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	0.45
23.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	0.27
23.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	0.33
23.00	(18) 1 5/8" Coax	Yes	1.00	0.924	7.92	0.66	0.61	9.648	0.428	0.000	6.47	14.76
23.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.648	0.428	0.000	3.98	0.00
23.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	3.65
23.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	9.84
23.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	2.60
23.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	0.06
23.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	0.16
23.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.648	0.428	0.000	0.00	0.33
24.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	0.45
24.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	0.27
24.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	0.33
24.00	(18) 1 5/8" Coax	Yes	1.00	0.931	7.92	0.66	0.61	9.490	0.431	0.000	6.42	14.76
24.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.490	0.431	0.000	3.91	0.00
24.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	3.65
24.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	9.84
24.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	2.60
24.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	0.06
24.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	0.16
24.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.490	0.431	0.000	0.00	0.33
25.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	0.45
25.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	0.27
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	0.33
25.00	(18) 1 5/8" Coax	Yes	1.00	0.939	7.92	0.66	0.62	9.340	0.434	0.000	6.37	14.76
25.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.340	0.434	0.000	3.85	0.00
25.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	3.65
25.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	9.84
25.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	2.60

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:32 AM
 Page : 109



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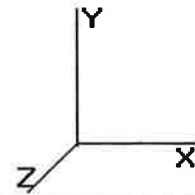
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

25.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	0.06
25.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	0.16
25.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.340	0.434	0.000	0.00	0.33
26.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	0.45
26.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	0.27
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	0.33
26.00	(18) 1 5/8" Coax	Yes	1.00	0.946	7.92	0.66	0.62	9.198	0.437	0.000	6.32	14.76
26.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.198	0.437	0.000	3.79	0.00
26.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	3.65
26.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	9.84
26.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	2.60
26.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	0.06
26.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	0.16
26.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.198	0.437	0.000	0.00	0.33
27.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	0.45
27.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	0.27
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	0.33
27.00	(18) 1 5/8" Coax	Yes	1.00	0.953	7.92	0.66	0.63	9.062	0.439	0.000	6.27	14.76
27.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	9.062	0.439	0.000	3.74	0.00
27.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	3.65
27.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	9.84
27.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	2.60
27.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	0.06
27.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	0.16
27.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.062	0.439	0.000	0.00	0.33
28.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	0.45
28.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	0.27
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	0.33
28.00	(18) 1 5/8" Coax	Yes	1.00	0.960	7.92	0.66	0.63	8.932	0.442	0.000	6.23	14.76
28.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.932	0.442	0.000	3.68	0.00
28.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	3.65
28.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	9.84
28.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	2.60
28.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	0.06
28.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	0.16
28.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.932	0.442	0.000	0.00	0.33
29.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	0.45
29.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	0.27
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	0.33
29.00	(18) 1 5/8" Coax	Yes	1.00	0.967	7.92	0.66	0.64	8.809	0.445	0.000	6.18	14.76
29.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.809	0.445	0.000	3.63	0.00
29.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	3.65
29.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	9.84
29.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	2.60
29.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	0.06
29.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	0.16
29.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.809	0.445	0.000	0.00	0.33
29.33	(3) 1/2" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.15
29.33	(6) 5/16" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.09
29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.11
29.33	(18) 1 5/8" Coax	Yes	0.33	0.969	7.92	0.22	0.21	8.770	0.447	0.000	2.04	4.87
29.33	(4) #20 Dywidag	Yes	0.33	1.200	3.75	0.10	0.12	8.770	0.447	0.000	1.19	0.00
29.33	(1) 2" Conduit	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	1.20
29.33	(12) 1 5/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	3.25
29.33	(2) 1 5/8" Hybriflex	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.86
29.33	(1) 1/4" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.02
29.33	(2) 3/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.05

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:32 AM
 Page: 110



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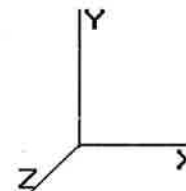
Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 1.00
Wind Load Factor : 1.00

29.33	(1) 7/8" Coax	Yes	0.33	0.000	0.00	0.00	0.00	8.770	0.447	0.000	0.00	0.11
30.00	(3) 1/2" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	0.30
30.00	(6) 5/16" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	0.18
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	0.22
30.00	(18) 1 5/8" Coax	Yes	0.67	0.973	7.92	0.44	0.43	8.699	0.448	0.000	4.12	9.89
30.00	(4) #20 Dywidag	Yes	0.67	1.200	3.75	0.21	0.25	8.699	0.448	0.000	2.40	0.00
30.00	(1) 2" Conduit	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	2.45
30.00	(12) 1 5/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	6.59
30.00	(2) 1 5/8" Hybriflex	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	1.74
30.00	(1) 1/4" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	0.04
30.00	(2) 3/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	0.11
30.00	(1) 7/8" Coax	Yes	0.67	0.000	0.00	0.00	0.00	8.699	0.448	0.000	0.00	0.22
31.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	0.45
31.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	0.27
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	0.33
31.00	(18) 1 5/8" Coax	Yes	1.00	0.975	7.92	0.66	0.64	8.667	0.451	0.000	6.13	14.76
31.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.667	0.451	0.000	3.58	0.00
31.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	3.65
31.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	9.84
31.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	2.60
31.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	0.06
31.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	0.16
31.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.667	0.451	0.000	0.00	0.33
32.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	0.45
32.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	0.27
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	0.33
32.00	(18) 1 5/8" Coax	Yes	1.00	0.976	7.92	0.66	0.64	8.637	0.454	0.000	6.12	14.76
32.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.637	0.454	0.000	3.56	0.00
32.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	3.65
32.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	9.84
32.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	2.60
32.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	0.06
32.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	0.16
32.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.637	0.454	0.000	0.00	0.33
32.83	(3) 1/2" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	0.37
32.83	(6) 5/16" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	0.22
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	0.27
32.83	(18) 1 5/8" Coax	Yes	0.83	0.978	7.92	0.55	0.54	8.614	0.457	0.000	5.07	12.25
32.83	(4) #20 Dywidag	Yes	0.83	1.200	3.75	0.26	0.31	8.614	0.457	0.000	2.95	0.00
32.83	(1) 2" Conduit	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	3.03
32.83	(12) 1 5/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	8.17
32.83	(2) 1 5/8" Hybriflex	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	2.16
32.83	(1) 1/4" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	0.05
32.83	(2) 3/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	0.13
32.83	(1) 7/8" Coax	Yes	0.83	0.000	0.00	0.00	0.00	8.614	0.457	0.000	0.00	0.27
33.00	(3) 1/2" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.08
33.00	(6) 5/16" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.05
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.06
33.00	(18) 1 5/8" Coax	Yes	0.17	0.978	7.92	0.11	0.11	8.609	0.449	0.000	1.04	2.51
33.00	(4) #20 Dywidag	Yes	0.17	1.200	3.75	0.05	0.06	8.609	0.449	0.000	0.60	0.00
33.00	(1) 2" Conduit	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.62
33.00	(12) 1 5/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	1.67
33.00	(2) 1 5/8" Hybriflex	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.44
33.00	(1) 1/4" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.01
33.00	(2) 3/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.03
33.00	(1) 7/8" Coax	Yes	0.17	0.000	0.00	0.00	0.00	8.609	0.449	0.000	0.00	0.06
34.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	0.45

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:32 AM
 Page : 111



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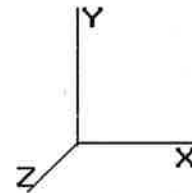
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

34.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	0.27
34.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	0.33
34.00	(18) 1 5/8" Coax	Yes	1.00	0.979	7.92	0.66	0.65	8.582	0.451	0.000	6.10	14.76
34.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.582	0.451	0.000	3.54	0.00
34.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	3.65
34.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	9.84
34.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	2.60
34.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	0.06
34.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	0.16
34.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.582	0.451	0.000	0.00	0.33
35.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	0.45
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	0.27
35.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	0.33
35.00	(18) 1 5/8" Coax	Yes	1.00	0.981	7.92	0.66	0.65	8.556	0.454	0.000	6.09	14.76
35.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.556	0.454	0.000	3.53	0.00
35.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	3.65
35.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	9.84
35.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	2.60
35.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	0.06
35.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	0.16
35.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.556	0.454	0.000	0.00	0.33
36.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	0.45
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	0.27
36.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	0.33
36.00	(18) 1 5/8" Coax	Yes	1.00	0.982	7.92	0.66	0.65	8.532	0.457	0.000	6.08	14.76
36.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.532	0.457	0.000	3.52	0.00
36.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	3.65
36.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	9.84
36.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	2.60
36.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	0.06
36.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	0.16
36.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.532	0.457	0.000	0.00	0.33
37.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	0.45
37.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	0.27
37.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	0.33
37.00	(18) 1 5/8" Coax	Yes	1.00	0.984	7.92	0.66	0.65	8.509	0.460	0.000	6.08	14.76
37.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.509	0.460	0.000	3.51	0.00
37.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	3.65
37.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	9.84
37.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	2.60
37.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	0.06
37.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	0.16
37.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.509	0.460	0.000	0.00	0.33
38.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	0.45
38.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	0.27
38.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	0.33
38.00	(18) 1 5/8" Coax	Yes	1.00	0.985	7.92	0.66	0.65	8.488	0.463	0.000	6.07	14.76
38.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.488	0.463	0.000	3.50	0.00
38.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	3.65
38.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	9.84
38.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	2.60
38.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	0.06
38.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	0.16
38.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.488	0.463	0.000	0.00	0.33
39.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.468	0.466	0.000	0.00	0.45
39.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.468	0.466	0.000	0.00	0.27
39.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.468	0.466	0.000	0.00	0.33

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 113



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 29 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

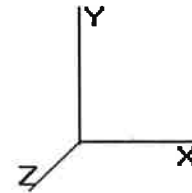
Wind Load Factor : 1.00

44.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.482	0.000	0.00	3.65
44.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.482	0.000	0.00	9.84
44.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.482	0.000	0.00	2.60
44.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.482	0.000	0.00	0.06
44.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.482	0.000	0.00	0.16
44.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.482	0.000	0.00	0.33
45.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	0.45
45.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	0.27
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	0.33
45.00	(18) 1 5/8" Coax	Yes	1.00	0.991	7.92	0.66	0.65	8.377	0.486	0.000	6.03	14.76
45.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.377	0.486	0.000	3.46	0.00
45.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	3.65
45.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	9.84
45.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	2.60
45.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	0.06
45.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	0.16
45.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.377	0.486	0.000	0.00	0.33
46.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	0.45
46.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	0.27
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	0.33
46.00	(18) 1 5/8" Coax	Yes	1.00	0.992	7.92	0.66	0.65	8.366	0.489	0.000	6.03	14.76
46.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.366	0.489	0.000	3.45	0.00
46.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	3.65
46.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	9.84
46.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	2.60
46.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	0.06
46.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	0.16
46.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.366	0.489	0.000	0.00	0.33
47.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	0.45
47.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	0.27
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	0.33
47.00	(18) 1 5/8" Coax	Yes	1.00	0.993	7.92	0.66	0.66	8.357	0.493	0.000	6.02	14.76
47.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.357	0.493	0.000	3.45	0.00
47.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	3.65
47.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	9.84
47.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	2.60
47.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	0.06
47.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	0.16
47.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.357	0.493	0.000	0.00	0.33
48.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	0.45
48.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	0.27
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	0.33
48.00	(18) 1 5/8" Coax	Yes	1.00	0.993	7.92	0.66	0.66	8.349	0.496	0.000	6.02	14.76
48.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.349	0.496	0.000	3.44	0.00
48.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	3.65
48.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	9.84
48.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	2.60
48.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	0.06
48.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	0.16
48.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.496	0.000	0.00	0.33
49.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	0.45
49.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	0.27
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	0.33
49.00	(18) 1 5/8" Coax	Yes	1.00	0.993	7.92	0.66	0.66	8.342	0.500	0.000	6.02	14.76
49.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.342	0.500	0.000	3.44	0.00
49.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	3.65
49.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	9.84

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 114



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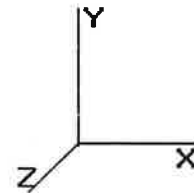
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

