COMPUTER HOSPITAL, II
Established 1985
EM-COMPUTERHOSPITAL-084-110802
375 Morgan Lane, Suite 204, West Haven, CT 06516. Ph 203-933-7699 Fax (203) 937-1349

ORIGINAL

02-August-2011

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

Re: Computer Hospital Inc – Mounting Radios & antennas on American Tower
At 185 Research Drive, Milford CT 06460(ATC site number & Site Name: 302535, Milford CT2)

Dear Ms. Roberts:

This letter and attachments are submitted on behalf of Computer Hospital Inc. Computer Hospital is enhancing the capabilities of its wireless system in Connecticut by implementing WiMax Technology. In order to do so, Computer Hospital is setting up an antenna for our client at American Tower Inc. at the above location. Please accept this letter and the attachments as notification, pursuant to R.C.S.A. Section 16-50j-73, of construction which constitutes setting up an antenna pursuant to R.C.S.A. Section 16-50j-72(b)(2).
Computer Hospital is mounting the radios and antennas at 185 Research Drive, Milford, CT 06460, owned by American Tower Inc. Attached are: Site Design, the Structural Analysis Report, and the RF Emission Compliance Report, and Colocation application.
The following changes to the existing facility do not constitute a modification as defined in Connecticut General Statutes ("C.G.S.") Section 16-50i(d) because the general physical characteristics of the facility will not be significantly changed. Rather, mounting the antenna at 185 Research Drive, Milford CT 06460 facility fall squarely within those activities explicitly provided for in R.C.S.A Section 16-50j-72(b)(2).

1. The height of the overall structure will be unaffected. Both existing and the proposed antenna configuration will be mounted at the 139' height within the American tower. Computer Hospital

will mount the radios & antennas; CAT 5's will also be installed. The proposed modifications will not extend the height of the tower.

2. The proposed changes will not extend the site boundaries. Computer Hospital will use our own cabinet. Thus, there will be no effect on the site boundaries.

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

4. The addition of the Computer Hospital antennas to this tower will not increase the total radio frequency electromagnetic radiation power density, measured at the tower base, to or above the standard adopted by the State of Connecticut and the FCC. The power density of the Computer Hospital antennas and the other, existing antennas on this tower are calculated in the 'RF Emissions Compliance Report' prepared by Site safe, Inc. and included as part of this Notice of Exempt Modification

Please feel free to call me at 203-933-7699 with questions concerning this matter.
Thank you for your consideration.

Respectfully yours,

Stanley Menacherry,
President

AMERICAN TOWER

COLLOCATION APPLICATION

*APPLICATION TYPE	New Collocation	Collocation Application Instructions	
ATC SALES REPRESENTATIVE	Heather Douglas	PHONE NUMBER	(781) 926-4645
APM (Asst. Project Manager)	Andrew Gilbert	PHONE NUMBER	(781) 926-4928
OPS CONTACT / SITE SUPERVISOR	Scott Blake	PHONE NUMBER	203.889.8566
DATE OF SUBMITTAL		SPECIAL PROJECT	

SITE INFORMATION

*CUSTOMER	Computer Hospital Inc.			CUSTOMER PROJECT NAME			
*Summary of Work to be Completed on Site (please include final configuration description)	Adding (1) dish w. (1) line & (1) radio, (2) antennas w. (1) line, (1) diplexer & (1) radio @ 140'. 4 x 4 space for 'H' Frame for NEMA box.						
*ATC SITE NUMBER	302535			*ATC SITE NAME	Milford CT 2		
*ADDRESS	185 Research Drive	*CITY	Milford	*COUNTY	New Haven	*STATE CT	*ZIP 06460
*LATITUDE (dgs-min-sec) 41-14-25.51 N / 41.24041		*LONGITUDE (dgs-min-sec)	73-0-42.99 W / -73.0119				
*CUSTOMER SITE NUMBER				CUSTOMER SITE NAME			
FA#/CUSTOMER BILLING ID#							

PROJECT CONTACT INFORMATION

*PRIMARY CONTACT	Stanley Menacherry	*COMPANY/ORGANIZATION	
*ADDRESS	375 Morgan Lane Suite 204	*CITY	Milford
*STATE CT	*ZIP 06460	*PHONE	203-815-5066
*EMAIL	stanmenacherry@yahoo.com	ONLY COPY PRIMARY CONTACT ON ALL DELIVERABLES:	

DELIVERABLES TO BE SENT TO:						ALSO COPY PRIMARY CONTACT:
COLLOCATION APPROVAL:	NAME	Same as above	EMAIL		PHONE	
LEASE DRAFT:	NAME	Same as above	EMAIL		PHONE	
FULLY EXECUTED AGREEMENT:	NAME	Same as above	EMAIL		PHONE	
	COMPANY/ ORG					
	ADDRESS					
	CITY		STATE	ZIP		
PO REQUESTS:	NAME	Same as above	EMAIL		PHONE	
NOTICE TO PROCEED (NTP):	NAME	Same as above	EMAIL		PHONE	

ADDITIONAL CONTACT INFORMATION

	FIRM OR CONTACT NAME	TELEPHONE	FAX	E-MAIL
*RF ENGINEER	Adam Rozskowski	203-933-7699	203-937-1349	
CONSTRUCTION PM				
ACCOUNTS PAYABLE				
OTHER				

INFORMATION TO BE INCLUDED IN LEASE

*CUSTOMER LEGAL ENTITY NAME	Computer Hospital Inc.					STATE of INCORPORATION	
*SIGNATORY FIRST NAME	Stanley	*MIDDLE INITIAL	D	*LAST NAME	Menacherry		
*SIGNATORY TITLE	President						

LEGAL NOTICE ADDRESS INFORMATION REQUIRED FOR NEW COLLOCATIONS / or if change of address required:

*LEGAL NOTICE ADDRESS	375 Morgan Lane Unit 204	CITY	West Haven	STATE	CT	ZIP	06516
*ATTENTION: *NAME	Stanley	*MIDDLE INITIAL	D	*LAST NAME	Menacherry	DEPT:	
*EMERGENCY CONTACT NAME	Stanley Menacherry	*PHONE	203-815-5066				

ADDITIONAL COPY NOTICE TO:

NAME	DEPT	ADDRESS	CITY	STATE	ZIP
NAME	DEPT	ADDRESS	CITY	STATE	ZIP

ADDRESS FOR RENTAL PAYMENT INVOICING:

NOT FOR EXECUTION

NAME	Same as above	DEPT	ADDRESS	CITY	STATE	ZIP

NOT FOR EXECUTION

GROUND SPACE REQUIREMENTS

PRIMARY CONTIGUOUS LEASE AREA:	DIMENSIONS: L(ft) 4'	W(ft) 4'	H(ft) 8'	OR Sq. ft.		
	Minimum space required if requested area not available:	DIMENSIONS: L(ft)	W(ft)	H(ft)	OR Sq. ft	
INSIDE ATC SHELTER	FLOOR DIMS NEEDED: L(ft)	W(ft)	H(ft)			
CUSTOMER SHELTER	DIMS: L(ft)	W(ft)	H(ft)			
PAD FOR SHELTER	DIMS: L(ft)	W(ft)				
STOOP	DIMS: L(ft)	W(ft)				
OUTDOOR CABINET/S	X QUANTITY OF CABINETS 1	DIMS: L(ft) 20"	W(ft) 24"	H(ft) 37"		
PAD FOR CABINETS	DIMS: L(ft)	W(ft)				

BACKUP POWER REQUIREMENTS

GENERATOR NOT REQUIRED X	ATC SHARED GENERATOR	SHARED GENERATOR PEAK USAGE REQUESTED (KW)	
INSIDE CUSTOMER SHELTER	GENERATOR (to be located inside primary lease area)	GENERATOR (to be located outside primary lease area)	
ADDITIONAL LEASE AREA REQUIRED FOR BACKUP POWER:	DIMS: L(ft)	W(ft)	

MANUFACTURER	MAKE / MODEL	CAPACITY (KW)	FUEL TYPE
PAD FOR GENERATOR	DIMS: L(ft)	W(ft)	
FUEL TANK	DIMS: L(ft)	W(ft)	TANK SIZE (gal)
PAD FOR FUEL TANK (if required)	DIMS: L(ft)	W(ft)	

NOTES:

FOR ATC USE - APM / SALES REPRESENTATIVE

SETBACK REQUIREMENTS:

SECONDARY GROUND LEASE AREA REQUIREMENTS (i.e. for additional dish, antenna, etc., beyond area described above)

Will supplementary ground space be needed to accommodate additional equipment?	Y	N X			
If yes, please identify the dimensions for the additional area:	DIMENSIONS: L(ft)	W(ft)	H(ft)	OR Sq. ft	
	Minimum space required if requested area not available:	DIMENSIONS: L(ft)	W(ft)	H(ft)	OR Sq. ft.
ADDITIONAL EQUIPMENT - Please describe, if other than Generator described above:		DIMS: L(ft)	W(ft)	H(ft)	
ADDITIONAL EQUIPMENT - Description:		DIMS: L(ft)	W(ft)	H(ft)	
GROUND SPACE NOTES (If additional area needed beyond that indicated above, please note here):					

POWER/TELCO REQUIREMENTS

POWER PROVIDED BY:	UTILITY COMPANY DIRECT	X	ATC PROVIDED		AVERAGE MONTHLY POWER CONSUMPTION:		KWH units
TELCO/INTERCONNECT REQUIREMENTS	POTS		T1		MICROWAVE	X	FIBER OPTICS

TRANSMITTER SPECIFICATIONS (& RECEIVER)

TRANSMITTER/RECEIVER TYPE	Receiver	Transmitter		N/A	N/A	N/A
QTY of TRANSMITTERS/RECEIVERS	1	1				
MANUFACTURER	Radio Mounts with Antenna	Radio Mounts with Antenna				
TYPE & MODEL	Motorola	Proxim				
TYPE of TECHNOLOGY	WiMax	WiMax				
TX POWER OUTPUT	.2	.019 - 0.039				
*ERP (Watts)	500 Watts Max	560 Watts Max				
ELECTRIC SERVICE REQUIRED (Amps/Volts)	120 Volts/15amps					

NOT FOR EXECUTION

ANTENNA EQUIPMENT SPECIFICATIONS

EQUIPMENT TYPE:	Dish-Radome	Radio/ODU	Panel	Radio/ODU	Diplexer/Dual Coupler	
INSTALLATION STATUS	Proposed	Proposed	Proposed	Proposed	Proposed	
RAD CENTER AGL (ft)	140'	140'	140'	140'	140'	
EQUIPMENT MOUNT HEIGHT (ft)	140'	140'	140'	140'	140'	
EQUIPMENT MOUNT TYPE	Stand-Off	Stand-Off	Stand-Off	Stand-Off	N/A	
EQUIPMENT MANUFACTURER	N/A	Motorola	Mars	Proxim	Terrawave	
EQUIPMENT MODEL #	DAS8-32	PTP 54600	MA-WC50-5X	5054-R-LR	RMFLT-2-MS-NJ	
EQUIPMENT DIMENSIONS (HxWxD) (Indicate feet or inches)	35.4"	14.5" x 14.5" x 3.8"	21.8" x 3" x 2.1"	12.6" x 12.6" x 3.5"	4" x 3" x .8"	
EQUIPMENT WEIGHT (per item, in lbs.)	22 lbs	12.1 lbs	12 lbs	6 lbs	0.6lbs	
EQUIPMENT QUANTITY	1	1	2	1	1	
AZIMUTHS / DIRECTION of RADIATION (degrees) i.e. "0/180/240"	47.0'	Behind Dish	88 / 230	Behind Panels	Behind Panels	
QTY. in EACH AZIMUTH / SECTOR, i.e. "4/4/4"	1	1	1 / 1	1/1/1	NA	
TX FREQUENCY	5.4Ghz	N/A	5.4Ghz	N/A	NA	
RX FREQUENCY	N/A	5.4Ghz	N/A	N/A	NA	
Is equipment using unlicensed frequencies?	Yes	Yes	Yes	Yes	Yes	
ANTENNA GAIN	32dbi	23 dbi	15 dbi	N/A	NA	
TOTAL # of LINES for equipment in column	1	N/A	1	N/A	NA	
LINE QTY. in EACH AZIMUTH / SECTOR, i.e. "5/5/5"	1	2	1	N/A		
LINE TYPE	CAT5	N/A	CAT5	N/A	N/A	
LINE DIAMETER / SIZE	1/4"	N/A	1/4"	N/A	NA	
REMOVING EQUIPMENT (if applicable)						
ADDITIONAL INSTALLATION NOTES:	Installing H-Frame for ground equipment (NEMA box).					

FOR ATC USE - APM / SALES REPRESENTATIVE

MLA RESERVATION		MLA LICENCE OR LEASE		SLA	X	AMENDMENT TO EXISTING LEASE		REWRITE ON ATC PAPER		BTS ANCHOR TENANT			
WILL ATC BE PERFORMING AZP WORK?		YES		NO	X	IF YES, AT WHAT COST?							
PURPOSE OF APPLICATION (check all that apply):	ANTENNAS	X	COAX LINES	X	CONTRACT TERMS	X	DIPLEXER	X	FREQUENCIES		GENERATOR		
GENERATOR (SHARED)		GPS		GROUND SPACE	X	HEIGHT CHANGE		MICROWAVE DISH	X	RET/RCU/ RADIO	X	TTA/TMA/ MHA	
INSTALLATION REQUIRED?		YES	X	NO									
CONTRACT #													
IS APPLICATION FEE REQUIRED?		YES		NO	X	AMOUNT:							
IS SITE INSPECTION FEE REQUIRED?		YES	X	NO		AMOUNT: $	500						
OTHER NON-ENGINEERING FEE REQUIRED?		YES		NO	X	AMOUNT:		DESCRIPTION:					
NOTES TO COLLO:	Please mirror fee costs and lease template to Comm Hospital at ATC#243036												

FOR ATC USE- PROJECT SPECIALIST

IS THIS SITE SUBJECT TO RIGHT OF FIRST REFUSAL?	YES		NO	X		
IS THIS GROUND LEASE SUBJECT TO REVENUE SHARE?	YES		NO	X		
ENGINEERING SERVICE	ATC REQUIRED	X	NOT REQUIRED BY ATC		PERFORMED AT CUSTOMER REQUEST	
SSIS	ATC REQUIRED	X	NOT REQUIRED BY ATC		PERFORMED AT CUSTOMER REQUEST	
ENVIRONMENTAL REVIEW	NO FURTHER REVIEW REQUIRED BY COLLO.ENVIRO	X	FURTHER REVIEW REQUIRED BY COLLO.ENVIRO			
IS TOWER PAINTING REQUIRED?	YES		NO	X		
IS TOWER LIT?	YES		NO	X		
IS PRE/POST AM STUDY REQUIRED?	YES		NO			
APPROVAL CONDITIONS:	Engineering Review required SSIS required Pre/Post AM study may be required					
PROJECT SPECIALIST	Craig Corbett				APPROVAL DATE	6/11

NOT FOR EXECUTION

EXHIBIT

Computer Hospital Inc. | Milford CT 2

GROUND SPACE REQUIREMENTS

PRIMARY CONTIGUOUS LEASE AREA DIMENSIONS (LxWxH (ft))	4' x 4' x 8'	Sq. ft. N/A					
INSIDE ATC SHELTER	DIMENSIONS (LxWxH (ft))	N/A					
CUSTOMER SHELTER	DIMENSIONS (LxWxH (ft))	N/A	PAD FOR SHELTER	DIMENSIONS (LxW (ft))	N/A	STOOP	DIMENSIONS (LxW (ft)) N/A
OUTDOOR CABINETS X	QUANTITY OF CABINETS	1	DIMENSIONS (LxWxH (ft))	20" x 24" x 37"	PAD FOR CABINETS	DIMENSIONS (LxW (ft))	N/A

BACKUP POWER REQUIREMENTS

GENERATOR NOT REQUIRED? X	ATC SHARED GENERATOR	SHARED GENERATOR PEAK USAGE (KW)	N/A
INSIDE CUSTOMER SHELTER	GENERATOR (to be located inside primary leasing area)	GENERATOR (to be located outside primary leasing area)	
ADDITIONAL LEASE AREA REQUIRED FOR BACKUP POWER (LxW (ft))	N/A		

MANUFACTURER	N/A	MAKE / MODEL	N/A	CAPACITY (KW)	N/A	FUEL TYPE	N/A
PAD FOR GENERATOR	DIMENSIONS (LxW (ft))	N/A					
FUEL TANK	DIMENSIONS (LxW (ft))	N/A	TANK SIZE (gal)	N/A			
PAD FOR FUEL TANK (if required)	DIMENSIONS (LxW (ft))	N/A					

SECONDARY GROUND LEASE AREA REQUIREMENTS

Will supplementary ground space be needed to accommodate additional equipment?	Y		N	X	
IF YES, ADDITIONAL LEASE AREA DIMENSIONS (LxWxH (ft))	N/A	Sq. ft.	N/A		
ADDITIONAL EQUIPMENT:	N/A	DIMENSIONS (LxWxH (ft))	N/A		
ADDITIONAL EQUIPMENT:	N/A	DIMENSIONS (LxWxH (ft))	N/A		

POWER/TELCO REQUIREMENTS

POWER PROVIDED BY:	UTILITY COMPANY DIRECT	X	ATC PROVIDED		Average monthly power consumption (KWH units): N/A		
TELCO/INTERCONNECT REQUIREMENTS:	POTS		T1		MICROWAVE	X	FIBER OPTICS

TRANSMITTER SPECIFICATIONS (& RECEIVER)

TRANSMITTER/RECEIVER TYPE	Receiver	Transmitter	N/A	N/A	N/A	N/A
QTY of TRANSMITTERS/RECEIVERS	1	1	N/A	N/A	N/A	N/A
MANUFACTURER	Radio Mounts with Antenna	Radio Mounts with Antenna	N/A	N/A	N/A	N/A
TYPE & MODEL	Motorola	Proxim	N/A	N/A	N/A	N/A
TYPE of TECHNOLOGY	WiMax	WiMax	N/A	N/A	N/A	N/A
TX POWER OUTPUT	.2	.019 - 0.039	N/A	N/A	N/A	N/A
*ERP (Watts)	500 Watts Max	500 Watts Max	N/A	N/A	N/A	N/A
ELECTRIC SERVICE REQUIRED (Amps/Volts)	120 Volts/15amps			N/A	N/A	N/A

ANTENNA EQUIPMENT SPECIFICATIONS

EQUIPMENT TYPE:	Dish-Radome	Radio/ODU	Panel	Radio/ODU	Diplexer/Dual Coupler	N/A
RAD CENTER AGL (ft)	140'	140'	140'	140'	140'	N/A
EQUIPMENT MOUNT HEIGHT (ft)	140'	140'	140'	140'	140'	N/A
EQUIPMENT MOUNT TYPE	Stand-Off	Stand-Off	Stand-Off	Stand-Off	N/A	N/A
EQUIPMENT MANUFACTURER	N/A	Motorola	Mars	Proxim	Terrawave	N/A
EQUIPMENT MODEL #	DA58-32	PTP 54600	MA-WC50-5X	5054-R-LR	RMFLT-2-M5-NJ	N/A
EQUIPMENT DIMENSIONS (HxWxD) (Indicate feet or inches)	35.4"	14.5" x 14.5" x 3.8"	21.8" x 3" x 2.1"	12.6" x 12.6" x 3.5"	4" x 3" x .8"	N/A
EQUIPMENT WEIGHT (per item, in lbs.)	22 lbs	12.1 lbs	12 lbs	6 lbs	0.6lbs	N/A
EQUIPMENT QUANTITY	1	1	2	1	1	N/A
AZIMUTHS / DIRECTION of RADIATION (degrees) i.e. "0/180/240"	47.0'	Behind Dish	88 / 230	Behind Panels	Behind Panels	N/A
QTY. in EACH AZIMUTH / SECTOR, i.e. "4/4/4"	1	1	1 / 1	1/1/1	NA	N/A
TX FREQUENCY	5.4Ghz	N/A	5.4Ghz	N/A	NA	N/A
RX FREQUENCY	N/A	5.4Ghz	N/A	N/A	NA	N/A
Is equipment using unlicensed frequencies?	Yes	Yes	Yes	Yes	Yes	N/A
ANTENNA GAIN	32dbi	23 dbi	15 dbi	N/A	NA	N/A
TOTAL # of LINES for equipment in column	1	N/A	1	N/A	NA	N/A
LINE QTY. in EACH AZIMUTH / SECTOR, i.e. "5/5/5"	1	2	1	N/A	N/A	N/A
LINE TYPE	CAT5	N/A	CAT5	N/A	N/A	N/A
LINE DIAMETER / SIZE	1/4"	N/A	1/4"	N/A	NA	N/A

site
rf compliance experts

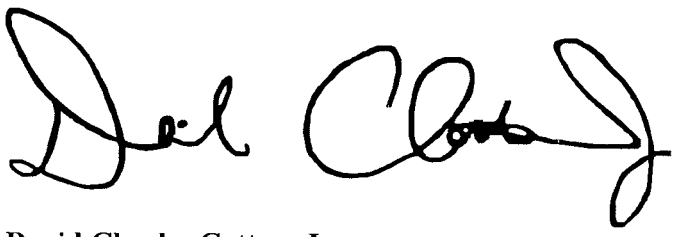
RF EMISSIONS COMPLIANCE REPORT

American Tower Corporation on behalf of Computer Hospital Inc.

Site: Milford CT 2
185 Research Drive
Milford, CT
7/29/2011

Report Status:

Computer Hospital Inc. Is Under 5% Threshold



David Charles Cotton, Jr.
Licensed Professional Engineer (Electrical)
State of Colorado, PE-41914
Date: 2011-July-29

Prepared By:

Sitesafe, Inc.

200 North Glebe Road, Suite 1000 Arlington, VA 22203 Voice 703-276-1100
Fax 703-276-1169

Engineering Statement in Re:
Electromagnetic Energy Analysis
Computer Hospital Inc.
Milford, CT

My signature on the cover of this document indicates:

That I am registered as a Professional Engineer in the jurisdiction indicated; and

That I have extensive professional experience in the wireless communications engineering industry; and

That I am an employee of Sitesafe, Inc. in Arlington, Virginia; and

That I am thoroughly familiar with the Rules and Regulations of the Federal Communications Commission ("the FCC" and "the FCC Rules") both in general and specifically as they apply to the FCC's Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields; and

That the technical information serving as the basis for this report was supplied by Computer Hospital Inc. (See attached Site Summary and Carrier documents), and that Computer Hospital Inc.'s installations involve communications equipment, antennas and associated technical equipment at a location referred to as the "Milford CT 2" ("the site"); and

That Computer Hospital Inc. proposes to operate at the site with transmit antennas listed in the carrier summary and with a maximum effective radiated power as specified by Computer Hospital Inc. and shown on the worksheet, and that worst-case 100% duty cycle have been assumed; and

That in addition to the emitters specified in the worksheet, there are additional collocated point-to-point microwave facilities on this structure and, the antennas used are highly directional oriented at angles at or just below the horizontal and, that the energy present at ground level is typically so low as to be considered insignificant and have not been included in this analysis; and

That this analysis has been performed with the assumption that the ground immediately surrounding the tower is primarily flat or falling; and

That at this time, the FCC requires that certain licensees address specific levels of radio-frequency energy to which workers or members of the public might possibly be exposed (at §1.1307(b) of the FCC Rules); and

That such consideration of possible exposure of humans to radio-frequency radiation must utilize the standards set by the FCC, which is the Federal Agency having jurisdiction over communications facilities; and

That the FCC rules define two tiers of permissible exposure guidelines: 1) "uncontrolled environments," defined as situations in which persons may not be aware of (the "general public"), or may not be able to control their exposure to a transmission facility; and (2) "controlled environments," which defines situations in which persons are aware of their potential for exposure (industry personnel); and

That this statement specifically addresses the uncontrolled environment (which is more conservative than the controlled environment) and the limit set forth in the FCC rules for licensees of Computer Hospital Inc.'s operating frequency as shown on the attached antenna worksheet; and

That when applying the uncontrolled environment standards, the predicted Maximum Power Density at two meters above ground level from the proposed Computer Hospital Inc. operation is no more than 0.003% of the maximum in any accessible area on the ground and

That it is understood per FCC Guidelines and OET65 Appendix A, that regardless of the existent radio-frequency environment, only those licenses whose contributions exceed five percent of the exposure limit pertinent to their operation(s) bear any responsibility for bringing any non-compliant area(s) into compliance; and

That when applying the uncontrolled environment standards, the cumulative predicted energy density from the proposed operation is no more than 0.534% of the maximum in any accessible area up to two meters above the ground per OET-65; and

That the calculations provided in this report are based on data provided by the client and antenna pattern data supplied by the antenna manufacturer, in accordance with FCC guidelines listed in OET-65. Horizontal and vertical antenna patterns are combined for modeling purposes to accurately reflect the energy two meters above ground level where on-axis energy refers to maximum energy two meters above the ground along the azimuth of the antenna and where area energy refers to the maximum energy anywhere two meters above the ground regardless of the antenna azimuth, accounting for cumulative energy from multiple antennas for the carrier and frequency range indicated; and

That the Occupational Safety and Health Administration has policies in place which address worker safety in and around communications sites, thus individual companies will be responsible for their employees' training regarding Radio Frequency Safety.

In summary, it is stated here that the proposed operation at the site would not result in exposure of the Public to excessive levels of radio-frequency energy as defined in the FCC Rules and Regulations, specifically 47 CFR 1.1307 and that Computer Hospital Inc.'s proposed operation is completely compliant.

Finally, it is stated that access to the tower should be restricted to communication industry professionals, and approved contractor personnel trained in radio-frequency safety; and that the instant analysis addresses exposure levels at two meters above ground level and does not address exposure levels on the tower, or in the immediate proximity of the antennas.

Computer Hospital Inc.
Milford CT 2
Site Summary

Carrier	Area Maximum Percentage MPE
AT&T Mobility, LLC	0.042 %
AT&T Mobility, LLC	0.08 %
AT&T Mobility, LLC	0.06 %
Clearwire	0.022 %
Computer Hospital Inc.	0.003 %
Sprint-Nextel	0.014 %
Sprint-Nextel	0.06 %
T-Mobile	0.041 %
T-Mobile	0.014 %
Verizon Wireless	0.034 %
Verizon Wireless	0.057 %
Verizon Wireless	0.093 %
Youghiogheny (MetroPCS)	0.015 %
Composite Site MPE:	0.534 %

AT&T Mobility, LLC
Milford CT 2
Carrier Summary

Frequency:	1930	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.41904	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.0419	%

					On Axis		Area	
Antenna Make	Model	Height (feet)	Orientation (degrees true)	ERP (Watts)	Max Power Density (µW/cm^2)	Percent of MPE	Max Power Density (µW/cm^2)	Percent of MPE
KMW	AM-X-CD-14-65-00T-RET	167	21	500	0.214636	0.021464	0.218497	0.02185
KMW	AM-X-CD-14-65-00T-RET	167	138	500	0.214636	0.021464	0.218497	0.02185
KMW	AM-X-CD-14-65-00T-RET	167	259	500	0.216596	0.02166	0.218497	0.02185
Powerwave	7770.00	167	21	500	0.093937	0.009394	0.197183	0.019718
Powerwave	7770.00	167	138	500	0.093937	0.009394	0.197183	0.019718
Powerwave	7770.00	167	259	500	0.093937	0.009394	0.197183	0.019718

AT&T Mobility, LLC
Milford CT 2
Carrier Summary

Frequency:	880	MHz
Maximum Permissible Exposure (MPE):	586.67	µW/cm^2
Maximum power density at ground level:	0.47194	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.08044	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
KMW	AM-X-CD-14-65-00T-RET	167	21	500	0.294754	0.050242	0.305206	0.052024
KMW	AM-X-CD-14-65-00T-RET	167	138	500	0.294926	0.050271	0.305206	0.052024
KMW	AM-X-CD-14-65-00T-RET	167	259	500	0.294754	0.050242	0.305206	0.052024
Powerwave	7770.00	167	21	500	0.167353	0.028526	0.263803	0.044966
Powerwave	7770.00	167	138	500	0.167353	0.028526	0.263803	0.044966
Powerwave	7770.00	167	259	500	0.167566	0.028562	0.263803	0.044966

AT&T Mobility, LLC
Milford CT 2
Carrier Summary

Frequency:	740	MHz
Maximum Permissible Exposure (MPE):	493.33	µW/cm^2
Maximum power density at ground level:	0.29488	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.05977	%

					On Axis		Area	
Antenna Make	Model	Height (feet)	Orientation (degrees true)	ERP (Watts)	Max Power Density (µW/cm^2)	Percent of MPE	Max Power Density (µW/cm^2)	Percent of MPE
Kathrein-Scala	80010764	167	60	500	0.188193	0.038147	0.266558	0.054032
Kathrein-Scala	80010764	167	180	500	0.188192	0.038147	0.266558	0.054032
Kathrein-Scala	80010764	167	300	500	0.189047	0.03832	0.266558	0.054032

Clearwire
Milford CT 2
Carrier Summary

Frequency:	2500	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.2163	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.02163	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
ARGUS	LLPX310R	185	30	500	0.113052	0.011305	0.203634	0.020363
ARGUS	LLPX310R	185	150	500	0.112191	0.011219	0.203634	0.020363
ARGUS	LLPX310R	185	270	500	0.112191	0.011219	0.203634	0.020363

Computer Hospital Inc.
Milford CT 2
Carrier Summary

Frequency:	5400	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.02603	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.0026	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
Mars Antennas	MA-WC50-5X	139	0	20	0.008431	0.000843	0.013014	0.001301
Mars Antennas	MA-WC50-5X	139	0	20	0.008431	0.000843	0.013014	0.001301

Sprint-Nextel
Milford CT 2
Carrier Summary

Frequency:	1950	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.13737	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.01374	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
EMS	RR65-18-00DPL2	185	30	500	0.067404	0.00674	0.106559	0.010656
EMS	RR65-18-00DPL2	185	150	500	0.067404	0.00674	0.106559	0.010656
EMS	RR65-18-00DPL2	185	280	500	0.067404	0.00674	0.106559	0.010656

Sprint-Nextel
Milford CT 2
Carrier Summary

Frequency:	862	MHz
Maximum Permissible Exposure (MPE):	574.67	µW/cm^2
Maximum power density at ground level:	0.34301	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.05969	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
ANDREW	DB844G45VTZASX	185	30	167	0.057206	0.009955	0.059153	0.010293
ANDREW	DB844G45VTZASX	185	30	167	0.057206	0.009955	0.059153	0.010293
ANDREW	DB844G45VTZASX	185	30	167	0.057206	0.009955	0.059153	0.010293
ANDREW	DB844H90E-XY	185	150	167	0.078613	0.01368	0.110332	0.019199
ANDREW	DB844H90E-XY	185	150	167	0.078613	0.01368	0.110332	0.019199
ANDREW	DB844H90E-XY	185	150	167	0.078613	0.01368	0.110332	0.019199
ANDREW	DB844H90E-XY	185	280	167	0.078613	0.01368	0.110332	0.019199
ANDREW	DB844H90E-XY	185	280	167	0.078613	0.01368	0.110332	0.019199
ANDREW	DB844H90E-XY	185	280	167	0.078613	0.01368	0.110332	0.019199

T-Mobile
Milford CT 2
Carrier Summary

Frequency:	2140	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.41472	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.04147	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APX16DWV-16DWVS-E-A20	145	50	500	0.411269	0.041127	0.411269	0.041127
RFS	APX16DWV-16DWVS-E-A20	145	170	500	0.411269	0.041127	0.411269	0.041127
RFS	APX16DWV-16DWVS-E-A20	145	290	500	0.411269	0.041127	0.411269	0.041127

T-Mobile
Milford CT 2
Carrier Summary

Frequency:	1935	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.14186	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.01419	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APX16DWV-16DWVS-E-A20	145	50	500	0.110036	0.011004	0.129095	0.012909
RFS	APX16DWV-16DWVS-E-A20	145	170	500	0.110036	0.011004	0.129095	0.012909
RFS	APX16DWV-16DWVS-E-A20	145	290	500	0.109981	0.010998	0.129095	0.012909

Verizon Wireless
Milford CT 2
Carrier Summary

Frequency:	1980	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.337	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.0337	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RYMSA	MG D3-800	126	60	500	0.158849	0.015885	0.301363	0.030136
RYMSA	MG D3-800	126	170	500	0.158849	0.015885	0.301363	0.030136
RYMSA	MG D3-800	126	310	500	0.158849	0.015885	0.301363	0.030136

Verizon Wireless
Milford CT 2
Carrier Summary

Frequency:	869	MHz
Maximum Permissible Exposure (MPE):	579.33	µW/cm^2
Maximum power density at ground level:	0.32739	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.05651	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
ANDREW	DB846F65ZAX	126	60	250	0.123615	0.021338	0.131499	0.022698
ANDREW	DB846F65ZAX	126	60	250	0.123615	0.021338	0.131499	0.022698
ANDREW	DB846F65ZAX	126	170	250	0.123615	0.021338	0.131499	0.022698
ANDREW	DB846F65ZAX	126	170	250	0.123615	0.021338	0.131499	0.022698
ANDREW	DB846H80E-SX	126	310	250	0.113421	0.019578	0.144236	0.024897
ANDREW	DB846H80E-SX	126	310	250	0.113421	0.019578	0.144236	0.024897

Verizon Wireless
Milford CT 2
Carrier Summary

Frequency:	746	MHz
Maximum Permissible Exposure (MPE):	497.33	µW/cm^2
Maximum power density at ground level:	0.46358	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.09321	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
Powerwave	P65-16-XL-2	126	310	500	0.257352	0.051746	0.450544	0.090592
ANDREW	LNX-6514DS-VTM	126	60	500	0.441902	0.088854	0.458865	0.092265
ANDREW	LNX-6514DS-VTM	126	170	500	0.442199	0.088914	0.458865	0.092265

Youghiogheny (MetroPCS)
Milford CT 2
Carrier Summary

Frequency:	2130	MHz
Maximum Permissible Exposure (MPE):	1000	µW/cm^2
Maximum power density at ground level:	0.15316	µW/cm^2
Highest percentage of Maximum Permissible Exposure:	0.01532	%

					On Axis		Area	
Antenna Make	**Model**	**Height (feet)**	**Orientation (degrees true)**	**ERP (Watts)**	**Max Power Density (µW/cm^2)**	**Percent of MPE**	**Max Power Density (µW/cm^2)**	**Percent of MPE**
RFS	APXV18-206517S-C	175	30	660	0.07624	0.007624	0.136455	0.013645
RFS	APXV18-206517S-C	175	150	660	0.076287	0.007629	0.136455	0.013645
RFS	APXV18-206517S-C	175	270	660	0.07624	0.007624	0.136455	0.013645