49.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	2.60
49.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	0.06
49.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	0.16
49.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.342	0.500	0.000	0.00	0.33
50.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	0.45
50.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	0.27
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	0.33
50.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.336	0.503	0.000	6.01	14.76
50.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.336	0.503	0.000	3.44	0.00
50.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	3.65
50.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	9.84
50.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	2.60
50.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	0.06
50.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	0.16
50.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.336	0.503	0.000	0.00	0.33
51.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	0.45
51.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	0.27
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	0.33
51.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.331	0.507	0.000	6.01	14.76
51.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.331	0.507	0.000	3.44	0.00
51.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	3.65
51.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	9.84
51.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	2.60
51.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	0.06
51.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	0.16
51.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.331	0.507	0.000	0.00	0.33
52.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	0.45
52.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	0.27
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	0.33
52.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.327	0.511	0.000	6.01	14.76
52.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.327	0.511	0.000	3.43	0.00
52.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	3.65
52.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	9.84
52.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	2.60
52.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	0.06
52.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	0.16
52.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.327	0.511	0.000	0.00	0.33
53.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	0.45
53.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	0.27
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	0.33
53.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.324	0.515	0.000	6.01	14.76
53.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.324	0.515	0.000	3.43	0.00
53.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	3.65
53.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	9.84
53.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	2.60
53.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	0.06
53.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	0.16
53.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.515	0.000	0.00	0.33
54.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	0.45
54.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	0.27
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	0.33
54.00	(18) 1 5/8" Coax	Yes	1.00	0.995	7.92	0.66	0.66	8.322	0.519	0.000	6.01	14.76
54.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.322	0.519	0.000	3.43	0.00
54.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	3.65
54.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	9.84
54.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	2.60
54.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.519	0.000	0.00	0.06

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 115



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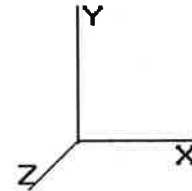
Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

54.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	8.322	0.519	0.000	0.00	0.16
54.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	8.322	0.519	0.000	0.00	0.33
55.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	8.321	0.522	0.000	0.00	0.45
55.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	8.321	0.522	0.000	0.00	0.27
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	0.00	8.321	0.522	0.000	0.00	0.33
55.00	(18) 1 5/8" Coax	Yes	1.00	0.995	7.92	0.66	0.66	8.321	0.522	0.000	6.01	14.76	
55.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.321	0.522	0.000	3.43	0.00	
55.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.522	0.000	0.00	3.65	
55.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.522	0.000	0.00	9.84	
55.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.522	0.000	0.00	2.60	
55.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.522	0.000	0.00	0.06	
55.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.522	0.000	0.00	0.16	
55.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.522	0.000	0.00	0.33	
56.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	0.45	
56.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	0.27	
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	0.33	
56.00	(18) 1 5/8" Coax	Yes	1.00	0.995	7.92	0.66	0.66	8.321	0.526	0.000	6.01	14.76	
56.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.321	0.526	0.000	3.43	0.00	
56.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	3.65	
56.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	9.84	
56.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	2.60	
56.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	0.06	
56.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	0.16	
56.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.321	0.526	0.000	0.00	0.33	
57.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	0.45	
57.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	0.27	
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	0.33	
57.00	(18) 1 5/8" Coax	Yes	1.00	0.995	7.92	0.66	0.66	8.322	0.531	0.000	6.01	14.76	
57.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.322	0.531	0.000	3.43	0.00	
57.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	3.65	
57.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	9.84	
57.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	2.60	
57.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	0.06	
57.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	0.16	
57.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.322	0.531	0.000	0.00	0.33	
58.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	0.45	
58.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	0.27	
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	0.33	
58.00	(18) 1 5/8" Coax	Yes	1.00	0.995	7.92	0.66	0.66	8.324	0.535	0.000	6.01	14.76	
58.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.324	0.535	0.000	3.43	0.00	
58.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	3.65	
58.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	9.84	
58.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	2.60	
58.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	0.06	
58.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	0.16	
58.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.324	0.535	0.000	0.00	0.33	
59.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	0.45	
59.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	0.27	
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	0.33	
59.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.326	0.539	0.000	6.01	14.76	
59.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.326	0.539	0.000	3.43	0.00	
59.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	3.65	
59.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	9.84	
59.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	2.60	
59.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	0.06	
59.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	0.16	
59.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.326	0.539	0.000	0.00	0.33	

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 116



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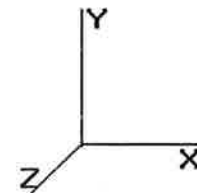
Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**
Gust Response Factor : 1.10 **Wind Importance Factor : 1.00**
Dead Load Factor : 1.00
Wind Load Factor : 1.00

60.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	0.45
60.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	0.27
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	0.33
60.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.329	0.543	0.000	6.01	14.76
60.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.329	0.543	0.000	3.44	0.00
60.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	3.65
60.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	9.84
60.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	2.60
60.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	0.06
60.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	0.16
60.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.329	0.543	0.000	0.00	0.33
61.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	0.45
61.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	0.27
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	0.33
61.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.333	0.547	0.000	6.01	14.76
61.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.333	0.547	0.000	3.44	0.00
61.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	3.65
61.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	9.84
61.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	2.60
61.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	0.06
61.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	0.16
61.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.333	0.547	0.000	0.00	0.33
62.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	0.45
62.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	0.27
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	0.33
62.00	(18) 1 5/8" Coax	Yes	1.00	0.994	7.92	0.66	0.66	8.338	0.552	0.000	6.02	14.76
62.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.338	0.552	0.000	3.44	0.00
62.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	3.65
62.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	9.84
62.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	2.60
62.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	0.06
62.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	0.16
62.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.338	0.552	0.000	0.00	0.33
62.92	(3) 1/2" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	0.41
62.92	(6) 5/16" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	0.25
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	0.30
62.92	(18) 1 5/8" Coax	Yes	0.92	0.993	7.92	0.60	0.60	8.343	0.556	0.000	5.51	13.53
62.92	(4) #20 Dywidag	Yes	0.92	1.200	3.75	0.29	0.34	8.343	0.556	0.000	3.15	0.00
62.92	(1) 2" Conduit	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	3.35
62.92	(12) 1 5/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	9.02
62.92	(2) 1 5/8" Hybriflex	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	2.38
62.92	(1) 1/4" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	0.05
62.92	(2) 3/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	0.15
62.92	(1) 7/8" Coax	Yes	0.92	0.000	0.00	0.00	0.00	8.343	0.556	0.000	0.00	0.30
63.00	(3) 1/2" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.04
63.00	(6) 5/16" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.02
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.03
63.00	(18) 1 5/8" Coax	Yes	0.08	0.993	7.92	0.06	0.05	8.343	0.558	0.000	0.50	1.23
63.00	(4) #20 Dywidag	Yes	0.08	1.200	3.75	0.03	0.03	8.343	0.558	0.000	0.29	0.00
63.00	(1) 2" Conduit	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.30
63.00	(12) 1 5/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.82
63.00	(2) 1 5/8" Hybriflex	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.22
63.00	(1) 1/4" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.01
63.00	(2) 3/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.01
63.00	(1) 7/8" Coax	Yes	0.08	0.000	0.00	0.00	0.00	8.343	0.558	0.000	0.00	0.03
64.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	0.45
64.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	0.27

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page : 117



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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**

Gust Response Factor : 1.10 **Wind Importance Factor :** 1.00

Dead Load Factor : 1.00

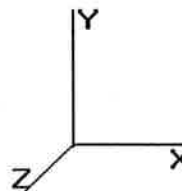
Wind Load Factor : 1.00

64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	0.33
64.00	(18) 1 5/8" Coax	Yes	1.00	0.993	7.92	0.66	0.66	8.349	0.561	0.000	6.02	14.76
64.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.349	0.561	0.000	3.44	0.00
64.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	3.65
64.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	9.84
64.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	2.60
64.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	0.06
64.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	0.16
64.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.349	0.561	0.000	0.00	0.33
65.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	0.45
65.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	0.27
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	0.33
65.00	(18) 1 5/8" Coax	Yes	1.00	0.993	7.92	0.66	0.66	8.356	0.565	0.000	6.02	14.76
65.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.356	0.565	0.000	3.45	0.00
65.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	3.65
65.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	9.84
65.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	2.60
65.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	0.06
65.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	0.16
65.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.356	0.565	0.000	0.00	0.33
65.75	(3) 1/2" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	0.34
65.75	(6) 5/16" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	0.20
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	0.25
65.75	(18) 1 5/8" Coax	Yes	0.75	0.992	7.92	0.49	0.49	8.362	0.569	0.000	4.52	11.07
65.75	(4) #20 Dywidag	Yes	0.75	1.200	3.75	0.23	0.28	8.362	0.569	0.000	2.59	0.00
65.75	(1) 2" Conduit	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	2.74
65.75	(12) 1 5/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	7.38
65.75	(2) 1 5/8" Hybriflex	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	1.95
65.75	(1) 1/4" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	0.04
65.75	(2) 3/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	0.12
65.75	(1) 7/8" Coax	Yes	0.75	0.000	0.00	0.00	0.00	8.362	0.569	0.000	0.00	0.25
66.00	(3) 1/2" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.11
66.00	(6) 5/16" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.07
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.08
66.00	(18) 1 5/8" Coax	Yes	0.25	0.992	7.92	0.17	0.16	8.363	0.561	0.000	1.51	3.69
66.00	(4) #20 Dywidag	Yes	0.25	1.200	3.75	0.08	0.09	8.363	0.561	0.000	0.86	0.00
66.00	(1) 2" Conduit	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.91
66.00	(12) 1 5/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	2.46
66.00	(2) 1 5/8" Hybriflex	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.65
66.00	(1) 1/4" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.02
66.00	(2) 3/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.04
66.00	(1) 7/8" Coax	Yes	0.25	0.000	0.00	0.00	0.00	8.363	0.561	0.000	0.00	0.08
67.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	0.45
67.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	0.27
67.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	0.33
67.00	(18) 1 5/8" Coax	Yes	1.00	0.992	7.92	0.66	0.65	8.371	0.564	0.000	6.03	14.76
67.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.371	0.564	0.000	3.45	0.00
67.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	3.65
67.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	9.84
67.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	2.60
67.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	0.06
67.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.371	0.564	0.000	0.00	0.16
68.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	0.45
68.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	0.27
68.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	0.33
68.00	(18) 1 5/8" Coax	Yes	1.00	0.991	7.92	0.66	0.65	8.380	0.569	0.000	6.03	14.76
68.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.380	0.569	0.000	3.46	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 118



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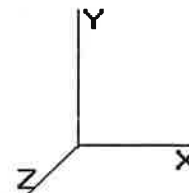
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

68.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	3.65
68.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	9.84
68.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	2.60
68.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	0.06
68.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.380	0.569	0.000	0.00	0.16
69.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	0.45
69.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	0.27
69.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	0.33
69.00	(18) 1 5/8" Coax	Yes	1.00	0.991	7.92	0.66	0.65	8.389	0.573	0.000	6.03	14.76
69.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.389	0.573	0.000	3.46	0.00
69.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	3.65
69.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	9.84
69.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	2.60
69.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	0.06
69.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.389	0.573	0.000	0.00	0.16
70.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	0.45
70.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	0.27
70.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	0.33
70.00	(18) 1 5/8" Coax	Yes	1.00	0.990	7.92	0.66	0.65	8.398	0.578	0.000	6.04	14.76
70.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.398	0.578	0.000	3.46	0.00
70.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	3.65
70.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	9.84
70.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	2.60
70.00	(1) 1/4" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	0.06
70.00	(2) 3/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.398	0.578	0.000	0.00	0.16
71.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.408	0.583	0.000	0.00	0.45
71.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.408	0.583	0.000	0.00	0.27
71.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.408	0.583	0.000	0.00	0.33
71.00	(18) 1 5/8" Coax	Yes	1.00	0.989	7.92	0.66	0.65	8.408	0.583	0.000	6.04	14.76
71.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.408	0.583	0.000	3.47	0.00
71.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.408	0.583	0.000	0.00	3.65
71.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.408	0.583	0.000	0.00	9.84
71.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.408	0.583	0.000	0.00	2.60
72.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.419	0.588	0.000	0.00	0.45
72.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.419	0.588	0.000	0.00	0.27
72.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.419	0.588	0.000	0.00	0.33
72.00	(18) 1 5/8" Coax	Yes	1.00	0.989	7.92	0.66	0.65	8.419	0.588	0.000	6.04	14.76
72.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.419	0.588	0.000	3.47	0.00
72.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.419	0.588	0.000	0.00	3.65
72.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.419	0.588	0.000	0.00	9.84
72.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.419	0.588	0.000	0.00	2.60
73.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.430	0.593	0.000	0.00	0.45
73.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.430	0.593	0.000	0.00	0.27
73.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.430	0.593	0.000	0.00	0.33
73.00	(18) 1 5/8" Coax	Yes	1.00	0.988	7.92	0.66	0.65	8.430	0.593	0.000	6.05	14.76
73.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.430	0.593	0.000	3.48	0.00
73.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.430	0.593	0.000	0.00	3.65
73.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.430	0.593	0.000	0.00	9.84
73.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.430	0.593	0.000	0.00	2.60
74.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.441	0.598	0.000	0.00	0.45
74.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.441	0.598	0.000	0.00	0.27
74.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.441	0.598	0.000	0.00	0.33
74.00	(18) 1 5/8" Coax	Yes	1.00	0.988	7.92	0.66	0.65	8.441	0.598	0.000	6.05	14.76
74.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.441	0.598	0.000	3.48	0.00
74.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.441	0.598	0.000	0.00	3.65
74.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.441	0.598	0.000	0.00	9.84
74.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.441	0.598	0.000	0.00	2.60

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page : 119



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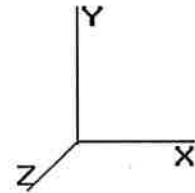
Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

75.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.453	0.604	0.000	0.00	0.45
75.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.453	0.604	0.000	0.00	0.27
75.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.453	0.604	0.000	0.00	0.33
75.00	(18) 1 5/8" Coax	Yes	1.00	0.987	7.92	0.66	0.65	8.453	0.604	0.000	6.06	14.76
75.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.453	0.604	0.000	3.49	0.00
75.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.453	0.604	0.000	0.00	3.65
75.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.453	0.604	0.000	0.00	9.84
75.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.453	0.604	0.000	0.00	2.60
76.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.465	0.609	0.000	0.00	0.45
76.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.465	0.609	0.000	0.00	0.27
76.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.465	0.609	0.000	0.00	0.33
76.00	(18) 1 5/8" Coax	Yes	1.00	0.986	7.92	0.66	0.65	8.465	0.609	0.000	6.06	14.76
76.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.465	0.609	0.000	3.49	0.00
76.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.465	0.609	0.000	0.00	3.65
76.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.465	0.609	0.000	0.00	9.84
76.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.465	0.609	0.000	0.00	2.60
77.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.478	0.614	0.000	0.00	0.45
77.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.478	0.614	0.000	0.00	0.27
77.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.478	0.614	0.000	0.00	0.33
77.00	(18) 1 5/8" Coax	Yes	1.00	0.985	7.92	0.66	0.65	8.478	0.614	0.000	6.07	14.76
77.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.478	0.614	0.000	3.50	0.00
77.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.478	0.614	0.000	0.00	3.65
77.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.478	0.614	0.000	0.00	9.84
77.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.478	0.614	0.000	0.00	2.60
77.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.484	0.619	0.000	0.00	0.23
77.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.484	0.619	0.000	0.00	0.14
77.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.484	0.619	0.000	0.00	0.17
77.50	(18) 1 5/8" Coax	Yes	0.50	0.985	7.92	0.33	0.33	8.484	0.619	0.000	3.03	7.38
77.50	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.16	0.19	8.484	0.619	0.000	1.75	0.00
77.50	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	8.484	0.619	0.000	0.00	1.83
77.50	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.484	0.619	0.000	0.00	4.92
77.50	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	8.484	0.619	0.000	0.00	1.30
78.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.491	0.621	0.000	0.00	0.23
78.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.491	0.621	0.000	0.00	0.14
78.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.491	0.621	0.000	0.00	0.17
78.00	(18) 1 5/8" Coax	Yes	0.50	0.985	7.92	0.33	0.32	8.491	0.621	0.000	3.03	7.38
78.00	(4) #20 Dywidag	Yes	0.50	1.200	3.75	0.16	0.19	8.491	0.621	0.000	1.75	0.00
78.00	(1) 2" Conduit	Yes	0.50	0.000	0.00	0.00	0.00	8.491	0.621	0.000	0.00	1.83
78.00	(12) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.491	0.621	0.000	0.00	4.92
78.00	(2) 1 5/8" Hybriflex	Yes	0.50	0.000	0.00	0.00	0.00	8.491	0.621	0.000	0.00	1.30
79.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.504	0.626	0.000	0.00	0.45
79.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.504	0.626	0.000	0.00	0.27
79.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.504	0.626	0.000	0.00	0.33
79.00	(18) 1 5/8" Coax	Yes	1.00	0.984	7.92	0.66	0.65	8.504	0.626	0.000	6.07	14.76
79.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.504	0.626	0.000	3.51	0.00
79.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.504	0.626	0.000	0.00	3.65
79.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.504	0.626	0.000	0.00	9.84
79.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.504	0.626	0.000	0.00	2.60
80.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.517	0.631	0.000	0.00	0.45
80.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.517	0.631	0.000	0.00	0.27
80.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.517	0.631	0.000	0.00	0.33
80.00	(18) 1 5/8" Coax	Yes	1.00	0.983	7.92	0.66	0.65	8.517	0.631	0.000	6.08	14.76
80.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.517	0.631	0.000	3.51	0.00
80.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.517	0.631	0.000	0.00	3.65
80.00	(12) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.517	0.631	0.000	0.00	9.84
80.00	(2) 1 5/8" Hybriflex	Yes	1.00	0.000	0.00	0.00	0.00	8.517	0.631	0.000	0.00	2.60
81.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.531	0.637	0.000	0.00	0.45

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 120



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 29 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

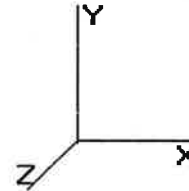
Wind Load Factor : 1.00

81.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.531	0.637	0.000	0.00	0.27
81.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.531	0.637	0.000	0.00	0.33
81.00	(18) 1 5/8" Coax	Yes	1.00	0.982	7.92	0.66	0.65	8.531	0.637	0.000	6.08	14.76
81.00	(4) #20 Dywidag	Yes	1.00	1.200	3.75	0.31	0.38	8.531	0.637	0.000	3.52	0.00
81.00	(1) 2" Conduit	Yes	1.00	0.000	0.00	0.00	0.00	8.531	0.637	0.000	0.00	3.65
82.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.546	0.568	0.000	0.00	0.45
82.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.546	0.568	0.000	0.00	0.27
82.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.546	0.568	0.000	2.24	3.65
82.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.546	0.568	0.000	0.00	0.33
82.00	(18) 1 5/8" Coax	Yes	1.00	0.982	7.92	0.66	0.65	8.546	0.568	0.000	6.09	14.76
83.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.560	0.573	0.000	0.00	0.45
83.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.560	0.573	0.000	0.00	0.27
83.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.560	0.573	0.000	2.24	3.65
83.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.560	0.573	0.000	0.00	0.33
83.00	(18) 1 5/8" Coax	Yes	1.00	0.981	7.92	0.66	0.65	8.560	0.573	0.000	6.09	14.76
84.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.575	0.578	0.000	0.00	0.45
84.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.575	0.578	0.000	0.00	0.27
84.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.575	0.578	0.000	2.24	3.65
84.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.575	0.578	0.000	0.00	0.33
84.00	(18) 1 5/8" Coax	Yes	1.00	0.980	7.92	0.66	0.65	8.575	0.578	0.000	6.10	14.76
85.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.590	0.584	0.000	0.00	0.45
85.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.590	0.584	0.000	0.00	0.27
85.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.590	0.584	0.000	2.25	3.65
85.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.590	0.584	0.000	0.00	0.33
85.00	(18) 1 5/8" Coax	Yes	1.00	0.979	7.92	0.66	0.65	8.590	0.584	0.000	6.11	14.76
86.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.605	0.590	0.000	0.00	0.45
86.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.605	0.590	0.000	0.00	0.27
86.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.605	0.590	0.000	2.25	3.65
86.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.605	0.590	0.000	0.00	0.33
86.00	(18) 1 5/8" Coax	Yes	1.00	0.978	7.92	0.66	0.65	8.605	0.590	0.000	6.11	14.76
87.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.621	0.595	0.000	0.00	0.45
87.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.621	0.595	0.000	0.00	0.27
87.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.621	0.595	0.000	2.26	3.65
87.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.621	0.595	0.000	0.00	0.33
87.00	(18) 1 5/8" Coax	Yes	1.00	0.977	7.92	0.66	0.64	8.621	0.595	0.000	6.12	14.76
88.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.636	0.601	0.000	0.00	0.45
88.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.636	0.601	0.000	0.00	0.27
88.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.636	0.601	0.000	2.26	3.65
88.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.636	0.601	0.000	0.00	0.33
88.00	(18) 1 5/8" Coax	Yes	1.00	0.976	7.92	0.66	0.64	8.636	0.601	0.000	6.12	14.76
89.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.607	0.000	0.00	0.45
89.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.607	0.000	0.00	0.27
89.00	(1) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.652	0.607	0.000	2.27	3.65
89.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.652	0.607	0.000	0.00	0.33
89.00	(18) 1 5/8" Coax	Yes	1.00	0.975	7.92	0.66	0.64	8.652	0.607	0.000	6.13	14.76
89.50	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.660	0.612	0.000	0.00	0.23
89.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.660	0.612	0.000	0.00	0.14
89.50	(1) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	8.660	0.612	0.000	1.13	1.83
89.50	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.660	0.612	0.000	0.00	0.17
89.50	(18) 1 5/8" Coax	Yes	0.50	0.975	7.92	0.33	0.32	8.660	0.612	0.000	3.07	7.38
90.00	(3) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.668	0.142	1.126	0.00	0.23
90.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.668	0.142	1.126	0.00	0.14
90.00	(1) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	8.668	0.142	1.126	0.00	1.83
90.00	(1) 7/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	8.668	0.142	1.126	0.00	0.17
91.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.685	0.143	1.130	0.00	0.45
91.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.685	0.143	1.130	0.00	0.27
91.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.685	0.143	1.130	0.00	3.65

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page : 121



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Load Case: 1.0D + 1.0W 60.00 mph Serviceability 29 Iterations

Gust Response Factor : 1.10 Wind Importance Factor : 1.00

Dead Load Factor : 1.00

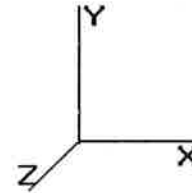
Wind Load Factor : 1.00

91.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.685	0.143	1.130	0.00	0.33
92.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.145	1.134	0.00	0.45
92.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.145	1.134	0.00	0.27
92.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.701	0.145	1.134	0.00	3.65
92.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.701	0.145	1.134	0.00	0.33
93.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.718	0.146	1.138	0.00	0.45
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.718	0.146	1.138	0.00	0.27
93.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.718	0.146	1.138	0.00	3.65
93.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.718	0.146	1.138	0.00	0.33
94.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.734	0.148	1.143	0.00	0.45
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.734	0.148	1.143	0.00	0.27
94.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.734	0.148	1.143	0.00	3.65
94.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.734	0.148	1.143	0.00	0.33
95.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.751	0.149	1.148	0.00	0.45
95.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.751	0.149	1.148	0.00	0.27
95.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.751	0.149	1.148	0.00	3.65
95.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.751	0.149	1.148	0.00	0.33
96.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.768	0.151	1.153	0.00	0.45
96.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.768	0.151	1.153	0.00	0.27
96.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.768	0.151	1.153	0.00	3.65
96.00	(1) 7/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.768	0.151	1.153	0.00	0.33
97.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.786	0.153	1.158	0.00	0.45
97.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.786	0.153	1.158	0.00	0.27
97.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.786	0.153	1.158	0.00	3.65
98.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.803	0.154	1.163	0.00	0.45
98.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.803	0.154	1.163	0.00	0.27
98.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.803	0.154	1.163	0.00	3.65
99.00	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.820	0.156	1.168	0.00	0.45
99.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.820	0.156	1.168	0.00	0.27
99.00	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.820	0.156	1.168	0.00	3.65
100.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.838	0.158	1.173	0.00	0.45
100.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.838	0.158	1.173	0.00	0.27
100.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.838	0.158	1.173	0.00	3.65
101.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.855	0.187	1.260	0.00	0.45
101.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.855	0.187	1.260	0.00	0.27
101.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.855	0.187	1.260	0.00	3.65
102.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.873	0.187	1.260	0.00	0.45
102.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.873	0.187	1.260	0.00	0.27
102.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.873	0.187	1.260	0.00	3.65
103.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.891	0.187	1.260	0.00	0.45
103.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.891	0.187	1.260	0.00	0.27
103.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.891	0.187	1.260	0.00	3.65
104.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.909	0.187	1.260	0.00	0.45
104.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.909	0.187	1.260	0.00	0.27
104.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.909	0.187	1.260	0.00	3.65
105.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.927	0.187	1.260	0.00	0.45
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.927	0.187	1.260	0.00	0.27
105.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.927	0.187	1.260	0.00	3.65
106.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.945	0.187	1.260	0.00	0.45
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.945	0.187	1.260	0.00	0.27
106.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.945	0.187	1.260	0.00	3.65
107.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.963	0.187	1.260	0.00	0.45
107.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.963	0.187	1.260	0.00	0.27
107.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.963	0.187	1.260	0.00	3.65
108.0	(3) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.981	0.187	1.260	0.00	0.45
108.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.981	0.187	1.260	0.00	0.27
108.0	(1) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	8.981	0.187	1.260	0.00	3.65