AT&T Mobility, LLC
Milford CT 2
KMW:AM-X-CD-14-65-00T-RET Antenna Worksheet (21 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	1930	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.10	31162.06	0.000017	0.000002	58244877
1.0	-0.10	0.9772	3116.28	3115.89	0.001717	0.000172	582473
2.0	-0.50	0.8913	1558.24	1557.47	0.006866	0.000687	145637
3.0	-1.10	0.7762	1038.94	1037.79	0.015446	0.001545	64741
4.0	-2.20	0.6026	779.32	777.79	0.027451	0.002745	36428
5.0	-3.60	0.4365	623.58	621.66	0.042876	0.004288	23323
6.0	-5.40	0.2884	519.77	517.47	0.061181	0.006118	16344
7.0	-7.70	0.1698	445.65	442.96	0.080042	0.008004	12493
8.0	-10.60	0.0871	390.07	386.99	0.095778	0.009578	10440
9.0	-14.10	0.0389	346.86	343.39	0.106498	0.010650	9389
10.0	-18.60	0.0138	312.30	308.45	0.105716	0.010572	9459
12.0	-35.30	0.0003	260.51	255.88	0.081702	0.008170	12239
14.0	-32.50	0.0006	223.55	218.14	0.042084	0.004208	23761
16.0	-23.60	0.0044	195.88	189.67	0.013067	0.001307	76531
18.0	-21.10	0.0078	174.39	167.39	0.005636	0.000564	177431
20.0	-22.70	0.0054	157.23	149.43	0.006921	0.000692	144485
22.0	-32.80	0.0005	143.22	134.62	0.008329	0.000833	120060
24.0	-26.20	0.0024	131.58	122.16	0.018593	0.001859	53782
26.0	-17.50	0.0178	121.76	111.51	0.030187	0.003019	33127
28.0	-16.60	0.0219	113.38	102.29	0.034920	0.003492	28636
30.0	-18.00	0.0158	106.14	94.20	0.039714	0.003971	25180
32.0	-22.20	0.0060	99.84	87.04	0.044673	0.004467	22385
34.0	-32.50	0.0006	94.30	80.63	0.049975	0.004998	20009
36.0	-31.20	0.0008	89.42	74.86	0.054605	0.005460	18313
38.0	-25.20	0.0030	85.07	69.61	0.043429	0.004343	23026
40.0	-24.10	0.0039	81.20	64.82	0.019421	0.001942	51489
42.0	-24.90	0.0032	77.72	60.40	0.014149	0.001415	70676
44.0	-25.60	0.0028	74.59	56.32	0.015255	0.001526	65552
46.0	-25.60	0.0028	71.76	52.52	0.016343	0.001634	61189
48.0	-24.70	0.0034	69.21	48.97	0.018190	0.001819	54974
50.0	-22.80	0.0052	66.89	45.64	0.031062	0.003106	32193
52.0	-20.60	0.0087	64.78	42.49	0.052255	0.005225	19136
54.0	-17.70	0.0170	62.87	39.52	0.097184	0.009718	10289
56.0	-16.50	0.0224	61.13	36.69	0.126870	0.012687	7882
58.0	-15.60	0.0275	59.55	33.99	0.151204	0.015120	6613
60.0	-15.10	0.0309	58.12	31.40	0.171604	0.017160	5827
62.0	-14.80	0.0331	56.81	28.92	0.189004	0.018900	5290
64.0	-14.60	0.0347	55.63	26.53	0.197842	0.019784	5054
66.0	-14.60	0.0347	54.57	24.22	0.201910	0.020191	4952
68.0	-15.10	0.0309	53.61	21.97	0.208952	0.020895	4785
70.0	-15.90	0.0257	52.76	19.80	0.210919	0.021092	4741
72.0	-16.90	0.0204	52.00	17.67	0.214636	0.021464	4659
74.0	-18.30	0.0148	51.33	15.60	0.207158	0.020716	4827
76.0	-19.80	0.0105	50.75	13.56	0.172535	0.017253	5795
78.0	-21.40	0.0072	50.25	11.56	0.137833	0.013783	7255
80.0	-22.90	0.0051	49.83	9.59	0.102376	0.010238	9767
82.0	-24.70	0.0034	49.50	7.64	0.069716	0.006972	14343
84.0	-25.80	0.0026	49.23	5.72	0.048280	0.004828	20712
86.0	-26.90	0.0020	49.05	3.80	0.031832	0.003183	31414
88.0	-28.00	0.0016	48.94	1.90	0.022642	0.002264	44164
90.0	-29.30	0.0012	48.90	0.00	0.017196	0.001720	58152

AT&T Mobility, LLC
Milford CT 2
KMW:AM-X-CD-14-65-00T-RET Antenna Worksheet (138 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	1930	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.10	31162.06	0.000017	0.000002	58244877
1.0	-0.10	0.9772	3116.28	3115.89	0.001717	0.000172	582473
2.0	-0.50	0.8913	1558.24	1557.47	0.006866	0.000687	145637
3.0	-1.10	0.7762	1038.94	1037.79	0.015446	0.001545	64741
4.0	-2.20	0.6026	779.32	777.79	0.027451	0.002745	36428
5.0	-3.60	0.4365	623.58	621.66	0.042876	0.004288	23323
6.0	-5.40	0.2884	519.77	517.47	0.061181	0.006118	16344
7.0	-7.70	0.1698	445.65	442.96	0.080042	0.008004	12493
8.0	-10.60	0.0871	390.07	386.99	0.095778	0.009578	10440
9.0	-14.10	0.0389	346.86	343.39	0.106498	0.010650	9389
10.0	-18.60	0.0138	312.30	308.45	0.105849	0.010585	9447
12.0	-35.30	0.0003	260.51	255.88	0.081702	0.008170	12239
14.0	-32.50	0.0006	223.55	218.14	0.042084	0.004208	23761
16.0	-23.60	0.0044	195.88	189.67	0.013058	0.001306	76584
18.0	-21.10	0.0078	174.39	167.39	0.005636	0.000564	177431
20.0	-22.70	0.0054	157.23	149.43	0.006921	0.000692	144485
22.0	-32.80	0.0005	143.22	134.62	0.008329	0.000833	120060
24.0	-26.20	0.0024	131.58	122.16	0.018617	0.001862	53713
26.0	-17.50	0.0178	121.76	111.51	0.030187	0.003019	33127
28.0	-16.60	0.0219	113.38	102.29	0.034965	0.003496	28600
30.0	-18.00	0.0158	106.14	94.20	0.039714	0.003971	25180
32.0	-22.20	0.0060	99.84	87.04	0.044730	0.004473	22356
34.0	-32.50	0.0006	94.30	80.63	0.049975	0.004998	20009
36.0	-31.20	0.0008	89.42	74.86	0.054498	0.005450	18349
38.0	-25.20	0.0030	85.07	69.61	0.043429	0.004343	23026
40.0	-24.10	0.0039	81.20	64.82	0.019421	0.001942	51489
42.0	-24.90	0.0032	77.72	60.40	0.014149	0.001415	70676
44.0	-25.60	0.0028	74.59	56.32	0.015255	0.001526	65552
46.0	-25.60	0.0028	71.76	52.52	0.016343	0.001634	61189
48.0	-24.70	0.0034	69.21	48.97	0.018237	0.001824	54834
50.0	-22.80	0.0052	66.89	45.64	0.031062	0.003106	32193
52.0	-20.60	0.0087	64.78	42.49	0.052255	0.005225	19136
54.0	-17.70	0.0170	62.87	39.52	0.097184	0.009718	10289
56.0	-16.50	0.0224	61.13	36.69	0.126870	0.012687	7882
58.0	-15.60	0.0275	59.55	33.99	0.151165	0.015117	6615
60.0	-15.10	0.0309	58.12	31.40	0.171450	0.017145	5832
62.0	-14.80	0.0331	56.81	28.92	0.189101	0.018910	5288
64.0	-14.60	0.0347	55.63	26.53	0.197842	0.019784	5054
66.0	-14.60	0.0347	54.57	24.22	0.201910	0.020191	4952
68.0	-15.10	0.0309	53.61	21.97	0.208952	0.020895	4785
70.0	-15.90	0.0257	52.76	19.80	0.212569	0.021257	4704
72.0	-16.90	0.0204	52.00	17.67	0.214636	0.021464	4659
74.0	-18.30	0.0148	51.33	15.60	0.207158	0.020716	4827
76.0	-19.80	0.0105	50.75	13.56	0.175195	0.017519	5707
78.0	-21.40	0.0072	50.25	11.56	0.137833	0.013783	7255
80.0	-22.90	0.0051	49.83	9.59	0.100194	0.010019	9980
82.0	-24.70	0.0034	49.50	7.64	0.069716	0.006972	14343
84.0	-25.80	0.0026	49.23	5.72	0.047426	0.004743	21085
86.0	-26.90	0.0020	49.05	3.80	0.031832	0.003183	31414
88.0	-28.00	0.0016	48.94	1.90	0.022642	0.002264	44164
90.0	-29.30	0.0012	48.90	0.00	0.016864	0.001686	59297

AT&T Mobility, LLC
Milford CT 2
KMW:AM-X-CD-14-65-00T-RET Antenna Worksheet (259 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	1930	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.10	31162.06	0.000017	0.000002	58244877
1.0	-0.10	0.9772	3116.28	3115.89	0.001717	0.000172	582473
2.0	-0.50	0.8913	1558.24	1557.47	0.006866	0.000687	145637
3.0	-1.10	0.7762	1038.94	1037.79	0.015446	0.001545	64741
4.0	-2.20	0.6026	779.32	777.79	0.027451	0.002745	36428
5.0	-3.60	0.4365	623.58	621.66	0.042876	0.004288	23323
6.0	-5.40	0.2884	519.77	517.47	0.061181	0.006118	16344
7.0	-7.70	0.1698	445.65	442.96	0.080042	0.008004	12493
8.0	-10.60	0.0871	390.07	386.99	0.095778	0.009578	10440
9.0	-14.10	0.0389	346.86	343.39	0.106498	0.010650	9389
10.0	-18.60	0.0138	312.30	308.45	0.105849	0.010585	9447
12.0	-35.30	0.0003	260.51	255.88	0.081702	0.008170	12239
14.0	-32.50	0.0006	223.55	218.14	0.042104	0.004210	23750
16.0	-23.60	0.0044	195.88	189.67	0.013067	0.001307	76531
18.0	-21.10	0.0078	174.39	167.39	0.005636	0.000564	177431
20.0	-22.70	0.0054	157.23	149.43	0.006922	0.000692	144463
22.0	-32.80	0.0005	143.22	134.62	0.008329	0.000833	120066
24.0	-26.20	0.0024	131.58	122.16	0.018617	0.001862	53713
26.0	-17.50	0.0178	121.76	111.51	0.030148	0.003015	33169
28.0	-16.60	0.0219	113.38	102.29	0.034965	0.003496	28600
30.0	-18.00	0.0158	106.14	94.20	0.039736	0.003974	25166
32.0	-22.20	0.0060	99.84	87.04	0.044673	0.004467	22385
34.0	-32.50	0.0006	94.30	80.63	0.049975	0.004998	20009
36.0	-31.20	0.0008	89.42	74.86	0.054498	0.005450	18349
38.0	-25.20	0.0030	85.07	69.61	0.043429	0.004343	23026
40.0	-24.10	0.0039	81.20	64.82	0.019421	0.001942	51489
42.0	-24.90	0.0032	77.72	60.40	0.014149	0.001415	70676
44.0	-25.60	0.0028	74.59	56.32	0.015255	0.001526	65552
46.0	-25.60	0.0028	71.76	52.52	0.016343	0.001634	61189
48.0	-24.70	0.0034	69.21	48.97	0.018190	0.001819	54974
50.0	-22.80	0.0052	66.89	45.64	0.031062	0.003106	32193
52.0	-20.60	0.0087	64.78	42.49	0.052388	0.005239	19088
54.0	-17.70	0.0170	62.87	39.52	0.096937	0.009694	10315
56.0	-16.50	0.0224	61.13	36.69	0.127194	0.012719	7862
58.0	-15.60	0.0275	59.55	33.99	0.151165	0.015117	6615
60.0	-15.10	0.0309	58.12	31.40	0.171450	0.017145	5832
62.0	-14.80	0.0331	56.81	28.92	0.189101	0.018910	5288
64.0	-14.60	0.0347	55.63	26.53	0.196455	0.019645	5090
66.0	-14.60	0.0347	54.57	24.22	0.201910	0.020191	4952
68.0	-15.10	0.0309	53.61	21.97	0.208952	0.020895	4785
70.0	-15.90	0.0257	52.76	19.80	0.212569	0.021257	4704
72.0	-16.90	0.0204	52.00	17.67	0.216596	0.021660	4616
74.0	-18.30	0.0148	51.33	15.60	0.209364	0.020936	4776
76.0	-19.80	0.0105	50.75	13.56	0.172535	0.017253	5795
78.0	-21.40	0.0072	50.25	11.56	0.137833	0.013783	7255
80.0	-22.90	0.0051	49.83	9.59	0.100194	0.010019	9980
82.0	-24.70	0.0034	49.50	7.64	0.069716	0.006972	14343
84.0	-25.80	0.0026	49.23	5.72	0.048280	0.004828	20712
86.0	-26.90	0.0020	49.05	3.80	0.031832	0.003183	31414
88.0	-28.00	0.0016	48.94	1.90	0.022176	0.002218	45093
90.0	-29.30	0.0012	48.90	0.00	0.017180	0.001718	58206

AT&T Mobility, LLC
Milford CT 2
Powerwave:7770.00 Antenna Worksheet (21 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	1930	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.09	0.9795	31162.10	31162.06	0.000017	0.000002	58244877
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000172	582473
2.0	-0.50	0.8913	1558.24	1557.47	0.006866	0.000687	145637
3.0	-1.60	0.6918	1038.94	1037.79	0.015446	0.001545	64741
4.0	-3.40	0.4571	779.32	777.79	0.027451	0.002745	36428
5.0	-6.40	0.2291	623.58	621.66	0.042876	0.004288	23323
6.0	-11.00	0.0794	519.77	517.47	0.061712	0.006171	16204
7.0	-20.20	0.0095	445.65	442.96	0.081266	0.008127	12305
8.0	-20.30	0.0093	390.07	386.99	0.093682	0.009368	10674
9.0	-13.40	0.0457	346.86	343.39	0.093937	0.009394	10645
10.0	-11.00	0.0794	312.30	308.45	0.081269	0.008127	12304
12.0	-11.80	0.0661	260.51	255.88	0.028574	0.002857	34996
14.0	-20.30	0.0093	223.55	218.14	0.032796	0.003280	30491
16.0	-20.30	0.0093	195.88	189.67	0.042659	0.004266	23441
18.0	-14.60	0.0347	174.39	167.39	0.050210	0.005021	19916
20.0	-15.50	0.0282	157.23	149.43	0.029013	0.002901	34467
22.0	-22.20	0.0060	143.22	134.62	0.034912	0.003491	28643
24.0	-33.80	0.0004	131.58	122.16	0.041300	0.004130	24213
26.0	-24.60	0.0035	121.76	111.51	0.048174	0.004817	20757
28.0	-28.00	0.0016	113.38	102.29	0.033895	0.003389	29503
30.0	-29.10	0.0012	106.14	94.20	0.014376	0.001438	69559
32.0	-20.20	0.0095	99.84	87.04	0.032148	0.003215	31105
34.0	-17.50	0.0178	94.30	80.63	0.044294	0.004429	22576
36.0	-17.20	0.0191	89.42	74.86	0.049128	0.004913	20355
38.0	-18.30	0.0148	85.07	69.61	0.054183	0.005418	18455
40.0	-19.60	0.0110	81.20	64.82	0.059155	0.005915	16904
42.0	-20.50	0.0089	77.72	60.40	0.064461	0.006446	15513
44.0	-22.00	0.0063	74.59	56.32	0.069508	0.006951	14386
46.0	-25.50	0.0028	71.76	52.52	0.059384	0.005938	16839
48.0	-33.50	0.0004	69.21	48.97	0.047963	0.004796	20849
50.0	-36.00	0.0003	66.89	45.64	0.041816	0.004182	23914
52.0	-27.90	0.0016	64.78	42.49	0.031757	0.003176	31488
54.0	-25.00	0.0032	62.87	39.52	0.019643	0.001964	50909
56.0	-24.40	0.0036	61.13	36.69	0.020971	0.002097	47684
58.0	-25.40	0.0029	59.55	33.99	0.021967	0.002197	45522
60.0	-27.90	0.0016	58.12	31.40	0.022919	0.002292	43631
62.0	-31.80	0.0007	56.81	28.92	0.023816	0.002382	41987
64.0	-35.90	0.0003	55.63	26.53	0.023952	0.002395	41750
66.0	-34.20	0.0004	54.57	24.22	0.017536	0.001754	57026
68.0	-31.50	0.0007	53.61	21.97	0.008989	0.000899	111249
70.0	-29.70	0.0011	52.76	19.80	0.009266	0.000927	107922
72.0	-29.30	0.0012	52.00	17.67	0.009704	0.000970	103046
74.0	-29.30	0.0012	51.33	15.60	0.009885	0.000989	101161
76.0	-30.20	0.0010	50.75	13.56	0.010051	0.001005	99489
78.0	-31.40	0.0007	50.25	11.56	0.010189	0.001019	98143
80.0	-33.10	0.0005	49.83	9.59	0.010135	0.001013	98670
82.0	-35.20	0.0003	49.50	7.64	0.008224	0.000822	121589
84.0	-36.80	0.0002	49.23	5.72	0.006137	0.000614	162952
86.0	-37.40	0.0002	49.05	3.80	0.003945	0.000395	253455
88.0	-37.70	0.0002	48.94	1.90	0.002710	0.000271	369054
90.0	-36.50	0.0002	48.90	0.00	0.002662	0.000266	375605

AT&T Mobility, LLC
Milford CT 2
Powerwave:7770.00 Antenna Worksheet (138 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	1930	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.09	0.9795	31162.10	31162.06	0.000017	0.000002	58244877
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000172	582473
2.0	-0.50	0.8913	1558.24	1557.47	0.006866	0.000687	145637
3.0	-1.60	0.6918	1038.94	1037.79	0.015446	0.001545	64741
4.0	-3.40	0.4571	779.32	777.79	0.027451	0.002745	36428
5.0	-6.40	0.2291	623.58	621.66	0.042876	0.004288	23323
6.0	-11.00	0.0794	519.77	517.47	0.061712	0.006171	16204
7.0	-20.20	0.0095	445.65	442.96	0.081266	0.008127	12305
8.0	-20.30	0.0093	390.07	386.99	0.093682	0.009368	10674
9.0	-13.40	0.0457	346.86	343.39	0.093937	0.009394	10645
10.0	-11.00	0.0794	312.30	308.45	0.081269	0.008127	12304
12.0	-11.80	0.0661	260.51	255.88	0.028574	0.002857	34996
14.0	-20.30	0.0093	223.55	218.14	0.032796	0.003280	30491
16.0	-20.30	0.0093	195.88	189.67	0.042659	0.004266	23441
18.0	-14.60	0.0347	174.39	167.39	0.050274	0.005027	19890
20.0	-15.50	0.0282	157.23	149.43	0.029013	0.002901	34467
22.0	-22.20	0.0060	143.22	134.62	0.034912	0.003491	28643
24.0	-33.80	0.0004	131.58	122.16	0.041309	0.004131	24207
26.0	-24.60	0.0035	121.76	111.51	0.048174	0.004817	20757
28.0	-28.00	0.0016	113.38	102.29	0.033938	0.003394	29465
30.0	-29.10	0.0012	106.14	94.20	0.014376	0.001438	69559
32.0	-20.20	0.0095	99.84	87.04	0.032107	0.003211	31145
34.0	-17.50	0.0178	94.30	80.63	0.044294	0.004429	22576
36.0	-17.20	0.0191	89.42	74.86	0.049243	0.004924	20307
38.0	-18.30	0.0148	85.07	69.61	0.054108	0.005411	18481
40.0	-19.60	0.0110	81.20	64.82	0.059155	0.005915	16904
42.0	-20.50	0.0089	77.72	60.40	0.064297	0.006430	15552
44.0	-22.00	0.0063	74.59	56.32	0.069508	0.006951	14386
46.0	-25.50	0.0028	71.76	52.52	0.059384	0.005938	16839
48.0	-33.50	0.0004	69.21	48.97	0.047783	0.004778	20928
50.0	-36.00	0.0003	66.89	45.64	0.041816	0.004182	23914
52.0	-27.90	0.0016	64.78	42.49	0.031757	0.003176	31488
54.0	-25.00	0.0032	62.87	39.52	0.019643	0.001964	50909
56.0	-24.40	0.0036	61.13	36.69	0.020971	0.002097	47684
58.0	-25.40	0.0029	59.55	33.99	0.022074	0.002207	45302
60.0	-27.90	0.0016	58.12	31.40	0.023016	0.002302	43448
62.0	-31.80	0.0007	56.81	28.92	0.023908	0.002391	41827
64.0	-35.90	0.0003	55.63	26.53	0.023952	0.002395	41750
66.0	-34.20	0.0004	54.57	24.22	0.017536	0.001754	57026
68.0	-31.50	0.0007	53.61	21.97	0.008989	0.000899	111249
70.0	-29.70	0.0011	52.76	19.80	0.009301	0.000930	107511
72.0	-29.30	0.0012	52.00	17.67	0.009704	0.000970	103046
74.0	-29.30	0.0012	51.33	15.60	0.009885	0.000989	101161
76.0	-30.20	0.0010	50.75	13.56	0.010083	0.001008	99173
78.0	-31.40	0.0007	50.25	11.56	0.010189	0.001019	98143
80.0	-33.10	0.0005	49.83	9.59	0.010097	0.001010	99036
82.0	-35.20	0.0003	49.50	7.64	0.008224	0.000822	121589
84.0	-36.80	0.0002	49.23	5.72	0.006108	0.000611	163716
86.0	-37.40	0.0002	49.05	3.80	0.003945	0.000395	253455
88.0	-37.70	0.0002	48.94	1.90	0.002710	0.000271	369054
90.0	-36.50	0.0002	48.90	0.00	0.002645	0.000265	378006

AT&T Mobility, LLC
Milford CT 2
Powerwave:7770.00 Antenna Worksheet (259 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	1930	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.09	0.9795	31162.10	31162.06	0.000017	0.000002	58244877
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000172	582473
2.0	-0.50	0.8913	1558.24	1557.47	0.006866	0.000687	145637
3.0	-1.60	0.6918	1038.94	1037.79	0.015446	0.001545	64741
4.0	-3.40	0.4571	779.32	777.79	0.027451	0.002745	36428
5.0	-6.40	0.2291	623.58	621.66	0.042876	0.004288	23323
6.0	-11.00	0.0794	519.77	517.47	0.061712	0.006171	16204
7.0	-20.20	0.0095	445.65	442.96	0.081266	0.008127	12305
8.0	-20.30	0.0093	390.07	386.99	0.093682	0.009368	10674
9.0	-13.40	0.0457	346.86	343.39	0.093937	0.009394	10645
10.0	-11.00	0.0794	312.30	308.45	0.081269	0.008127	12304
12.0	-11.80	0.0661	260.51	255.88	0.028574	0.002857	34996
14.0	-20.30	0.0093	223.55	218.14	0.032754	0.003275	30530
16.0	-20.30	0.0093	195.88	189.67	0.042659	0.004266	23441
18.0	-14.60	0.0347	174.39	167.39	0.050274	0.005027	19890
20.0	-15.50	0.0282	157.23	149.43	0.029008	0.002901	34472
22.0	-22.20	0.0060	143.22	134.62	0.034914	0.003491	28641
24.0	-33.80	0.0004	131.58	122.16	0.041309	0.004131	24207
26.0	-24.60	0.0035	121.76	111.51	0.048155	0.004815	20766
28.0	-28.00	0.0016	113.38	102.29	0.033938	0.003394	29465
30.0	-29.10	0.0012	106.14	94.20	0.014348	0.001435	69698
32.0	-20.20	0.0095	99.84	87.04	0.032148	0.003215	31105
34.0	-17.50	0.0178	94.30	80.63	0.044294	0.004429	22576
36.0	-17.20	0.0191	89.42	74.86	0.049243	0.004924	20307
38.0	-18.30	0.0148	85.07	69.61	0.054183	0.005418	18455
40.0	-19.60	0.0110	81.20	64.82	0.059155	0.005915	16904
42.0	-20.50	0.0089	77.72	60.40	0.064461	0.006446	15513
44.0	-22.00	0.0063	74.59	56.32	0.069508	0.006951	14386
46.0	-25.50	0.0028	71.76	52.52	0.059384	0.005938	16839
48.0	-33.50	0.0004	69.21	48.97	0.047963	0.004796	20849
50.0	-36.00	0.0003	66.89	45.64	0.041816	0.004182	23914
52.0	-27.90	0.0016	64.78	42.49	0.031879	0.003188	31368
54.0	-25.00	0.0032	62.87	39.52	0.019568	0.001957	51104
56.0	-24.40	0.0036	61.13	36.69	0.021078	0.002108	47442
58.0	-25.40	0.0029	59.55	33.99	0.022074	0.002207	45302
60.0	-27.90	0.0016	58.12	31.40	0.023016	0.002302	43448
62.0	-31.80	0.0007	56.81	28.92	0.023908	0.002391	41827
64.0	-35.90	0.0003	55.63	26.53	0.023830	0.002383	41963
66.0	-34.20	0.0004	54.57	24.22	0.017536	0.001754	57026
68.0	-31.50	0.0007	53.61	21.97	0.008989	0.000899	111249
70.0	-29.70	0.0011	52.76	19.80	0.009301	0.000930	107511
72.0	-29.30	0.0012	52.00	17.67	0.009742	0.000974	102652
74.0	-29.30	0.0012	51.33	15.60	0.009932	0.000993	100687
76.0	-30.20	0.0010	50.75	13.56	0.010051	0.001005	99489
78.0	-31.40	0.0007	50.25	11.56	0.010189	0.001019	98143
80.0	-33.10	0.0005	49.83	9.59	0.010097	0.001010	99036
82.0	-35.20	0.0003	49.50	7.64	0.008224	0.000822	121589
84.0	-36.80	0.0002	49.23	5.72	0.006137	0.000614	162952
86.0	-37.40	0.0002	49.05	3.80	0.003945	0.000395	253455
88.0	-37.70	0.0002	48.94	1.90	0.002696	0.000270	370940
90.0	-36.50	0.0002	48.90	0.00	0.002662	0.000266	375605

AT&T Mobility, LLC
Milford CT 2
KMW:AM-X-CD-14-65-00T-RET Antenna Worksheet (21 Sector)

Maximum Permissible Exposure (MPE):				586.67			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	880	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.27	0.9397	31162.10	31162.06	0.000017	0.000003	34170327
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000293	341717
2.0	0.00	1.0000	1558.24	1557.47	0.006866	0.001170	85440
3.0	0.00	1.0000	1038.94	1037.79	0.015446	0.002633	37981
4.0	-0.10	0.9772	779.32	777.79	0.027451	0.004679	21371
5.0	-0.20	0.9550	623.58	621.66	0.042876	0.007308	13682
6.0	-0.50	0.8913	519.77	517.47	0.061712	0.010519	9506
7.0	-0.80	0.8318	445.65	442.96	0.083949	0.014309	6988
8.0	-1.10	0.7762	390.07	386.99	0.109575	0.018678	5354
9.0	-1.60	0.6918	346.86	343.39	0.138263	0.023568	4243
10.0	-2.00	0.6310	312.30	308.45	0.167245	0.028508	3507
12.0	-3.90	0.4074	260.51	255.88	0.223051	0.038020	2630
14.0	-5.50	0.2818	223.55	218.14	0.268948	0.045843	2181
16.0	-8.90	0.1288	195.88	189.67	0.294754	0.050242	1990
18.0	-11.90	0.0646	174.39	167.39	0.261683	0.044605	2241
20.0	-17.90	0.0162	157.23	149.43	0.242137	0.041273	2422
22.0	-20.30	0.0093	143.22	134.62	0.195113	0.033258	3006
24.0	-18.20	0.0151	131.58	122.16	0.108514	0.018497	5406
26.0	-15.00	0.0316	121.76	111.51	0.063845	0.010883	9188
28.0	-13.80	0.0417	113.38	102.29	0.070425	0.012004	8330
30.0	-13.30	0.0468	106.14	94.20	0.081615	0.013912	7188
32.0	-13.50	0.0447	99.84	87.04	0.091881	0.015662	6385
34.0	-14.00	0.0398	94.30	80.63	0.102828	0.017527	5705
36.0	-15.30	0.0295	89.42	74.86	0.114039	0.019438	5144
38.0	-16.60	0.0219	85.07	69.61	0.125174	0.021336	4686
40.0	-19.00	0.0126	81.20	64.82	0.131192	0.022362	4471
42.0	-21.20	0.0076	77.72	60.40	0.127703	0.021768	4594
44.0	-25.10	0.0031	74.59	56.32	0.104726	0.017851	5601
46.0	-27.90	0.0016	71.76	52.52	0.084918	0.014475	6908
48.0	-30.40	0.0009	69.21	48.97	0.054001	0.009205	10863
50.0	-31.50	0.0007	66.89	45.64	0.035608	0.006070	16475
52.0	-31.30	0.0007	64.78	42.49	0.016045	0.002735	36563
54.0	-31.30	0.0007	62.87	39.52	0.009075	0.001547	64648
56.0	-32.00	0.0006	61.13	36.69	0.005519	0.000941	106300
58.0	-34.20	0.0004	59.55	33.99	0.004957	0.000845	118347
60.0	-36.80	0.0002	58.12	31.40	0.005167	0.000881	113541
62.0	-41.10	0.0001	56.81	28.92	0.005108	0.000871	114853
64.0	-56.40	0.0000	55.63	26.53	0.004351	0.000742	134822
66.0	-47.50	0.0000	54.57	24.22	0.002504	0.000427	234295
68.0	-41.00	0.0001	53.61	21.97	0.001248	0.000213	470182
70.0	-39.40	0.0001	52.76	19.80	0.001120	0.000191	523607
72.0	-38.90	0.0001	52.00	17.67	0.001144	0.000195	512987
74.0	-39.30	0.0001	51.33	15.60	0.001158	0.000197	506425
76.0	-39.90	0.0001	50.75	13.56	0.001173	0.000200	500208
78.0	-40.40	0.0001	50.25	11.56	0.001181	0.000201	496705
80.0	-40.00	0.0001	49.83	9.59	0.001360	0.000232	431408
82.0	-38.70	0.0001	49.50	7.64	0.001626	0.000277	360869
84.0	-37.80	0.0002	49.23	5.72	0.001921	0.000327	305411
86.0	-37.20	0.0002	49.05	3.80	0.001944	0.000331	301826
88.0	-36.70	0.0002	48.94	1.90	0.001933	0.000330	303453
90.0	-36.70	0.0002	48.90	0.00	0.001919	0.000327	305635

AT&T Mobility, LLC
Milford CT 2
KMW:AM-X-CD-14-65-00T-RET Antenna Worksheet (138 Sector)

Maximum Permissible Exposure (MPE):				586.67			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	880	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.27	0.9397	31162.10	31162.06	0.000017	0.000003	34170327
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000293	341717
2.0	0.00	1.0000	1558.24	1557.47	0.006866	0.001170	85440
3.0	0.00	1.0000	1038.94	1037.79	0.015446	0.002633	37981
4.0	-0.10	0.9772	779.32	777.79	0.027451	0.004679	21371
5.0	-0.20	0.9550	623.58	621.66	0.042876	0.007308	13682
6.0	-0.50	0.8913	519.77	517.47	0.061712	0.010519	9506
7.0	-0.80	0.8318	445.65	442.96	0.083949	0.014309	6988
8.0	-1.10	0.7762	390.07	386.99	0.109575	0.018678	5354
9.0	-1.60	0.6918	346.86	343.39	0.138263	0.023568	4243
10.0	-2.00	0.6310	312.30	308.45	0.167245	0.028508	3507
12.0	-3.90	0.4074	260.51	255.88	0.223051	0.038020	2630
14.0	-5.50	0.2818	223.55	218.14	0.268948	0.045843	2181
16.0	-8.90	0.1288	195.88	189.67	0.294926	0.050271	1989
18.0	-11.90	0.0646	174.39	167.39	0.261778	0.044621	2241
20.0	-17.90	0.0162	157.23	149.43	0.242137	0.041273	2422
22.0	-20.30	0.0093	143.22	134.62	0.195113	0.033258	3006
24.0	-18.20	0.0151	131.58	122.16	0.108376	0.018473	5413
26.0	-15.00	0.0316	121.76	111.51	0.063846	0.010883	9188
28.0	-13.80	0.0417	113.38	102.29	0.070336	0.011989	8340
30.0	-13.30	0.0468	106.14	94.20	0.081615	0.013912	7188
32.0	-13.50	0.0447	99.84	87.04	0.091998	0.015681	6376
34.0	-14.00	0.0398	94.30	80.63	0.102828	0.017527	5705
36.0	-15.30	0.0295	89.42	74.86	0.113871	0.019410	5152
38.0	-16.60	0.0219	85.07	69.61	0.125479	0.021388	4675
40.0	-19.00	0.0126	81.20	64.82	0.131192	0.022362	4471
42.0	-21.20	0.0076	77.72	60.40	0.128029	0.021823	4582
44.0	-25.10	0.0031	74.59	56.32	0.104726	0.017851	5601
46.0	-27.90	0.0016	71.76	52.52	0.084918	0.014475	6908
48.0	-30.40	0.0009	69.21	48.97	0.054139	0.009228	10836
50.0	-31.50	0.0007	66.89	45.64	0.035608	0.006070	16475
52.0	-31.30	0.0007	64.78	42.49	0.016045	0.002735	36563
54.0	-31.30	0.0007	62.87	39.52	0.009075	0.001547	64648
56.0	-32.00	0.0006	61.13	36.69	0.005519	0.000941	106300
58.0	-34.20	0.0004	59.55	33.99	0.004957	0.000845	118347
60.0	-36.80	0.0002	58.12	31.40	0.005167	0.000881	113541
62.0	-41.10	0.0001	56.81	28.92	0.005108	0.000871	114853
64.0	-56.40	0.0000	55.63	26.53	0.004351	0.000742	134822
66.0	-47.50	0.0000	54.57	24.22	0.002504	0.000427	234295
68.0	-41.00	0.0001	53.61	21.97	0.001248	0.000213	470182
70.0	-39.40	0.0001	52.76	19.80	0.001125	0.000192	521685
72.0	-38.90	0.0001	52.00	17.67	0.001144	0.000195	512987
74.0	-39.30	0.0001	51.33	15.60	0.001158	0.000197	506425
76.0	-39.90	0.0001	50.75	13.56	0.001183	0.000202	495765
78.0	-40.40	0.0001	50.25	11.56	0.001181	0.000201	496705
80.0	-40.00	0.0001	49.83	9.59	0.001341	0.000229	437444
82.0	-38.70	0.0001	49.50	7.64	0.001626	0.000277	360869
84.0	-37.80	0.0002	49.23	5.72	0.001884	0.000321	311437
86.0	-37.20	0.0002	49.05	3.80	0.001944	0.000331	301826
88.0	-36.70	0.0002	48.94	1.90	0.001933	0.000330	303453
90.0	-36.70	0.0002	48.90	0.00	0.001857	0.000317	315931