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 123



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Load Case: 1.0D + 1.0W	60.00 mph Serviceability	29 Iterations
Gust Response Factor : 1.10		Wind Importance Factor : 1.00
Dead Load Factor : 1.00		
Wind Load Factor : 1.00		

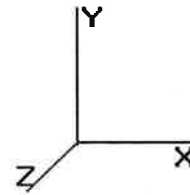
Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
1.00	46.26	148.07	0.00	0.00
2.00	44.58	147.62	0.00	0.00
3.00	43.00	147.17	0.00	0.00
4.00	41.50	146.72	0.00	0.00
5.00	40.09	146.27	0.00	0.00
6.00	60.09	196.94	0.00	0.00
7.00	58.31	196.49	0.00	0.00
8.00	56.62	196.04	0.00	0.00
9.00	55.01	195.60	0.00	0.00
10.00	53.50	195.15	0.00	0.00
11.00	52.05	194.70	0.00	0.00
12.00	50.68	194.25	0.00	0.00
13.00	49.38	193.80	0.00	0.00
14.00	48.15	193.35	0.00	0.00
15.00	46.97	192.90	0.00	0.00
16.00	45.85	192.46	0.00	0.00
17.00	44.79	192.01	0.00	0.00
18.00	43.77	191.56	0.00	0.00
19.00	42.81	191.11	0.00	0.00
20.00	41.88	190.66	0.00	0.00
21.00	41.00	190.21	0.00	0.00
22.00	40.16	189.77	0.00	0.00
23.00	39.36	189.32	0.00	0.00
24.00	38.60	188.87	0.00	0.00
25.00	37.86	188.42	0.00	0.00
26.00	37.16	187.97	0.00	0.00
27.00	36.49	187.52	0.00	0.00
28.00	35.85	187.07	0.00	0.00
29.00	35.23	186.63	0.00	0.00
29.33	11.54	61.47	0.00	0.00
30.00	23.54	171.32	0.00	0.00
31.00	34.88	254.91	0.00	0.00
32.00	34.61	254.01	0.00	0.00
32.83	28.53	210.12	0.00	0.00
33.00	5.83	31.64	0.00	0.00
34.00	34.09	185.75	0.00	0.00
35.00	33.84	185.30	0.00	0.00
36.00	33.59	184.85	0.00	0.00
37.00	33.35	184.41	0.00	0.00
38.00	33.11	183.96	0.00	0.00
39.00	32.89	183.51	0.00	0.00
40.00	32.66	183.06	0.00	0.00
41.00	32.45	182.61	0.00	0.00
42.00	32.23	182.16	0.00	0.00
43.00	32.03	181.72	0.00	0.00
44.00	31.83	181.27	0.00	0.00
45.00	31.63	180.82	0.00	0.00
46.00	31.44	180.37	0.00	0.00
47.00	31.25	179.92	0.00	0.00

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 124



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Load Case: 1.0D + 1.0W **60.00 mph Serviceability** **29 Iterations**

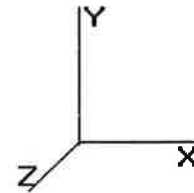
Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

48.00	31.07	179.47	0.00	0.00
49.00	30.89	179.02	0.00	0.00
50.00	30.71	178.58	0.00	0.00
51.00	30.54	178.13	0.00	0.00
52.00	30.37	177.68	0.00	0.00
53.00	30.21	177.23	0.00	0.00
54.00	30.05	176.78	0.00	0.00
55.00	29.89	176.33	0.00	0.00
56.00	29.73	175.88	0.00	0.00
57.00	29.58	175.44	0.00	0.00
58.00	29.43	174.99	0.00	0.00
59.00	29.28	174.54	0.00	0.00
60.00	29.14	174.09	0.00	0.00
61.00	28.99	173.64	0.00	0.00
62.00	28.85	173.19	0.00	0.00
62.92	26.32	158.35	0.00	0.00
63.00	2.42	17.89	0.00	0.00
64.00	28.93	213.98	0.00	0.00
65.00	28.80	213.19	0.00	0.00
65.75	21.51	159.36	0.00	0.00
66.00	27.16	46.42	0.00	40.01
67.00	28.53	158.26	0.00	0.00
68.00	28.40	157.92	0.00	0.00
69.00	28.27	157.59	0.00	0.00
70.00	91.24	201.25	0.00	0.00
71.00	28.02	156.69	0.00	0.00
72.00	27.89	156.36	0.00	0.00
73.00	216.98	685.22	0.00	184.59
74.00	27.64	155.69	0.00	0.00
75.00	27.52	155.35	0.00	0.00
76.00	27.40	155.01	0.00	0.00
77.00	27.28	154.68	0.00	0.00
77.50	13.59	77.21	0.00	0.00
78.00	13.56	43.73	0.00	0.00
79.00	27.03	87.20	0.00	0.00
80.00	749.80	1,341.67	0.00	0.00
81.00	26.79	74.09	0.00	0.00
82.00	25.39	73.75	0.00	0.00
83.00	25.26	73.42	0.00	0.00
84.00	25.14	73.08	0.00	0.00
85.00	25.02	72.75	0.00	0.00
86.00	24.90	72.41	0.00	0.00
87.00	24.78	72.07	0.00	0.00
88.00	24.66	71.74	0.00	0.00
89.00	24.53	71.40	0.00	0.00
89.50	433.04	1,796.27	0.00	258.28
90.00	6.65	28.11	0.00	0.00
91.00	13.23	55.97	0.00	0.00
92.00	13.12	55.63	0.00	0.00
93.00	13.01	55.30	0.00	0.00
94.00	12.90	54.96	0.00	0.00
95.00	12.79	54.62	0.00	0.00
96.00	42.36	75.99	0.00	30.68
97.00	12.57	53.62	0.00	0.00
98.00	12.46	53.28	0.00	0.00
99.00	12.34	52.95	0.00	0.00
100.0	890.34	2,921.41	0.00	863.59

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page: 125



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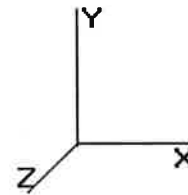
Load Case: 1.0D + 1.0W 60.00 mph Serviceability 29 Iterations
 Gust Response Factor : 1.10 Wind Importance Factor : 1.00
 Dead Load Factor : 1.00
 Wind Load Factor : 1.00

101.0	6.21	53.98	0.00	0.00
102.0	6.22	53.98	0.00	0.00
103.0	6.23	53.98	0.00	0.00
104.0	6.25	53.98	0.00	0.00
105.0	6.26	53.98	0.00	0.00
106.0	6.27	53.98	0.00	0.00
107.0	6.29	53.98	0.00	0.00
108.0	6.30	53.98	0.00	0.00
109.0	6.31	53.98	0.00	0.00
110.0	342.33	946.78	0.00	0.00
Totals:	7,871.46	72,410.56	0.00	1,377.15

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides. Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:33 AM
 Page : 126



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Load Case: 1.0D + 1.0W

60.00 mph Serviceability

29 Iterations

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

Wind Importance Factor : 1.00

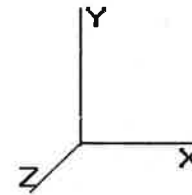
Calculated Forces

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	-23.52	-5.95	0.00	-401.03	0.00	401.03	1,564.13	782.07	1,919.99	948.21	0.00	0.00	0.197
1.00	-23.37	-5.91	0.00	-395.08	0.00	395.08	1,559.62	779.81	1,903.83	940.23	0.00	-0.02	0.195
2.00	-23.22	-5.88	0.00	-389.17	0.00	389.17	1,555.07	777.54	1,887.68	932.25	0.01	-0.04	0.193
3.00	-23.08	-5.84	0.00	-383.29	0.00	383.29	1,550.48	775.24	1,871.54	924.28	0.02	-0.06	0.191
4.00	-22.93	-5.81	0.00	-377.45	0.00	377.45	1,545.83	772.92	1,855.40	916.31	0.03	-0.07	0.189
5.00	-22.78	-5.77	0.00	-371.65	0.00	371.65	1,541.15	770.57	1,839.28	908.35	0.05	-0.09	0.187
6.00	-22.58	-5.72	0.00	-365.87	0.00	365.87	1,536.41	768.21	1,823.16	900.39	0.07	-0.11	0.185
7.00	-22.38	-5.67	0.00	-360.15	0.00	360.15	1,531.63	765.82	1,807.05	892.44	0.10	-0.13	0.183
8.00	-22.18	-5.62	0.00	-354.48	0.00	354.48	1,526.81	763.40	1,790.96	884.49	0.13	-0.15	0.180
9.00	-21.99	-5.57	0.00	-348.87	0.00	348.87	1,521.94	760.97	1,774.88	876.55	0.16	-0.17	0.178
10.00	-21.79	-5.52	0.00	-343.30	0.00	343.30	1,517.03	758.51	1,758.81	868.61	0.20	-0.18	0.176
11.00	-21.59	-5.48	0.00	-337.77	0.00	337.77	1,512.06	756.03	1,742.76	860.68	0.24	-0.20	0.174
12.00	-21.40	-5.43	0.00	-332.30	0.00	332.30	1,507.06	753.53	1,726.72	852.76	0.28	-0.22	0.172
13.00	-21.20	-5.39	0.00	-326.87	0.00	326.87	1,502.01	751.00	1,710.70	844.85	0.33	-0.24	0.170
14.00	-21.01	-5.35	0.00	-321.48	0.00	321.48	1,496.91	748.46	1,694.70	836.95	0.38	-0.26	0.168
15.00	-20.81	-5.30	0.00	-316.13	0.00	316.13	1,491.77	745.88	1,678.72	829.05	0.44	-0.27	0.166
16.00	-20.62	-5.26	0.00	-310.83	0.00	310.83	1,486.58	743.29	1,662.75	821.17	0.50	-0.29	0.164
17.00	-20.43	-5.22	0.00	-305.56	0.00	305.56	1,481.35	740.67	1,646.81	813.30	0.56	-0.31	0.162
18.00	-20.23	-5.19	0.00	-300.34	0.00	300.34	1,476.07	738.04	1,630.88	805.43	0.63	-0.33	0.160
19.00	-20.04	-5.15	0.00	-295.15	0.00	295.15	1,470.75	735.37	1,614.98	797.58	0.70	-0.34	0.158
20.00	-19.85	-5.11	0.00	-290.00	0.00	290.00	1,465.38	732.69	1,599.10	789.74	0.77	-0.36	0.156
21.00	-19.66	-5.08	0.00	-284.89	0.00	284.89	1,459.96	729.98	1,583.25	781.91	0.85	-0.38	0.154
22.00	-19.47	-5.04	0.00	-279.82	0.00	279.82	1,454.50	727.25	1,567.42	774.09	0.93	-0.40	0.152
23.00	-19.28	-5.00	0.00	-274.78	0.00	274.78	1,449.00	724.50	1,551.61	766.28	1.02	-0.41	0.150
24.00	-19.09	-4.97	0.00	-269.77	0.00	269.77	1,443.45	721.72	1,535.83	758.49	1.11	-0.43	0.148
25.00	-18.90	-4.94	0.00	-264.80	0.00	264.80	1,437.85	718.92	1,520.08	750.71	1.20	-0.45	0.146
26.00	-18.71	-4.90	0.00	-259.87	0.00	259.87	1,432.21	716.10	1,504.36	742.95	1.29	-0.47	0.144
27.00	-18.52	-4.87	0.00	-254.96	0.00	254.96	1,426.52	713.26	1,488.67	735.20	1.39	-0.48	0.142
28.00	-18.33	-4.84	0.00	-250.09	0.00	250.09	1,420.79	710.39	1,473.01	727.46	1.50	-0.50	0.140
29.00	-18.14	-4.81	0.00	-245.25	0.00	245.25	1,415.01	707.51	1,457.38	719.74	1.60	-0.52	0.138
29.33	-18.08	-4.80	0.00	-243.67	0.00	243.67	1,413.09	706.55	1,452.23	717.20	1.64	-0.52	0.137
30.00	-17.91	-4.78	0.00	-240.46	0.00	240.46	1,409.19	704.59	1,441.78	712.04	1.71	-0.53	0.134
31.00	-17.65	-4.74	0.00	-235.68	0.00	235.68	1,403.32	701.66	1,426.22	704.35	1.83	-0.55	0.132
32.00	-17.40	-4.71	0.00	-230.94	0.00	230.94	1,397.40	698.70	1,410.69	696.68	1.94	-0.57	0.130
32.83	-17.19	-4.68	0.00	-227.03	0.00	227.03	1,130.07	565.03	1,157.93	571.86	2.04	-0.58	0.160
33.00	-17.16	-4.68	0.00	-226.23	0.00	226.23	1,129.20	564.60	1,155.73	570.77	2.06	-0.58	0.160
34.00	-16.97	-4.65	0.00	-221.55	0.00	221.55	1,124.06	562.03	1,142.81	564.39	2.19	-0.60	0.158
35.00	-16.78	-4.62	0.00	-216.91	0.00	216.91	1,119.12	559.56	1,130.16	558.15	2.31	-0.61	0.155
36.00	-16.60	-4.58	0.00	-212.29	0.00	212.29	1,111.65	555.82	1,115.04	550.68	2.44	-0.63	0.153
37.00	-16.41	-4.55	0.00	-207.71	0.00	207.71	1,104.17	552.09	1,100.02	543.26	2.58	-0.64	0.151
38.00	-16.23	-4.52	0.00	-203.15	0.00	203.15	1,096.70	548.35	1,085.11	535.89	2.71	-0.66	0.149
39.00	-16.04	-4.49	0.00	-198.63	0.00	198.63	1,089.22	544.61	1,070.29	528.58	2.85	-0.67	0.146
40.00	-15.86	-4.46	0.00	-194.14	0.00	194.14	1,081.75	540.87	1,055.58	521.31	3.00	-0.69	0.144
41.00	-15.68	-4.43	0.00	-189.68	0.00	189.68	1,074.28	537.14	1,040.96	514.09	3.14	-0.70	0.142
42.00	-15.49	-4.40	0.00	-185.25	0.00	185.25	1,066.80	533.40	1,026.45	506.93	3.29	-0.72	0.140
43.00	-15.31	-4.37	0.00	-180.85	0.00	180.85	1,059.33	529.66	1,012.05	499.81	3.44	-0.73	0.138
44.00	-15.13	-4.34	0.00	-176.48	0.00	176.48	1,051.85	525.93	997.74	492.75	3.60	-0.75	0.135
45.00	-14.95	-4.31	0.00	-172.14	0.00	172.14	1,044.38	522.19	983.54	485.73	3.75	-0.76	0.133
46.00	-14.77	-4.28	0.00	-167.83	0.00	167.83	1,036.90	518.45	969.43	478.77	3.91	-0.77	0.131
47.00	-14.59	-4.25	0.00	-163.55	0.00	163.55	1,029.43	514.72	955.43	471.85	4.08	-0.79	0.129
47.00	-14.59	-4.25	0.00	-163.55	0.00	163.55	1,029.43	514.72	955.43	471.85	4.08	-0.79	0.129

Pole : 302481
 Location : Hrfr - South, CT
 Height : 110.0 (ft)
 Base Dia : 30.00 (in)
 Top Dia : 12.75 (in)
 Shape : 12 Sides, Sect 4: Round
 Taper : 0.163751 (in/ft)

Code: ANSI/TIA-222 Rev G
 Struct Class : II
 Exposure Category : B
 Topographic Category : 4
 Base Elev : 0.000 (ft)

6/6/2014 10:26:34 AM
 Page : 129



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Analysis Summary

Load Case	Reactions						Max Usage	
	Shear FX (kips)	Shear FZ (kips)	Axial FY (kips)	Moment MX (ft-kips)	Moment MY (ft-kips)	Moment MZ (ft-kips)	Elev (ft)	Interaction Ratio
1.2D + 1.6W	23.32	0.00	27.18	0.00	0.00	1596.76	77.50	0.91
0.9D + 1.6W	23.11	0.00	21.67	0.00	0.00	1563.81	77.50	0.87
1.2D + 1.0Di + 1.0Wi	6.11	0.00	66.90	0.00	0.00	455.62	77.50	0.31
1.2D + 1.0E	1.09	0.00	27.19	0.00	0.00	103.38	77.50	0.13
0.9D + 1.0E	1.09	0.00	21.69	0.00	0.00	102.03	77.50	0.12
1.0D + 1.0W	5.95	0.00	23.52	0.00	0.00	401.03	77.50	0.23

Additional Steel Summary

Elev From (ft)	Elev To (ft)	(4) SOL-#20 All Thre Member	Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
			VQ/l (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	MQ/l (kips)	phiVn (kips)	Num Reqd	Num Actual	MQ/l (kips)	phiVn (kips)	Num Reqd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
0.00	47.0	(4) SOL-#20 All Thre	368.0	11.0	16.8	0.0	12.0	0	0	0.0	12.0	0	0	289.7	330.5	0.876
47.0	77.5	(4) SOL-#20 All Thre	408.7	12.3	16.8	73.9	12.0	7	8	0.0	12.0	0	0	174.7	330.5	0.529

Base/Flange Plate	Plate Type	Baseplate
	Pole Diameter	30 in
	Pole Thickness	0.25 in
	Plate Length	44 in
	Plate Thickness	2 in
	Plate Fy	60 ksi
	Weld Length	0.1875 in
	ϕ_s Resistance Applied	1598.36 k-in
		1570.41 k-in
Stiffeners	#	0

Bolts	#	8
	Bolt Circle (R)adial / (S)quare	44 in S
	Bolt Gap Diameter	6 in 2.25 in
	Hole Diameter	2.375 in
	Type	18J
	Fy	75 ksi
	Fu	100 ksi
	ϕ_s Resistance Applied	259.82 k 139.59 k
	Reinforcement	#
DYW. Circle		38.6 in
Offset Angle		0°
Type		#20
Diameter		2.5 in
Fu	100 ksi	
Extra Bolts	#	0

Code Rev. **G**

Date **6/4/2014**
 Engineer **D. Motter**
 Site # **302481**
 Carrier **Verizon**

Moment **1596.8 k-ft**
 Axial **27.2 k**

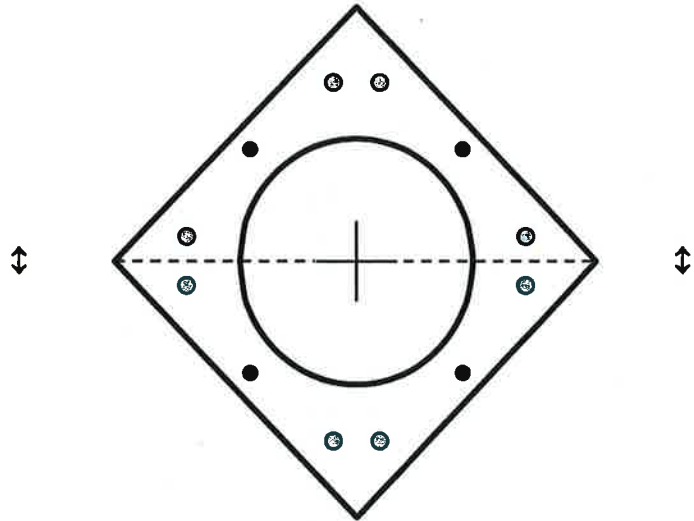


Plate Stress Ratio:
0.98 (Pass)

Bolt Stress Ratio:
0.54 (Pass)

Base/Flange Plate	Plate Type	Flange @ 100.0 ft
	Pole Diameter	12.75 in
	Pole Thickness	0.375 in
	Plate Diameter	28.5 in
	Plate Thickness	1.5 in
	Plate Fy	50 ksi
	Weld Length	0.25 in
	ϕ_s Resistance	168.98 k-in
	Applied	28.50 k-in
	Stiffeners	#

Code Rev. **G**

Date **6/4/2014**
 Engineer **D. Motter**
 Site # **302481**
 Carrier **Verizon**

Moment **16.7 k-ft**
 Axial **1.5 k**

Required Flange Thickness:

0.62 in OK

Bolts	#	6
	Bolt Circle	26 in
	(R)adial / (S)quare	R
	Diameter	1 in
	Hole Diameter	1.0625 in
	Type	A325
	Fy	92 ksi
	Fu	120 ksi
	ϕ_s Resistance	54.52 k
	Applied	4.88 k
Reinforcement	#	0
	#	0
Extra Bolts	#	0

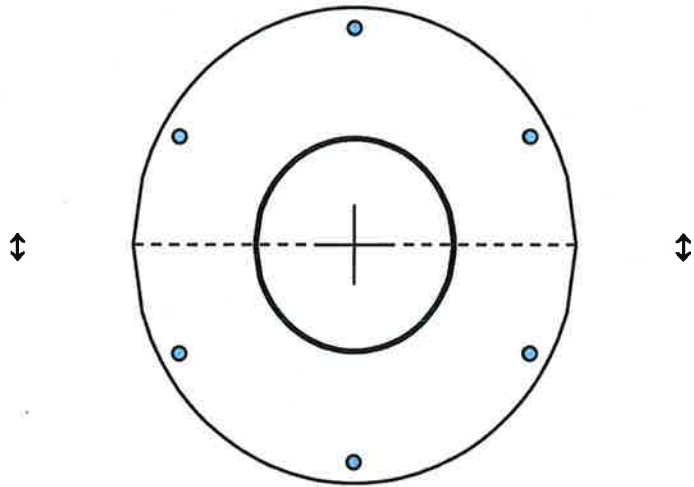


Plate Stress Ratio:
0.17 (Pass)

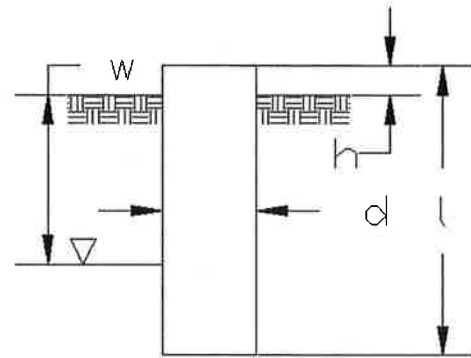
Bolt Stress Ratio:
0.09 (Pass)

Site Name: Hrrr - South, CT
 Site Number: 302481
 Engineer: D. Motter
 Engineering Number: 53958524
 Date: 06/04/14

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

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

Analyze or Design a Foundation? Analyze
 Foundation Mapped: Y
 Moment (M): 1596.8 k-ft
 Shear/Leg (V): 23.3 k
 Axial Load (P): 66.9 k
 Uplift/Leg (U): 0.0 k
 Tower Type (GT / SST / MP): MP
 Diameter of Caisson (d): 10.0 ft
 Caisson Embedment (L-h): 5.5 ft
 Caisson Height Above Ground (h): 0.5 ft
 Depth Below Ground Surface to Water Table (w): 50.0 ft
 Unit Weight of Concrete: 150.0 pcf
 Unit Weight of Water: 62.4 pcf
 Tension Skin Friction/Compression Skin Friction: 1.00
 Pullout Angle: 30.0 degrees



Engineer Notes

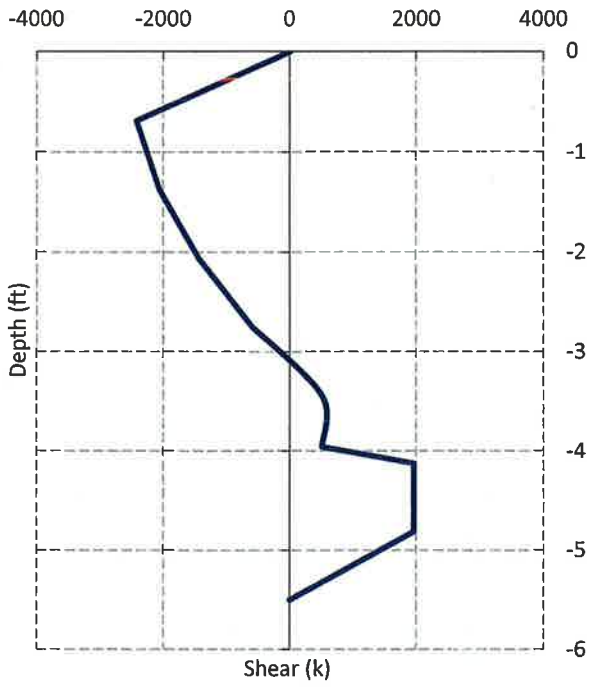
Soil Mechanical Properties

Depth (ft)		γ_{Soil}	Cohesion	ϕ	Ultimate Skin	Ultimate Bearing
Top	Bottom	(pcf)	(psf)	(degree)	Friction (psf)	Pressure (psf)
0.0	1.5	110	0	32	0	0
1.5	3.0	110	0	32	0	0
3.0	5.0	105	0	34	0	0
5.0	10.0	120	0	36	0	15000