AT&T Mobility, LLC
Milford CT 2
KMW:AM-X-CD-14-65-00T-RET Antenna Worksheet (259 Sector)

Maximum Permissible Exposure (MPE):				586.67			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	880	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.27	0.9397	31162.10	31162.06	0.000017	0.000003	34170327
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000293	341717
2.0	0.00	1.0000	1558.24	1557.47	0.006866	0.001170	85440
3.0	0.00	1.0000	1038.94	1037.79	0.015446	0.002633	37981
4.0	-0.10	0.9772	779.32	777.79	0.027451	0.004679	21371
5.0	-0.20	0.9550	623.58	621.66	0.042876	0.007308	13682
6.0	-0.50	0.8913	519.77	517.47	0.061712	0.010519	9506
7.0	-0.80	0.8318	445.65	442.96	0.083949	0.014309	6988
8.0	-1.10	0.7762	390.07	386.99	0.109575	0.018678	5354
9.0	-1.60	0.6918	346.86	343.39	0.138263	0.023568	4243
10.0	-2.00	0.6310	312.30	308.45	0.167245	0.028508	3507
12.0	-3.90	0.4074	260.51	255.88	0.223051	0.038020	2630
14.0	-5.50	0.2818	223.55	218.14	0.268823	0.045822	2182
16.0	-8.90	0.1288	195.88	189.67	0.294754	0.050242	1990
18.0	-11.90	0.0646	174.39	167.39	0.261778	0.044621	2241
20.0	-17.90	0.0162	157.23	149.43	0.242175	0.041280	2422
22.0	-20.30	0.0093	143.22	134.62	0.194864	0.033216	3010
24.0	-18.20	0.0151	131.58	122.16	0.108376	0.018473	5413
26.0	-15.00	0.0316	121.76	111.51	0.063927	0.010897	9177
28.0	-13.80	0.0417	113.38	102.29	0.070336	0.011989	8340
30.0	-13.30	0.0468	106.14	94.20	0.081719	0.013929	7179
32.0	-13.50	0.0447	99.84	87.04	0.091881	0.015662	6385
34.0	-14.00	0.0398	94.30	80.63	0.102828	0.017527	5705
36.0	-15.30	0.0295	89.42	74.86	0.113871	0.019410	5152
38.0	-16.60	0.0219	85.07	69.61	0.125174	0.021336	4686
40.0	-19.00	0.0126	81.20	64.82	0.131192	0.022362	4471
42.0	-21.20	0.0076	77.72	60.40	0.127703	0.021768	4594
44.0	-25.10	0.0031	74.59	56.32	0.104726	0.017851	5601
46.0	-27.90	0.0016	71.76	52.52	0.084918	0.014475	6908
48.0	-30.40	0.0009	69.21	48.97	0.054001	0.009205	10863
50.0	-31.50	0.0007	66.89	45.64	0.035608	0.006070	16475
52.0	-31.30	0.0007	64.78	42.49	0.016025	0.002732	36609
54.0	-31.30	0.0007	62.87	39.52	0.009086	0.001549	64566
56.0	-32.00	0.0006	61.13	36.69	0.005512	0.000940	106436
58.0	-34.20	0.0004	59.55	33.99	0.004957	0.000845	118347
60.0	-36.80	0.0002	58.12	31.40	0.005167	0.000881	113541
62.0	-41.10	0.0001	56.81	28.92	0.005108	0.000871	114853
64.0	-56.40	0.0000	55.63	26.53	0.004355	0.000742	134724
66.0	-47.50	0.0000	54.57	24.22	0.002504	0.000427	234295
68.0	-41.00	0.0001	53.61	21.97	0.001248	0.000213	470182
70.0	-39.40	0.0001	52.76	19.80	0.001125	0.000192	521685
72.0	-38.90	0.0001	52.00	17.67	0.001150	0.000196	510293
74.0	-39.30	0.0001	51.33	15.60	0.001166	0.000199	503009
76.0	-39.90	0.0001	50.75	13.56	0.001173	0.000200	500208
78.0	-40.40	0.0001	50.25	11.56	0.001181	0.000201	496705
80.0	-40.00	0.0001	49.83	9.59	0.001341	0.000229	437444
82.0	-38.70	0.0001	49.50	7.64	0.001626	0.000277	360869
84.0	-37.80	0.0002	49.23	5.72	0.001921	0.000327	305411
86.0	-37.20	0.0002	49.05	3.80	0.001944	0.000331	301826
88.0	-36.70	0.0002	48.94	1.90	0.001878	0.000320	312389
90.0	-36.70	0.0002	48.90	0.00	0.001919	0.000327	305635

AT&T Mobility, LLC
Milford CT 2
Powerwave:7770.00 Antenna Worksheet (21 Sector)

Maximum Permissible Exposure (MPE):				586.67			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	880	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.10	31162.06	0.000017	0.000003	34170327
1.0	-0.10	0.9772	3116.28	3115.89	0.001717	0.000293	341717
2.0	-0.20	0.9550	1558.24	1557.47	0.006866	0.001170	85440
3.0	-0.50	0.8913	1038.94	1037.79	0.015446	0.002633	37981
4.0	-0.90	0.8128	779.32	777.79	0.027451	0.004679	21371
5.0	-1.30	0.7413	623.58	621.66	0.042876	0.007308	13682
6.0	-1.90	0.6457	519.77	517.47	0.061181	0.010429	9589
7.0	-2.60	0.5495	445.65	442.96	0.081618	0.013912	7187
8.0	-3.50	0.4467	390.07	386.99	0.103429	0.017630	5672
9.0	-4.50	0.3548	346.86	343.39	0.123225	0.021004	4760
10.0	-5.70	0.2692	312.30	308.45	0.140371	0.023927	4179
12.0	-8.90	0.1288	260.51	255.88	0.166244	0.028337	3528
14.0	-13.50	0.0447	223.55	218.14	0.167353	0.028526	3505
16.0	-21.00	0.0079	195.88	189.67	0.145245	0.024758	4039
18.0	-21.90	0.0065	174.39	167.39	0.103373	0.017620	5675
20.0	-16.70	0.0214	157.23	149.43	0.058004	0.009887	10114
22.0	-14.20	0.0380	143.22	134.62	0.045088	0.007686	13011
24.0	-13.30	0.0468	131.58	122.16	0.053430	0.009107	10980
26.0	-13.50	0.0447	121.76	111.51	0.062443	0.010644	9395
28.0	-14.80	0.0331	113.38	102.29	0.071676	0.012218	8184
30.0	-17.20	0.0191	106.14	94.20	0.081877	0.013956	7165
32.0	-21.60	0.0069	99.84	87.04	0.092291	0.015731	6356
34.0	-31.10	0.0008	94.30	80.63	0.096039	0.016370	6108
36.0	-30.40	0.0009	89.42	74.86	0.079712	0.013587	7359
38.0	-22.40	0.0058	85.07	69.61	0.052349	0.008923	11206
40.0	-19.00	0.0126	81.20	64.82	0.050988	0.008691	11506
42.0	-17.20	0.0191	77.72	60.40	0.073319	0.012498	8001
44.0	-16.30	0.0234	74.59	56.32	0.089946	0.015332	6522
46.0	-15.90	0.0257	71.76	52.52	0.099595	0.016976	5890
48.0	-16.10	0.0245	69.21	48.97	0.106631	0.018176	5501
50.0	-16.60	0.0219	66.89	45.64	0.113661	0.019374	5161
52.0	-17.50	0.0178	64.78	42.49	0.120179	0.020485	4881
54.0	-18.80	0.0132	62.87	39.52	0.127523	0.021737	4600
56.0	-20.30	0.0093	61.13	36.69	0.127566	0.021744	4598
58.0	-22.10	0.0062	59.55	33.99	0.118604	0.020217	4946
60.0	-24.20	0.0038	58.12	31.40	0.099766	0.017006	5880
62.0	-26.50	0.0022	56.81	28.92	0.076602	0.013057	7658
64.0	-28.70	0.0013	55.63	26.53	0.055272	0.009421	10614
66.0	-30.80	0.0008	54.57	24.22	0.036994	0.006306	15858
68.0	-32.20	0.0006	53.61	21.97	0.023063	0.003931	25437
70.0	-33.00	0.0005	52.76	19.80	0.013789	0.002350	42545
72.0	-33.20	0.0005	52.00	17.67	0.008422	0.001436	69657
74.0	-33.10	0.0005	51.33	15.60	0.005739	0.000978	102227
76.0	-33.30	0.0005	50.75	13.56	0.004631	0.000789	126687
78.0	-33.50	0.0004	50.25	11.56	0.004476	0.000763	131082
80.0	-33.70	0.0004	49.83	9.59	0.004489	0.000765	130699
82.0	-34.00	0.0004	49.50	7.64	0.004329	0.000738	135507
84.0	-34.50	0.0004	49.23	5.72	0.004130	0.000704	142054
86.0	-35.10	0.0003	49.05	3.80	0.003843	0.000655	152643
88.0	-35.40	0.0003	48.94	1.90	0.003540	0.000603	165735
90.0	-36.00	0.0003	48.90	0.00	0.003049	0.000520	192416

AT&T Mobility, LLC
Milford CT 2
Powerwave:7770.00 Antenna Worksheet (138 Sector)

Maximum Permissible Exposure (MPE):				586.67			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	880	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.10	31162.06	0.000017	0.000003	34170327
1.0	-0.10	0.9772	3116.28	3115.89	0.001717	0.000293	341717
2.0	-0.20	0.9550	1558.24	1557.47	0.006866	0.001170	85440
3.0	-0.50	0.8913	1038.94	1037.79	0.015446	0.002633	37981
4.0	-0.90	0.8128	779.32	777.79	0.027451	0.004679	21371
5.0	-1.30	0.7413	623.58	621.66	0.042876	0.007308	13682
6.0	-1.90	0.6457	519.77	517.47	0.061181	0.010429	9589
7.0	-2.60	0.5495	445.65	442.96	0.081618	0.013912	7187
8.0	-3.50	0.4467	390.07	386.99	0.103429	0.017630	5672
9.0	-4.50	0.3548	346.86	343.39	0.123225	0.021004	4760
10.0	-5.70	0.2692	312.30	308.45	0.140548	0.023957	4174
12.0	-8.90	0.1288	260.51	255.88	0.166244	0.028337	3528
14.0	-13.50	0.0447	223.55	218.14	0.167353	0.028526	3505
16.0	-21.00	0.0079	195.88	189.67	0.144960	0.024709	4047
18.0	-21.90	0.0065	174.39	167.39	0.103241	0.017598	5682
20.0	-16.70	0.0214	157.23	149.43	0.058004	0.009887	10114
22.0	-14.20	0.0380	143.22	134.62	0.045088	0.007686	13011
24.0	-13.30	0.0468	131.58	122.16	0.053566	0.009131	10952
26.0	-13.50	0.0447	121.76	111.51	0.062443	0.010644	9395
28.0	-14.80	0.0331	113.38	102.29	0.071859	0.012249	8164
30.0	-17.20	0.0191	106.14	94.20	0.081877	0.013956	7165
32.0	-21.60	0.0069	99.84	87.04	0.092057	0.015691	6372
34.0	-31.10	0.0008	94.30	80.63	0.096039	0.016370	6108
36.0	-30.40	0.0009	89.42	74.86	0.080018	0.013639	7331
38.0	-22.40	0.0058	85.07	69.61	0.052149	0.008889	11249
40.0	-19.00	0.0126	81.20	64.82	0.050988	0.008691	11506
42.0	-17.20	0.0191	77.72	60.40	0.073132	0.012466	8021
44.0	-16.30	0.0234	74.59	56.32	0.089946	0.015332	6522
46.0	-15.90	0.0257	71.76	52.52	0.099595	0.016976	5890
48.0	-16.10	0.0245	69.21	48.97	0.106229	0.018107	5522
50.0	-16.60	0.0219	66.89	45.64	0.113661	0.019374	5161
52.0	-17.50	0.0178	64.78	42.49	0.120179	0.020485	4881
54.0	-18.80	0.0132	62.87	39.52	0.127523	0.021737	4600
56.0	-20.30	0.0093	61.13	36.69	0.127566	0.021744	4598
58.0	-22.10	0.0062	59.55	33.99	0.119059	0.020294	4927
60.0	-24.20	0.0038	58.12	31.40	0.100238	0.017086	5852
62.0	-26.50	0.0022	56.81	28.92	0.076896	0.013107	7629
64.0	-28.70	0.0013	55.63	26.53	0.055272	0.009421	10614
66.0	-30.80	0.0008	54.57	24.22	0.036994	0.006306	15858
68.0	-32.20	0.0006	53.61	21.97	0.023063	0.003931	25437
70.0	-33.00	0.0005	52.76	19.80	0.013825	0.002357	42435
72.0	-33.20	0.0005	52.00	17.67	0.008422	0.001436	69657
74.0	-33.10	0.0005	51.33	15.60	0.005739	0.000978	102227
76.0	-33.30	0.0005	50.75	13.56	0.004637	0.000790	126525
78.0	-33.50	0.0004	50.25	11.56	0.004476	0.000763	131082
80.0	-33.70	0.0004	49.83	9.59	0.004488	0.000765	130715
82.0	-34.00	0.0004	49.50	7.64	0.004329	0.000738	135507
84.0	-34.50	0.0004	49.23	5.72	0.004130	0.000704	142054
86.0	-35.10	0.0003	49.05	3.80	0.003843	0.000655	152643
88.0	-35.40	0.0003	48.94	1.90	0.003540	0.000603	165735
90.0	-36.00	0.0003	48.90	0.00	0.003053	0.000520	192171

AT&T Mobility, LLC
Milford CT 2
Powerwave:7770.00 Antenna Worksheet (259 Sector)

Maximum Permissible Exposure (MPE):				586.67			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	880	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.10	31162.06	0.000017	0.000003	34170327
1.0	-0.10	0.9772	3116.28	3115.89	0.001717	0.000293	341717
2.0	-0.20	0.9550	1558.24	1557.47	0.006866	0.001170	85440
3.0	-0.50	0.8913	1038.94	1037.79	0.015446	0.002633	37981
4.0	-0.90	0.8128	779.32	777.79	0.027451	0.004679	21371
5.0	-1.30	0.7413	623.58	621.66	0.042876	0.007308	13682
6.0	-1.90	0.6457	519.77	517.47	0.061150	0.010423	9593
7.0	-2.60	0.5495	445.65	442.96	0.081514	0.013894	7197
8.0	-3.50	0.4467	390.07	386.99	0.103560	0.017652	5664
9.0	-4.50	0.3548	346.86	343.39	0.123225	0.021004	4760
10.0	-5.70	0.2692	312.30	308.45	0.140548	0.023957	4174
12.0	-8.90	0.1288	260.51	255.88	0.166417	0.028367	3525
14.0	-13.50	0.0447	223.55	218.14	0.167566	0.028562	3501
16.0	-21.00	0.0079	195.88	189.67	0.145245	0.024758	4039
18.0	-21.90	0.0065	174.39	167.39	0.103241	0.017598	5682
20.0	-16.70	0.0214	157.23	149.43	0.057922	0.009873	10128
22.0	-14.20	0.0380	143.22	134.62	0.045204	0.007705	12978
24.0	-13.30	0.0468	131.58	122.16	0.053566	0.009131	10952
26.0	-13.50	0.0447	121.76	111.51	0.062284	0.010617	9419
28.0	-14.80	0.0331	113.38	102.29	0.071859	0.012249	8164
30.0	-17.20	0.0191	106.14	94.20	0.081610	0.013911	7188
32.0	-21.60	0.0069	99.84	87.04	0.092291	0.015731	6356
34.0	-31.10	0.0008	94.30	80.63	0.096039	0.016370	6108
36.0	-30.40	0.0009	89.42	74.86	0.080018	0.013639	7331
38.0	-22.40	0.0058	85.07	69.61	0.052349	0.008923	11206
40.0	-19.00	0.0126	81.20	64.82	0.050988	0.008691	11506
42.0	-17.20	0.0191	77.72	60.40	0.073319	0.012498	8001
44.0	-16.30	0.0234	74.59	56.32	0.089946	0.015332	6522
46.0	-15.90	0.0257	71.76	52.52	0.099595	0.016976	5890
48.0	-16.10	0.0245	69.21	48.97	0.106631	0.018176	5501
50.0	-16.60	0.0219	66.89	45.64	0.113661	0.019374	5161
52.0	-17.50	0.0178	64.78	42.49	0.120791	0.020589	4856
54.0	-18.80	0.0132	62.87	39.52	0.127036	0.021654	4618
56.0	-20.30	0.0093	61.13	36.69	0.128055	0.021828	4581
58.0	-22.10	0.0062	59.55	33.99	0.119059	0.020294	4927
60.0	-24.20	0.0038	58.12	31.40	0.100238	0.017086	5852
62.0	-26.50	0.0022	56.81	28.92	0.076896	0.013107	7629
64.0	-28.70	0.0013	55.63	26.53	0.055061	0.009385	10654
66.0	-30.80	0.0008	54.57	24.22	0.036994	0.006306	15858
68.0	-32.20	0.0006	53.61	21.97	0.023063	0.003931	25437
70.0	-33.00	0.0005	52.76	19.80	0.013825	0.002357	42435
72.0	-33.20	0.0005	52.00	17.67	0.008444	0.001439	69480
74.0	-33.10	0.0005	51.33	15.60	0.005753	0.000981	101967
76.0	-33.30	0.0005	50.75	13.56	0.004631	0.000789	126687
78.0	-33.50	0.0004	50.25	11.56	0.004476	0.000763	131082
80.0	-33.70	0.0004	49.83	9.59	0.004488	0.000765	130715
82.0	-34.00	0.0004	49.50	7.64	0.004329	0.000738	135507
84.0	-34.50	0.0004	49.23	5.72	0.004130	0.000704	142054
86.0	-35.10	0.0003	49.05	3.80	0.003843	0.000655	152643
88.0	-35.40	0.0003	48.94	1.90	0.003545	0.000604	165477
90.0	-36.00	0.0003	48.90	0.00	0.003049	0.000520	192416

AT&T Mobility, LLC
Milford CT 2
Kathrein-Scala:80010764 Antenna Worksheet (60 Sector)

Maximum Permissible Exposure (MPE):				493.33			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	740	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9979	31162.10	31162.06	0.000017	0.000003	28740093
1.0	0.00	1.0000	3116.28	3115.89	0.001713	0.000347	287949
2.0	-0.09	0.9795	1558.24	1557.47	0.006851	0.001389	72013
3.0	-0.28	0.9376	1038.94	1037.79	0.015446	0.003131	31939
4.0	-0.57	0.8770	779.32	777.79	0.027451	0.005564	17971
5.0	-0.97	0.7998	623.58	621.66	0.042385	0.008592	11639
6.0	-1.49	0.7096	519.77	517.47	0.061655	0.012498	8001
7.0	-2.13	0.6124	445.65	442.96	0.083459	0.016917	5911
8.0	-2.90	0.5129	390.07	386.99	0.106570	0.021602	4629
9.0	-3.83	0.4140	346.86	343.39	0.129565	0.026263	3807
10.0	-4.93	0.3214	312.30	308.45	0.150582	0.030523	3276
12.0	-7.79	0.1663	260.51	255.88	0.181524	0.036795	2717
14.0	-12.00	0.0631	223.55	218.14	0.188193	0.038147	2621
16.0	-18.84	0.0131	195.88	189.67	0.168849	0.034226	2921
18.0	-23.34	0.0046	174.39	167.39	0.128836	0.026115	3829
20.0	-17.16	0.0192	157.23	149.43	0.077113	0.015631	6397
22.0	-14.14	0.0385	143.22	134.62	0.048856	0.009903	10097
24.0	-12.99	0.0502	131.58	122.16	0.058069	0.011771	8495
26.0	-13.04	0.0497	121.76	111.51	0.067614	0.013706	7296
28.0	-14.10	0.0389	113.38	102.29	0.077747	0.015760	6345
30.0	-16.21	0.0239	106.14	94.20	0.088412	0.017921	5579
32.0	-19.81	0.0104	99.84	87.04	0.100859	0.020444	4891
34.0	-26.28	0.0024	94.30	80.63	0.105376	0.021360	4681
36.0	-30.90	0.0008	89.42	74.86	0.093243	0.018901	5290
38.0	-23.16	0.0048	85.07	69.61	0.064004	0.012974	7707
40.0	-19.15	0.0122	81.20	64.82	0.050495	0.010235	9770
42.0	-16.93	0.0203	77.72	60.40	0.078177	0.015847	6310
44.0	-15.70	0.0269	74.59	56.32	0.101626	0.020600	4854
46.0	-15.16	0.0305	71.76	52.52	0.117749	0.023868	4189
48.0	-15.16	0.0305	69.21	48.97	0.123584	0.025051	3991
50.0	-15.66	0.0272	66.89	45.64	0.131527	0.026661	3750
52.0	-16.60	0.0219	64.78	42.49	0.139370	0.028251	3539
54.0	-17.99	0.0159	62.87	39.52	0.150347	0.030476	3281
56.0	-19.77	0.0105	61.13	36.69	0.151772	0.030764	3250
58.0	-21.90	0.0065	59.55	33.99	0.140723	0.028525	3505
60.0	-24.18	0.0038	58.12	31.40	0.119739	0.024272	4120
62.0	-26.31	0.0023	56.81	28.92	0.089097	0.018060	5537
64.0	-27.83	0.0016	55.63	26.53	0.058588	0.011876	8420
66.0	-28.56	0.0014	54.57	24.22	0.037289	0.007559	13229
68.0	-28.76	0.0013	53.61	21.97	0.022078	0.004475	22345
70.0	-28.89	0.0013	52.76	19.80	0.014789	0.002998	33357
72.0	-29.27	0.0012	52.00	17.67	0.011391	0.002309	43308
74.0	-30.05	0.0010	51.33	15.60	0.010647	0.002158	46337
76.0	-31.23	0.0008	50.75	13.56	0.010747	0.002178	45904
78.0	-32.67	0.0005	50.25	11.56	0.010070	0.002041	48989
80.0	-33.89	0.0004	49.83	9.59	0.008517	0.001726	57924
82.0	-33.98	0.0004	49.50	7.64	0.006472	0.001312	76227
84.0	-32.69	0.0005	49.23	5.72	0.008699	0.001763	56708
86.0	-30.93	0.0008	49.05	3.80	0.010919	0.002213	45180
88.0	-29.52	0.0011	48.94	1.90	0.011429	0.002317	43165
90.0	-28.76	0.0013	48.90	0.00	0.011339	0.002299	43505

AT&T Mobility, LLC
Milford CT 2
Kathrein-Scala:80010764 Antenna Worksheet (180 Sector)

Maximum Permissible Exposure (MPE):				493.33			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	740	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9979	31162.10	31162.06	0.000017	0.000003	28740089
1.0	0.00	1.0000	3116.28	3115.89	0.001713	0.000347	287949
2.0	-0.09	0.9795	1558.24	1557.47	0.006851	0.001389	72013
3.0	-0.28	0.9376	1038.94	1037.79	0.015410	0.003124	32012
4.0	-0.57	0.8770	779.32	777.79	0.027200	0.005513	18137
5.0	-0.97	0.7998	623.58	621.66	0.042385	0.008592	11639
6.0	-1.49	0.7096	519.77	517.47	0.061655	0.012498	8001
7.0	-2.13	0.6124	445.65	442.96	0.083354	0.016896	5918
8.0	-2.90	0.5129	390.07	386.99	0.106396	0.021567	4636
9.0	-3.83	0.4140	346.86	343.39	0.129294	0.026208	3815
10.0	-4.93	0.3214	312.30	308.45	0.150582	0.030523	3276
12.0	-7.79	0.1663	260.51	255.88	0.180871	0.036663	2727
14.0	-12.00	0.0631	223.55	218.14	0.188192	0.038147	2621
16.0	-18.84	0.0131	195.88	189.67	0.168849	0.034226	2921
18.0	-23.34	0.0046	174.39	167.39	0.128011	0.025948	3853
20.0	-17.16	0.0192	157.23	149.43	0.077113	0.015631	6397
22.0	-14.14	0.0385	143.22	134.62	0.048454	0.009822	10181
24.0	-12.99	0.0502	131.58	122.16	0.058069	0.011771	8495
26.0	-13.04	0.0497	121.76	111.51	0.067614	0.013706	7296
28.0	-14.10	0.0389	113.38	102.29	0.077747	0.015760	6345
30.0	-16.21	0.0239	106.14	94.20	0.088412	0.017921	5579
32.0	-19.81	0.0104	99.84	87.04	0.099569	0.020183	4954
34.0	-26.28	0.0024	94.30	80.63	0.105376	0.021360	4681
36.0	-30.90	0.0008	89.42	74.86	0.091879	0.018624	5369
38.0	-23.16	0.0048	85.07	69.61	0.064004	0.012974	7707
40.0	-19.15	0.0122	81.20	64.82	0.050495	0.010235	9770
42.0	-16.93	0.0203	77.72	60.40	0.078177	0.015847	6310
44.0	-15.70	0.0269	74.59	56.32	0.101626	0.020600	4854
46.0	-15.16	0.0305	71.76	52.52	0.115522	0.023417	4270
48.0	-15.16	0.0305	69.21	48.97	0.123584	0.025051	3991
50.0	-15.66	0.0272	66.89	45.64	0.131527	0.026661	3750
52.0	-16.60	0.0219	64.78	42.49	0.139370	0.028251	3539
54.0	-17.99	0.0159	62.87	39.52	0.147066	0.029811	3354
56.0	-19.77	0.0105	61.13	36.69	0.151772	0.030764	3250
58.0	-21.90	0.0065	59.55	33.99	0.140723	0.028525	3505
60.0	-24.18	0.0038	58.12	31.40	0.116960	0.023708	4217
62.0	-26.31	0.0023	56.81	28.92	0.087006	0.017636	5670
64.0	-27.83	0.0016	55.63	26.53	0.058588	0.011876	8420
66.0	-28.56	0.0014	54.57	24.22	0.036406	0.007380	13550
68.0	-28.76	0.0013	53.61	21.97	0.022078	0.004475	22345
70.0	-28.89	0.0013	52.76	19.80	0.014441	0.002927	34161
72.0	-29.27	0.0012	52.00	17.67	0.011391	0.002309	43308
74.0	-30.05	0.0010	51.33	15.60	0.010647	0.002158	46337
76.0	-31.23	0.0008	50.75	13.56	0.010501	0.002129	46978
78.0	-32.67	0.0005	50.25	11.56	0.009845	0.001996	50111
80.0	-33.89	0.0004	49.83	9.59	0.008332	0.001689	59209
82.0	-33.98	0.0004	49.50	7.64	0.006472	0.001312	76227
84.0	-32.69	0.0005	49.23	5.72	0.008522	0.001728	57886
86.0	-30.93	0.0008	49.05	3.80	0.010704	0.002170	46090
88.0	-29.52	0.0011	48.94	1.90	0.011209	0.002272	44012
90.0	-28.76	0.0013	48.90	0.00	0.011135	0.002257	44304

AT&T Mobility, LLC
Milford CT 2
Kathrein-Scala:80010764 Antenna Worksheet (300 Sector)

Maximum Permissible Exposure (MPE):				493.33			
ERP (Watts):	500	**Height (feet):**	167	**Frequency (MHz):**	740	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9979	31162.10	31162.06	0.000017	0.000003	28734143
1.0	0.00	1.0000	3116.28	3115.89	0.001717	0.000348	287353
2.0	-0.09	0.9795	1558.24	1557.47	0.006866	0.001392	71847
3.0	-0.28	0.9376	1038.94	1037.79	0.015410	0.003124	32012
4.0	-0.57	0.8770	779.32	777.79	0.027200	0.005513	18137
5.0	-0.97	0.7998	623.58	621.66	0.042876	0.008691	11506
6.0	-1.49	0.7096	519.77	517.47	0.061712	0.012509	7994
7.0	-2.13	0.6124	445.65	442.96	0.083354	0.016896	5918
8.0	-2.90	0.5129	390.07	386.99	0.106396	0.021567	4636
9.0	-3.83	0.4140	346.86	343.39	0.129294	0.026208	3815
10.0	-4.93	0.3214	312.30	308.45	0.150968	0.030602	3267
12.0	-7.79	0.1663	260.51	255.88	0.180871	0.036663	2727
14.0	-12.00	0.0631	223.55	218.14	0.189047	0.038320	2609
16.0	-18.84	0.0131	195.88	189.67	0.169773	0.034413	2905
18.0	-23.34	0.0046	174.39	167.39	0.128011	0.025948	3853
20.0	-17.16	0.0192	157.23	149.43	0.077680	0.015746	6350
22.0	-14.14	0.0385	143.22	134.62	0.048454	0.009822	10181
24.0	-12.99	0.0502	131.58	122.16	0.058606	0.011880	8417
26.0	-13.04	0.0497	121.76	111.51	0.068305	0.013846	7222
28.0	-14.10	0.0389	113.38	102.29	0.078606	0.015934	6276
30.0	-16.21	0.0239	106.14	94.20	0.089474	0.018137	5513
32.0	-19.81	0.0104	99.84	87.04	0.099569	0.020183	4954
34.0	-26.28	0.0024	94.30	80.63	0.106846	0.021658	4617
36.0	-30.90	0.0008	89.42	74.86	0.091879	0.018624	5369
38.0	-23.16	0.0048	85.07	69.61	0.065018	0.013179	7587
40.0	-19.15	0.0122	81.20	64.82	0.051339	0.010407	9609
42.0	-16.93	0.0203	77.72	60.40	0.079553	0.016126	6201
44.0	-15.70	0.0269	74.59	56.32	0.103507	0.020981	4766
46.0	-15.16	0.0305	71.76	52.52	0.115522	0.023417	4270
48.0	-15.16	0.0305	69.21	48.97	0.126079	0.025557	3912
50.0	-15.66	0.0272	66.89	45.64	0.134286	0.027220	3673
52.0	-16.60	0.0219	64.78	42.49	0.142387	0.028862	3464
54.0	-17.99	0.0159	62.87	39.52	0.147066	0.029811	3354
56.0	-19.77	0.0105	61.13	36.69	0.155258	0.031471	3177
58.0	-21.90	0.0065	59.55	33.99	0.144028	0.029195	3425
60.0	-24.18	0.0038	58.12	31.40	0.116960	0.023708	4217
62.0	-26.31	0.0023	56.81	28.92	0.087006	0.017636	5670
64.0	-27.83	0.0016	55.63	26.53	0.060005	0.012163	8221
66.0	-28.56	0.0014	54.57	24.22	0.036406	0.007380	13550
68.0	-28.76	0.0013	53.61	21.97	0.022614	0.004584	21815
70.0	-28.89	0.0013	52.76	19.80	0.014441	0.002927	34161
72.0	-29.27	0.0012	52.00	17.67	0.011666	0.002365	42289
74.0	-30.05	0.0010	51.33	15.60	0.010900	0.002209	45261
76.0	-31.23	0.0008	50.75	13.56	0.010501	0.002129	46978
78.0	-32.67	0.0005	50.25	11.56	0.009845	0.001996	50111
80.0	-33.89	0.0004	49.83	9.59	0.008332	0.001689	59209
82.0	-33.98	0.0004	49.50	7.64	0.006611	0.001340	74624
84.0	-32.69	0.0005	49.23	5.72	0.008522	0.001728	57886
86.0	-30.93	0.0008	49.05	3.80	0.010704	0.002170	46090
88.0	-29.52	0.0011	48.94	1.90	0.011209	0.002272	44012
90.0	-28.76	0.0013	48.90	0.00	0.011128	0.002256	44330