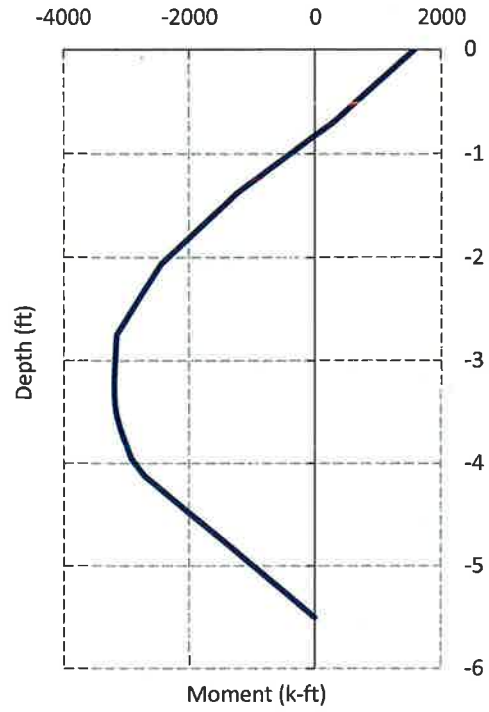
Volume of Concrete: 471.2 ft³ = 17.5 yd³
 Weight of Concrete (Buoyancy Effect Considered): 70.7 k
 Average Soil Unit Weight: 109.1 pcf
 Skin Friction Resistance: 0.0 k
 Compressive Bearing Resistance: 1178.1 k
 Pullout Weight (Minus Concrete Weight): 36.3 k
 Nominal Uplift Capacity per Leg ($\phi_s T_n$): 27.2 k
 Nominal Compressive Capacity per Leg ($\phi_s P_n$): 883.6 k
 P_u : 88.1 k
 $T_u / \phi_s T_n$: 0.00 Result: OK
 $P_u / \phi_s P_n$: 0.10 Result: OK
 Total Lateral Resistance: 145.0 k
 Inflection Point (Below Ground Surface): 4.0 ft
 Design Overturning Moment At Inflection Point (M_D): 1700.7 k-ft
 Nominal Moment Capacity ($\phi_s M_n$): 3036.2 k-ft
 $M_D / \phi_s M_n$: 0.56 Result: OK
 ϕ_s : 0.75

Lateral Capacity

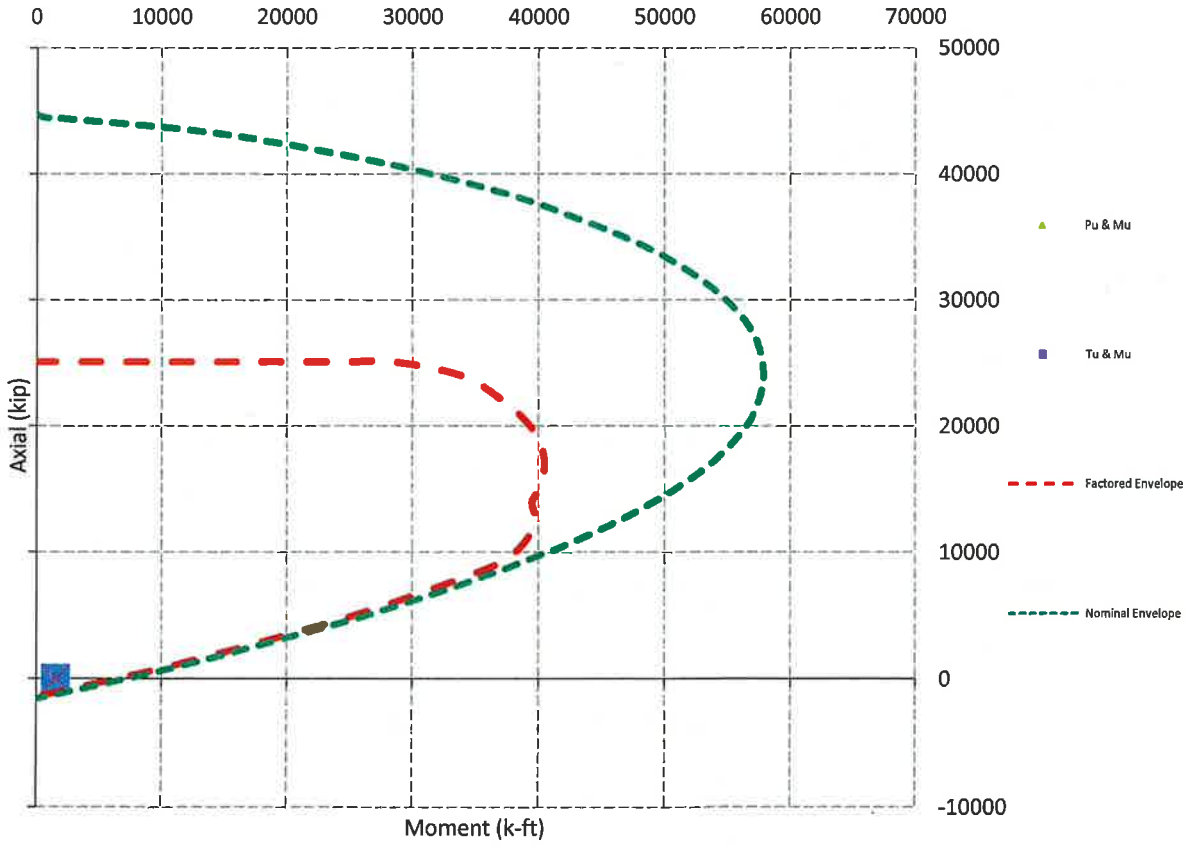
Design Factored Shear / Depth



Design Factored Moment / Depth



Nominal and Factored Moment Capacity and Factored Design Loads



ATTACHMENT 4



HMB Acoustics LLC

3 CherryTree Lane, Avon, Ct. 06001

860-677-5955

February 15, 2014

Doug Drost
Project Engineer, Wireless
Centek Engineering, Inc.
63-2 North Branford Road
Branford, Ct. 06405

Subject: Hartford S 3 - CSC Noise Compliance Study

Dear Mr. Drost:

The noise levels for the V1; V2; A1; A2; T1 and T2 wall mounted HVAC units were calculated while each one was operating separately. Typically only one of the two units on each equipment shelter operates at any one time. Due to the orientation of the shelters; and the distances between them; I did not find any carry-over, or cumulative noise effect from one shelter to another. The noise level was then projected to each property line. The resultant noise level was compared to the State of Ct. Noise Regulation. The Regulation allows a noise level of 55 dBA (daytime); and 45 dBA (nighttime), when measured at a Residential receptor's property line. I found that the six (6) air-conditioner units meet the conditions for compliance as set forth in the Regulation at all property lines.

Allan Smardin
HMB Acoustics LLC

PROJECT INFORMATION:	Centek Job #: 13204.000
Applicant: Cellco Partnership d.b.a. Verizon Wireless	
Applicant Site ID: Hartford S 3	
Site Owner: AT&T	
Site Address: 289H Mountain Street, Hartford, CT	
Subject Zoning District: Residential	
Abutting Zoning District(s): All: Residential	

APPLICANT EQUIPMENT:						
ID	Noise Emitter	Make/Model	Prop. Line. Dist. (FT)			
			North	South	East	West
V-1	Wall Mounted HVAC	Bard / W61A1-105EPXXXJ	136	896	250	333
V-2	Wall Mounted HVAC	Bard / W61A1-105EPXXXJ	136	896	243	338

EXISTING COLOCATORS:						
<input checked="" type="checkbox"/> AT&T	<input checked="" type="checkbox"/> Metro PCS	<input checked="" type="checkbox"/> Other: Town of West Hartford				
<input type="checkbox"/> Sprint	<input checked="" type="checkbox"/> T Mobile	<input checked="" type="checkbox"/> Other: Clearwire				
<input type="checkbox"/> Nextel	<input type="checkbox"/> None	<input type="checkbox"/> Other:				

EXISTING COLOCATOR EQUIPMENT OWNER: AT&T						
ID	Noise Emitter	Make/Model	Prop. Line. Dist. (FT)			
			North	South	East	West
A-1	Wall Mounted HVAC	Marvair / ComPac1	120	911	259	324
A-2	Wall Mounted HVAC	Marvair / ComPac 1	126	905	259	324

EXISTING COLOCATOR EQUIPMENT OWNER: Town of West Hartford						
ID	Noise Emitter	Make/Model	Prop. Line. Dist. (FT)			
			North	South	East	West
T-1	Wall Mounted HVAC	Marvair / ModPac2	145	887	259	313
T-2	Wall Mounted HVAC	Marvair / ModPac2	145	886	273	327

EXISTING COLOCATOR EQUIPMENT OWNER:

ID	Noise Emitter	Make/Model	Prop. Line. Dist. (FT)			
			North	South	East	West

EXISTING COLOCATOR EQUIPMENT OWNER:

ID	Noise Emitter	Make/Model	Prop. Line. Dist. (FT)			
			North	South	East	West

EXISTING COLOCATOR EQUIPMENT OWNER:

ID	Noise Emitter	Make/Model	Prop. Line. Dist. (FT)			
			North	South	East	West

CONCLUSION:

Daytime Regulation: 55dBA	Nighttime Regulation: 45dBA
Compliance: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Compliance: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

BASIS OF FINDINGS:

North property line: V1=33dBA; V2=33 dBA; A1=42 dBA; A2=42 dBA; T1=40dBA; T2=40 dBA
 South property line: V1=28dBA; V2=28 dBA; A1=27 dBA; A2=27 dBA; T1=29dBA; T2=29 dBA
 East property line: V1=38dBA; V2=38 dBA; A1=28 dBA; A2=28 dBA; T1=38dBA; T2=37 dBA
 West property line: V1=302dBA; V2=25 dBA; A1=26 dBA; A2=26 dBA; T1=37dBA; T2=36 dBA

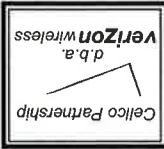
The dBA levels take into account the acoustical shielding effect provided by other Structures on the property.

The projected noise levels from T-Mobile and Metro PCS and Clearwire pad mounted equipment is inaudible at the distance of 20 feet or greater. This equipment will have no adverse acoustical effect on the V1 and V2 noise projections.

Prepared By: Alan Smardin, HMB ACOUSTICS LLC

Date: 02/15/14

REV.	DATE	BY	CHK'D	DESCRIPTION
0	02/14/14	DMD	CFC	MOSE BATTER MFD

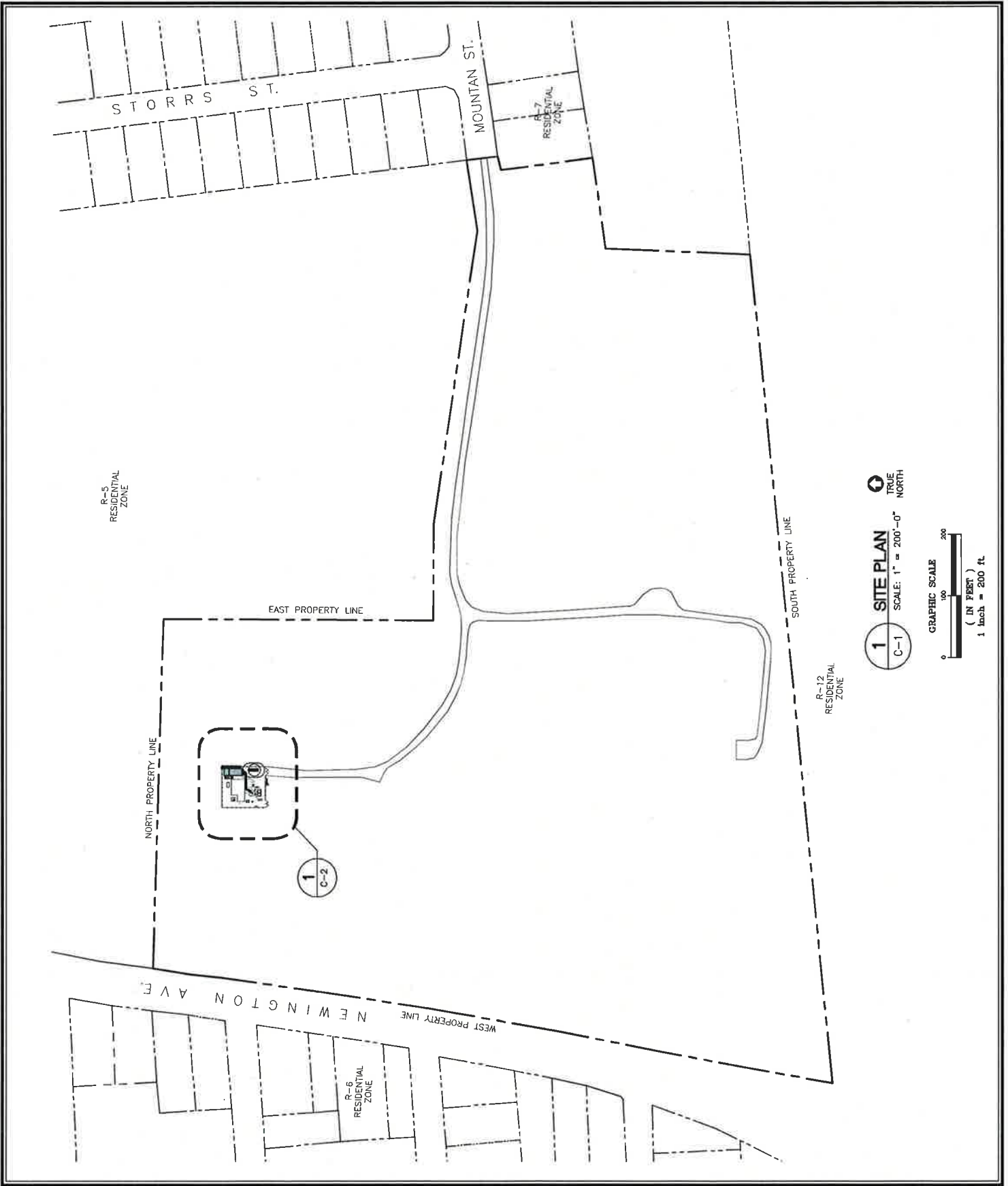


CENTERK engineering
 Centered on Solutions
 www.Centerk.com
 1203 488-0380
 1203 488-8387 Fax
 65-2 North Branford Road, Branford, CT 06405

HARTFORD SOUTH 3
 Cellico Partnership d/b/a Verizon Wireless
 289H MOUNTAIN STREET
 HARTFORD, CT 06106
 DATE: 12/09/13
 SCALE: AS NOTED
 JOB NO. 13204.000

SITE PLAN

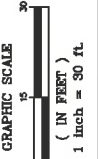
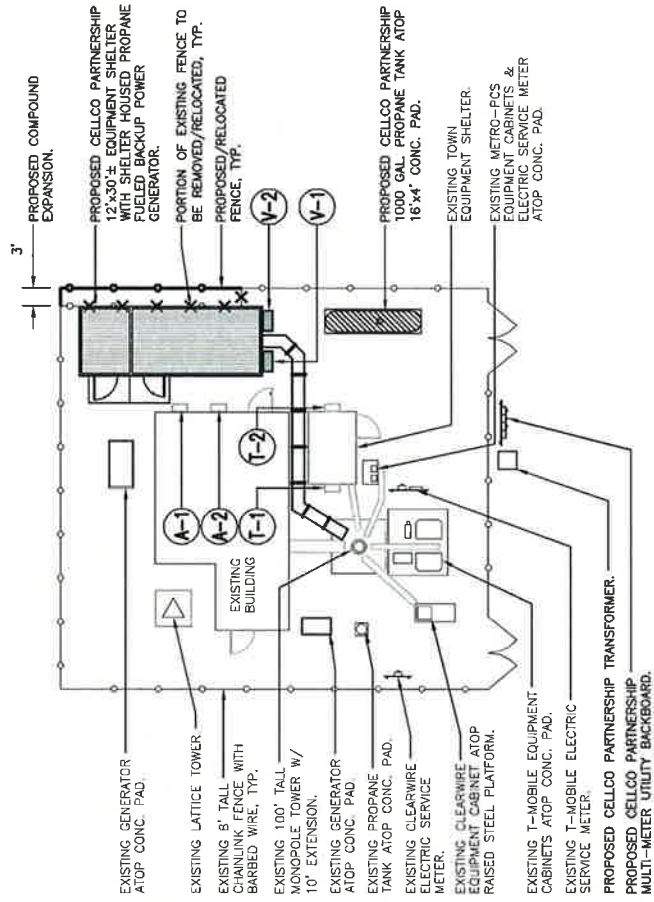
C-1
 DWG. 1 OF 2



1 SITE PLAN
 C-1
 TRUE NORTH
 SCALE: 1" = 200'-0" NORTH
 GRAPHIC SCALE
 (IN FEET)
 1 inch = 200 ft

NOISE EMITTER INFORMATION

- (V-1) WALL MOUNTED HVAC UNIT, MAKE: BARD, MODEL: W61A1-A05EPXXXJ
- (V-2) WALL MOUNTED HVAC UNIT, MAKE: BARD, MODEL: W61A1-A05EPXXXJ
- (A-1) WALL MOUNTED HVAC UNIT, MAKE: MARVAIR, MODEL: COMPAC 1
- (A-2) WALL MOUNTED HVAC UNIT, MAKE: MARVAIR, MODEL: COMPAC 1
- (T-1) WALL MOUNTED HVAC UNIT, MAKE: MARVAIR, MODEL: MODPAC 2
- (T-2) WALL MOUNTED HVAC UNIT, MAKE: MARVAIR, MODEL: MODPAC 2



1 COMPOUND PLAN - PROPOSED
SCALE: 1" = 30'-0"

C-1

REV.	DATE	BY	CHK'D BY	DESCRIPTION
0	02/14/14	DMD	CFC	NOISE EMITTER INFO



CENTER engineering
Centered on Solutions™
www.CenterEng.com
203 468-0380
203 468-8287 Fax
63-2 North Branford Road, Branford, CT 06405

HARTFORD SOUTH 3
Celco Partnership d/b/a Verizon Wireless
289H MOUNTAIN STREET
HARTFORD, CT 06106
DATE: 12/09/13
SCALE: AS NOTED
JOB NO. 13204.000

COMPOUND PLAN

C-2
DWG. 2 OF 2

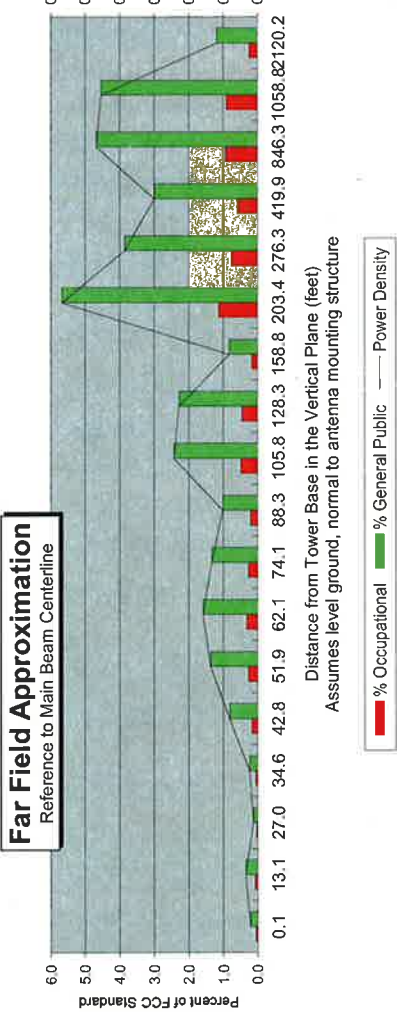
ATTACHMENT 5

Far Field Approximation
with downtilt variation

Estimated Radiated Emission
Single Emitter Far Field Model
Dipole / Wire/ Yagi Antenna Types



Location:	East Haven Cosey Beach, CT
Site #:	
Date:	12/10/13
Name:	Dany Bustamante
File Name:	East Haven Cosey Beach, CT
Operating Freq. (MHz)	1970.0
Antenna Height (ft):	77.0
Antenna Gain (dBi):	18.7
Antenna Size (in.):	72.0
Downtilt (degrees):	0.0
Feedline Loss (dB):	2.0
Power @ J4 (w):	5209.0



Calc. Angle	90.0	80.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	4.0	2.0
Solve for r, dx to antenna	74.0	75.2	78.8	81.7	85.5	90.4	96.6	104.7	115.2	129.1	148.1	175.2	216.5	286.1	426.4	849.5	1061.4	2121.4
Distance from Antenna Structure Base in Horizontal plane	0.1	13.1	27.0	34.6	42.8	51.9	62.1	74.1	88.3	105.8	128.3	158.8	203.4	276.3	419.9	846.3	1058.8	2120.2
Angle from Main Beam (reference to horizontal plane)	90	80	70	65	60	55	50	45	40	35	30	25	20	15	10	5	4	2
dB down from centerline (referenced to centerline)	36.76	34.35	38.52	35.34	29.54	26.8	25.59	25.63	25.99	21.21	20.29	23.24	13.03	12.3	9.92	2	0.2	0
Reflection Coefficient (1 to 4, 2.56 typical)	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
Power Density (mW/cm²)	0.00	0.00	0.00	0.00	0.01	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.06	0.04	0.03	0.05	0.05	0.01
Percent of Occupational Standard	0.0	0.1	0.0	0.0	0.2	0.3	0.3	0.3	0.2	0.5	0.5	0.2	1.1	0.8	0.6	0.9	0.9	0.2
Percent of General Population Standard	0.2	0.3	0.1	0.2	0.8	1.4	1.6	1.3	1.0	2.4	2.3	0.8	5.7	3.8	3.0	4.7	4.5	1.2

Antenna Type: BXA-171063-12CF
Max%: 5.68%

Instructions:

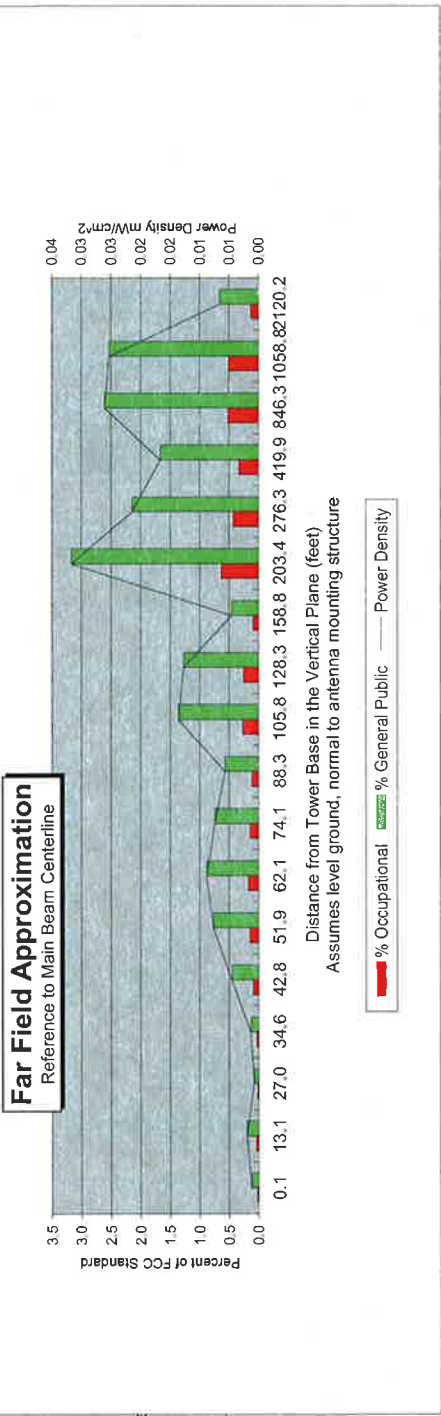
- 1) Fill in Site Location, Site number, Date, Name of Person Responsible for Date, and enter File Name to be saved as.
- 2) References to J4 refer to a point where the transmission line exits the equipment shelter and proceeds to the antenna(s). There is typically a connector located here where power measurements are made.
- 3) Enter Antenna Height (in feet to bottom of antenna), Antenna Gain (expressed as dBi, add 2.17 to dBi to obtain dBi), Antenna Size (vertical size in inches), Downtilt (in Degrees, enter zero if none), Feedline loss from J4 to Antenna, and J4 Pt.
- 4) From manufacturer's plots, or data sheet, input Angle from mainbeam and dB below mainbeam centerline.
- 5) Enter Reflection coefficient (2.56 would be typical, 1 for free space)
- 6) Spreadsheet calculates actual power density, then relates as Occupational or General Population percentage of FCC Standard.
- 7) An odd distance may be entered in the rightmost column of the lower table.