Clearwire
Milford CT 2
ARGUS:LLPX310R Antenna Worksheet (30 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	185	**Frequency (MHz):**	2500	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.02	0.9954	31162.11	31162.06	0.000017	0.000002	58244915
1.0	-0.20	0.9550	3116.37	3115.89	0.001717	0.000172	582507
2.0	-0.80	0.8318	1558.42	1557.47	0.006865	0.000686	145671
3.0	-1.90	0.6457	1039.21	1037.79	0.015438	0.001544	64775
4.0	-3.40	0.4571	779.69	777.79	0.026801	0.002680	37311
5.0	-5.30	0.2951	624.03	621.66	0.042813	0.004281	23357
6.0	-7.70	0.1698	520.32	517.47	0.058971	0.005897	16957
7.0	-10.40	0.0912	446.28	442.96	0.070210	0.007021	14243
8.0	-13.30	0.0468	390.79	386.99	0.072147	0.007215	13860
9.0	-15.80	0.0263	347.67	343.39	0.065861	0.006586	15183
10.0	-17.20	0.0191	313.21	308.45	0.053904	0.005390	18551
12.0	-16.20	0.0240	261.59	255.88	0.025462	0.002546	39274
14.0	-14.20	0.0380	224.82	218.14	0.016562	0.001656	60377
16.0	-14.00	0.0398	197.32	189.67	0.021441	0.002144	46638
18.0	-16.70	0.0214	176.00	167.39	0.026772	0.002677	37352
20.0	-23.70	0.0043	159.02	149.43	0.032913	0.003291	30382
22.0	-28.30	0.0015	145.19	134.62	0.030863	0.003086	32401
24.0	-25.30	0.0030	133.72	122.16	0.013765	0.001377	72645
26.0	-28.00	0.0016	124.07	111.51	0.036336	0.003634	27520
28.0	-20.70	0.0085	115.85	102.29	0.064111	0.006411	15597
30.0	-15.60	0.0275	108.78	94.20	0.075629	0.007563	13222
32.0	-13.60	0.0437	102.63	87.04	0.084168	0.008417	11881
34.0	-13.60	0.0437	97.26	80.63	0.094049	0.009405	10632
36.0	-15.40	0.0288	92.53	74.86	0.102691	0.010269	9737
38.0	-18.90	0.0129	88.34	69.61	0.113052	0.011305	8845
40.0	-25.20	0.0030	84.61	64.82	0.100947	0.010095	9906
42.0	-42.50	0.0001	81.28	60.40	0.061959	0.006196	16139
44.0	-30.60	0.0009	78.29	56.32	0.023974	0.002397	41711
46.0	-26.70	0.0021	75.61	52.52	0.014117	0.001412	70838
48.0	-25.40	0.0029	73.19	48.97	0.019190	0.001919	52110
50.0	-24.30	0.0037	71.00	45.64	0.022113	0.002211	45221
52.0	-23.20	0.0048	69.02	42.49	0.023266	0.002327	42981
54.0	-22.80	0.0052	67.23	39.52	0.024228	0.002423	41275
56.0	-23.50	0.0045	65.60	36.69	0.025426	0.002543	39330
58.0	-25.20	0.0030	64.13	33.99	0.026454	0.002645	37801
60.0	-27.50	0.0018	62.80	31.40	0.026131	0.002613	38268
62.0	-30.10	0.0010	61.60	28.92	0.020810	0.002081	48053
64.0	-32.80	0.0005	60.51	26.53	0.013638	0.001364	73327
66.0	-35.60	0.0003	59.54	24.22	0.008095	0.000810	123528
68.0	-37.40	0.0002	58.66	21.97	0.004724	0.000472	211683
70.0	-37.20	0.0002	57.88	19.80	0.002565	0.000257	389803
72.0	-36.90	0.0002	57.19	17.67	0.001515	0.000152	659876
74.0	-38.00	0.0002	56.58	15.60	0.001504	0.000150	664753
76.0	-40.20	0.0001	56.05	13.56	0.001524	0.000152	656117
78.0	-41.00	0.0001	55.60	11.56	0.001412	0.000141	708223
80.0	-40.20	0.0001	55.23	9.59	0.001249	0.000125	800435
82.0	-38.90	0.0001	54.92	7.64	0.001276	0.000128	783805
84.0	-37.90	0.0002	54.69	5.72	0.001286	0.000129	777321
86.0	-38.10	0.0002	54.52	3.80	0.001286	0.000129	777674
88.0	-39.20	0.0001	54.42	1.90	0.001282	0.000128	779876
90.0	-40.30	0.0001	54.39	0.00	0.001261	0.000126	793116

Clearwire
Milford CT 2
ARGUS:LLPX310R Antenna Worksheet (150 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	185	**Frequency (MHz):**	2500	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.02	0.9954	31162.11	31162.06	0.000017	0.000002	58244915
1.0	-0.20	0.9550	3116.37	3115.89	0.001717	0.000172	582507
2.0	-0.80	0.8318	1558.42	1557.47	0.006865	0.000686	145671
3.0	-1.90	0.6457	1039.21	1037.79	0.015438	0.001544	64775
4.0	-3.40	0.4571	779.69	777.79	0.027426	0.002743	36462
5.0	-5.30	0.2951	624.03	621.66	0.042813	0.004281	23357
6.0	-7.70	0.1698	520.32	517.47	0.058821	0.005882	17000
7.0	-10.40	0.0912	446.28	442.96	0.070389	0.007039	14206
8.0	-13.30	0.0468	390.79	386.99	0.072331	0.007233	13825
9.0	-15.80	0.0263	347.67	343.39	0.066029	0.006603	15144
10.0	-17.20	0.0191	313.21	308.45	0.053698	0.005370	18622
12.0	-16.20	0.0240	261.59	255.88	0.025592	0.002559	39075
14.0	-14.20	0.0380	224.82	218.14	0.016478	0.001648	60686
16.0	-14.00	0.0398	197.32	189.67	0.021332	0.002133	46876
18.0	-16.70	0.0214	176.00	167.39	0.026909	0.002691	37162
20.0	-23.70	0.0043	159.02	149.43	0.032746	0.003275	30538
22.0	-28.30	0.0015	145.19	134.62	0.031021	0.003102	32236
24.0	-25.30	0.0030	133.72	122.16	0.013678	0.001368	73110
26.0	-28.00	0.0016	124.07	111.51	0.036105	0.003611	27696
28.0	-20.70	0.0085	115.85	102.29	0.063704	0.006370	15697
30.0	-15.60	0.0275	108.78	94.20	0.075149	0.007515	13306
32.0	-13.60	0.0437	102.63	87.04	0.084706	0.008471	11805
34.0	-13.60	0.0437	97.26	80.63	0.093333	0.009333	10714
36.0	-15.40	0.0288	92.53	74.86	0.103479	0.010348	9663
38.0	-18.90	0.0129	88.34	69.61	0.112191	0.011219	8913
40.0	-25.20	0.0030	84.61	64.82	0.100178	0.010018	9982
42.0	-42.50	0.0001	81.28	60.40	0.061487	0.006149	16263
44.0	-30.60	0.0009	78.29	56.32	0.023791	0.002379	42031
46.0	-26.70	0.0021	75.61	52.52	0.014225	0.001422	70298
48.0	-25.40	0.0029	73.19	48.97	0.019044	0.001904	52510
50.0	-24.30	0.0037	71.00	45.64	0.021945	0.002194	45568
52.0	-23.20	0.0048	69.02	42.49	0.023089	0.002309	43311
54.0	-22.80	0.0052	67.23	39.52	0.024383	0.002438	41012
56.0	-23.50	0.0045	65.60	36.69	0.025297	0.002530	39531
58.0	-25.20	0.0030	64.13	33.99	0.026320	0.002632	37994
60.0	-27.50	0.0018	62.80	31.40	0.026265	0.002626	38073
62.0	-30.10	0.0010	61.60	28.92	0.020890	0.002089	47870
64.0	-32.80	0.0005	60.51	26.53	0.013568	0.001357	73701
66.0	-35.60	0.0003	59.54	24.22	0.008126	0.000813	123057
68.0	-37.40	0.0002	58.66	21.97	0.004712	0.000471	212223
70.0	-37.20	0.0002	57.88	19.80	0.002565	0.000257	389803
72.0	-36.90	0.0002	57.19	17.67	0.001515	0.000152	659876
74.0	-38.00	0.0002	56.58	15.60	0.001506	0.000151	663906
76.0	-40.20	0.0001	56.05	13.56	0.001522	0.000152	656954
78.0	-41.00	0.0001	55.60	11.56	0.001408	0.000141	710030
80.0	-40.20	0.0001	55.23	9.59	0.001245	0.000124	803501
82.0	-38.90	0.0001	54.92	7.64	0.001282	0.000128	779820
84.0	-37.90	0.0002	54.69	5.72	0.001278	0.000128	782290
86.0	-38.10	0.0002	54.52	3.80	0.001276	0.000128	783643
88.0	-39.20	0.0001	54.42	1.90	0.001269	0.000127	787867
90.0	-40.30	0.0001	54.39	0.00	0.001275	0.000128	784063

Clearwire
Milford CT 2
ARGUS:LLPX310R Antenna Worksheet (270 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	185	**Frequency (MHz):**	2500	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.02	0.9954	31162.11	31162.06	0.000017	0.000002	58244915
1.0	-0.20	0.9550	3116.37	3115.89	0.001717	0.000172	582507
2.0	-0.80	0.8318	1558.42	1557.47	0.006865	0.000686	145671
3.0	-1.90	0.6457	1039.21	1037.79	0.015438	0.001544	64775
4.0	-3.40	0.4571	779.69	777.79	0.026801	0.002680	37311
5.0	-5.30	0.2951	624.03	621.66	0.042813	0.004281	23357
6.0	-7.70	0.1698	520.32	517.47	0.058821	0.005882	17000
7.0	-10.40	0.0912	446.28	442.96	0.070210	0.007021	14243
8.0	-13.30	0.0468	390.79	386.99	0.072147	0.007215	13860
9.0	-15.80	0.0263	347.67	343.39	0.065861	0.006586	15183
10.0	-17.20	0.0191	313.21	308.45	0.053698	0.005370	18622
12.0	-16.20	0.0240	261.59	255.88	0.025462	0.002546	39274
14.0	-14.20	0.0380	224.82	218.14	0.016478	0.001648	60686
16.0	-14.00	0.0398	197.32	189.67	0.021332	0.002133	46876
18.0	-16.70	0.0214	176.00	167.39	0.026772	0.002677	37352
20.0	-23.70	0.0043	159.02	149.43	0.032746	0.003275	30538
22.0	-28.30	0.0015	145.19	134.62	0.030863	0.003086	32401
24.0	-25.30	0.0030	133.72	122.16	0.013678	0.001368	73110
26.0	-28.00	0.0016	124.07	111.51	0.036105	0.003611	27696
28.0	-20.70	0.0085	115.85	102.29	0.063704	0.006370	15697
30.0	-15.60	0.0275	108.78	94.20	0.075149	0.007515	13306
32.0	-13.60	0.0437	102.63	87.04	0.084168	0.008417	11881
34.0	-13.60	0.0437	97.26	80.63	0.093333	0.009333	10714
36.0	-15.40	0.0288	92.53	74.86	0.102691	0.010269	9737
38.0	-18.90	0.0129	88.34	69.61	0.112191	0.011219	8913
40.0	-25.20	0.0030	84.61	64.82	0.100178	0.010018	9982
42.0	-42.50	0.0001	81.28	60.40	0.061487	0.006149	16263
44.0	-30.60	0.0009	78.29	56.32	0.023791	0.002379	42031
46.0	-26.70	0.0021	75.61	52.52	0.014117	0.001412	70838
48.0	-25.40	0.0029	73.19	48.97	0.019044	0.001904	52510
50.0	-24.30	0.0037	71.00	45.64	0.021945	0.002194	45568
52.0	-23.20	0.0048	69.02	42.49	0.023089	0.002309	43311
54.0	-22.80	0.0052	67.23	39.52	0.024228	0.002423	41275
56.0	-23.50	0.0045	65.60	36.69	0.025297	0.002530	39531
58.0	-25.20	0.0030	64.13	33.99	0.026320	0.002632	37994
60.0	-27.50	0.0018	62.80	31.40	0.026131	0.002613	38268
62.0	-30.10	0.0010	61.60	28.92	0.020810	0.002081	48053
64.0	-32.80	0.0005	60.51	26.53	0.013568	0.001357	73701
66.0	-35.60	0.0003	59.54	24.22	0.008095	0.000810	123528
68.0	-37.40	0.0002	58.66	21.97	0.004712	0.000471	212223
70.0	-37.20	0.0002	57.88	19.80	0.002565	0.000257	389803
72.0	-36.90	0.0002	57.19	17.67	0.001515	0.000152	659876
74.0	-38.00	0.0002	56.58	15.60	0.001506	0.000151	663906
76.0	-40.20	0.0001	56.05	13.56	0.001524	0.000152	656117
78.0	-41.00	0.0001	55.60	11.56	0.001412	0.000141	708223
80.0	-40.20	0.0001	55.23	9.59	0.001249	0.000125	800435
82.0	-38.90	0.0001	54.92	7.64	0.001282	0.000128	779820
84.0	-37.90	0.0002	54.69	5.72	0.001286	0.000129	777321
86.0	-38.10	0.0002	54.52	3.80	0.001286	0.000129	777674
88.0	-39.20	0.0001	54.42	1.90	0.001282	0.000128	779876
90.0	-40.30	0.0001	54.39	0.00	0.001260	0.000126	793537

Computer Hospital Inc.
Milford CT 2
EMS:MA-WC50-5X Antenna Worksheet (0 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	20	**Height (feet):**	139	**Frequency (MHz):**	5400	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.09	31162.06	0.000001	0.000000	1456120859
1.0	-0.10	0.9772	3116.15	3115.89	0.000069	0.000007	14560701
2.0	-0.20	0.9550	1557.99	1557.47	0.000275	0.000027	3639790
3.0	-0.50	0.8913	1038.57	1037.79	0.000618	0.000062	1617400
4.0	-1.10	0.7762	778.83	777.79	0.001099	0.000110	909563
5.0	-1.70	0.6761	622.97	621.66	0.001718	0.000172	581937
6.0	-2.70	0.5370	519.04	517.47	0.002475	0.000248	403967
7.0	-3.70	0.4266	444.79	442.96	0.003356	0.000336	297992
8.0	-5.10	0.3090	389.09	386.99	0.004315	0.000431	231756
9.0	-6.90	0.2042	345.76	343.39	0.005376	0.000538	186005
10.0	-9.00	0.1259	311.08	308.45	0.006406	0.000641	156091
12.0	-15.10	0.0309	259.04	255.88	0.007857	0.000786	127277
14.0	-19.90	0.0102	221.84	218.14	0.008431	0.000843	118606
16.0	-14.70	0.0339	193.92	189.67	0.007909	0.000791	126432
18.0	-11.80	0.0661	172.19	167.39	0.005979	0.000598	167240
20.0	-10.90	0.0813	154.79	149.43	0.003763	0.000376	265773
22.0	-11.30	0.0741	140.54	134.62	0.003169	0.000317	315527
24.0	-12.90	0.0513	128.65	122.16	0.003775	0.000378	264897
26.0	-16.30	0.0234	118.59	111.51	0.004433	0.000443	225585
28.0	-23.00	0.0050	109.97	102.29	0.005144	0.000514	194395
30.0	-31.30	0.0007	102.49	94.20	0.005909	0.000591	169242
32.0	-21.00	0.0079	95.94	87.04	0.006726	0.000673	148669
34.0	-17.00	0.0200	90.17	80.63	0.007152	0.000715	139820
36.0	-15.30	0.0295	85.05	74.86	0.006377	0.000638	156815
38.0	-14.90	0.0324	80.47	69.61	0.004197	0.000420	238261
40.0	-15.50	0.0282	76.36	64.82	0.003992	0.000399	250516
42.0	-17.10	0.0195	72.65	60.40	0.004829	0.000483	207090
44.0	-19.60	0.0110	69.29	56.32	0.005320	0.000532	187965
46.0	-23.50	0.0045	66.24	52.52	0.005793	0.000579	172607
48.0	-30.50	0.0009	63.46	48.97	0.006278	0.000628	159288
50.0	-35.80	0.0003	60.93	45.64	0.006774	0.000677	147623
52.0	-27.50	0.0018	58.61	42.49	0.007114	0.000711	140575
54.0	-24.30	0.0037	56.49	39.52	0.006234	0.000623	160423
56.0	-23.00	0.0050	54.55	36.69	0.004322	0.000432	231355
58.0	-22.20	0.0060	52.77	33.99	0.002276	0.000228	439284
60.0	-22.20	0.0060	51.14	31.40	0.001633	0.000163	612254
62.0	-22.60	0.0055	49.66	28.92	0.002029	0.000203	492765
64.0	-22.70	0.0054	48.30	26.53	0.002153	0.000215	464448
66.0	-24.20	0.0038	47.07	24.22	0.002248	0.000225	444817
68.0	-26.20	0.0024	45.96	21.97	0.002337	0.000234	427985
70.0	-29.10	0.0012	44.96	19.80	0.002425	0.000243	412365
72.0	-32.30	0.0006	44.07	17.67	0.002311	0.000231	432622
74.0	-31.70	0.0007	43.28	15.60	0.002269	0.000227	440736
76.0	-31.00	0.0008	42.58	13.56	0.001506	0.000151	664020
78.0	-28.50	0.0014	41.99	11.56	0.000844	0.000084	1185281
80.0	-29.00	0.0013	41.49	9.59	0.000675	0.000068	1480585
82.0	-28.60	0.0014	41.08	7.64	0.000682	0.000068	1467127
84.0	-29.80	0.0010	40.77	5.72	0.000686	0.000069	1458184
86.0	-29.20	0.0012	40.55	3.80	0.000879	0.000088	1137113
88.0	-27.60	0.0017	40.41	1.90	0.001067	0.000107	937322
90.0	-26.80	0.0021	40.37	0.00	0.001141	0.000114	876316

Computer Hospital Inc.
Milford CT 2
EMS:MA-WC50-5X Antenna Worksheet (0 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	20	**Height (feet):**	139	**Frequency (MHz):**	5400	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.09	31162.06	0.000001	0.000000	1456120859
1.0	-0.10	0.9772	3116.15	3115.89	0.000069	0.000007	14560701
2.0	-0.20	0.9550	1557.99	1557.47	0.000275	0.000027	3639790
3.0	-0.50	0.8913	1038.57	1037.79	0.000618	0.000062	1617400
4.0	-1.10	0.7762	778.83	777.79	0.001099	0.000110	909563
5.0	-1.70	0.6761	622.97	621.66	0.001718	0.000172	581937
6.0	-2.70	0.5370	519.04	517.47	0.002475	0.000248	403967
7.0	-3.70	0.4266	444.79	442.96	0.003356	0.000336	297992
8.0	-5.10	0.3090	389.09	386.99	0.004315	0.000431	231756
9.0	-6.90	0.2042	345.76	343.39	0.005376	0.000538	186005
10.0	-9.00	0.1259	311.08	308.45	0.006406	0.000641	156091
12.0	-15.10	0.0309	259.04	255.88	0.007857	0.000786	127277
14.0	-19.90	0.0102	221.84	218.14	0.008431	0.000843	118606
16.0	-14.70	0.0339	193.92	189.67	0.007909	0.000791	126432
18.0	-11.80	0.0661	172.19	167.39	0.005979	0.000598	167240
20.0	-10.90	0.0813	154.79	149.43	0.003763	0.000376	265773
22.0	-11.30	0.0741	140.54	134.62	0.003169	0.000317	315527
24.0	-12.90	0.0513	128.65	122.16	0.003775	0.000378	264897
26.0	-16.30	0.0234	118.59	111.51	0.004433	0.000443	225585
28.0	-23.00	0.0050	109.97	102.29	0.005144	0.000514	194395
30.0	-31.30	0.0007	102.49	94.20	0.005909	0.000591	169242
32.0	-21.00	0.0079	95.94	87.04	0.006726	0.000673	148669
34.0	-17.00	0.0200	90.17	80.63	0.007152	0.000715	139820
36.0	-15.30	0.0295	85.05	74.86	0.006377	0.000638	156815
38.0	-14.90	0.0324	80.47	69.61	0.004197	0.000420	238261
40.0	-15.50	0.0282	76.36	64.82	0.003992	0.000399	250516
42.0	-17.10	0.0195	72.65	60.40	0.004829	0.000483	207090
44.0	-19.60	0.0110	69.29	56.32	0.005320	0.000532	187965
46.0	-23.50	0.0045	66.24	52.52	0.005793	0.000579	172607
48.0	-30.50	0.0009	63.46	48.97	0.006278	0.000628	159288
50.0	-35.80	0.0003	60.93	45.64	0.006774	0.000677	147623
52.0	-27.50	0.0018	58.61	42.49	0.007114	0.000711	140575
54.0	-24.30	0.0037	56.49	39.52	0.006234	0.000623	160423
56.0	-23.00	0.0050	54.55	36.69	0.004322	0.000432	231355
58.0	-22.20	0.0060	52.77	33.99	0.002276	0.000228	439284
60.0	-22.20	0.0060	51.14	31.40	0.001633	0.000163	612254
62.0	-22.60	0.0055	49.66	28.92	0.002029	0.000203	492765
64.0	-22.70	0.0054	48.30	26.53	0.002153	0.000215	464448
66.0	-24.20	0.0038	47.07	24.22	0.002248	0.000225	444817
68.0	-26.20	0.0024	45.96	21.97	0.002337	0.000234	427985
70.0	-29.10	0.0012	44.96	19.80	0.002425	0.000243	412365
72.0	-32.30	0.0006	44.07	17.67	0.002311	0.000231	432622
74.0	-31.70	0.0007	43.28	15.60	0.002269	0.000227	440736
76.0	-31.00	0.0008	42.58	13.56	0.001506	0.000151	664020
78.0	-28.50	0.0014	41.99	11.56	0.000844	0.000084	1185281
80.0	-29.00	0.0013	41.49	9.59	0.000675	0.000068	1480585
82.0	-28.60	0.0014	41.08	7.64	0.000682	0.000068	1467127
84.0	-29.80	0.0010	40.77	5.72	0.000686	0.000069	1458184
86.0	-29.20	0.0012	40.55	3.80	0.000879	0.000088	1137113
88.0	-27.60	0.0017	40.41	1.90	0.001067	0.000107	937322
90.0	-26.80	0.0021	40.37	0.00	0.001141	0.000114	876316

Sprint-Nextel
Milford CT 2
EMS:RR65-18-00DPL2 Antenna Worksheet (30 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	185	**Frequency (MHz):**	1950	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (µW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.02	0.9954	31162.11	31162.06	0.000017	0.000002	58244915
1.0	-0.20	0.9550	3116.37	3115.89	0.001717	0.000172	582507
2.0	-1.00	0.7943	1558.42	1557.47	0.006865	0.000686	145671
3.0	-2.30	0.5888	1039.21	1037.79	0.015438	0.001544	64775
4.0	-4.50	0.3548	779.69	777.79	0.027426	0.002743	36462
5.0	-7.50	0.1778	624.03	621.66	0.042813	0.004281	23357
6.0	-12.60	0.0550	520.32	517.47	0.058971	0.005897	16957
7.0	-21.90	0.0065	446.28	442.96	0.067404	0.006740	14835
8.0	-26.70	0.0021	390.79	386.99	0.066326	0.006633	15076
9.0	-18.90	0.0129	347.67	343.39	0.052027	0.005203	19220
10.0	-17.80	0.0166	313.21	308.45	0.033424	0.003342	29918
12.0	-22.00	0.0063	261.59	255.88	0.005143	0.000514	194444
14.0	-32.40	0.0006	224.82	218.14	0.006953	0.000695	143831
16.0	-19.60	0.0110	197.32	189.67	0.008263	0.000826	121014
18.0	-19.00	0.0126	176.00	167.39	0.009305	0.000930	107470
20.0	-24.40	0.0036	159.02	149.43	0.011366	0.001137	87983
22.0	-29.90	0.0010	145.19	134.62	0.013595	0.001360	73555
24.0	-23.90	0.0041	133.72	122.16	0.010136	0.001014	98655
26.0	-25.80	0.0026	124.07	111.51	0.005995	0.000599	166818
28.0	-36.50	0.0002	115.85	102.29	0.009696	0.000970	103132
30.0	-25.40	0.0029	108.78	94.20	0.010950	0.001095	91321
32.0	-22.30	0.0059	102.63	87.04	0.012231	0.001223	81762
34.0	-24.90	0.0032	97.26	80.63	0.013577	0.001358	73656
36.0	-32.70	0.0005	92.53	74.86	0.020208	0.002021	49485
38.0	-25.40	0.0029	88.34	69.61	0.026832	0.002683	37268
40.0	-20.90	0.0081	84.61	64.82	0.029083	0.002908	34383
42.0	-20.00	0.0100	81.28	60.40	0.031338	0.003134	31910
44.0	-22.00	0.0063	78.29	56.32	0.033584	0.003358	29776
46.0	-26.50	0.0022	75.61	52.52	0.035717	0.003572	27997
48.0	-27.50	0.0018	73.19	48.97	0.033360	0.003336	29975
50.0	-23.50	0.0045	71.00	45.64	0.024368	0.002437	41037
52.0	-22.30	0.0059	69.02	42.49	0.025606	0.002561	39053
54.0	-23.00	0.0050	67.23	39.52	0.026699	0.002670	37454
56.0	-26.00	0.0025	65.60	36.69	0.027984	0.002798	35734
58.0	-30.20	0.0010	64.13	33.99	0.028490	0.002849	35099
60.0	-35.30	0.0003	62.80	31.40	0.018986	0.001899	52671
62.0	-29.70	0.0011	61.60	28.92	0.015412	0.001541	64885
64.0	-26.40	0.0023	60.51	26.53	0.016332	0.001633	61230
66.0	-25.50	0.0028	59.54	24.22	0.016586	0.001659	60293
68.0	-25.70	0.0027	58.66	21.97	0.017076	0.001708	58563
70.0	-26.70	0.0021	57.88	19.80	0.017243	0.001724	57995
72.0	-29.00	0.0013	57.19	17.67	0.017632	0.001763	56715
74.0	-29.00	0.0013	56.58	15.60	0.014996	0.001500	66683
76.0	-29.20	0.0012	56.05	13.56	0.010595	0.001060	94381
78.0	-29.40	0.0011	55.60	11.56	0.008399	0.000840	119065
80.0	-29.80	0.0010	55.23	9.59	0.008066	0.000807	123977
82.0	-29.30	0.0012	54.92	7.64	0.009125	0.000912	109590
84.0	-29.20	0.0012	54.69	5.72	0.008959	0.000896	111624
86.0	-28.60	0.0014	54.52	3.80	0.008921	0.000892	112097
88.0	-29.50	0.0011	54.42	1.90	0.008873	0.000887	112698
90.0	-31.60	0.0007	54.39	0.00	0.008973	0.000897	111446

Sprint-Nextel
Milford CT 2
EMS:RR65-18-00DPL2 Antenna Worksheet (150 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	185	**Frequency (MHz):**	1950	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (µW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.02	0.9954	31162.11	31162.06	0.000017	0.000002	58244915
1.0	-0.20	0.9550	3116.37	3115.89	0.001717	0.000172	582507
2.0	-1.00	0.7943	1558.42	1557.47	0.006865	0.000686	145671
3.0	-2.30	0.5888	1039.21	1037.79	0.015438	0.001544	64775
4.0	-4.50	0.3548	779.69	777.79	0.027426	0.002743	36462
5.0	-7.50	0.1778	624.03	621.66	0.042813	0.004281	23357
6.0	-12.60	0.0550	520.32	517.47	0.058971	0.005897	16957
7.0	-21.90	0.0065	446.28	442.96	0.067404	0.006740	14835
8.0	-26.70	0.0021	390.79	386.99	0.066326	0.006633	15076
9.0	-18.90	0.0129	347.67	343.39	0.051961	0.005196	19245
10.0	-17.80	0.0166	313.21	308.45	0.033424	0.003342	29918
12.0	-22.00	0.0063	261.59	255.88	0.005143	0.000514	194445
14.0	-32.40	0.0006	224.82	218.14	0.006953	0.000695	143831
16.0	-19.60	0.0110	197.32	189.67	0.008263	0.000826	121014
18.0	-19.00	0.0126	176.00	167.39	0.009293	0.000929	107607
20.0	-24.40	0.0036	159.02	149.43	0.011366	0.001137	87983
22.0	-29.90	0.0010	145.19	134.62	0.013595	0.001360	73555
24.0	-23.90	0.0041	133.72	122.16	0.010136	0.001014	98655
26.0	-25.80	0.0026	124.07	111.51	0.005995	0.000599	166818
28.0	-36.50	0.0002	115.85	102.29	0.009684	0.000968	103264
30.0	-25.40	0.0029	108.78	94.20	0.010936	0.001094	91437
32.0	-22.30	0.0059	102.63	87.04	0.012246	0.001225	81658
34.0	-24.90	0.0032	97.26	80.63	0.013559	0.001356	73750
36.0	-32.70	0.0005	92.53	74.86	0.020208	0.002021	49485
38.0	-25.40	0.0029	88.34	69.61	0.026798	0.002680	37316
40.0	-20.90	0.0081	84.61	64.82	0.029083	0.002908	34383
42.0	-20.00	0.0100	81.28	60.40	0.031298	0.003130	31950
44.0	-22.00	0.0063	78.29	56.32	0.033541	0.003354	29814
46.0	-26.50	0.0022	75.61	52.52	0.035809	0.003581	27926
48.0	-27.50	0.0018	73.19	48.97	0.033233	0.003323	30090
50.0	-23.50	0.0045	71.00	45.64	0.024244	0.002424	41247
52.0	-22.30	0.0059	69.02	42.49	0.025475	0.002548	39253
54.0	-23.00	0.0050	67.23	39.52	0.026835	0.002684	37264
56.0	-26.00	0.0025	65.60	36.69	0.027842	0.002784	35917
58.0	-30.20	0.0010	64.13	33.99	0.028309	0.002831	35324
60.0	-35.30	0.0003	62.80	31.40	0.019107	0.001911	52336
62.0	-29.70	0.0011	61.60	28.92	0.015530	0.001553	64391
64.0	-26.40	0.0023	60.51	26.53	0.016187	0.001619	61779
66.0	-25.50	0.0028	59.54	24.22	0.016713	0.001671	59833
68.0	-25.70	0.0027	58.66	21.97	0.016945	0.001695	59012
70.0	-26.70	0.0021	57.88	19.80	0.017397	0.001740	57480
72.0	-29.00	0.0013	57.19	17.67	0.017520	0.001752	57078
74.0	-29.00	0.0013	56.58	15.60	0.014882	0.001488	67195
76.0	-29.20	0.0012	56.05	13.56	0.010690	0.001069	93543
78.0	-29.40	0.0011	55.60	11.56	0.008485	0.000848	117857
80.0	-29.80	0.0010	55.23	9.59	0.008169	0.000817	122407
82.0	-29.30	0.0012	54.92	7.64	0.008986	0.000899	111279
84.0	-29.20	0.0012	54.69	5.72	0.009120	0.000912	109650
86.0	-28.60	0.0014	54.52	3.80	0.009116	0.000912	109695
88.0	-29.50	0.0011	54.42	1.90	0.009044	0.000904	110565
90.0	-31.60	0.0007	54.39	0.00	0.008803	0.000880	113599

Sprint-Nextel
Milford CT 2
EMS:RR65-18-00DPL2 Antenna Worksheet (280 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	185	**Frequency (MHz):**	1950	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.02	0.9954	31162.11	31162.06	0.000017	0.000002	58244915
1.0	-0.20	0.9550	3116.37	3115.89	0.001717	0.000172	582507
2.0	-1.00	0.7943	1558.42	1557.47	0.006865	0.000686	145671
3.0	-2.30	0.5888	1039.21	1037.79	0.015438	0.001544	64775
4.0	-4.50	0.3548	779.69	777.79	0.027426	0.002743	36462
5.0	-7.50	0.1778	624.03	621.66	0.042813	0.004281	23357
6.0	-12.60	0.0550	520.32	517.47	0.058971	0.005897	16957
7.0	-21.90	0.0065	446.28	442.96	0.067404	0.006740	14835
8.0	-26.70	0.0021	390.79	386.99	0.066326	0.006633	15076
9.0	-18.90	0.0129	347.67	343.39	0.052027	0.005203	19220
10.0	-17.80	0.0166	313.21	308.45	0.033424	0.003342	29918
12.0	-22.00	0.0063	261.59	255.88	0.005143	0.000514	194444
14.0	-32.40	0.0006	224.82	218.14	0.006953	0.000695	143831
16.0	-19.60	0.0110	197.32	189.67	0.008263	0.000826	121014
18.0	-19.00	0.0126	176.00	167.39	0.009293	0.000929	107607
20.0	-24.40	0.0036	159.02	149.43	0.011366	0.001137	87983
22.0	-29.90	0.0010	145.19	134.62	0.013595	0.001360	73555
24.0	-23.90	0.0041	133.72	122.16	0.010136	0.001014	98655
26.0	-25.80	0.0026	124.07	111.51	0.005995	0.000599	166818
28.0	-36.50	0.0002	115.85	102.29	0.009696	0.000970	103132
30.0	-25.40	0.0029	108.78	94.20	0.010950	0.001095	91321
32.0	-22.30	0.0059	102.63	87.04	0.012231	0.001223	81762
34.0	-24.90	0.0032	97.26	80.63	0.013559	0.001356	73750
36.0	-32.70	0.0005	92.53	74.86	0.020208	0.002021	49485
38.0	-25.40	0.0029	88.34	69.61	0.026798	0.002680	37316
40.0	-20.90	0.0081	84.61	64.82	0.029083	0.002908	34383
42.0	-20.00	0.0100	81.28	60.40	0.031338	0.003134	31910
44.0	-22.00	0.0063	78.29	56.32	0.033541	0.003354	29814
46.0	-26.50	0.0022	75.61	52.52	0.035809	0.003581	27926
48.0	-27.50	0.0018	73.19	48.97	0.033233	0.003323	30090
50.0	-23.50	0.0045	71.00	45.64	0.024368	0.002437	41037
52.0	-22.30	0.0059	69.02	42.49	0.025606	0.002561	39053
54.0	-23.00	0.0050	67.23	39.52	0.026835	0.002684	37264
56.0	-26.00	0.0025	65.60	36.69	0.027984	0.002798	35734
58.0	-30.20	0.0010	64.13	33.99	0.028490	0.002849	35099
60.0	-35.30	0.0003	62.80	31.40	0.019107	0.001911	52336
62.0	-29.70	0.0011	61.60	28.92	0.015412	0.001541	64885
64.0	-26.40	0.0023	60.51	26.53	0.016332	0.001633	61230
66.0	-25.50	0.0028	59.54	24.22	0.016713	0.001671	59833
68.0	-25.70	0.0027	58.66	21.97	0.017076	0.001708	58563
70.0	-26.70	0.0021	57.88	19.80	0.017243	0.001724	57995
72.0	-29.00	0.0013	57.19	17.67	0.017520	0.001752	57078
74.0	-29.00	0.0013	56.58	15.60	0.014996	0.001500	66683
76.0	-29.20	0.0012	56.05	13.56	0.010595	0.001060	94381
78.0	-29.40	0.0011	55.60	11.56	0.008485	0.000848	117857
80.0	-29.80	0.0010	55.23	9.59	0.008169	0.000817	122407
82.0	-29.30	0.0012	54.92	7.64	0.009125	0.000912	109590
84.0	-29.20	0.0012	54.69	5.72	0.008959	0.000896	111624
86.0	-28.60	0.0014	54.52	3.80	0.008921	0.000892	112097
88.0	-29.50	0.0011	54.42	1.90	0.009044	0.000904	110565
90.0	-31.60	0.0007	54.39	0.00	0.008797	0.000880	113675