Far Field Approximation
with downtilt variation

**Estimated Radiated Emission
Single Emitter Far Field Model
Dipole / Wire/ Yagi Antenna Types**



Location:	Hartford South 3, CT
Site #:	
Date:	12/10/13
Name:	Mark Brauer
File Name:	Hartford South 3, CT - FF Power
Operating Freq. (MHz)	2110.0
Antenna Height (ft):	77.0
Antenna Gain (dBi):	19.1
Antenna Size (in.):	72.0
Downtilt (degrees):	0.0
Feedline Loss (dB):	0.2
Power @ J4 (w):	1750.0



Calc Angle	90.0	80.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	4.0	2.0
Solve for r, dx to antenna	74.0	75.2	78.8	81.7	85.5	90.4	96.6	104.7	115.2	129.1	148.1	175.2	216.5	286.1	426.4	849.5	1061.4	2121.4
Distance from Antenna Structure Base in Horizontal plane	0.1	13.1	27.0	34.6	42.8	51.9	62.1	74.1	88.3	105.8	128.3	158.8	203.4	276.3	419.9	846.3	1058.8	2120.2
Angle from Main Beam (reference to horizontal plane)	90	80	70	65	60	55	50	45	40	35	30	25	20	15	10	5	4	2
dB down from centerline (referenced to centerline)	36.76	34.35	38.52	35.34	29.54	26.8	25.59	25.63	25.99	21.21	20.29	23.24	13.03	12.3	9.92	2	0.2	0
Reflection Coefficient (1 to 4, 2.56 typical)	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
Power Density (mW/cm²)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.01	0.00	0.03	0.02	0.02	0.03	0.03	0.01
Percent of Occupational Standard	0.0	0.0	0.0	0.1	0.2	0.2	0.1	0.1	0.3	0.3	0.3	0.1	0.6	0.4	0.3	0.5	0.5	0.1
Percent of General Population Standard	0.1	0.2	0.1	0.1	0.5	0.8	0.9	0.7	0.6	1.4	1.3	0.5	3.2	2.1	1.7	2.6	2.5	0.7

Antenna Type: BXA-171063-12CF
Max%: 3.17%

Instructions:

- 1) Fill in Site Location, Site number, Date, Name of Person Responsible for Date, and enter File Name to be saved as.
- 2) References to J4 refer to a point where the transmission line exits the equipment shelter and proceeds to the antenna(s). There is typically a connector located here where power measurements are made.
- 3) Enter Antenna Height (in feet to bottom of antenna), Antenna Gain (expressed as dBi, add 2.17 to dBi to obtain dBi), Antenna Size (vertical size in inches), Downtilt (in Degrees, enter zero if none), Feedline loss from J4 to Antenna, and J4 Power Density.
- 4) From manufacturer's plots, or data sheet, input Angle from mainbeam and dB below mainbeam centerline.
- 5) Enter Reflection coefficient (2.56 would be typical, 1 for free space)
- 6) Spreadsheet calculates actual power density, then relates as Occupational or General Population percentage of FCC Standard.
- 7) An odd distance may be entered in the rightmost column of the lower table.

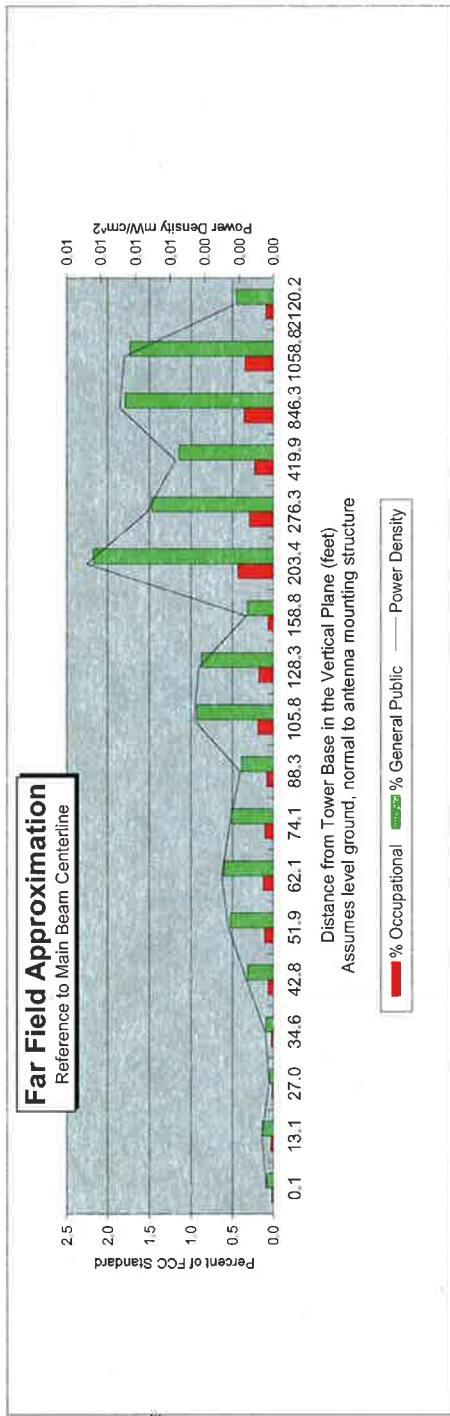
Far Field Approximation
with downtilt variation

**Estimated Radiated Emission
Single Emitter Far Field Model
Dipole / Wire/ Yagi Antenna Types**



Location:	Hartford South 3, CT
Site #:	
Date:	12/10/13
Name:	Mark Brauer
File Name:	Hartford South 3, CT - FF Powe

Operating Freq. (MHz)	746.0
Antenna Height (ft)	77.0
Antenna Gain (dBi)	16.7
Antenna Size (in.)	72.0
Downtilt (degrees)	0.0
Feedline Loss (dB)	0.2
Power @ J4 (w)	1050.0



Calc Angle	90.0	80.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	4.0	2.0
Solve for r, dx to antenna	74.0	75.2	78.8	81.7	85.5	90.4	96.6	104.7	115.2	129.1	148.1	175.2	216.5	286.1	426.4	849.5	1061.4	2121.4
Distance from Antenna Structure Base in Horizontal plane	0.1	13.1	27.0	34.6	42.8	51.9	62.1	74.1	88.3	105.8	128.3	158.8	203.4	276.3	419.9	846.3	1058.8	2120.2
Angle from Main Beam (reference to horizontal plane)	90	80	70	65	60	55	50	45	40	35	30	25	20	15	10	5	4	2
dB down from centerline (referenced to centerline)	36.76	34.35	38.52	35.34	29.54	26.8	25.59	25.63	25.99	21.21	20.29	23.24	13.03	12.3	9.92	2	0.2	0
Reflection Coefficient (1 to 4, 2.56 typical)	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
Power Density (mW/cm²)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.01	0.01	0.00
Percent of Occupational Standard	0.0	0.0	0.0	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	0.4	0.3	0.2	0.4	0.3	0.1
Percent of General Population Standard	0.1	0.1	0.0	0.1	0.3	0.5	0.6	0.5	0.4	0.9	0.9	0.3	2.2	1.5	1.1	1.8	1.7	0.5

Antenna Type: BXA-70063-6CF
Max%: 2.17%

Instructions:

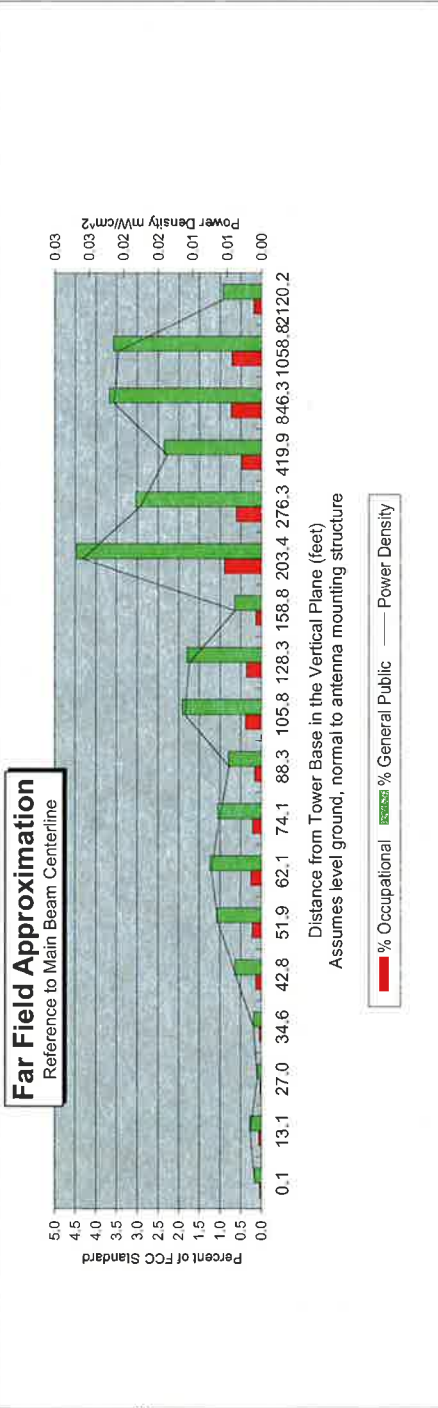
- 1) Fill in Site Location, Site number, Date, Name of Person Responsible for Date, and enter File Name to be saved as.
- 2) References to J4 refer to a point where the transmission line exits the equipment shelter and proceeds to the antenna(s). There is typically a connector located here where power measurements are made.
- 3) Enter Antenna Height (in feet to bottom of antenna), Antenna Gain (expressed as dBi, add 2.17 to dBi to obtain dBi), Antenna Size (vertical size in inches), Downtilt (in Degrees, enter zero if none), Feedline loss from J4 to Antenna, and J4 Power Density (mW/cm²).
- 4) From manufacturer's plots, or data sheet, input Angle from mainbeam and dB below mainbeam centerline.
- 5) Enter Reflection coefficient (2.56 would be typical, 1 for free space)
- 6) Spreadsheet calculates actual power density, then relates as Occupational or General Population percentage of FCC Standard.
- 7) An odd distance may be entered in the rightmost column of the lower table.

Far Field Approximation
with downtilt variation

**Estimated Radiated Emission
Single Emitter Far Field Model
Dipole / Wire/ Yagi Antenna Types**



Location:	Hartford South 3, CT
Site #:	
Date:	12/10/13
Name:	Mark Brauer
File Name:	Hartford South 3, CT - FF Power
Operating Freq. (MHz)	869.0
Antenna Height (ft):	77.0
Antenna Gain (dBi):	16.7
Antenna Size (in.):	72.0
Downtilt (degrees):	0.0
Feedline Loss (dB):	2.0
Power @ J4 (w):	3812.0



Distance from Tower Base in the Vertical Plane (feet)
Assumes level ground, normal to antenna mounting structure

■ % Occupational ■ % General Public — Power Density

Calc. Angle	90.0	80.0	70.0	65.0	60.0	55.0	50.0	45.0	40.0	35.0	30.0	25.0	20.0	15.0	10.0	5.0	4.0	2.0
Solve for r, dx to antenna	74.0	75.2	78.8	81.7	85.5	90.4	96.6	104.7	115.2	129.1	148.1	175.2	216.5	286.1	426.4	849.5	1061.4	2121.4
Distance from Antenna Structure Base in Horizontal plane	0.1	13.1	27.0	34.6	42.8	51.9	62.1	74.1	88.3	105.8	128.3	158.8	203.4	276.3	419.9	846.3	1058.8	2120.2
Angle from Main Beam (reference to horizontal plane)	90	80	70	65	60	55	50	45	40	35	30	25	20	15	10	5	4	2
dB down from centerline (referenced to centerline)	36.76	34.35	38.52	35.34	29.54	26.8	25.59	25.63	25.99	21.21	20.29	23.24	13.03	12.3	9.92	2	0.2	0
Reflection Coefficient (1 to 4, 2.56 typical)	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56	2.56
Power Density (mW/cm²)	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.01	0.00	0.03	0.02	0.01	0.02	0.02	0.01
Percent of Occupational Standard	0.0	0.1	0.0	0.0	0.1	0.2	0.2	0.2	0.2	0.4	0.4	0.1	0.9	0.6	0.5	0.7	0.7	0.2
Percent of General Population Standard	0.2	0.3	0.1	0.2	0.6	1.1	1.2	1.1	0.8	1.9	1.8	0.7	4.5	3.0	2.4	3.7	3.6	0.9

Antenna Type BXA-70063-6CF
Max% 4.47%

Instructions:

- 1) Fill in Site Location, Site number, Date, Name of Person Responsible for Date, and enter File Name to be saved as.
- 2) References to J4 refer to a point where the transmission line exits the equipment shelter and proceeds to the antenna(s). There is typically a connector located here where power measurements are made.
- 3) Enter Antenna Height (in feet to bottom of antenna), Antenna Gain (expressed as dBi, add 2.17 to dBd to obtain dBi), Antenna Size (vertical size in inches), Downtilt (in Degrees, enter zero if none), Feedline loss from J4 to Antenna, and J4 P.
- 4) From manufacturer's plots, or data sheet, input Angle from mainbeam and dB below mainbeam centerline.
- 5) Enter Reflection coefficient (2.56 would be typical, 1 for free space)
- 6) Spreadsheet calculates actual power density, then relates as Occupational or General P-population percentage of FCC Standard.
- 7) An odd distance may be entered in the rightmost column of the lower table.