Sprint-Nextel
Milford CT 2
ANDREW:DB844G45VTZASX Antenna Worksheet (30 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	0.9998	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.01	0.9977	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.07	0.9840	1558.42	1557.47	0.002293	0.000399	250636
3.0	-0.22	0.9506	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.46	0.8995	779.69	777.79	0.009139	0.001590	62880
5.0	-0.76	0.8395	624.03	621.66	0.014300	0.002488	40187
6.0	-1.17	0.7638	520.32	517.47	0.020521	0.003571	28003
7.0	-1.68	0.6792	446.28	442.96	0.027531	0.004791	20873
8.0	-2.27	0.5929	390.79	386.99	0.034752	0.006047	16536
9.0	-2.99	0.5023	347.67	343.39	0.041656	0.007249	13795
10.0	-3.78	0.4188	313.21	308.45	0.048005	0.008354	11970
12.0	-5.82	0.2618	261.59	255.88	0.056381	0.009811	10192
14.0	-8.50	0.1413	224.82	218.14	0.057206	0.009955	10045
16.0	-12.15	0.0610	197.32	189.67	0.050673	0.008818	11340
18.0	-17.68	0.0171	176.00	167.39	0.038593	0.006716	14890
20.0	-25.63	0.0027	159.02	149.43	0.023548	0.004098	24404
22.0	-22.43	0.0057	145.19	134.62	0.010856	0.001889	52936
24.0	-17.90	0.0162	133.72	122.16	0.011691	0.002034	49153
26.0	-15.80	0.0263	124.07	111.51	0.013733	0.002390	41846
28.0	-15.01	0.0316	115.85	102.29	0.015649	0.002723	36722
30.0	-14.94	0.0321	108.78	94.20	0.017618	0.003066	32618
32.0	-15.57	0.0277	102.63	87.04	0.019769	0.003440	29068
34.0	-16.68	0.0215	97.26	80.63	0.021663	0.003770	26527
36.0	-18.36	0.0146	92.53	74.86	0.022466	0.003909	25579
38.0	-20.52	0.0089	88.34	69.61	0.020154	0.003507	28513
40.0	-23.62	0.0043	84.61	64.82	0.015690	0.002730	36626
42.0	-26.90	0.0020	81.28	60.40	0.011295	0.001966	50876
44.0	-31.14	0.0008	78.29	56.32	0.007012	0.001220	81957
46.0	-34.63	0.0003	75.61	52.52	0.003737	0.000650	153767
48.0	-34.47	0.0004	73.19	48.97	0.001560	0.000272	368280
50.0	-33.32	0.0005	71.00	45.64	0.001011	0.000176	568191
52.0	-31.79	0.0007	69.02	42.49	0.001052	0.000183	546202
54.0	-31.56	0.0007	67.23	39.52	0.001104	0.000192	520447
56.0	-31.76	0.0007	65.60	36.69	0.001119	0.000195	513730
58.0	-32.01	0.0006	64.13	33.99	0.001144	0.000199	502317
60.0	-33.08	0.0005	62.80	31.40	0.001172	0.000204	490260
62.0	-35.00	0.0003	61.60	28.92	0.001161	0.000202	495093
64.0	-36.86	0.0002	60.51	26.53	0.001014	0.000176	566888
66.0	-39.38	0.0001	59.54	24.22	0.000703	0.000122	817430
68.0	-40.00	0.0001	58.66	21.97	0.000516	0.000090	1112712
70.0	-40.00	0.0001	57.88	19.80	0.000326	0.000057	1763072
72.0	-40.00	0.0001	57.19	17.67	0.000207	0.000036	2774909
74.0	-40.00	0.0001	56.58	15.60	0.000213	0.000037	2703558
76.0	-40.00	0.0001	56.05	13.56	0.000222	0.000039	2584881
78.0	-40.00	0.0001	55.60	11.56	0.000227	0.000039	2534485
80.0	-40.00	0.0001	55.23	9.59	0.000263	0.000046	2181180
82.0	-40.00	0.0001	54.92	7.64	0.000260	0.000045	2210559
84.0	-39.37	0.0001	54.69	5.72	0.000304	0.000053	1890428
86.0	-40.00	0.0001	54.52	3.80	0.000384	0.000067	1495641
88.0	-39.07	0.0001	54.42	1.90	0.000386	0.000067	1490349
90.0	-37.77	0.0002	54.39	0.00	0.000413	0.000072	1392334

Sprint-Nextel
Milford CT 2
ANDREW:DB844G45VTZASX Antenna Worksheet (30 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	0.9998	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.01	0.9977	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.07	0.9840	1558.42	1557.47	0.002293	0.000399	250636
3.0	-0.22	0.9506	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.46	0.8995	779.69	777.79	0.009139	0.001590	62880
5.0	-0.76	0.8395	624.03	621.66	0.014300	0.002488	40187
6.0	-1.17	0.7638	520.32	517.47	0.020521	0.003571	28003
7.0	-1.68	0.6792	446.28	442.96	0.027531	0.004791	20873
8.0	-2.27	0.5929	390.79	386.99	0.034752	0.006047	16536
9.0	-2.99	0.5023	347.67	343.39	0.041656	0.007249	13795
10.0	-3.78	0.4188	313.21	308.45	0.048005	0.008354	11970
12.0	-5.82	0.2618	261.59	255.88	0.056381	0.009811	10192
14.0	-8.50	0.1413	224.82	218.14	0.057206	0.009955	10045
16.0	-12.15	0.0610	197.32	189.67	0.050673	0.008818	11340
18.0	-17.68	0.0171	176.00	167.39	0.038593	0.006716	14890
20.0	-25.63	0.0027	159.02	149.43	0.023548	0.004098	24404
22.0	-22.43	0.0057	145.19	134.62	0.010856	0.001889	52936
24.0	-17.90	0.0162	133.72	122.16	0.011691	0.002034	49153
26.0	-15.80	0.0263	124.07	111.51	0.013733	0.002390	41846
28.0	-15.01	0.0316	115.85	102.29	0.015649	0.002723	36722
30.0	-14.94	0.0321	108.78	94.20	0.017618	0.003066	32618
32.0	-15.57	0.0277	102.63	87.04	0.019769	0.003440	29068
34.0	-16.68	0.0215	97.26	80.63	0.021663	0.003770	26527
36.0	-18.36	0.0146	92.53	74.86	0.022466	0.003909	25579
38.0	-20.52	0.0089	88.34	69.61	0.020154	0.003507	28513
40.0	-23.62	0.0043	84.61	64.82	0.015690	0.002730	36626
42.0	-26.90	0.0020	81.28	60.40	0.011295	0.001966	50876
44.0	-31.14	0.0008	78.29	56.32	0.007012	0.001220	81957
46.0	-34.63	0.0003	75.61	52.52	0.003737	0.000650	153767
48.0	-34.47	0.0004	73.19	48.97	0.001560	0.000272	368280
50.0	-33.32	0.0005	71.00	45.64	0.001011	0.000176	568191
52.0	-31.79	0.0007	69.02	42.49	0.001052	0.000183	546202
54.0	-31.56	0.0007	67.23	39.52	0.001104	0.000192	520447
56.0	-31.76	0.0007	65.60	36.69	0.001119	0.000195	513730
58.0	-32.01	0.0006	64.13	33.99	0.001144	0.000199	502317
60.0	-33.08	0.0005	62.80	31.40	0.001172	0.000204	490260
62.0	-35.00	0.0003	61.60	28.92	0.001161	0.000202	495093
64.0	-36.86	0.0002	60.51	26.53	0.001014	0.000176	566888
66.0	-39.38	0.0001	59.54	24.22	0.000703	0.000122	817430
68.0	-40.00	0.0001	58.66	21.97	0.000516	0.000090	1112712
70.0	-40.00	0.0001	57.88	19.80	0.000326	0.000057	1763072
72.0	-40.00	0.0001	57.19	17.67	0.000207	0.000036	2774909
74.0	-40.00	0.0001	56.58	15.60	0.000213	0.000037	2703558
76.0	-40.00	0.0001	56.05	13.56	0.000222	0.000039	2584881
78.0	-40.00	0.0001	55.60	11.56	0.000227	0.000039	2534485
80.0	-40.00	0.0001	55.23	9.59	0.000263	0.000046	2181180
82.0	-40.00	0.0001	54.92	7.64	0.000260	0.000045	2210559
84.0	-39.37	0.0001	54.69	5.72	0.000304	0.000053	1890428
86.0	-40.00	0.0001	54.52	3.80	0.000384	0.000067	1495641
88.0	-39.07	0.0001	54.42	1.90	0.000386	0.000067	1490349
90.0	-37.77	0.0002	54.39	0.00	0.000413	0.000072	1392334

Sprint-Nextel
Milford CT 2
ANDREW:DB844G45VTZASX Antenna Worksheet (30 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	0.9998	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.01	0.9977	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.07	0.9840	1558.42	1557.47	0.002293	0.000399	250636
3.0	-0.22	0.9506	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.46	0.8995	779.69	777.79	0.009139	0.001590	62880
5.0	-0.76	0.8395	624.03	621.66	0.014300	0.002488	40187
6.0	-1.17	0.7638	520.32	517.47	0.020521	0.003571	28003
7.0	-1.68	0.6792	446.28	442.96	0.027531	0.004791	20873
8.0	-2.27	0.5929	390.79	386.99	0.034752	0.006047	16536
9.0	-2.99	0.5023	347.67	343.39	0.041656	0.007249	13795
10.0	-3.78	0.4188	313.21	308.45	0.048005	0.008354	11970
12.0	-5.82	0.2618	261.59	255.88	0.056381	0.009811	10192
14.0	-8.50	0.1413	224.82	218.14	0.057206	0.009955	10045
16.0	-12.15	0.0610	197.32	189.67	0.050673	0.008818	11340
18.0	-17.68	0.0171	176.00	167.39	0.038593	0.006716	14890
20.0	-25.63	0.0027	159.02	149.43	0.023548	0.004098	24404
22.0	-22.43	0.0057	145.19	134.62	0.010856	0.001889	52936
24.0	-17.90	0.0162	133.72	122.16	0.011691	0.002034	49153
26.0	-15.80	0.0263	124.07	111.51	0.013733	0.002390	41846
28.0	-15.01	0.0316	115.85	102.29	0.015649	0.002723	36722
30.0	-14.94	0.0321	108.78	94.20	0.017618	0.003066	32618
32.0	-15.57	0.0277	102.63	87.04	0.019769	0.003440	29068
34.0	-16.68	0.0215	97.26	80.63	0.021663	0.003770	26527
36.0	-18.36	0.0146	92.53	74.86	0.022466	0.003909	25579
38.0	-20.52	0.0089	88.34	69.61	0.020154	0.003507	28513
40.0	-23.62	0.0043	84.61	64.82	0.015690	0.002730	36626
42.0	-26.90	0.0020	81.28	60.40	0.011295	0.001966	50876
44.0	-31.14	0.0008	78.29	56.32	0.007012	0.001220	81957
46.0	-34.63	0.0003	75.61	52.52	0.003737	0.000650	153767
48.0	-34.47	0.0004	73.19	48.97	0.001560	0.000272	368280
50.0	-33.32	0.0005	71.00	45.64	0.001011	0.000176	568191
52.0	-31.79	0.0007	69.02	42.49	0.001052	0.000183	546202
54.0	-31.56	0.0007	67.23	39.52	0.001104	0.000192	520447
56.0	-31.76	0.0007	65.60	36.69	0.001119	0.000195	513730
58.0	-32.01	0.0006	64.13	33.99	0.001144	0.000199	502317
60.0	-33.08	0.0005	62.80	31.40	0.001172	0.000204	490260
62.0	-35.00	0.0003	61.60	28.92	0.001161	0.000202	495093
64.0	-36.86	0.0002	60.51	26.53	0.001014	0.000176	566888
66.0	-39.38	0.0001	59.54	24.22	0.000703	0.000122	817430
68.0	-40.00	0.0001	58.66	21.97	0.000516	0.000090	1112712
70.0	-40.00	0.0001	57.88	19.80	0.000326	0.000057	1763072
72.0	-40.00	0.0001	57.19	17.67	0.000207	0.000036	2774909
74.0	-40.00	0.0001	56.58	15.60	0.000213	0.000037	2703558
76.0	-40.00	0.0001	56.05	13.56	0.000222	0.000039	2584881
78.0	-40.00	0.0001	55.60	11.56	0.000227	0.000039	2534485
80.0	-40.00	0.0001	55.23	9.59	0.000263	0.000046	2181180
82.0	-40.00	0.0001	54.92	7.64	0.000260	0.000045	2210559
84.0	-39.37	0.0001	54.69	5.72	0.000304	0.000053	1890428
86.0	-40.00	0.0001	54.52	3.80	0.000384	0.000067	1495641
88.0	-39.07	0.0001	54.42	1.90	0.000386	0.000067	1490349
90.0	-37.77	0.0002	54.39	0.00	0.000413	0.000072	1392334

Sprint-Nextel
Milford CT 2
ANDREW:DB844H90E-XY Antenna Worksheet (150 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.10	0.9772	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.30	0.9333	1558.42	1557.47	0.002293	0.000399	250636
3.0	-0.60	0.8710	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.90	0.8128	779.69	777.79	0.009160	0.001594	62735
5.0	-1.40	0.7244	624.03	621.66	0.014300	0.002488	40187
6.0	-2.00	0.6310	520.32	517.47	0.020102	0.003498	28587
7.0	-2.70	0.5370	446.28	442.96	0.026200	0.004559	21934
8.0	-3.50	0.4467	390.79	386.99	0.032018	0.005572	17948
9.0	-4.40	0.3631	347.67	343.39	0.037858	0.006588	15179
10.0	-5.50	0.2818	313.21	308.45	0.041859	0.007284	13728
12.0	-8.50	0.1413	261.59	255.88	0.045276	0.007879	12692
14.0	-12.60	0.0550	224.82	218.14	0.042356	0.007370	13567
16.0	-18.40	0.0145	197.32	189.67	0.032643	0.005680	17604
18.0	-18.60	0.0138	176.00	167.39	0.018802	0.003272	30564
20.0	-14.30	0.0372	159.02	149.43	0.025631	0.004460	22420
22.0	-11.40	0.0724	145.19	134.62	0.035779	0.006226	16061
24.0	-9.90	0.1023	133.72	122.16	0.042986	0.007480	13368
26.0	-9.20	0.1202	124.07	111.51	0.049796	0.008665	11540
28.0	-9.10	0.1230	115.85	102.29	0.057027	0.009923	10077
30.0	-9.40	0.1148	108.78	94.20	0.064506	0.011225	8908
32.0	-10.10	0.0977	102.63	87.04	0.072440	0.012606	7933
34.0	-11.10	0.0776	97.26	80.63	0.078613	0.013680	7310
36.0	-12.60	0.0550	92.53	74.86	0.077911	0.013558	7375
38.0	-14.30	0.0372	88.34	69.61	0.069938	0.012170	8216
40.0	-16.50	0.0224	84.61	64.82	0.058594	0.010196	9807
42.0	-19.00	0.0126	81.28	60.40	0.044797	0.007795	12828
44.0	-21.70	0.0068	78.29	56.32	0.031147	0.005420	18449
46.0	-24.50	0.0035	75.61	52.52	0.020264	0.003526	28358
48.0	-26.90	0.0020	73.19	48.97	0.011952	0.002080	48079
50.0	-28.70	0.0013	71.00	45.64	0.007348	0.001279	78207
52.0	-29.40	0.0011	69.02	42.49	0.004214	0.000733	136363
54.0	-30.00	0.0010	67.23	39.52	0.002753	0.000479	208765
56.0	-30.60	0.0009	65.60	36.69	0.002254	0.000392	254914
58.0	-31.90	0.0006	64.13	33.99	0.001934	0.000336	297201
60.0	-32.00	0.0006	62.80	31.40	0.001766	0.000307	325333
62.0	-32.90	0.0005	61.60	28.92	0.001673	0.000291	343403
64.0	-34.00	0.0004	60.51	26.53	0.001354	0.000236	424426
66.0	-34.20	0.0004	59.54	24.22	0.001224	0.000213	469579
68.0	-35.20	0.0003	58.66	21.97	0.001075	0.000187	534534
70.0	-36.20	0.0002	57.88	19.80	0.000904	0.000157	635680
72.0	-37.90	0.0002	57.19	17.67	0.000789	0.000137	728569
74.0	-40.00	0.0001	56.58	15.60	0.000604	0.000105	951484
76.0	-40.00	0.0001	56.05	13.56	0.000550	0.000096	1044296
78.0	-40.00	0.0001	55.60	11.56	0.000295	0.000051	1946210
80.0	-40.00	0.0001	55.23	9.59	0.000469	0.000082	1226007
82.0	-40.00	0.0001	54.92	7.64	0.000682	0.000119	842377
84.0	-37.50	0.0002	54.69	5.72	0.001010	0.000176	569142
86.0	-35.80	0.0003	54.52	3.80	0.001282	0.000223	448252
88.0	-34.00	0.0004	54.42	1.90	0.001455	0.000253	395030
90.0	-32.90	0.0005	54.39	0.00	0.001799	0.000313	319521

Sprint-Nextel
Milford CT 2
ANDREW:DB844H90E-XY Antenna Worksheet (150 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (µW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.10	0.9772	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.30	0.9333	1558.42	1557.47	0.002293	0.000399	250636
3.0	-0.60	0.8710	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.90	0.8128	779.69	777.79	0.009160	0.001594	62735
5.0	-1.40	0.7244	624.03	621.66	0.014300	0.002488	40187
6.0	-2.00	0.6310	520.32	517.47	0.020102	0.003498	28587
7.0	-2.70	0.5370	446.28	442.96	0.026200	0.004559	21934
8.0	-3.50	0.4467	390.79	386.99	0.032018	0.005572	17948
9.0	-4.40	0.3631	347.67	343.39	0.037858	0.006588	15179
10.0	-5.50	0.2818	313.21	308.45	0.041859	0.007284	13728
12.0	-8.50	0.1413	261.59	255.88	0.045276	0.007879	12692
14.0	-12.60	0.0550	224.82	218.14	0.042356	0.007370	13567
16.0	-18.40	0.0145	197.32	189.67	0.032643	0.005680	17604
18.0	-18.60	0.0138	176.00	167.39	0.018802	0.003272	30564
20.0	-14.30	0.0372	159.02	149.43	0.025631	0.004460	22420
22.0	-11.40	0.0724	145.19	134.62	0.035779	0.006226	16061
24.0	-9.90	0.1023	133.72	122.16	0.042986	0.007480	13368
26.0	-9.20	0.1202	124.07	111.51	0.049796	0.008665	11540
28.0	-9.10	0.1230	115.85	102.29	0.057027	0.009923	10077
30.0	-9.40	0.1148	108.78	94.20	0.064506	0.011225	8908
32.0	-10.10	0.0977	102.63	87.04	0.072440	0.012606	7933
34.0	-11.10	0.0776	97.26	80.63	0.078613	0.013680	7310
36.0	-12.60	0.0550	92.53	74.86	0.077911	0.013558	7375
38.0	-14.30	0.0372	88.34	69.61	0.069938	0.012170	8216
40.0	-16.50	0.0224	84.61	64.82	0.058594	0.010196	9807
42.0	-19.00	0.0126	81.28	60.40	0.044797	0.007795	12828
44.0	-21.70	0.0068	78.29	56.32	0.031147	0.005420	18449
46.0	-24.50	0.0035	75.61	52.52	0.020264	0.003526	28358
48.0	-26.90	0.0020	73.19	48.97	0.011952	0.002080	48079
50.0	-28.70	0.0013	71.00	45.64	0.007348	0.001279	78207
52.0	-29.40	0.0011	69.02	42.49	0.004214	0.000733	136363
54.0	-30.00	0.0010	67.23	39.52	0.002753	0.000479	208765
56.0	-30.60	0.0009	65.60	36.69	0.002254	0.000392	254914
58.0	-31.90	0.0006	64.13	33.99	0.001934	0.000336	297201
60.0	-32.00	0.0006	62.80	31.40	0.001766	0.000307	325333
62.0	-32.90	0.0005	61.60	28.92	0.001673	0.000291	343403
64.0	-34.00	0.0004	60.51	26.53	0.001354	0.000236	424426
66.0	-34.20	0.0004	59.54	24.22	0.001224	0.000213	469579
68.0	-35.20	0.0003	58.66	21.97	0.001075	0.000187	534534
70.0	-36.20	0.0002	57.88	19.80	0.000904	0.000157	635680
72.0	-37.90	0.0002	57.19	17.67	0.000789	0.000137	728569
74.0	-40.00	0.0001	56.58	15.60	0.000604	0.000105	951484
76.0	-40.00	0.0001	56.05	13.56	0.000550	0.000096	1044296
78.0	-40.00	0.0001	55.60	11.56	0.000295	0.000051	1946210
80.0	-40.00	0.0001	55.23	9.59	0.000469	0.000082	1226007
82.0	-40.00	0.0001	54.92	7.64	0.000682	0.000119	842377
84.0	-37.50	0.0002	54.69	5.72	0.001010	0.000176	569142
86.0	-35.80	0.0003	54.52	3.80	0.001282	0.000223	448252
88.0	-34.00	0.0004	54.42	1.90	0.001455	0.000253	395030
90.0	-32.90	0.0005	54.39	0.00	0.001799	0.000313	319521

Sprint-Nextel
Milford CT 2
ANDREW:DB844H90E-XY Antenna Worksheet (150 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.10	0.9772	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.30	0.9333	1558.42	1557.47	0.002293	0.000399	250636
3.0	-0.60	0.8710	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.90	0.8128	779.69	777.79	0.009160	0.001594	62735
5.0	-1.40	0.7244	624.03	621.66	0.014300	0.002488	40187
6.0	-2.00	0.6310	520.32	517.47	0.020102	0.003498	28587
7.0	-2.70	0.5370	446.28	442.96	0.026200	0.004559	21934
8.0	-3.50	0.4467	390.79	386.99	0.032018	0.005572	17948
9.0	-4.40	0.3631	347.67	343.39	0.037858	0.006588	15179
10.0	-5.50	0.2818	313.21	308.45	0.041859	0.007284	13728
12.0	-8.50	0.1413	261.59	255.88	0.045276	0.007879	12692
14.0	-12.60	0.0550	224.82	218.14	0.042356	0.007370	13567
16.0	-18.40	0.0145	197.32	189.67	0.032643	0.005680	17604
18.0	-18.60	0.0138	176.00	167.39	0.018802	0.003272	30564
20.0	-14.30	0.0372	159.02	149.43	0.025631	0.004460	22420
22.0	-11.40	0.0724	145.19	134.62	0.035779	0.006226	16061
24.0	-9.90	0.1023	133.72	122.16	0.042986	0.007480	13368
26.0	-9.20	0.1202	124.07	111.51	0.049796	0.008665	11540
28.0	-9.10	0.1230	115.85	102.29	0.057027	0.009923	10077
30.0	-9.40	0.1148	108.78	94.20	0.064506	0.011225	8908
32.0	-10.10	0.0977	102.63	87.04	0.072440	0.012606	7933
34.0	-11.10	0.0776	97.26	80.63	0.078613	0.013680	7310
36.0	-12.60	0.0550	92.53	74.86	0.077911	0.013558	7375
38.0	-14.30	0.0372	88.34	69.61	0.069938	0.012170	8216
40.0	-16.50	0.0224	84.61	64.82	0.058594	0.010196	9807
42.0	-19.00	0.0126	81.28	60.40	0.044797	0.007795	12828
44.0	-21.70	0.0068	78.29	56.32	0.031147	0.005420	18449
46.0	-24.50	0.0035	75.61	52.52	0.020264	0.003526	28358
48.0	-26.90	0.0020	73.19	48.97	0.011952	0.002080	48079
50.0	-28.70	0.0013	71.00	45.64	0.007348	0.001279	78207
52.0	-29.40	0.0011	69.02	42.49	0.004214	0.000733	136363
54.0	-30.00	0.0010	67.23	39.52	0.002753	0.000479	208765
56.0	-30.60	0.0009	65.60	36.69	0.002254	0.000392	254914
58.0	-31.90	0.0006	64.13	33.99	0.001934	0.000336	297201
60.0	-32.00	0.0006	62.80	31.40	0.001766	0.000307	325333
62.0	-32.90	0.0005	61.60	28.92	0.001673	0.000291	343403
64.0	-34.00	0.0004	60.51	26.53	0.001354	0.000236	424426
66.0	-34.20	0.0004	59.54	24.22	0.001224	0.000213	469579
68.0	-35.20	0.0003	58.66	21.97	0.001075	0.000187	534534
70.0	-36.20	0.0002	57.88	19.80	0.000904	0.000157	635680
72.0	-37.90	0.0002	57.19	17.67	0.000789	0.000137	728569
74.0	-40.00	0.0001	56.58	15.60	0.000604	0.000105	951484
76.0	-40.00	0.0001	56.05	13.56	0.000550	0.000096	1044296
78.0	-40.00	0.0001	55.60	11.56	0.000295	0.000051	1946210
80.0	-40.00	0.0001	55.23	9.59	0.000469	0.000082	1226007
82.0	-40.00	0.0001	54.92	7.64	0.000682	0.000119	842377
84.0	-37.50	0.0002	54.69	5.72	0.001010	0.000176	569142
86.0	-35.80	0.0003	54.52	3.80	0.001282	0.000223	448252
88.0	-34.00	0.0004	54.42	1.90	0.001455	0.000253	395030
90.0	-32.90	0.0005	54.39	0.00	0.001799	0.000313	319521

Sprint-Nextel
Milford CT 2
ANDREW:DB844H90E-XY Antenna Worksheet (280 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.10	0.9772	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.30	0.9333	1558.42	1557.47	0.002293	0.000399	250635
3.0	-0.60	0.8710	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.90	0.8128	779.69	777.79	0.009160	0.001594	62735
5.0	-1.40	0.7244	624.03	621.66	0.014300	0.002488	40187
6.0	-2.00	0.6310	520.32	517.47	0.020128	0.003503	28551
7.0	-2.70	0.5370	446.28	442.96	0.026200	0.004559	21934
8.0	-3.50	0.4467	390.79	386.99	0.031977	0.005564	17971
9.0	-4.40	0.3631	347.67	343.39	0.037858	0.006588	15179
10.0	-5.50	0.2818	313.21	308.45	0.041859	0.007284	13728
12.0	-8.50	0.1413	261.59	255.88	0.045218	0.007869	12708
14.0	-12.60	0.0550	224.82	218.14	0.042356	0.007370	13567
16.0	-18.40	0.0145	197.32	189.67	0.032643	0.005680	17604
18.0	-18.60	0.0138	176.00	167.39	0.018802	0.003272	30564
20.0	-14.30	0.0372	159.02	149.43	0.025631	0.004460	22420
22.0	-11.40	0.0724	145.19	134.62	0.035779	0.006226	16061
24.0	-9.90	0.1023	133.72	122.16	0.042986	0.007480	13368
26.0	-9.20	0.1202	124.07	111.51	0.049796	0.008665	11540
28.0	-9.10	0.1230	115.85	102.29	0.057172	0.009949	10051
30.0	-9.40	0.1148	108.78	94.20	0.064670	0.011254	8886
32.0	-10.10	0.0977	102.63	87.04	0.072255	0.012573	7953
34.0	-11.10	0.0776	97.26	80.63	0.078613	0.013680	7310
36.0	-12.60	0.0550	92.53	74.86	0.077911	0.013558	7375
38.0	-14.30	0.0372	88.34	69.61	0.069938	0.012170	8216
40.0	-16.50	0.0224	84.61	64.82	0.058743	0.010222	9782
42.0	-19.00	0.0126	81.28	60.40	0.044854	0.007805	12812
44.0	-21.70	0.0068	78.29	56.32	0.031147	0.005420	18449
46.0	-24.50	0.0035	75.61	52.52	0.020264	0.003526	28358
48.0	-26.90	0.0020	73.19	48.97	0.011952	0.002080	48079
50.0	-28.70	0.0013	71.00	45.64	0.007367	0.001282	78008
52.0	-29.40	0.0011	69.02	42.49	0.004225	0.000735	136016
54.0	-30.00	0.0010	67.23	39.52	0.002753	0.000479	208765
56.0	-30.60	0.0009	65.60	36.69	0.002263	0.000394	253942
58.0	-31.90	0.0006	64.13	33.99	0.001939	0.000337	296445
60.0	-32.00	0.0006	62.80	31.40	0.001766	0.000307	325333
62.0	-32.90	0.0005	61.60	28.92	0.001667	0.000290	344719
64.0	-34.00	0.0004	60.51	26.53	0.001357	0.000236	423346
66.0	-34.20	0.0004	59.54	24.22	0.001224	0.000213	469579
68.0	-35.20	0.0003	58.66	21.97	0.001078	0.000188	533173
70.0	-36.20	0.0002	57.88	19.80	0.000903	0.000157	636491
72.0	-37.90	0.0002	57.19	17.67	0.000789	0.000137	728569
74.0	-40.00	0.0001	56.58	15.60	0.000605	0.000105	950273
76.0	-40.00	0.0001	56.05	13.56	0.000549	0.000096	1046960
78.0	-40.00	0.0001	55.60	11.56	0.000295	0.000051	1946210
80.0	-40.00	0.0001	55.23	9.59	0.000469	0.000082	1226007
82.0	-40.00	0.0001	54.92	7.64	0.000683	0.000119	841305
84.0	-37.50	0.0002	54.69	5.72	0.001010	0.000176	569142
86.0	-35.80	0.0003	54.52	3.80	0.001280	0.000223	448824
88.0	-34.00	0.0004	54.42	1.90	0.001455	0.000253	395030
90.0	-32.90	0.0005	54.39	0.00	0.001798	0.000313	319649

Sprint-Nextel
Milford CT 2
ANDREW:DB844H90E-XY Antenna Worksheet (280 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.10	0.9772	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.30	0.9333	1558.42	1557.47	0.002293	0.000399	250635
3.0	-0.60	0.8710	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.90	0.8128	779.69	777.79	0.009160	0.001594	62735
5.0	-1.40	0.7244	624.03	621.66	0.014300	0.002488	40187
6.0	-2.00	0.6310	520.32	517.47	0.020128	0.003503	28551
7.0	-2.70	0.5370	446.28	442.96	0.026200	0.004559	21934
8.0	-3.50	0.4467	390.79	386.99	0.031977	0.005564	17971
9.0	-4.40	0.3631	347.67	343.39	0.037858	0.006588	15179
10.0	-5.50	0.2818	313.21	308.45	0.041859	0.007284	13728
12.0	-8.50	0.1413	261.59	255.88	0.045218	0.007869	12708
14.0	-12.60	0.0550	224.82	218.14	0.042356	0.007370	13567
16.0	-18.40	0.0145	197.32	189.67	0.032643	0.005680	17604
18.0	-18.60	0.0138	176.00	167.39	0.018802	0.003272	30564
20.0	-14.30	0.0372	159.02	149.43	0.025631	0.004460	22420
22.0	-11.40	0.0724	145.19	134.62	0.035779	0.006226	16061
24.0	-9.90	0.1023	133.72	122.16	0.042986	0.007480	13368
26.0	-9.20	0.1202	124.07	111.51	0.049796	0.008665	11540
28.0	-9.10	0.1230	115.85	102.29	0.057172	0.009949	10051
30.0	-9.40	0.1148	108.78	94.20	0.064670	0.011254	8886
32.0	-10.10	0.0977	102.63	87.04	0.072255	0.012573	7953
34.0	-11.10	0.0776	97.26	80.63	0.078613	0.013680	7310
36.0	-12.60	0.0550	92.53	74.86	0.077911	0.013558	7375
38.0	-14.30	0.0372	88.34	69.61	0.069938	0.012170	8216
40.0	-16.50	0.0224	84.61	64.82	0.058743	0.010222	9782
42.0	-19.00	0.0126	81.28	60.40	0.044854	0.007805	12812
44.0	-21.70	0.0068	78.29	56.32	0.031147	0.005420	18449
46.0	-24.50	0.0035	75.61	52.52	0.020264	0.003526	28358
48.0	-26.90	0.0020	73.19	48.97	0.011952	0.002080	48079
50.0	-28.70	0.0013	71.00	45.64	0.007367	0.001282	78008
52.0	-29.40	0.0011	69.02	42.49	0.004225	0.000735	136016
54.0	-30.00	0.0010	67.23	39.52	0.002753	0.000479	208765
56.0	-30.60	0.0009	65.60	36.69	0.002263	0.000394	253942
58.0	-31.90	0.0006	64.13	33.99	0.001939	0.000337	296445
60.0	-32.00	0.0006	62.80	31.40	0.001766	0.000307	325333
62.0	-32.90	0.0005	61.60	28.92	0.001667	0.000290	344719
64.0	-34.00	0.0004	60.51	26.53	0.001357	0.000236	423346
66.0	-34.20	0.0004	59.54	24.22	0.001224	0.000213	469579
68.0	-35.20	0.0003	58.66	21.97	0.001078	0.000188	533173
70.0	-36.20	0.0002	57.88	19.80	0.000903	0.000157	636491
72.0	-37.90	0.0002	57.19	17.67	0.000789	0.000137	728569
74.0	-40.00	0.0001	56.58	15.60	0.000605	0.000105	950273
76.0	-40.00	0.0001	56.05	13.56	0.000549	0.000096	1046960
78.0	-40.00	0.0001	55.60	11.56	0.000295	0.000051	1946210
80.0	-40.00	0.0001	55.23	9.59	0.000469	0.000082	1226007
82.0	-40.00	0.0001	54.92	7.64	0.000683	0.000119	841305
84.0	-37.50	0.0002	54.69	5.72	0.001010	0.000176	569142
86.0	-35.80	0.0003	54.52	3.80	0.001280	0.000223	448824
88.0	-34.00	0.0004	54.42	1.90	0.001455	0.000253	395030
90.0	-32.90	0.0005	54.39	0.00	0.001798	0.000313	319649

Sprint-Nextel
Milford CT 2
ANDREW:DB844H90E-XY Antenna Worksheet (280 Sector)

Maximum Permissible Exposure (MPE):				574.67			
ERP (Watts):	167	**Height (feet):**	185	**Frequency (MHz):**	862	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.11	31162.06	0.000006	0.000001	100213801
1.0	-0.10	0.9772	3116.37	3115.89	0.000573	0.000100	1002238
2.0	-0.30	0.9333	1558.42	1557.47	0.002293	0.000399	250635
3.0	-0.60	0.8710	1039.21	1037.79	0.005156	0.000897	111450
4.0	-0.90	0.8128	779.69	777.79	0.009160	0.001594	62735
5.0	-1.40	0.7244	624.03	621.66	0.014300	0.002488	40187
6.0	-2.00	0.6310	520.32	517.47	0.020128	0.003503	28551
7.0	-2.70	0.5370	446.28	442.96	0.026200	0.004559	21934
8.0	-3.50	0.4467	390.79	386.99	0.031977	0.005564	17971
9.0	-4.40	0.3631	347.67	343.39	0.037858	0.006588	15179
10.0	-5.50	0.2818	313.21	308.45	0.041859	0.007284	13728
12.0	-8.50	0.1413	261.59	255.88	0.045218	0.007869	12708
14.0	-12.60	0.0550	224.82	218.14	0.042356	0.007370	13567
16.0	-18.40	0.0145	197.32	189.67	0.032643	0.005680	17604
18.0	-18.60	0.0138	176.00	167.39	0.018802	0.003272	30564
20.0	-14.30	0.0372	159.02	149.43	0.025631	0.004460	22420
22.0	-11.40	0.0724	145.19	134.62	0.035779	0.006226	16061
24.0	-9.90	0.1023	133.72	122.16	0.042986	0.007480	13368
26.0	-9.20	0.1202	124.07	111.51	0.049796	0.008665	11540
28.0	-9.10	0.1230	115.85	102.29	0.057172	0.009949	10051
30.0	-9.40	0.1148	108.78	94.20	0.064670	0.011254	8886
32.0	-10.10	0.0977	102.63	87.04	0.072255	0.012573	7953
34.0	-11.10	0.0776	97.26	80.63	0.078613	0.013680	7310
36.0	-12.60	0.0550	92.53	74.86	0.077911	0.013558	7375
38.0	-14.30	0.0372	88.34	69.61	0.069938	0.012170	8216
40.0	-16.50	0.0224	84.61	64.82	0.058743	0.010222	9782
42.0	-19.00	0.0126	81.28	60.40	0.044854	0.007805	12812
44.0	-21.70	0.0068	78.29	56.32	0.031147	0.005420	18449
46.0	-24.50	0.0035	75.61	52.52	0.020264	0.003526	28358
48.0	-26.90	0.0020	73.19	48.97	0.011952	0.002080	48079
50.0	-28.70	0.0013	71.00	45.64	0.007367	0.001282	78008
52.0	-29.40	0.0011	69.02	42.49	0.004225	0.000735	136016
54.0	-30.00	0.0010	67.23	39.52	0.002753	0.000479	208765
56.0	-30.60	0.0009	65.60	36.69	0.002263	0.000394	253942
58.0	-31.90	0.0006	64.13	33.99	0.001939	0.000337	296445
60.0	-32.00	0.0006	62.80	31.40	0.001766	0.000307	325333
62.0	-32.90	0.0005	61.60	28.92	0.001667	0.000290	344719
64.0	-34.00	0.0004	60.51	26.53	0.001357	0.000236	423346
66.0	-34.20	0.0004	59.54	24.22	0.001224	0.000213	469579
68.0	-35.20	0.0003	58.66	21.97	0.001078	0.000188	533173
70.0	-36.20	0.0002	57.88	19.80	0.000903	0.000157	636491
72.0	-37.90	0.0002	57.19	17.67	0.000789	0.000137	728569
74.0	-40.00	0.0001	56.58	15.60	0.000605	0.000105	950273
76.0	-40.00	0.0001	56.05	13.56	0.000549	0.000096	1046960
78.0	-40.00	0.0001	55.60	11.56	0.000295	0.000051	1946210
80.0	-40.00	0.0001	55.23	9.59	0.000469	0.000082	1226007
82.0	-40.00	0.0001	54.92	7.64	0.000683	0.000119	841305
84.0	-37.50	0.0002	54.69	5.72	0.001010	0.000176	569142
86.0	-35.80	0.0003	54.52	3.80	0.001280	0.000223	448824
88.0	-34.00	0.0004	54.42	1.90	0.001455	0.000253	395030
90.0	-32.90	0.0005	54.39	0.00	0.001798	0.000313	319649

T-Mobile
Milford CT 2
RFS:APX16DWV-16DWVS-E-A20 Antenna Worksheet (50 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	145	**Frequency (MHz):**	2140	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-31.31	0.0007	31162.09	31162.06	0.000000	0.000000	20557187783
1.0	-26.29	0.0023	3116.18	3115.89	0.000005	0.000000	214386718
2.0	-19.76	0.0106	1558.04	1557.47	0.000014	0.000001	71422071
3.0	-14.15	0.0385	1038.64	1037.79	0.000021	0.000002	46532114
4.0	-9.77	0.1054	778.93	777.79	0.000027	0.000003	36540783
5.0	-6.44	0.2270	623.09	621.66	0.000041	0.000004	24638413
6.0	-3.93	0.4046	519.19	517.47	0.005785	0.000579	172860
7.0	-2.03	0.6266	444.96	442.96	0.084037	0.008404	11899
8.0	-0.78	0.8356	389.29	386.99	0.110017	0.011002	9089
9.0	-0.08	0.9817	345.98	343.39	0.139285	0.013928	7179
10.0	0.00	1.0000	311.32	308.45	0.172018	0.017202	5813
12.0	-1.41	0.7228	259.33	255.88	0.216367	0.021637	4621
14.0	-5.84	0.2606	222.18	218.14	0.253798	0.025380	3940
16.0	-16.52	0.0223	194.31	189.67	0.291886	0.029189	3425
18.0	-19.53	0.0111	172.63	167.39	0.330744	0.033074	3023
20.0	-14.57	0.0349	155.27	149.43	0.370495	0.037050	2699
22.0	-16.83	0.0207	141.07	134.62	0.411269	0.041127	2431
24.0	-21.35	0.0073	129.24	122.16	0.268157	0.026816	3729
26.0	-21.69	0.0068	119.23	111.51	0.066203	0.006620	15105
28.0	-23.91	0.0041	110.65	102.29	0.057800	0.005780	17300
30.0	-33.35	0.0005	103.22	94.20	0.066361	0.006636	15069
32.0	-25.07	0.0031	96.73	87.04	0.067998	0.006800	14706
34.0	-22.33	0.0058	91.01	80.63	0.037281	0.003728	26823
36.0	-23.65	0.0043	85.93	74.86	0.021305	0.002130	46937
38.0	-27.86	0.0016	81.40	69.61	0.022230	0.002223	44983
40.0	-30.42	0.0009	77.34	64.82	0.021850	0.002185	45766
42.0	-29.04	0.0012	73.68	60.40	0.024032	0.002403	41611
44.0	-29.99	0.0010	70.37	56.32	0.025949	0.002595	38536
46.0	-32.80	0.0005	67.37	52.52	0.028615	0.002862	34946
48.0	-36.23	0.0002	64.64	48.97	0.024818	0.002482	40293
50.0	-35.13	0.0003	62.16	45.64	0.011210	0.001121	89207
52.0	-33.08	0.0005	59.88	42.49	0.008538	0.000854	117130
54.0	-32.94	0.0005	57.81	39.52	0.009293	0.000929	107603
56.0	-32.59	0.0006	55.91	36.69	0.007742	0.000774	129159
58.0	-33.70	0.0004	54.18	33.99	0.004574	0.000457	218620
60.0	-35.03	0.0003	52.60	31.40	0.004913	0.000491	203543
62.0	-36.18	0.0002	51.15	28.92	0.005073	0.000507	197138
64.0	-37.34	0.0002	49.84	26.53	0.005394	0.000539	185404
66.0	-39.30	0.0001	48.65	24.22	0.005535	0.000554	180653
68.0	-41.49	0.0001	47.57	21.97	0.004927	0.000493	202950
70.0	-41.56	0.0001	46.61	19.80	0.003600	0.000360	277748
72.0	-41.39	0.0001	45.75	17.67	0.002790	0.000279	358472
74.0	-41.80	0.0001	44.99	15.60	0.002095	0.000209	477384
76.0	-41.86	0.0001	44.32	13.56	0.001108	0.000111	902547
78.0	-42.23	0.0001	43.75	11.56	0.000959	0.000096	1042751
80.0	-42.21	0.0001	43.27	9.59	0.000956	0.000096	1046365
82.0	-42.13	0.0001	42.88	7.64	0.000899	0.000090	1112606
84.0	-42.93	0.0001	42.58	5.72	0.000848	0.000085	1178682
86.0	-43.71	0.0000	42.37	3.80	0.000849	0.000085	1177675
88.0	-45.64	0.0000	42.24	1.90	0.000814	0.000081	1228674
90.0	-50.30	0.0000	42.20	0.00	0.000641	0.000064	1560283

T-Mobile
Milford CT 2
RFS:APX16DWV-16DWVS-E-A20 Antenna Worksheet (170 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	145	**Frequency (MHz):**	2140	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-31.31	0.0007	31162.09	31162.06	0.000000	0.000000	20570291827
1.0	-26.29	0.0023	3116.18	3115.89	0.000005	0.000000	214386718
2.0	-19.76	0.0106	1558.04	1557.47	0.000014	0.000001	71457545
3.0	-14.15	0.0385	1038.64	1037.79	0.000021	0.000002	46512380
4.0	-9.77	0.1054	778.93	777.79	0.000027	0.000003	36558452
5.0	-6.44	0.2270	623.09	621.66	0.000041	0.000004	24631392
6.0	-3.93	0.4046	519.19	517.47	0.005785	0.000579	172860
7.0	-2.03	0.6266	444.96	442.96	0.084037	0.008404	11899
8.0	-0.78	0.8356	389.29	386.99	0.110017	0.011002	9089
9.0	-0.08	0.9817	345.98	343.39	0.139285	0.013928	7179
10.0	0.00	1.0000	311.32	308.45	0.172018	0.017202	5813
12.0	-1.41	0.7228	259.33	255.88	0.216367	0.021637	4621
14.0	-5.84	0.2606	222.18	218.14	0.253798	0.025380	3940
16.0	-16.52	0.0223	194.31	189.67	0.291886	0.029189	3425
18.0	-19.53	0.0111	172.63	167.39	0.330744	0.033074	3023
20.0	-14.57	0.0349	155.27	149.43	0.370495	0.037050	2699
22.0	-16.83	0.0207	141.07	134.62	0.411269	0.041127	2431
24.0	-21.35	0.0073	129.24	122.16	0.268157	0.026816	3729
26.0	-21.69	0.0068	119.23	111.51	0.066173	0.006617	15111
28.0	-23.91	0.0041	110.65	102.29	0.057806	0.005781	17299
30.0	-33.35	0.0005	103.22	94.20	0.066316	0.006632	15079
32.0	-25.07	0.0031	96.73	87.04	0.068104	0.006810	14683
34.0	-22.33	0.0058	91.01	80.63	0.037394	0.003739	26742
36.0	-23.65	0.0043	85.93	74.86	0.021206	0.002121	47157
38.0	-27.86	0.0016	81.40	69.61	0.022230	0.002223	44983
40.0	-30.42	0.0009	77.34	64.82	0.021663	0.002166	46161
42.0	-29.04	0.0012	73.68	60.40	0.023775	0.002377	42061
44.0	-29.99	0.0010	70.37	56.32	0.026288	0.002629	38040
46.0	-32.80	0.0005	67.37	52.52	0.028188	0.002819	35475
48.0	-36.23	0.0002	64.64	48.97	0.024818	0.002482	40293
50.0	-35.13	0.0003	62.16	45.64	0.011210	0.001121	89207
52.0	-33.08	0.0005	59.88	42.49	0.008538	0.000854	117130
54.0	-32.94	0.0005	57.81	39.52	0.009116	0.000912	109693
56.0	-32.59	0.0006	55.91	36.69	0.007596	0.000760	131652
58.0	-33.70	0.0004	54.18	33.99	0.004574	0.000457	218620
60.0	-35.03	0.0003	52.60	31.40	0.004826	0.000483	207197
62.0	-36.18	0.0002	51.15	28.92	0.005158	0.000516	193857
64.0	-37.34	0.0002	49.84	26.53	0.005310	0.000531	188320
66.0	-39.30	0.0001	48.65	24.22	0.005535	0.000554	180653
68.0	-41.49	0.0001	47.57	21.97	0.004927	0.000493	202950
70.0	-41.56	0.0001	46.61	19.80	0.003600	0.000360	277748
72.0	-41.39	0.0001	45.75	17.67	0.002790	0.000279	358472
74.0	-41.80	0.0001	44.99	15.60	0.002095	0.000209	477384
76.0	-41.86	0.0001	44.32	13.56	0.001122	0.000112	891211
78.0	-42.23	0.0001	43.75	11.56	0.000959	0.000096	1042751
80.0	-42.21	0.0001	43.27	9.59	0.000956	0.000096	1046365
82.0	-42.13	0.0001	42.88	7.64	0.000883	0.000088	1133047
84.0	-42.93	0.0001	42.58	5.72	0.000848	0.000085	1178682
86.0	-43.71	0.0000	42.37	3.80	0.000849	0.000085	1177675
88.0	-45.64	0.0000	42.24	1.90	0.000787	0.000079	1270625
90.0	-50.30	0.0000	42.20	0.00	0.000616	0.000062	1624605

T-Mobile
Milford CT 2
RFS:APX16DWV-16DWVS-E-A20 Antenna Worksheet (290 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	145	**Frequency (MHz):**	2140	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-31.31	0.0007	31162.09	31162.06	0.000000	0.000000	20570291827
1.0	-26.29	0.0023	3116.18	3115.89	0.000005	0.000000	214386613
2.0	-19.76	0.0106	1558.04	1557.47	0.000014	0.000001	71457551
3.0	-14.15	0.0385	1038.64	1037.79	0.000021	0.000002	46512375
4.0	-9.77	0.1054	778.93	777.79	0.000027	0.000003	36558455
5.0	-6.44	0.2270	623.09	621.66	0.000041	0.000004	24638413
6.0	-3.93	0.4046	519.19	517.47	0.005784	0.000578	172890
7.0	-2.03	0.6266	444.96	442.96	0.084037	0.008404	11899
8.0	-0.78	0.8356	389.29	386.99	0.110017	0.011002	9089
9.0	-0.08	0.9817	345.98	343.39	0.139285	0.013928	7179
10.0	0.00	1.0000	311.32	308.45	0.172018	0.017202	5813
12.0	-1.41	0.7228	259.33	255.88	0.216367	0.021637	4621
14.0	-5.84	0.2606	222.18	218.14	0.253798	0.025380	3940
16.0	-16.52	0.0223	194.31	189.67	0.291886	0.029189	3425
18.0	-19.53	0.0111	172.63	167.39	0.330744	0.033074	3023
20.0	-14.57	0.0349	155.27	149.43	0.370495	0.037050	2699
22.0	-16.83	0.0207	141.07	134.62	0.411269	0.041127	2431
24.0	-21.35	0.0073	129.24	122.16	0.268157	0.026816	3729
26.0	-21.69	0.0068	119.23	111.51	0.066173	0.006617	15111
28.0	-23.91	0.0041	110.65	102.29	0.057800	0.005780	17300
30.0	-33.35	0.0005	103.22	94.20	0.066316	0.006632	15079
32.0	-25.07	0.0031	96.73	87.04	0.067998	0.006800	14706
34.0	-22.33	0.0058	91.01	80.63	0.037394	0.003739	26742
36.0	-23.65	0.0043	85.93	74.86	0.021206	0.002121	47157
38.0	-27.86	0.0016	81.40	69.61	0.022230	0.002223	44983
40.0	-30.42	0.0009	77.34	64.82	0.021663	0.002166	46161
42.0	-29.04	0.0012	73.68	60.40	0.024032	0.002403	41611
44.0	-29.99	0.0010	70.37	56.32	0.025949	0.002595	38536
46.0	-32.80	0.0005	67.37	52.52	0.028188	0.002819	35475
48.0	-36.23	0.0002	64.64	48.97	0.024408	0.002441	40970
50.0	-35.13	0.0003	62.16	45.64	0.011210	0.001121	89207
52.0	-33.08	0.0005	59.88	42.49	0.008538	0.000854	117130
54.0	-32.94	0.0005	57.81	39.52	0.009116	0.000912	109693
56.0	-32.59	0.0006	55.91	36.69	0.007596	0.000760	131652
58.0	-33.70	0.0004	54.18	33.99	0.004659	0.000466	214630
60.0	-35.03	0.0003	52.60	31.40	0.004913	0.000491	203543
62.0	-36.18	0.0002	51.15	28.92	0.005158	0.000516	193857
64.0	-37.34	0.0002	49.84	26.53	0.005394	0.000539	185404
66.0	-39.30	0.0001	48.65	24.22	0.005617	0.000562	178031
68.0	-41.49	0.0001	47.57	21.97	0.004927	0.000493	202951
70.0	-41.56	0.0001	46.61	19.80	0.003554	0.000355	281386
72.0	-41.39	0.0001	45.75	17.67	0.002755	0.000276	362930
74.0	-41.80	0.0001	44.99	15.60	0.002121	0.000212	471493
76.0	-41.86	0.0001	44.32	13.56	0.001108	0.000111	902547
78.0	-42.23	0.0001	43.75	11.56	0.000972	0.000097	1028712
80.0	-42.21	0.0001	43.27	9.59	0.000971	0.000097	1030305
82.0	-42.13	0.0001	42.88	7.64	0.000883	0.000088	1133047
84.0	-42.93	0.0001	42.58	5.72	0.000848	0.000085	1178682
86.0	-43.71	0.0000	42.37	3.80	0.000826	0.000083	1210301
88.0	-45.64	0.0000	42.24	1.90	0.000787	0.000079	1270625
90.0	-50.30	0.0000	42.20	0.00	0.000616	0.000062	1624605

T-Mobile
Milford CT 2
RFS:APX16DWV-16DWVS-E-A20 Antenna Worksheet (50 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	145	**Frequency (MHz):**	1935	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.03	0.9938	31162.09	31162.06	0.000017	0.000002	58244842
1.0	-0.27	0.9397	3116.18	3115.89	0.001717	0.000172	582437
2.0	-1.08	0.7798	1558.04	1557.47	0.006868	0.000687	145600
3.0	-2.45	0.5689	1038.64	1037.79	0.015455	0.001545	64705
4.0	-4.56	0.3499	778.93	777.79	0.027459	0.002746	36418
5.0	-7.53	0.1766	623.09	621.66	0.042943	0.004294	23286
6.0	-11.76	0.0667	519.19	517.47	0.061707	0.006171	16205
7.0	-18.06	0.0156	444.96	442.96	0.082037	0.008204	12189
8.0	-21.19	0.0076	389.29	386.99	0.099725	0.009973	10027
9.0	-17.66	0.0171	345.98	343.39	0.110036	0.011004	9087
10.0	-15.89	0.0258	311.32	308.45	0.107605	0.010761	9293
12.0	-17.22	0.0190	259.33	255.88	0.072898	0.007290	13717
14.0	-20.20	0.0095	222.18	218.14	0.027655	0.002766	36159
16.0	-17.76	0.0167	194.31	189.67	0.014063	0.001406	71109
18.0	-17.73	0.0169	172.63	167.39	0.017796	0.001780	56191
20.0	-22.59	0.0055	155.27	149.43	0.021938	0.002194	45583
22.0	-29.33	0.0012	141.07	134.62	0.019915	0.001991	50214
24.0	-23.43	0.0045	129.24	122.16	0.023686	0.002369	42219
26.0	-24.63	0.0034	119.23	111.51	0.027717	0.002772	36079
28.0	-35.92	0.0003	110.65	102.29	0.030716	0.003072	32555
30.0	-26.90	0.0020	103.22	94.20	0.021092	0.002109	47411
32.0	-22.87	0.0052	96.73	87.04	0.011598	0.001160	86219
34.0	-24.00	0.0040	91.01	80.63	0.013423	0.001342	74496
36.0	-31.21	0.0008	85.93	74.86	0.015562	0.001556	64257
38.0	-36.45	0.0002	81.40	69.61	0.017288	0.001729	57844
40.0	-27.38	0.0018	77.34	64.82	0.019079	0.001908	52413
42.0	-25.41	0.0029	73.68	60.40	0.020956	0.002096	47718
44.0	-26.21	0.0024	70.37	56.32	0.022693	0.002269	44066
46.0	-28.17	0.0015	67.37	52.52	0.020462	0.002046	48870
48.0	-28.81	0.0013	64.64	48.97	0.015426	0.001543	64826
50.0	-28.38	0.0015	62.16	45.64	0.016415	0.001641	60920
52.0	-28.80	0.0013	59.88	42.49	0.017566	0.001757	56929
54.0	-31.69	0.0007	57.81	39.52	0.018982	0.001898	52682
56.0	-40.84	0.0001	55.91	36.69	0.016963	0.001696	58951
58.0	-42.69	0.0001	54.18	33.99	0.011462	0.001146	87247
60.0	-34.38	0.0004	52.60	31.40	0.011919	0.001192	83900
62.0	-31.99	0.0006	51.15	28.92	0.012276	0.001228	81460
64.0	-31.20	0.0008	49.84	26.53	0.009635	0.000963	103788
66.0	-30.82	0.0008	48.65	24.22	0.007198	0.000720	138924
68.0	-31.05	0.0008	47.57	21.97	0.008042	0.000804	124348
70.0	-32.02	0.0006	46.61	19.80	0.008487	0.000849	117830
72.0	-33.47	0.0004	45.75	17.67	0.008732	0.000873	114525
74.0	-34.70	0.0003	44.99	15.60	0.008748	0.000875	114305
76.0	-34.92	0.0003	44.32	13.56	0.008703	0.000870	114908
78.0	-34.28	0.0004	43.75	11.56	0.007249	0.000725	137956
80.0	-33.60	0.0004	43.27	9.59	0.005154	0.000515	194011
82.0	-33.46	0.0005	42.88	7.64	0.005336	0.000534	187395
84.0	-33.88	0.0004	42.58	5.72	0.005354	0.000535	186763
86.0	-34.76	0.0003	42.37	3.80	0.005351	0.000535	186898
88.0	-36.53	0.0002	42.24	1.90	0.005282	0.000528	189313
90.0	-39.22	0.0001	42.20	0.00	0.004450	0.000445	224713

T-Mobile
Milford CT 2
RFS:APX16DWV-16DWVS-E-A20 Antenna Worksheet (170 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	145	**Frequency (MHz):**	1935	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.03	0.9938	31162.09	31162.06	0.000017	0.000002	58244842
1.0	-0.27	0.9397	3116.18	3115.89	0.001717	0.000172	582437
2.0	-1.08	0.7798	1558.04	1557.47	0.006868	0.000687	145600
3.0	-2.45	0.5689	1038.64	1037.79	0.015455	0.001545	64705
4.0	-4.56	0.3499	778.93	777.79	0.027479	0.002748	36391
5.0	-7.53	0.1766	623.09	621.66	0.042682	0.004268	23429
6.0	-11.76	0.0667	519.19	517.47	0.061707	0.006171	16205
7.0	-18.06	0.0156	444.96	442.96	0.082037	0.008204	12189
8.0	-21.19	0.0076	389.29	386.99	0.099776	0.009978	10022
9.0	-17.66	0.0171	345.98	343.39	0.110036	0.011004	9087
10.0	-15.89	0.0258	311.32	308.45	0.107617	0.010762	9292
12.0	-17.22	0.0190	259.33	255.88	0.072912	0.007291	13715
14.0	-20.20	0.0095	222.18	218.14	0.027669	0.002767	36140
16.0	-17.76	0.0167	194.31	189.67	0.014077	0.001408	71039
18.0	-17.73	0.0169	172.63	167.39	0.017796	0.001780	56191
20.0	-22.59	0.0055	155.27	149.43	0.021915	0.002192	45630
22.0	-29.33	0.0012	141.07	134.62	0.019895	0.001990	50262
24.0	-23.43	0.0045	129.24	122.16	0.023686	0.002369	42219
26.0	-24.63	0.0034	119.23	111.51	0.027763	0.002776	36019
28.0	-35.92	0.0003	110.65	102.29	0.030636	0.003064	32641
30.0	-26.90	0.0020	103.22	94.20	0.021043	0.002104	47521
32.0	-22.87	0.0052	96.73	87.04	0.011639	0.001164	85915
34.0	-24.00	0.0040	91.01	80.63	0.013474	0.001347	74218
36.0	-31.21	0.0008	85.93	74.86	0.015488	0.001549	64567
38.0	-36.45	0.0002	81.40	69.61	0.017288	0.001729	57844
40.0	-27.38	0.0018	77.34	64.82	0.018962	0.001896	52736
42.0	-25.41	0.0029	73.68	60.40	0.020798	0.002080	48080
44.0	-26.21	0.0024	70.37	56.32	0.022874	0.002287	43717
46.0	-28.17	0.0015	67.37	52.52	0.020280	0.002028	49309
48.0	-28.81	0.0013	64.64	48.97	0.015426	0.001543	64826
50.0	-28.38	0.0015	62.16	45.64	0.016415	0.001641	60920
52.0	-28.80	0.0013	59.88	42.49	0.017566	0.001757	56929
54.0	-31.69	0.0007	57.81	39.52	0.018724	0.001872	53407
56.0	-40.84	0.0001	55.91	36.69	0.016695	0.001670	59898
58.0	-42.69	0.0001	54.18	33.99	0.011462	0.001146	87247
60.0	-34.38	0.0004	52.60	31.40	0.011711	0.001171	85386
62.0	-31.99	0.0006	51.15	28.92	0.012508	0.001251	79948
64.0	-31.20	0.0008	49.84	26.53	0.009440	0.000944	105932
66.0	-30.82	0.0008	48.65	24.22	0.007198	0.000720	138924
68.0	-31.05	0.0008	47.57	21.97	0.008042	0.000804	124348
70.0	-32.02	0.0006	46.61	19.80	0.008487	0.000849	117830
72.0	-33.47	0.0004	45.75	17.67	0.008732	0.000873	114525
74.0	-34.70	0.0003	44.99	15.60	0.008748	0.000875	114305
76.0	-34.92	0.0003	44.32	13.56	0.008904	0.000890	112310
78.0	-34.28	0.0004	43.75	11.56	0.007249	0.000725	137956
80.0	-33.60	0.0004	43.27	9.59	0.005154	0.000515	194011
82.0	-33.46	0.0005	42.88	7.64	0.005200	0.000520	192303
84.0	-33.88	0.0004	42.58	5.72	0.005354	0.000535	186763
86.0	-34.76	0.0003	42.37	3.80	0.005351	0.000535	186898
88.0	-36.53	0.0002	42.24	1.90	0.005104	0.000510	195936
90.0	-39.22	0.0001	42.20	0.00	0.004288	0.000429	233191

T-Mobile
Milford CT 2
RFS:APX16DWV-16DWVS-E-A20 Antenna Worksheet (290 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	145	**Frequency (MHz):**	1935	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (µW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.03	0.9938	31162.09	31162.06	0.000017	0.000002	58244842
1.0	-0.27	0.9397	3116.18	3115.89	0.001717	0.000172	582437
2.0	-1.08	0.7798	1558.04	1557.47	0.006868	0.000687	145600
3.0	-2.45	0.5689	1038.64	1037.79	0.015455	0.001545	64705
4.0	-4.56	0.3499	778.93	777.79	0.027479	0.002748	36391
5.0	-7.53	0.1766	623.09	621.66	0.042943	0.004294	23286
6.0	-11.76	0.0667	519.19	517.47	0.061851	0.006185	16167
7.0	-18.06	0.0156	444.96	442.96	0.082037	0.008204	12189
8.0	-21.19	0.0076	389.29	386.99	0.099776	0.009978	10022
9.0	-17.66	0.0171	345.98	343.39	0.109981	0.010998	9092
10.0	-15.89	0.0258	311.32	308.45	0.107605	0.010761	9293
12.0	-17.22	0.0190	259.33	255.88	0.072898	0.007290	13717
14.0	-20.20	0.0095	222.18	218.14	0.027669	0.002767	36140
16.0	-17.76	0.0167	194.31	189.67	0.014063	0.001406	71109
18.0	-17.73	0.0169	172.63	167.39	0.017796	0.001780	56191
20.0	-22.59	0.0055	155.27	149.43	0.021938	0.002194	45583
22.0	-29.33	0.0012	141.07	134.62	0.019895	0.001990	50262
24.0	-23.43	0.0045	129.24	122.16	0.023686	0.002369	42219
26.0	-24.63	0.0034	119.23	111.51	0.027763	0.002776	36019
28.0	-35.92	0.0003	110.65	102.29	0.030716	0.003072	32555
30.0	-26.90	0.0020	103.22	94.20	0.021043	0.002104	47520
32.0	-22.87	0.0052	96.73	87.04	0.011598	0.001160	86219
34.0	-24.00	0.0040	91.01	80.63	0.013474	0.001347	74218
36.0	-31.21	0.0008	85.93	74.86	0.015488	0.001549	64567
38.0	-36.45	0.0002	81.40	69.61	0.017288	0.001729	57844
40.0	-27.38	0.0018	77.34	64.82	0.018962	0.001896	52736
42.0	-25.41	0.0029	73.68	60.40	0.020956	0.002096	47718
44.0	-26.21	0.0024	70.37	56.32	0.022693	0.002269	44066
46.0	-28.17	0.0015	67.37	52.52	0.020280	0.002028	49309
48.0	-28.81	0.0013	64.64	48.97	0.015266	0.001527	65504
50.0	-28.38	0.0015	62.16	45.64	0.016415	0.001641	60920
52.0	-28.80	0.0013	59.88	42.49	0.017566	0.001757	56929
54.0	-31.69	0.0007	57.81	39.52	0.018724	0.001872	53407
56.0	-40.84	0.0001	55.91	36.69	0.016695	0.001670	59898
58.0	-42.69	0.0001	54.18	33.99	0.011652	0.001165	85825
60.0	-34.38	0.0004	52.60	31.40	0.011919	0.001192	83900
62.0	-31.99	0.0006	51.15	28.92	0.012508	0.001251	79948
64.0	-31.20	0.0008	49.84	26.53	0.009635	0.000963	103788
66.0	-30.82	0.0008	48.65	24.22	0.007352	0.000735	136019
68.0	-31.05	0.0008	47.57	21.97	0.008042	0.000804	124348
70.0	-32.02	0.0006	46.61	19.80	0.008303	0.000830	120441
72.0	-33.47	0.0004	45.75	17.67	0.008533	0.000853	117185
74.0	-34.70	0.0003	44.99	15.60	0.008942	0.000894	111833
76.0	-34.92	0.0003	44.32	13.56	0.008703	0.000870	114908
78.0	-34.28	0.0004	43.75	11.56	0.007426	0.000743	134668
80.0	-33.60	0.0004	43.27	9.59	0.005288	0.000529	189110
82.0	-33.46	0.0005	42.88	7.64	0.005200	0.000520	192303
84.0	-33.88	0.0004	42.58	5.72	0.005354	0.000535	186763
86.0	-34.76	0.0003	42.37	3.80	0.005191	0.000519	192643
88.0	-36.53	0.0002	42.24	1.90	0.005104	0.000510	195936
90.0	-39.22	0.0001	42.20	0.00	0.004285	0.000428	233376

Verizon Wireless
Milford CT 2
RYMSA:MG D3-800 Antenna Worksheet (60 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	126	**Frequency (MHz):**	1980	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.08	31162.06	0.000017	0.000002	58244815
1.0	-0.10	0.9772	3116.11	3115.89	0.001717	0.000172	582409
2.0	-0.80	0.8318	1557.90	1557.47	0.006869	0.000687	145573
3.0	-1.90	0.6457	1038.43	1037.79	0.015461	0.001546	64677
4.0	-3.80	0.4169	778.64	777.79	0.027500	0.002750	36364
5.0	-6.40	0.2291	622.72	621.66	0.042994	0.004299	23259
6.0	-10.00	0.1000	518.75	517.47	0.061956	0.006196	16140
7.0	-14.40	0.0363	444.45	442.96	0.084402	0.008440	11848
8.0	-16.00	0.0251	388.70	386.99	0.109458	0.010946	9135
9.0	-14.40	0.0363	345.32	343.39	0.135753	0.013575	7366
10.0	-13.20	0.0479	310.59	308.45	0.151373	0.015137	6606
12.0	-14.70	0.0339	258.45	255.88	0.158849	0.015885	6295
14.0	-23.10	0.0049	221.16	218.14	0.114381	0.011438	8742
16.0	-26.10	0.0025	193.14	189.67	0.056821	0.005682	17599
18.0	-22.80	0.0052	171.30	167.39	0.032451	0.003245	30815
20.0	-31.10	0.0008	153.80	149.43	0.040216	0.004022	24865
22.0	-25.50	0.0028	139.45	134.62	0.048744	0.004874	20515
24.0	-20.40	0.0091	127.47	122.16	0.047704	0.004770	20962
26.0	-22.10	0.0062	117.30	111.51	0.024611	0.002461	40631
28.0	-34.40	0.0004	108.57	102.29	0.014755	0.001476	67771
30.0	-22.00	0.0063	100.99	94.20	0.019437	0.001944	51447
32.0	-17.10	0.0195	94.35	87.04	0.022221	0.002222	45002
34.0	-16.30	0.0234	88.47	80.63	0.025200	0.002520	39682
36.0	-18.00	0.0158	83.24	74.86	0.028371	0.002837	35247
38.0	-22.70	0.0054	78.56	69.61	0.055714	0.005571	17948
40.0	-34.40	0.0004	74.34	64.82	0.085948	0.008595	11634
42.0	-32.30	0.0006	70.53	60.40	0.095158	0.009516	10508
44.0	-28.00	0.0016	67.06	56.32	0.104839	0.010484	9538
46.0	-29.70	0.0011	63.91	52.52	0.114881	0.011488	8704
48.0	-37.30	0.0002	61.02	48.97	0.125498	0.012550	7968
50.0	-38.90	0.0001	58.38	45.64	0.136373	0.013637	7332
52.0	-32.40	0.0006	55.95	42.49	0.113645	0.011364	8799
54.0	-31.50	0.0007	53.73	39.52	0.048677	0.004868	20543
56.0	-33.80	0.0004	51.68	36.69	0.014222	0.001422	70313
58.0	-39.70	0.0001	49.80	33.99	0.014422	0.001442	69340
60.0	-46.50	0.0000	48.08	31.40	0.015315	0.001531	65296
62.0	-42.10	0.0001	46.49	28.92	0.009147	0.000915	109322
64.0	-41.30	0.0001	45.04	26.53	0.008056	0.000806	124133
66.0	-44.50	0.0000	43.72	24.22	0.008488	0.000849	117812
68.0	-49.80	0.0000	42.52	21.97	0.008875	0.000887	112680
70.0	-43.70	0.0000	41.44	19.80	0.003957	0.000396	252690
72.0	-38.30	0.0001	40.47	17.67	0.001143	0.000114	875239
74.0	-33.90	0.0004	39.60	15.60	0.001267	0.000127	789388
76.0	-32.90	0.0005	38.85	13.56	0.004992	0.000499	200336
78.0	-32.40	0.0006	38.20	11.56	0.007914	0.000791	126365
80.0	-32.40	0.0006	37.65	9.59	0.008962	0.000896	111583
82.0	-32.60	0.0005	37.20	7.64	0.009656	0.000966	103559
84.0	-32.10	0.0006	36.85	5.72	0.009761	0.000976	102446
86.0	-32.50	0.0006	36.60	3.80	0.009781	0.000978	102243
88.0	-33.00	0.0005	36.45	1.90	0.009524	0.000952	104994
90.0	-35.50	0.0003	36.40	0.00	0.008616	0.000862	116058

Verizon Wireless
Milford CT 2
RYMSA:MG D3-800 Antenna Worksheet (170 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	126	**Frequency (MHz):**	1980	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.08	31162.06	0.000017	0.000002	58244811
1.0	-0.10	0.9772	3116.11	3115.89	0.001717	0.000172	582409
2.0	-0.80	0.8318	1557.90	1557.47	0.006869	0.000687	145573
3.0	-1.90	0.6457	1038.43	1037.79	0.015461	0.001546	64677
4.0	-3.80	0.4169	778.64	777.79	0.027500	0.002750	36364
5.0	-6.40	0.2291	622.72	621.66	0.042994	0.004299	23259
6.0	-10.00	0.1000	518.75	517.47	0.061956	0.006196	16140
7.0	-14.40	0.0363	444.45	442.96	0.084402	0.008440	11848
8.0	-16.00	0.0251	388.70	386.99	0.109458	0.010946	9135
9.0	-14.40	0.0363	345.32	343.39	0.135753	0.013575	7366
10.0	-13.20	0.0479	310.59	308.45	0.151373	0.015137	6606
12.0	-14.70	0.0339	258.45	255.88	0.158849	0.015885	6295
14.0	-23.10	0.0049	221.16	218.14	0.114381	0.011438	8742
16.0	-26.10	0.0025	193.14	189.67	0.056821	0.005682	17599
18.0	-22.80	0.0052	171.30	167.39	0.032451	0.003245	30815
20.0	-31.10	0.0008	153.80	149.43	0.040216	0.004022	24865
22.0	-25.50	0.0028	139.45	134.62	0.048744	0.004874	20515
24.0	-20.40	0.0091	127.47	122.16	0.047704	0.004770	20962
26.0	-22.10	0.0062	117.30	111.51	0.024640	0.002464	40583
28.0	-34.40	0.0004	108.57	102.29	0.014755	0.001476	67771
30.0	-22.00	0.0063	100.99	94.20	0.019437	0.001944	51447
32.0	-17.10	0.0195	94.35	87.04	0.022221	0.002222	45002
34.0	-16.30	0.0234	88.47	80.63	0.025200	0.002520	39682
36.0	-18.00	0.0158	83.24	74.86	0.028371	0.002837	35247
38.0	-22.70	0.0054	78.56	69.61	0.055757	0.005576	17934
40.0	-34.40	0.0004	74.34	64.82	0.085948	0.008595	11634
42.0	-32.30	0.0006	70.53	60.40	0.095158	0.009516	10508
44.0	-28.00	0.0016	67.06	56.32	0.104839	0.010484	9538
46.0	-29.70	0.0011	63.91	52.52	0.114881	0.011488	8704
48.0	-37.30	0.0002	61.02	48.97	0.125498	0.012550	7968
50.0	-38.90	0.0001	58.38	45.64	0.136373	0.013637	7332
52.0	-32.40	0.0006	55.95	42.49	0.113645	0.011364	8799
54.0	-31.50	0.0007	53.73	39.52	0.048615	0.004861	20569
56.0	-33.80	0.0004	51.68	36.69	0.014222	0.001422	70313
58.0	-39.70	0.0001	49.80	33.99	0.014422	0.001442	69340
60.0	-46.50	0.0000	48.08	31.40	0.015295	0.001530	65379
62.0	-42.10	0.0001	46.49	28.92	0.009147	0.000915	109322
64.0	-41.30	0.0001	45.04	26.53	0.008056	0.000806	124133
66.0	-44.50	0.0000	43.72	24.22	0.008473	0.000847	118018
68.0	-49.80	0.0000	42.52	21.97	0.008875	0.000887	112680
70.0	-43.70	0.0000	41.44	19.80	0.003957	0.000396	252690
72.0	-38.30	0.0001	40.47	17.67	0.001146	0.000115	872773
74.0	-33.90	0.0004	39.60	15.60	0.001267	0.000127	789388
76.0	-32.90	0.0005	38.85	13.56	0.004992	0.000499	200336
78.0	-32.40	0.0006	38.20	11.56	0.007903	0.000790	126526
80.0	-32.40	0.0006	37.65	9.59	0.008936	0.000894	111902
82.0	-32.60	0.0005	37.20	7.64	0.009656	0.000966	103559
84.0	-32.10	0.0006	36.85	5.72	0.009761	0.000976	102446
86.0	-32.50	0.0006	36.60	3.80	0.009781	0.000978	102243
88.0	-33.00	0.0005	36.45	1.90	0.009452	0.000945	105798
90.0	-35.50	0.0003	36.40	0.00	0.008578	0.000858	116581

Verizon Wireless
Milford CT 2
RYMSA:MG D3-800 Antenna Worksheet (310 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	500	**Height (feet):**	126	**Frequency (MHz):**	1980	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.08	31162.06	0.000017	0.000002	58244815
1.0	-0.10	0.9772	3116.11	3115.89	0.001717	0.000172	582409
2.0	-0.80	0.8318	1557.90	1557.47	0.006869	0.000687	145573
3.0	-1.90	0.6457	1038.43	1037.79	0.015461	0.001546	64677
4.0	-3.80	0.4169	778.64	777.79	0.027500	0.002750	36364
5.0	-6.40	0.2291	622.72	621.66	0.042994	0.004299	23259
6.0	-10.00	0.1000	518.75	517.47	0.061956	0.006196	16140
7.0	-14.40	0.0363	444.45	442.96	0.084402	0.008440	11848
8.0	-16.00	0.0251	388.70	386.99	0.109458	0.010946	9135
9.0	-14.40	0.0363	345.32	343.39	0.135753	0.013575	7366
10.0	-13.20	0.0479	310.59	308.45	0.151373	0.015137	6606
12.0	-14.70	0.0339	258.45	255.88	0.158849	0.015885	6295
14.0	-23.10	0.0049	221.16	218.14	0.114381	0.011438	8742
16.0	-26.10	0.0025	193.14	189.67	0.056821	0.005682	17599
18.0	-22.80	0.0052	171.30	167.39	0.032451	0.003245	30815
20.0	-31.10	0.0008	153.80	149.43	0.040216	0.004022	24865
22.0	-25.50	0.0028	139.45	134.62	0.048744	0.004874	20515
24.0	-20.40	0.0091	127.47	122.16	0.047704	0.004770	20962
26.0	-22.10	0.0062	117.30	111.51	0.024640	0.002464	40583
28.0	-34.40	0.0004	108.57	102.29	0.014756	0.001476	67771
30.0	-22.00	0.0063	100.99	94.20	0.019437	0.001944	51447
32.0	-17.10	0.0195	94.35	87.04	0.022221	0.002222	45002
34.0	-16.30	0.0234	88.47	80.63	0.025200	0.002520	39682
36.0	-18.00	0.0158	83.24	74.86	0.028371	0.002837	35247
38.0	-22.70	0.0054	78.56	69.61	0.055714	0.005571	17948
40.0	-34.40	0.0004	74.34	64.82	0.085948	0.008595	11634
42.0	-32.30	0.0006	70.53	60.40	0.095158	0.009516	10508
44.0	-28.00	0.0016	67.06	56.32	0.104839	0.010484	9538
46.0	-29.70	0.0011	63.91	52.52	0.114881	0.011488	8704
48.0	-37.30	0.0002	61.02	48.97	0.125498	0.012550	7968
50.0	-38.90	0.0001	58.38	45.64	0.136373	0.013637	7332
52.0	-32.40	0.0006	55.95	42.49	0.113790	0.011379	8788
54.0	-31.50	0.0007	53.73	39.52	0.048615	0.004861	20569
56.0	-33.80	0.0004	51.68	36.69	0.014222	0.001422	70313
58.0	-39.70	0.0001	49.80	33.99	0.014458	0.001446	69166
60.0	-46.50	0.0000	48.08	31.40	0.015295	0.001530	65379
62.0	-42.10	0.0001	46.49	28.92	0.009147	0.000915	109322
64.0	-41.30	0.0001	45.04	26.53	0.008056	0.000806	124133
66.0	-44.50	0.0000	43.72	24.22	0.008488	0.000849	117812
68.0	-49.80	0.0000	42.52	21.97	0.008896	0.000890	112409
70.0	-43.70	0.0000	41.44	19.80	0.003945	0.000395	253485
72.0	-38.30	0.0001	40.47	17.67	0.001143	0.000114	875239
74.0	-33.90	0.0004	39.60	15.60	0.001271	0.000127	786567
76.0	-32.90	0.0005	38.85	13.56	0.004992	0.000499	200337
78.0	-32.40	0.0006	38.20	11.56	0.007914	0.000791	126365
80.0	-32.40	0.0006	37.65	9.59	0.008962	0.000896	111583
82.0	-32.60	0.0005	37.20	7.64	0.009656	0.000966	103559
84.0	-32.10	0.0006	36.85	5.72	0.009701	0.000970	103081
86.0	-32.50	0.0006	36.60	3.80	0.009730	0.000973	102775
88.0	-33.00	0.0005	36.45	1.90	0.009452	0.000945	105798
90.0	-35.50	0.0003	36.40	0.00	0.008574	0.000857	116636

Verizon Wireless
Milford CT 2
ANDREW:DB846F65ZAX Antenna Worksheet (60 Sector)

Maximum Permissible Exposure (MPE):				579.33			
ERP (Watts):	250	**Height (feet):**	126	**Frequency (MHz):**	869	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (µW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	1.0000	31162.08	31162.06	0.000009	0.000001	67486322
1.0	0.00	1.0000	3116.11	3115.89	0.000859	0.000148	674818
2.0	-0.20	0.9550	1557.90	1557.47	0.003435	0.000593	168670
3.0	-0.50	0.8913	1038.43	1037.79	0.007731	0.001334	74939
4.0	-1.10	0.7762	778.64	777.79	0.013750	0.002373	42134
5.0	-1.90	0.6457	622.72	621.66	0.021497	0.003711	26949
6.0	-2.90	0.5129	518.75	517.47	0.030978	0.005347	18701
7.0	-4.10	0.3890	444.45	442.96	0.042201	0.007284	13727
8.0	-5.70	0.2692	388.70	386.99	0.055174	0.009524	10500
9.0	-7.50	0.1778	345.32	343.39	0.069752	0.012040	8305
10.0	-9.40	0.1148	310.59	308.45	0.083720	0.014451	6919
12.0	-12.70	0.0537	258.45	255.88	0.110575	0.019087	5239
14.0	-12.80	0.0525	221.16	218.14	0.123615	0.021338	4686
16.0	-11.90	0.0646	193.14	189.67	0.122609	0.021164	4725
18.0	-12.00	0.0631	171.30	167.39	0.106239	0.018338	5453
20.0	-13.60	0.0437	153.80	149.43	0.078077	0.013477	7419
22.0	-16.60	0.0219	139.45	134.62	0.052736	0.009103	10985
24.0	-21.70	0.0068	127.47	122.16	0.041406	0.007147	13991
26.0	-26.20	0.0024	117.30	111.51	0.046721	0.008065	12399
28.0	-23.00	0.0050	108.57	102.29	0.054423	0.009394	10644
30.0	-20.60	0.0087	100.99	94.20	0.062768	0.010834	9229
32.0	-20.20	0.0095	94.35	87.04	0.069630	0.012019	8320
34.0	-21.00	0.0079	88.47	80.63	0.064179	0.011078	9026
36.0	-22.70	0.0054	83.24	74.86	0.047743	0.008241	12134
38.0	-24.70	0.0034	78.56	69.61	0.027155	0.004687	21334
40.0	-25.40	0.0029	74.34	64.82	0.018507	0.003194	31303
42.0	-24.80	0.0033	70.53	60.40	0.020482	0.003535	28285
44.0	-24.20	0.0038	67.06	56.32	0.022590	0.003899	25645
46.0	-24.10	0.0039	63.91	52.52	0.024775	0.004276	23383
48.0	-24.20	0.0038	61.02	48.97	0.027037	0.004667	21427
50.0	-24.80	0.0033	58.38	45.64	0.025849	0.004462	22412
52.0	-25.50	0.0028	55.95	42.49	0.020033	0.003458	28918
54.0	-26.40	0.0023	53.73	39.52	0.015042	0.002597	38513
56.0	-27.40	0.0018	51.68	36.69	0.015781	0.002724	36709
58.0	-28.50	0.0014	49.80	33.99	0.016883	0.002914	34313
60.0	-29.40	0.0011	48.08	31.40	0.017977	0.003103	32226
62.0	-30.60	0.0009	46.49	28.92	0.019057	0.003289	30400
64.0	-31.60	0.0007	45.04	26.53	0.018547	0.003201	31236
66.0	-33.50	0.0004	43.72	24.22	0.016522	0.002852	35064
68.0	-34.80	0.0003	42.52	21.97	0.013558	0.002340	42730
70.0	-35.80	0.0003	41.44	19.80	0.010749	0.001855	53898
72.0	-37.00	0.0002	40.47	17.67	0.008501	0.001467	68150
74.0	-37.50	0.0002	39.60	15.60	0.006097	0.001052	95013
76.0	-37.00	0.0002	38.85	13.56	0.004455	0.000769	130055
78.0	-38.30	0.0001	38.20	11.56	0.002679	0.000462	216226
80.0	-40.00	0.0001	37.65	9.59	0.001948	0.000336	297396
82.0	-40.00	0.0001	37.20	7.64	0.001599	0.000276	362263
84.0	-40.00	0.0001	36.85	5.72	0.001614	0.000279	358893
86.0	-40.00	0.0001	36.60	3.80	0.001043	0.000180	555525
88.0	-40.00	0.0001	36.45	1.90	0.000838	0.000145	691009
90.0	-40.00	0.0001	36.40	0.00	0.000830	0.000143	698052

Verizon Wireless
Milford CT 2
ANDREW:DB846F65ZAX Antenna Worksheet (60 Sector)

Maximum Permissible Exposure (MPE):				579.33			
ERP (Watts):	250	**Height (feet):**	126	**Frequency (MHz):**	869	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	1.0000	31162.08	31162.06	0.000009	0.000001	67486322
1.0	0.00	1.0000	3116.11	3115.89	0.000859	0.000148	674818
2.0	-0.20	0.9550	1557.90	1557.47	0.003435	0.000593	168670
3.0	-0.50	0.8913	1038.43	1037.79	0.007731	0.001334	74939
4.0	-1.10	0.7762	778.64	777.79	0.013750	0.002373	42134
5.0	-1.90	0.6457	622.72	621.66	0.021497	0.003711	26949
6.0	-2.90	0.5129	518.75	517.47	0.030978	0.005347	18701
7.0	-4.10	0.3890	444.45	442.96	0.042201	0.007284	13727
8.0	-5.70	0.2692	388.70	386.99	0.055174	0.009524	10500
9.0	-7.50	0.1778	345.32	343.39	0.069752	0.012040	8305
10.0	-9.40	0.1148	310.59	308.45	0.083720	0.014451	6919
12.0	-12.70	0.0537	258.45	255.88	0.110575	0.019087	5239
14.0	-12.80	0.0525	221.16	218.14	0.123615	0.021338	4686
16.0	-11.90	0.0646	193.14	189.67	0.122609	0.021164	4725
18.0	-12.00	0.0631	171.30	167.39	0.106239	0.018338	5453
20.0	-13.60	0.0437	153.80	149.43	0.078077	0.013477	7419
22.0	-16.60	0.0219	139.45	134.62	0.052736	0.009103	10985
24.0	-21.70	0.0068	127.47	122.16	0.041406	0.007147	13991
26.0	-26.20	0.0024	117.30	111.51	0.046721	0.008065	12399
28.0	-23.00	0.0050	108.57	102.29	0.054423	0.009394	10644
30.0	-20.60	0.0087	100.99	94.20	0.062768	0.010834	9229
32.0	-20.20	0.0095	94.35	87.04	0.069630	0.012019	8320
34.0	-21.00	0.0079	88.47	80.63	0.064179	0.011078	9026
36.0	-22.70	0.0054	83.24	74.86	0.047743	0.008241	12134
38.0	-24.70	0.0034	78.56	69.61	0.027155	0.004687	21334
40.0	-25.40	0.0029	74.34	64.82	0.018507	0.003194	31303
42.0	-24.80	0.0033	70.53	60.40	0.020482	0.003535	28285
44.0	-24.20	0.0038	67.06	56.32	0.022590	0.003899	25645
46.0	-24.10	0.0039	63.91	52.52	0.024775	0.004276	23383
48.0	-24.20	0.0038	61.02	48.97	0.027037	0.004667	21427
50.0	-24.80	0.0033	58.38	45.64	0.025849	0.004462	22412
52.0	-25.50	0.0028	55.95	42.49	0.020033	0.003458	28918
54.0	-26.40	0.0023	53.73	39.52	0.015042	0.002597	38513
56.0	-27.40	0.0018	51.68	36.69	0.015781	0.002724	36709
58.0	-28.50	0.0014	49.80	33.99	0.016883	0.002914	34313
60.0	-29.40	0.0011	48.08	31.40	0.017977	0.003103	32226
62.0	-30.60	0.0009	46.49	28.92	0.019057	0.003289	30400
64.0	-31.60	0.0007	45.04	26.53	0.018547	0.003201	31236
66.0	-33.50	0.0004	43.72	24.22	0.016522	0.002852	35064
68.0	-34.80	0.0003	42.52	21.97	0.013558	0.002340	42730
70.0	-35.80	0.0003	41.44	19.80	0.010749	0.001855	53898
72.0	-37.00	0.0002	40.47	17.67	0.008501	0.001467	68150
74.0	-37.50	0.0002	39.60	15.60	0.006097	0.001052	95013
76.0	-37.00	0.0002	38.85	13.56	0.004455	0.000769	130055
78.0	-38.30	0.0001	38.20	11.56	0.002679	0.000462	216226
80.0	-40.00	0.0001	37.65	9.59	0.001948	0.000336	297396
82.0	-40.00	0.0001	37.20	7.64	0.001599	0.000276	362263
84.0	-40.00	0.0001	36.85	5.72	0.001614	0.000279	358893
86.0	-40.00	0.0001	36.60	3.80	0.001043	0.000180	555525
88.0	-40.00	0.0001	36.45	1.90	0.000838	0.000145	691009
90.0	-40.00	0.0001	36.40	0.00	0.000830	0.000143	698052

Verizon Wireless
Milford CT 2
ANDREW:DB846F65ZAX Antenna Worksheet (170 Sector)

Maximum Permissible Exposure (MPE):				579.33			
ERP (Watts):	250	**Height (feet):**	126	**Frequency (MHz):**	869	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	1.0000	31162.08	31162.06	0.000009	0.000001	67486317
1.0	0.00	1.0000	3116.11	3115.89	0.000859	0.000148	674818
2.0	-0.20	0.9550	1557.90	1557.47	0.003435	0.000593	168670
3.0	-0.50	0.8913	1038.43	1037.79	0.007731	0.001334	74939
4.0	-1.10	0.7762	778.64	777.79	0.013750	0.002373	42134
5.0	-1.90	0.6457	622.72	621.66	0.021497	0.003711	26949
6.0	-2.90	0.5129	518.75	517.47	0.030978	0.005347	18701
7.0	-4.10	0.3890	444.45	442.96	0.042201	0.007284	13727
8.0	-5.70	0.2692	388.70	386.99	0.055174	0.009524	10500
9.0	-7.50	0.1778	345.32	343.39	0.069752	0.012040	8305
10.0	-9.40	0.1148	310.59	308.45	0.083720	0.014451	6919
12.0	-12.70	0.0537	258.45	255.88	0.110575	0.019087	5239
14.0	-12.80	0.0525	221.16	218.14	0.123615	0.021338	4686
16.0	-11.90	0.0646	193.14	189.67	0.122609	0.021164	4725
18.0	-12.00	0.0631	171.30	167.39	0.106276	0.018345	5451
20.0	-13.60	0.0437	153.80	149.43	0.078077	0.013477	7419
22.0	-16.60	0.0219	139.45	134.62	0.052794	0.009113	10973
24.0	-21.70	0.0068	127.47	122.16	0.041375	0.007142	14002
26.0	-26.20	0.0024	117.30	111.51	0.046721	0.008065	12399
28.0	-23.00	0.0050	108.57	102.29	0.054423	0.009394	10644
30.0	-20.60	0.0087	100.99	94.20	0.062768	0.010834	9229
32.0	-20.20	0.0095	94.35	87.04	0.069630	0.012019	8320
34.0	-21.00	0.0079	88.47	80.63	0.064179	0.011078	9026
36.0	-22.70	0.0054	83.24	74.86	0.047743	0.008241	12134
38.0	-24.70	0.0034	78.56	69.61	0.027155	0.004687	21334
40.0	-25.40	0.0029	74.34	64.82	0.018507	0.003194	31303
42.0	-24.80	0.0033	70.53	60.40	0.020482	0.003535	28285
44.0	-24.20	0.0038	67.06	56.32	0.022590	0.003899	25645
46.0	-24.10	0.0039	63.91	52.52	0.024775	0.004276	23383
48.0	-24.20	0.0038	61.02	48.97	0.027037	0.004667	21427
50.0	-24.80	0.0033	58.38	45.64	0.025849	0.004462	22412
52.0	-25.50	0.0028	55.95	42.49	0.020033	0.003458	28918
54.0	-26.40	0.0023	53.73	39.52	0.015042	0.002597	38513
56.0	-27.40	0.0018	51.68	36.69	0.015781	0.002724	36709
58.0	-28.50	0.0014	49.80	33.99	0.016883	0.002914	34313
60.0	-29.40	0.0011	48.08	31.40	0.017972	0.003102	32235
62.0	-30.60	0.0009	46.49	28.92	0.019057	0.003289	30400
64.0	-31.60	0.0007	45.04	26.53	0.018547	0.003201	31236
66.0	-33.50	0.0004	43.72	24.22	0.016480	0.002845	35153
68.0	-34.80	0.0003	42.52	21.97	0.013558	0.002340	42730
70.0	-35.80	0.0003	41.44	19.80	0.010749	0.001855	53898
72.0	-37.00	0.0002	40.47	17.67	0.008522	0.001471	67977
74.0	-37.50	0.0002	39.60	15.60	0.006097	0.001052	95013
76.0	-37.00	0.0002	38.85	13.56	0.004455	0.000769	130055
78.0	-38.30	0.0001	38.20	11.56	0.002654	0.000458	218270
80.0	-40.00	0.0001	37.65	9.59	0.001934	0.000334	299574
82.0	-40.00	0.0001	37.20	7.64	0.001599	0.000276	362263
84.0	-40.00	0.0001	36.85	5.72	0.001614	0.000279	358893
86.0	-40.00	0.0001	36.60	3.80	0.001043	0.000180	555525
88.0	-40.00	0.0001	36.45	1.90	0.000830	0.000143	698126
90.0	-40.00	0.0001	36.40	0.00	0.000825	0.000142	702515

Verizon Wireless
Milford CT 2
ANDREW:DB846F65ZAX Antenna Worksheet (170 Sector)

Maximum Permissible Exposure (MPE):				579.33			
ERP (Watts):	250	**Height (feet):**	126	**Frequency (MHz):**	869	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	1.0000	31162.08	31162.06	0.000009	0.000001	67486317
1.0	0.00	1.0000	3116.11	3115.89	0.000859	0.000148	674818
2.0	-0.20	0.9550	1557.90	1557.47	0.003435	0.000593	168670
3.0	-0.50	0.8913	1038.43	1037.79	0.007731	0.001334	74939
4.0	-1.10	0.7762	778.64	777.79	0.013750	0.002373	42134
5.0	-1.90	0.6457	622.72	621.66	0.021497	0.003711	26949
6.0	-2.90	0.5129	518.75	517.47	0.030978	0.005347	18701
7.0	-4.10	0.3890	444.45	442.96	0.042201	0.007284	13727
8.0	-5.70	0.2692	388.70	386.99	0.055174	0.009524	10500
9.0	-7.50	0.1778	345.32	343.39	0.069752	0.012040	8305
10.0	-9.40	0.1148	310.59	308.45	0.083720	0.014451	6919
12.0	-12.70	0.0537	258.45	255.88	0.110575	0.019087	5239
14.0	-12.80	0.0525	221.16	218.14	0.123615	0.021338	4686
16.0	-11.90	0.0646	193.14	189.67	0.122609	0.021164	4725
18.0	-12.00	0.0631	171.30	167.39	0.106276	0.018345	5451
20.0	-13.60	0.0437	153.80	149.43	0.078077	0.013477	7419
22.0	-16.60	0.0219	139.45	134.62	0.052794	0.009113	10973
24.0	-21.70	0.0068	127.47	122.16	0.041375	0.007142	14002
26.0	-26.20	0.0024	117.30	111.51	0.046721	0.008065	12399
28.0	-23.00	0.0050	108.57	102.29	0.054423	0.009394	10644
30.0	-20.60	0.0087	100.99	94.20	0.062768	0.010834	9229
32.0	-20.20	0.0095	94.35	87.04	0.069630	0.012019	8320
34.0	-21.00	0.0079	88.47	80.63	0.064179	0.011078	9026
36.0	-22.70	0.0054	83.24	74.86	0.047743	0.008241	12134
38.0	-24.70	0.0034	78.56	69.61	0.027155	0.004687	21334
40.0	-25.40	0.0029	74.34	64.82	0.018507	0.003194	31303
42.0	-24.80	0.0033	70.53	60.40	0.020482	0.003535	28285
44.0	-24.20	0.0038	67.06	56.32	0.022590	0.003899	25645
46.0	-24.10	0.0039	63.91	52.52	0.024775	0.004276	23383
48.0	-24.20	0.0038	61.02	48.97	0.027037	0.004667	21427
50.0	-24.80	0.0033	58.38	45.64	0.025849	0.004462	22412
52.0	-25.50	0.0028	55.95	42.49	0.020033	0.003458	28918
54.0	-26.40	0.0023	53.73	39.52	0.015042	0.002597	38513
56.0	-27.40	0.0018	51.68	36.69	0.015781	0.002724	36709
58.0	-28.50	0.0014	49.80	33.99	0.016883	0.002914	34313
60.0	-29.40	0.0011	48.08	31.40	0.017972	0.003102	32235
62.0	-30.60	0.0009	46.49	28.92	0.019057	0.003289	30400
64.0	-31.60	0.0007	45.04	26.53	0.018547	0.003201	31236
66.0	-33.50	0.0004	43.72	24.22	0.016480	0.002845	35153
68.0	-34.80	0.0003	42.52	21.97	0.013558	0.002340	42730
70.0	-35.80	0.0003	41.44	19.80	0.010749	0.001855	53898
72.0	-37.00	0.0002	40.47	17.67	0.008522	0.001471	67977
74.0	-37.50	0.0002	39.60	15.60	0.006097	0.001052	95013
76.0	-37.00	0.0002	38.85	13.56	0.004455	0.000769	130055
78.0	-38.30	0.0001	38.20	11.56	0.002654	0.000458	218270
80.0	-40.00	0.0001	37.65	9.59	0.001934	0.000334	299574
82.0	-40.00	0.0001	37.20	7.64	0.001599	0.000276	362263
84.0	-40.00	0.0001	36.85	5.72	0.001614	0.000279	358893
86.0	-40.00	0.0001	36.60	3.80	0.001043	0.000180	555525
88.0	-40.00	0.0001	36.45	1.90	0.000830	0.000143	698126
90.0	-40.00	0.0001	36.40	0.00	0.000825	0.000142	702515

Verizon Wireless
Milford CT 2
ANDREW:DB846H80E-SX Antenna Worksheet (310 Sector)

Maximum Permissible Exposure (MPE): 579.33

ERP (Watts):	250	Height (feet):	126	Frequency (MHz):	869	Downtilt (Degrees):	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (µW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.08	31162.06	0.000009	0.000001	67486322
1.0	-0.10	0.9772	3116.11	3115.89	0.000859	0.000148	674818
2.0	-0.40	0.9120	1557.90	1557.47	0.003435	0.000593	168670
3.0	-0.80	0.8318	1038.43	1037.79	0.007731	0.001334	74939
4.0	-1.50	0.7079	778.64	777.79	0.013750	0.002373	42134
5.0	-2.30	0.5888	622.72	621.66	0.021497	0.003711	26949
6.0	-3.40	0.4571	518.75	517.47	0.030978	0.005347	18701
7.0	-4.80	0.3311	444.45	442.96	0.042201	0.007284	13727
8.0	-6.50	0.2239	388.70	386.99	0.054729	0.009447	10585
9.0	-8.60	0.1380	345.32	343.39	0.068181	0.011769	8496
10.0	-11.00	0.0794	310.59	308.45	0.080638	0.013919	7184
12.0	-15.90	0.0257	258.45	255.88	0.099426	0.017162	5826
14.0	-15.40	0.0288	221.16	218.14	0.113421	0.019578	5107
16.0	-13.30	0.0468	193.14	189.67	0.110361	0.019050	5249
18.0	-12.90	0.0513	171.30	167.39	0.090785	0.015671	6381
20.0	-14.10	0.0389	153.80	149.43	0.062736	0.010829	9234
22.0	-17.20	0.0191	139.45	134.62	0.037330	0.006444	15519
24.0	-22.90	0.0051	127.47	122.16	0.031236	0.005392	18546
26.0	-27.50	0.0018	117.30	111.51	0.036855	0.006362	15719
28.0	-22.20	0.0060	108.57	102.29	0.042962	0.007416	13484
30.0	-19.30	0.0117	100.99	94.20	0.049574	0.008557	11686
32.0	-18.40	0.0145	94.35	87.04	0.056680	0.009784	10221
34.0	-18.90	0.0129	88.47	80.63	0.056067	0.009678	10332
36.0	-20.60	0.0087	83.24	74.86	0.043046	0.007430	13458
38.0	-23.50	0.0045	78.56	69.61	0.027354	0.004722	21178
40.0	-27.80	0.0017	74.34	64.82	0.027511	0.004749	21058
42.0	-31.40	0.0007	70.53	60.40	0.030489	0.005263	19001
44.0	-29.20	0.0012	67.06	56.32	0.033583	0.005797	17250
46.0	-26.30	0.0023	63.91	52.52	0.036973	0.006382	15669
48.0	-24.90	0.0032	61.02	48.97	0.040434	0.006979	14327
50.0	-24.40	0.0036	58.38	45.64	0.040881	0.007057	14171
52.0	-24.60	0.0035	55.95	42.49	0.032328	0.005580	17920
54.0	-25.30	0.0030	53.73	39.52	0.019386	0.003346	29883
56.0	-26.00	0.0025	51.68	36.69	0.014512	0.002505	39921
58.0	-26.50	0.0022	49.80	33.99	0.016138	0.002786	35897
60.0	-26.60	0.0022	48.08	31.40	0.017299	0.002986	33489
62.0	-26.50	0.0022	46.49	28.92	0.018299	0.003159	31660
64.0	-26.20	0.0024	45.04	26.53	0.019485	0.003363	29732
66.0	-25.90	0.0026	43.72	24.22	0.020105	0.003470	28815
68.0	-25.90	0.0026	42.52	21.97	0.017814	0.003075	32521
70.0	-25.90	0.0026	41.44	19.80	0.016085	0.002776	36017
72.0	-26.10	0.0025	40.47	17.67	0.016945	0.002925	34188
74.0	-26.40	0.0023	39.60	15.60	0.017425	0.003008	33247
76.0	-26.80	0.0021	38.85	13.56	0.017934	0.003096	32303
78.0	-27.20	0.0019	38.20	11.56	0.018388	0.003174	31505
80.0	-27.60	0.0017	37.65	9.59	0.018558	0.003203	31216
82.0	-28.30	0.0015	37.20	7.64	0.017444	0.003011	33211
84.0	-29.00	0.0013	36.85	5.72	0.015785	0.002725	36702
86.0	-29.80	0.0010	36.60	3.80	0.013898	0.002399	41685
88.0	-30.70	0.0009	36.45	1.90	0.011368	0.001962	50961
90.0	-31.70	0.0007	36.40	0.00	0.008864	0.001530	65354

Verizon Wireless
Milford CT 2
ANDREW:DB846H80E-SX Antenna Worksheet (310 Sector)

Maximum Permissible Exposure (MPE): 579.33

ERP (Watts):	250	Height (feet):	126	Frequency (MHz):	869	Downtilt (Degrees):	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.01	0.9977	31162.08	31162.06	0.000009	0.000001	67486322
1.0	-0.10	0.9772	3116.11	3115.89	0.000859	0.000148	674818
2.0	-0.40	0.9120	1557.90	1557.47	0.003435	0.000593	168670
3.0	-0.80	0.8318	1038.43	1037.79	0.007731	0.001334	74939
4.0	-1.50	0.7079	778.64	777.79	0.013750	0.002373	42134
5.0	-2.30	0.5888	622.72	621.66	0.021497	0.003711	26949
6.0	-3.40	0.4571	518.75	517.47	0.030978	0.005347	18701
7.0	-4.80	0.3311	444.45	442.96	0.042201	0.007284	13727
8.0	-6.50	0.2239	388.70	386.99	0.054729	0.009447	10585
9.0	-8.60	0.1380	345.32	343.39	0.068181	0.011769	8496
10.0	-11.00	0.0794	310.59	308.45	0.080638	0.013919	7184
12.0	-15.90	0.0257	258.45	255.88	0.099426	0.017162	5826
14.0	-15.40	0.0288	221.16	218.14	0.113421	0.019578	5107
16.0	-13.30	0.0468	193.14	189.67	0.110361	0.019050	5249
18.0	-12.90	0.0513	171.30	167.39	0.090785	0.015671	6381
20.0	-14.10	0.0389	153.80	149.43	0.062736	0.010829	9234
22.0	-17.20	0.0191	139.45	134.62	0.037330	0.006444	15519
24.0	-22.90	0.0051	127.47	122.16	0.031236	0.005392	18546
26.0	-27.50	0.0018	117.30	111.51	0.036855	0.006362	15719
28.0	-22.20	0.0060	108.57	102.29	0.042962	0.007416	13484
30.0	-19.30	0.0117	100.99	94.20	0.049574	0.008557	11686
32.0	-18.40	0.0145	94.35	87.04	0.056680	0.009784	10221
34.0	-18.90	0.0129	88.47	80.63	0.056067	0.009678	10332
36.0	-20.60	0.0087	83.24	74.86	0.043046	0.007430	13458
38.0	-23.50	0.0045	78.56	69.61	0.027354	0.004722	21178
40.0	-27.80	0.0017	74.34	64.82	0.027511	0.004749	21058
42.0	-31.40	0.0007	70.53	60.40	0.030489	0.005263	19001
44.0	-29.20	0.0012	67.06	56.32	0.033583	0.005797	17250
46.0	-26.30	0.0023	63.91	52.52	0.036973	0.006382	15669
48.0	-24.90	0.0032	61.02	48.97	0.040434	0.006979	14327
50.0	-24.40	0.0036	58.38	45.64	0.040881	0.007057	14171
52.0	-24.60	0.0035	55.95	42.49	0.032328	0.005580	17920
54.0	-25.30	0.0030	53.73	39.52	0.019386	0.003346	29883
56.0	-26.00	0.0025	51.68	36.69	0.014512	0.002505	39921
58.0	-26.50	0.0022	49.80	33.99	0.016138	0.002786	35897
60.0	-26.60	0.0022	48.08	31.40	0.017299	0.002986	33489
62.0	-26.50	0.0022	46.49	28.92	0.018299	0.003159	31660
64.0	-26.20	0.0024	45.04	26.53	0.019485	0.003363	29732
66.0	-25.90	0.0026	43.72	24.22	0.020105	0.003470	28815
68.0	-25.90	0.0026	42.52	21.97	0.017814	0.003075	32521
70.0	-25.90	0.0026	41.44	19.80	0.016085	0.002776	36017
72.0	-26.10	0.0025	40.47	17.67	0.016945	0.002925	34188
74.0	-26.40	0.0023	39.60	15.60	0.017425	0.003008	33247
76.0	-26.80	0.0021	38.85	13.56	0.017934	0.003096	32303
78.0	-27.20	0.0019	38.20	11.56	0.018388	0.003174	31505
80.0	-27.60	0.0017	37.65	9.59	0.018558	0.003203	31216
82.0	-28.30	0.0015	37.20	7.64	0.017444	0.003011	33211
84.0	-29.00	0.0013	36.85	5.72	0.015785	0.002725	36702
86.0	-29.80	0.0010	36.60	3.80	0.013898	0.002399	41685
88.0	-30.70	0.0009	36.45	1.90	0.011368	0.001962	50961
90.0	-31.70	0.0007	36.40	0.00	0.008864	0.001530	65354

Verizon Wireless
Milford CT 2
Powerwave:P65-16-XL-2 Antenna Worksheet (310 Sector)

Maximum Permissible Exposure (MPE):				497.33			
ERP (Watts):	500	**Height (feet):**	126	**Frequency (MHz):**	746	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	0.00	1.0000	31162.08	31162.06	0.000017	0.000003	28967089
1.0	0.00	1.0000	3116.11	3115.89	0.001717	0.000345	289651
2.0	-0.90	0.8128	1557.90	1557.47	0.006869	0.001381	72398
3.0	-2.70	0.5370	1038.43	1037.79	0.015461	0.003109	32166
4.0	-5.80	0.2630	778.64	777.79	0.027500	0.005529	18085
5.0	-11.30	0.0741	622.72	621.66	0.042015	0.008448	11837
6.0	-21.50	0.0071	518.75	517.47	0.060546	0.012174	8214
7.0	-14.90	0.0324	444.45	442.96	0.082481	0.016585	6029
8.0	-10.50	0.0891	388.70	386.99	0.110348	0.022188	4506
9.0	-9.20	0.1202	345.32	343.39	0.138416	0.027832	3593
10.0	-9.80	0.1047	310.59	308.45	0.149535	0.030067	3325
12.0	-17.00	0.0200	258.45	255.88	0.129915	0.026122	3828
14.0	-23.20	0.0048	221.16	218.14	0.068176	0.013708	7294
16.0	-16.20	0.0240	193.14	189.67	0.060664	0.012198	8198
18.0	-20.40	0.0091	171.30	167.39	0.077108	0.015504	6449
20.0	-25.30	0.0030	153.80	149.43	0.096015	0.019306	5179
22.0	-19.90	0.0102	139.45	134.62	0.095851	0.019273	5188
24.0	-26.80	0.0021	127.47	122.16	0.043891	0.008825	11331
26.0	-20.20	0.0095	117.30	111.51	0.036011	0.007241	13810
28.0	-13.60	0.0437	108.57	102.29	0.042084	0.008462	11817
30.0	-12.60	0.0550	100.99	94.20	0.047351	0.009521	10503
32.0	-15.20	0.0302	94.35	87.04	0.054695	0.010998	9092
34.0	-23.10	0.0049	88.47	80.63	0.118068	0.023740	4212
36.0	-32.40	0.0006	83.24	74.86	0.154535	0.031073	3218
38.0	-24.60	0.0035	78.56	69.61	0.172952	0.034776	2875
40.0	-29.50	0.0011	74.34	64.82	0.192484	0.038703	2583
42.0	-30.00	0.0010	70.53	60.40	0.213128	0.042854	2333
44.0	-20.90	0.0081	67.06	56.32	0.235468	0.047346	2112
46.0	-18.10	0.0155	63.91	52.52	0.257352	0.051746	1932
48.0	-18.20	0.0151	61.02	48.97	0.185055	0.037209	2687
50.0	-20.60	0.0087	58.38	45.64	0.049544	0.009962	10038
52.0	-25.00	0.0032	55.95	42.49	0.069876	0.014050	7117
54.0	-32.40	0.0006	53.73	39.52	0.113285	0.022779	4390
56.0	-44.70	0.0000	51.68	36.69	0.124476	0.025029	3995
58.0	-35.00	0.0003	49.80	33.99	0.133571	0.026857	3723
60.0	-31.30	0.0007	48.08	31.40	0.142253	0.028603	3496
62.0	-29.20	0.0012	46.49	28.92	0.151507	0.030464	3282
64.0	-28.90	0.0013	45.04	26.53	0.122479	0.024627	4060
66.0	-30.10	0.0010	43.72	24.22	0.049821	0.010018	9982
68.0	-32.50	0.0006	42.52	21.97	0.016239	0.003265	30624
70.0	-34.50	0.0004	41.44	19.80	0.016519	0.003322	30106
72.0	-34.70	0.0003	40.47	17.67	0.017130	0.003444	29033
74.0	-34.70	0.0003	39.60	15.60	0.017823	0.003584	27904
76.0	-34.70	0.0003	38.85	13.56	0.017428	0.003504	28535
78.0	-35.60	0.0003	38.20	11.56	0.010177	0.002046	48866
80.0	-37.30	0.0002	37.65	9.59	0.005558	0.001118	89478
82.0	-37.80	0.0002	37.20	7.64	0.005403	0.001086	92048
84.0	-38.80	0.0001	36.85	5.72	0.005394	0.001085	92205
86.0	-41.00	0.0001	36.60	3.80	0.003644	0.000733	136477
88.0	-43.20	0.0000	36.45	1.90	0.002748	0.000553	180965
90.0	-48.20	0.0000	36.40	0.00	0.001722	0.000346	288728

Verizon Wireless
Milford CT 2
ANDREW:LNX-6514DS-VTM Antenna Worksheet (60 Sector)

Maximum Permissible Exposure (MPE):				497.33			
ERP (Watts):	500	**Height (feet):**	126	**Frequency (MHz):**	746	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-1.12	0.7732	31162.08	31162.06	0.000017	0.000003	28967089
1.0	-0.64	0.8630	3116.11	3115.89	0.001717	0.000345	289651
2.0	-0.28	0.9376	1557.90	1557.47	0.006869	0.001381	72398
3.0	-0.06	0.9863	1038.43	1037.79	0.015461	0.003109	32166
4.0	0.00	1.0000	778.64	777.79	0.027500	0.005529	18085
5.0	-0.08	0.9817	622.72	621.66	0.042994	0.008645	11567
6.0	-0.32	0.9290	518.75	517.47	0.061956	0.012458	8027
7.0	-0.70	0.8511	444.45	442.96	0.084402	0.016971	5892
8.0	-1.25	0.7499	388.70	386.99	0.110349	0.022188	4506
9.0	-1.97	0.6353	345.32	343.39	0.139817	0.028113	3557
10.0	-2.90	0.5129	310.59	308.45	0.172829	0.034751	2877
12.0	-5.46	0.2844	258.45	255.88	0.249594	0.050186	1992
14.0	-9.32	0.1169	221.16	218.14	0.302573	0.060839	1643
16.0	-15.80	0.0263	193.14	189.67	0.347981	0.069969	1429
18.0	-29.70	0.0011	171.30	167.39	0.394308	0.079284	1261
20.0	-18.69	0.0135	153.80	149.43	0.441698	0.088813	1125
22.0	-14.44	0.0360	139.45	134.62	0.441902	0.088854	1125
24.0	-13.09	0.0491	127.47	122.16	0.355734	0.071528	1398
26.0	-13.22	0.0476	117.30	111.51	0.245649	0.049393	2024
28.0	-14.35	0.0367	108.57	102.29	0.131630	0.026467	3778
30.0	-16.49	0.0224	100.99	94.20	0.097206	0.019545	5116
32.0	-20.14	0.0097	94.35	87.04	0.111046	0.022328	4478
34.0	-25.98	0.0025	88.47	80.63	0.126204	0.025376	3940
36.0	-35.36	0.0003	83.24	74.86	0.142053	0.028563	3501
38.0	-31.81	0.0007	78.56	69.61	0.159372	0.032045	3120
40.0	-27.91	0.0016	74.34	64.82	0.177503	0.035691	2801
42.0	-27.07	0.0020	70.53	60.40	0.186085	0.037416	2672
44.0	-28.03	0.0016	67.06	56.32	0.164703	0.033117	3019
46.0	-30.64	0.0009	63.91	52.52	0.120078	0.024144	4141
48.0	-35.63	0.0003	61.02	48.97	0.065169	0.013104	7631
50.0	-46.97	0.0000	58.38	45.64	0.022781	0.004581	21831
52.0	-42.38	0.0001	55.95	42.49	0.014495	0.002915	34310
54.0	-36.52	0.0002	53.73	39.52	0.015559	0.003129	31964
56.0	-34.28	0.0004	51.68	36.69	0.016806	0.003379	29592
58.0	-33.72	0.0004	49.80	33.99	0.017986	0.003617	27651
60.0	-34.03	0.0004	48.08	31.40	0.014657	0.002947	33931
62.0	-34.75	0.0003	46.49	28.92	0.007274	0.001463	68367
64.0	-35.81	0.0003	45.04	26.53	0.005065	0.001018	98188
66.0	-37.37	0.0002	43.72	24.22	0.005296	0.001065	93909
68.0	-39.05	0.0001	42.52	21.97	0.005599	0.001126	88832
70.0	-40.72	0.0001	41.44	19.80	0.005776	0.001161	86098
72.0	-43.16	0.0000	40.47	17.67	0.005877	0.001182	84630
74.0	-45.46	0.0000	39.60	15.60	0.005085	0.001023	97796
76.0	-47.08	0.0000	38.85	13.56	0.003722	0.000748	133616
78.0	-48.18	0.0000	38.20	11.56	0.002347	0.000472	211924
80.0	-50.54	0.0000	37.65	9.59	0.001323	0.000266	375835
82.0	-57.83	0.0000	37.20	7.64	0.000675	0.000136	737116
84.0	-52.95	0.0000	36.85	5.72	0.000357	0.000072	1392856
86.0	-50.06	0.0000	36.60	3.80	0.000235	0.000047	2116955
88.0	-49.33	0.0000	36.45	1.90	0.000260	0.000052	1910094
90.0	-48.56	0.0000	36.40	0.00	0.000257	0.000052	1938592

Verizon Wireless
Milford CT 2
ANDREW:LNX-6514DS-VTM Antenna Worksheet (170 Sector)

Maximum Permissible Exposure (MPE):				497.33			
ERP (Watts):	500	**Height (feet):**	126	**Frequency (MHz):**	746	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-1.12	0.7732	31162.08	31162.06	0.000017	0.000003	28967087
1.0	-0.64	0.8630	3116.11	3115.89	0.001717	0.000345	289651
2.0	-0.28	0.9376	1557.90	1557.47	0.006869	0.001381	72398
3.0	-0.06	0.9863	1038.43	1037.79	0.015461	0.003109	32166
4.0	0.00	1.0000	778.64	777.79	0.027500	0.005529	18085
5.0	-0.08	0.9817	622.72	621.66	0.042994	0.008645	11567
6.0	-0.32	0.9290	518.75	517.47	0.061956	0.012458	8027
7.0	-0.70	0.8511	444.45	442.96	0.084402	0.016971	5892
8.0	-1.25	0.7499	388.70	386.99	0.110349	0.022188	4506
9.0	-1.97	0.6353	345.32	343.39	0.139817	0.028113	3557
10.0	-2.90	0.5129	310.59	308.45	0.172829	0.034751	2877
12.0	-5.46	0.2844	258.45	255.88	0.249594	0.050186	1992
14.0	-9.32	0.1169	221.16	218.14	0.302573	0.060839	1643
16.0	-15.80	0.0263	193.14	189.67	0.347981	0.069969	1429
18.0	-29.70	0.0011	171.30	167.39	0.394308	0.079284	1261
20.0	-18.69	0.0135	153.80	149.43	0.441698	0.088813	1125
22.0	-14.44	0.0360	139.45	134.62	0.442199	0.088914	1124
24.0	-13.09	0.0491	127.47	122.16	0.355416	0.071464	1399
26.0	-13.22	0.0476	117.30	111.51	0.245459	0.049355	2026
28.0	-14.35	0.0367	108.57	102.29	0.131630	0.026467	3778
30.0	-16.49	0.0224	100.99	94.20	0.097206	0.019545	5116
32.0	-20.14	0.0097	94.35	87.04	0.111046	0.022328	4478
34.0	-25.98	0.0025	88.47	80.63	0.126033	0.025342	3946
36.0	-35.36	0.0003	83.24	74.86	0.142287	0.028610	3495
38.0	-31.81	0.0007	78.56	69.61	0.159088	0.031988	3126
40.0	-27.91	0.0016	74.34	64.82	0.177503	0.035691	2801
42.0	-27.07	0.0020	70.53	60.40	0.186085	0.037416	2672
44.0	-28.03	0.0016	67.06	56.32	0.164287	0.033034	3027
46.0	-30.64	0.0009	63.91	52.52	0.120411	0.024211	4130
48.0	-35.63	0.0003	61.02	48.97	0.064934	0.013057	7659
50.0	-46.97	0.0000	58.38	45.64	0.022781	0.004581	21831
52.0	-42.38	0.0001	55.95	42.49	0.014495	0.002915	34310
54.0	-36.52	0.0002	53.73	39.52	0.015638	0.003144	31803
56.0	-34.28	0.0004	51.68	36.69	0.016806	0.003379	29592
58.0	-33.72	0.0004	49.80	33.99	0.017986	0.003617	27651
60.0	-34.03	0.0004	48.08	31.40	0.014761	0.002968	33692
62.0	-34.75	0.0003	46.49	28.92	0.007274	0.001463	68367
64.0	-35.81	0.0003	45.04	26.53	0.005065	0.001018	98188
66.0	-37.37	0.0002	43.72	24.22	0.005343	0.001074	93078
68.0	-39.05	0.0001	42.52	21.97	0.005599	0.001126	88832
70.0	-40.72	0.0001	41.44	19.80	0.005776	0.001161	86098
72.0	-43.16	0.0000	40.47	17.67	0.005809	0.001168	85609
74.0	-45.46	0.0000	39.60	15.60	0.005085	0.001023	97796
76.0	-47.08	0.0000	38.85	13.56	0.003722	0.000748	133616
78.0	-48.18	0.0000	38.20	11.56	0.002385	0.000480	208524
80.0	-50.54	0.0000	37.65	9.59	0.001348	0.000271	369016
82.0	-57.83	0.0000	37.20	7.64	0.000675	0.000136	737116
84.0	-52.95	0.0000	36.85	5.72	0.000357	0.000072	1392856
86.0	-50.06	0.0000	36.60	3.80	0.000235	0.000047	2116955
88.0	-49.33	0.0000	36.45	1.90	0.000268	0.000054	1853947
90.0	-48.56	0.0000	36.40	0.00	0.000265	0.000053	1874936

Youghiogheny (MetroPCS)
Milford CT 2
RFS:APXV18-206517S-C Antenna Worksheet (30 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	660	**Height (feet):**	175	**Frequency (MHz):**	2130	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.07	0.9849	31162.10	31162.06	0.000023	0.000002	44124921
1.0	-0.66	0.8590	3116.32	3115.89	0.002266	0.000227	441279
2.0	-2.39	0.5768	1558.32	1557.47	0.009063	0.000906	110342
3.0	-5.43	0.2864	1039.06	1037.79	0.020384	0.002038	49057
4.0	-10.24	0.0946	779.48	777.79	0.036138	0.003614	27671
5.0	-16.89	0.0205	623.78	621.66	0.056560	0.005656	17680
6.0	-18.49	0.0142	520.01	517.47	0.073993	0.007399	13514
7.0	-17.51	0.0177	445.92	442.96	0.076240	0.007624	13116
8.0	-20.23	0.0095	390.38	386.99	0.059561	0.005956	16789
9.0	-27.16	0.0019	347.21	343.39	0.033274	0.003327	30053
10.0	-20.04	0.0099	312.69	308.45	0.016326	0.001633	61253
12.0	-14.39	0.0364	260.98	255.88	0.014258	0.001426	70135
14.0	-20.48	0.0090	224.10	218.14	0.019349	0.001935	51683
16.0	-21.89	0.0065	196.50	189.67	0.025133	0.002513	39788
18.0	-17.33	0.0185	175.09	167.39	0.031012	0.003101	32245
20.0	-23.45	0.0045	158.00	149.43	0.020750	0.002075	48193
22.0	-21.77	0.0067	144.07	134.62	0.024478	0.002448	40853
24.0	-20.74	0.0084	132.51	122.16	0.028989	0.002899	34496
26.0	-36.50	0.0002	122.76	111.51	0.020150	0.002015	49628
28.0	-21.70	0.0068	114.45	102.29	0.022125	0.002213	45197
30.0	-19.94	0.0101	107.28	94.20	0.025095	0.002509	39848
32.0	-24.11	0.0039	101.05	87.04	0.027981	0.002798	35738
34.0	-27.01	0.0020	95.59	80.63	0.031367	0.003137	31880
36.0	-28.09	0.0016	90.77	74.86	0.034225	0.003423	29218
38.0	-31.09	0.0008	86.50	69.61	0.021373	0.002137	46788
40.0	-25.22	0.0030	82.69	64.82	0.015576	0.001558	64199
42.0	-25.21	0.0030	79.27	60.40	0.016858	0.001686	59318
44.0	-31.83	0.0007	76.21	56.32	0.018145	0.001814	55112
46.0	-27.45	0.0018	73.45	52.52	0.027507	0.002751	36353
48.0	-22.91	0.0051	70.95	48.97	0.031664	0.003166	31581
50.0	-22.86	0.0052	68.69	45.64	0.033570	0.003357	29788
52.0	-25.79	0.0026	66.64	42.49	0.035441	0.003544	28215
54.0	-31.29	0.0007	64.79	39.52	0.036770	0.003677	27196
56.0	-38.44	0.0001	63.10	36.69	0.037438	0.003744	26711
58.0	-42.00	0.0001	61.57	33.99	0.024163	0.002416	41385
60.0	-38.13	0.0002	60.18	31.40	0.008302	0.000830	120450
62.0	-35.61	0.0003	58.92	28.92	0.003593	0.000359	278323
64.0	-33.89	0.0004	57.79	26.53	0.004020	0.000402	248782
66.0	-33.59	0.0004	56.76	24.22	0.004072	0.000407	245567
68.0	-33.74	0.0004	55.85	21.97	0.004244	0.000424	235626
70.0	-34.49	0.0004	55.02	19.80	0.004264	0.000426	234505
72.0	-35.81	0.0003	54.30	17.67	0.004420	0.000442	226218
74.0	-38.15	0.0002	53.66	15.60	0.004309	0.000431	232088
76.0	-39.43	0.0001	53.10	13.56	0.003563	0.000356	280683
78.0	-40.87	0.0001	52.63	11.56	0.002552	0.000255	391796
80.0	-41.08	0.0001	52.23	9.59	0.001556	0.000156	642775
82.0	-41.11	0.0001	51.91	7.64	0.001200	0.000120	833100
84.0	-40.61	0.0001	51.66	5.72	0.001149	0.000115	870234
86.0	-40.14	0.0001	51.48	3.80	0.001303	0.000130	767236
88.0	-39.84	0.0001	51.38	1.90	0.001611	0.000161	620785
90.0	-39.29	0.0001	51.34	0.00	0.002051	0.000205	487452

Youghiogheny (MetroPCS)
Milford CT 2
RFS:APXV18-206517S-C Antenna Worksheet (150 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	660	**Height (feet):**	175	**Frequency (MHz):**	2130	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.07	0.9849	31162.10	31162.06	0.000023	0.000002	44124921
1.0	-0.66	0.8590	3116.32	3115.89	0.002266	0.000227	441279
2.0	-2.39	0.5768	1558.32	1557.47	0.009063	0.000906	110342
3.0	-5.43	0.2864	1039.06	1037.79	0.020384	0.002038	49057
4.0	-10.24	0.0946	779.48	777.79	0.036221	0.003622	27608
5.0	-16.89	0.0205	623.78	621.66	0.056430	0.005643	17720
6.0	-18.49	0.0142	520.01	517.47	0.073971	0.007397	13518
7.0	-17.51	0.0177	445.92	442.96	0.076287	0.007629	13108
8.0	-20.23	0.0095	390.38	386.99	0.059615	0.005962	16774
9.0	-27.16	0.0019	347.21	343.39	0.033312	0.003331	30018
10.0	-20.04	0.0099	312.69	308.45	0.016303	0.001630	61338
12.0	-14.39	0.0364	260.98	255.88	0.014282	0.001428	70015
14.0	-20.48	0.0090	224.10	218.14	0.019306	0.001931	51798
16.0	-21.89	0.0065	196.50	189.67	0.025065	0.002506	39896
18.0	-17.33	0.0185	175.09	167.39	0.031123	0.003112	32130
20.0	-23.45	0.0045	158.00	149.43	0.020668	0.002067	48383
22.0	-21.77	0.0067	144.07	134.62	0.024583	0.002458	40677
24.0	-20.74	0.0084	132.51	122.16	0.028846	0.002885	34666
26.0	-36.50	0.0002	122.76	111.51	0.020041	0.002004	49898
28.0	-21.70	0.0068	114.45	102.29	0.021994	0.002199	45466
30.0	-19.94	0.0101	107.28	94.20	0.024932	0.002493	40109
32.0	-24.11	0.0039	101.05	87.04	0.028183	0.002818	35482
34.0	-27.01	0.0020	95.59	80.63	0.031128	0.003113	32125
36.0	-28.09	0.0016	90.77	74.86	0.034502	0.003450	28983
38.0	-31.09	0.0008	86.50	69.61	0.021186	0.002119	47200
40.0	-25.22	0.0030	82.69	64.82	0.015433	0.001543	64797
42.0	-25.21	0.0030	79.27	60.40	0.016694	0.001669	59902
44.0	-31.83	0.0007	76.21	56.32	0.017958	0.001796	55686
46.0	-27.45	0.0018	73.45	52.52	0.027811	0.002781	35957
48.0	-22.91	0.0051	70.95	48.97	0.031296	0.003130	31952
50.0	-22.86	0.0052	68.69	45.64	0.033168	0.003317	30149
52.0	-25.79	0.0026	66.64	42.49	0.034998	0.003500	28572
54.0	-31.29	0.0007	64.79	39.52	0.037260	0.003726	26838
56.0	-38.44	0.0001	63.10	36.69	0.036917	0.003692	27087
58.0	-42.00	0.0001	61.57	33.99	0.023819	0.002382	41982
60.0	-38.13	0.0002	60.18	31.40	0.008428	0.000843	118650
62.0	-35.61	0.0003	58.92	28.92	0.003649	0.000365	274063
64.0	-33.89	0.0004	57.79	26.53	0.003956	0.000396	252766
66.0	-33.59	0.0004	56.76	24.22	0.004140	0.000414	241555
68.0	-33.74	0.0004	55.85	21.97	0.004174	0.000417	239587
70.0	-34.49	0.0004	55.02	19.80	0.004338	0.000434	230510
72.0	-35.81	0.0003	54.30	17.67	0.004346	0.000435	230115
74.0	-38.15	0.0002	53.66	15.60	0.004235	0.000423	236145
76.0	-39.43	0.0001	53.10	13.56	0.003624	0.000362	275973
78.0	-40.87	0.0001	52.63	11.56	0.002597	0.000260	385098
80.0	-41.08	0.0001	52.23	9.59	0.001582	0.000158	632159
82.0	-41.11	0.0001	51.91	7.64	0.001181	0.000118	846750
84.0	-40.61	0.0001	51.66	5.72	0.001167	0.000117	856571
86.0	-40.14	0.0001	51.48	3.80	0.001323	0.000132	755642
88.0	-39.84	0.0001	51.38	1.90	0.001633	0.000163	612185
90.0	-39.29	0.0001	51.34	0.00	0.002025	0.000202	493899

Youghiogheny (MetroPCS)
Milford CT 2
RFS:APXV18-206517S-C Antenna Worksheet (270 Sector)

Maximum Permissible Exposure (MPE):				1000			
ERP (Watts):	660	**Height (feet):**	175	**Frequency (MHz):**	2130	**Downtilt (Degrees):**	0.0

Depression Angle (degrees)	Relative dB	Relative Gain	Slant Distance (meters)	Dist From Structure (meters)	Power Density (μW/cm^2)	Percent of MPE	Times Below MPE
0.1	-0.07	0.9849	31162.10	31162.06	0.000023	0.000002	44124921
1.0	-0.66	0.8590	3116.32	3115.89	0.002266	0.000227	441279
2.0	-2.39	0.5768	1558.32	1557.47	0.009063	0.000906	110342
3.0	-5.43	0.2864	1039.06	1037.79	0.020384	0.002038	49057
4.0	-10.24	0.0946	779.48	777.79	0.036138	0.003614	27671
5.0	-16.89	0.0205	623.78	621.66	0.056430	0.005643	17720
6.0	-18.49	0.0142	520.01	517.47	0.073971	0.007397	13518
7.0	-17.51	0.0177	445.92	442.96	0.076240	0.007624	13116
8.0	-20.23	0.0095	390.38	386.99	0.059561	0.005956	16789
9.0	-27.16	0.0019	347.21	343.39	0.033274	0.003327	30053
10.0	-20.04	0.0099	312.69	308.45	0.016303	0.001630	61338
12.0	-14.39	0.0364	260.98	255.88	0.014258	0.001426	70135
14.0	-20.48	0.0090	224.10	218.14	0.019306	0.001931	51798
16.0	-21.89	0.0065	196.50	189.67	0.025065	0.002506	39896
18.0	-17.33	0.0185	175.09	167.39	0.031012	0.003101	32245
20.0	-23.45	0.0045	158.00	149.43	0.020668	0.002067	48383
22.0	-21.77	0.0067	144.07	134.62	0.024478	0.002448	40853
24.0	-20.74	0.0084	132.51	122.16	0.028846	0.002885	34666
26.0	-36.50	0.0002	122.76	111.51	0.020041	0.002004	49898
28.0	-21.70	0.0068	114.45	102.29	0.021994	0.002199	45466
30.0	-19.94	0.0101	107.28	94.20	0.024932	0.002493	40109
32.0	-24.11	0.0039	101.05	87.04	0.027981	0.002798	35738
34.0	-27.01	0.0020	95.59	80.63	0.031128	0.003113	32125
36.0	-28.09	0.0016	90.77	74.86	0.034225	0.003423	29218
38.0	-31.09	0.0008	86.50	69.61	0.021186	0.002119	47200
40.0	-25.22	0.0030	82.69	64.82	0.015433	0.001543	64797
42.0	-25.21	0.0030	79.27	60.40	0.016694	0.001669	59902
44.0	-31.83	0.0007	76.21	56.32	0.017958	0.001796	55687
46.0	-27.45	0.0018	73.45	52.52	0.027507	0.002751	36353
48.0	-22.91	0.0051	70.95	48.97	0.031296	0.003130	31952
50.0	-22.86	0.0052	68.69	45.64	0.033168	0.003317	30149
52.0	-25.79	0.0026	66.64	42.49	0.034998	0.003500	28572
54.0	-31.29	0.0007	64.79	39.52	0.036770	0.003677	27196
56.0	-38.44	0.0001	63.10	36.69	0.036917	0.003692	27087
58.0	-42.00	0.0001	61.57	33.99	0.023819	0.002382	41982
60.0	-38.13	0.0002	60.18	31.40	0.008302	0.000830	120450
62.0	-35.61	0.0003	58.92	28.92	0.003593	0.000359	278323
64.0	-33.89	0.0004	57.79	26.53	0.003956	0.000396	252766
66.0	-33.59	0.0004	56.76	24.22	0.004072	0.000407	245567
68.0	-33.74	0.0004	55.85	21.97	0.004174	0.000417	239587
70.0	-34.49	0.0004	55.02	19.80	0.004264	0.000426	234505
72.0	-35.81	0.0003	54.30	17.67	0.004346	0.000435	230115
74.0	-38.15	0.0002	53.66	15.60	0.004235	0.000423	236145
76.0	-39.43	0.0001	53.10	13.56	0.003563	0.000356	280683
78.0	-40.87	0.0001	52.63	11.56	0.002552	0.000255	391796
80.0	-41.08	0.0001	52.23	9.59	0.001556	0.000156	642775
82.0	-41.11	0.0001	51.91	7.64	0.001181	0.000118	846750
84.0	-40.61	0.0001	51.66	5.72	0.001149	0.000115	870234
86.0	-40.14	0.0001	51.48	3.80	0.001303	0.000130	767236
88.0	-39.84	0.0001	51.38	1.90	0.001611	0.000161	620785
90.0	-39.29	0.0001	51.34	0.00	0.002050	0.000205	487727

Passed

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**183 ft Summit Monopole**
ATC Site Name	:	**Milford CT 2, CT**
ATC Site Number	:	**302535**
Proposed Carrier	:	**Computer Hospital Inc.**
Carrier Site Name	:	**N/A**
Carrier Site Number	:	**N/A**
County	:	**New Haven**
Eng. Number	:	**47507823**
Date	:	**June 28, 2011**
Usage	:	**100% Pole Shaft, 89% Anchor Bolts, 82% (Base plate – Approximate)**

Submitted by:
Cesar Rojas
Project Engineer

Cesar Rojas

American Tower Engineering Services
8505 Freeport Parkway
Suite 135
Irving, TX 75063
Phone: 972-999-8900

STATE OF CONNECTICUT
JAIME REYES
No. 17534
LICENSED
PROFESSIONAL ENGINEER
6/28/11

AMERICAN TOWER®
CORPORATION

Structural Analysis Report

Structure	:	**183 ft Summit Monopole**
ATC Site Name	:	**Milford CT 2, CT**
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Submitted by:
Cesar Rojas
Project Engineer

American Tower Engineering Services
8505 Freeport Parkway
Suite 135
Irving, TX 75063
Phone: 972-999-8900

Introduction

The purpose of this report is to summarize results of the structural analysis performed on the 183 ft Summit Monopole located at Milford CT 2, CT, New Haven County (ATC site # 302535). The tower was originally designed and manufactured by Summit Manufacturing (Drawing # 1237-D1 dated September 9, 1994).

The modifications on the existing structure as recommended in the previous ATC Job #42659834 dated: 01/16/2009 were considered in the current analysis.

Analysis

The existing tower was analyzed using Semaan Engineering Solutions, Inc., Software.

Basic Wind Speed: 110.0 mph (3-Second Gust)
Radial Ice: 50.0 mph (3-Second Gust) w/ 1 ¼" ice
Standard/Code: ANSI/TIA-222-G / 2003 IBC / 2005 & 2008 CT Supplement

Antenna Loads

The following antenna loads were used in the tower analysis.

Existing Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (I/O)	Carrier
185.0	1	GPS	Platform with Handrails	(11) 1 5/8 (I) (1)7/8 (I)	Sprint Nextel
	1	48" x 8" Panel			
	3	DB844G65VTZASX			
	6	Andrew DB844H90E-XY			
185.0	2	DragonWave Horizon Compact		(2) ½ (O) (6) 5/16 (O) (2) 2" Conduit (O)	Clearwire
	3	Argus LLPX310R			
	3	NextNet BTS-2500			
	2	DragonWave A-ANT-18G-2-C			
175.0	3	RFS APXV18-206517S-C	Flush Mounts	(6) 1 5/8 (O)	Youghiogheny
167.0	1	Kathrein 800 10764	Platform with Handrails	(2) 8 AWG 7 (I) (1) RG6 (I) (12) 1 ¼ (I)	AT&T Mobility
	1	Raycap DC6-48-60-18-8F			
	6	Ericsson RRUS 11			
	2	KMW AM-X-CD-14-65-00T-RET			
	6	Powerwave LGP21401			
	6	Allgon 7770.00			
	6	LGP Allgon LGP21903			

Existing Antennas (Continuation)

145.0	3	RFS APX16DWV-16DWVS-E-A20	Flush Mounts	(6) 1 5/8 (I) (6) 1 5/8 (O)	T-Mobile
	3	Andrew ETW190VS12UB			
	3	Andrew ETW200VS12UB			
126.0	6	RFS FD9R6004/1C-3L	Platform with Handrails	(12) 1 5/8 (I) (4) ½ (I)	Verizon
	2	Decibel DB846H80E-SX			
	4	Decibel DB846F65ZAXY			
	3	Rymsa MG D3-800			
	1	Powerwave P65-16-XL-2			
	2	Andrew LNX-6514DS-VTM			
50.0	2	E911 Thales tye 8100 VP/360/2	Flush Mount	-	T-Mobile

Proposed Antennas

Elev. (ft)	Qty	Antennas	Mount	Coax (I/O)	Carrier
139.0	1	DA58-32	Stand-Off Mounts	(2) 1/4 (I)	Computer Hospital Inc.
	1	Terrawave RMFLT-2-M5-NJ			
	1	Proxim 5054-R-LR			
	1	Motorola PTP 54600 ODU			
	2	MA-WC50-5X			

Note: (O) – Coax installed outside the pole shaft. (I) – Coax installed inside the pole shaft.

The existing and the proposed transmission lines were considered running inside or outside the pole shaft as indicated above.

Results

The existing 183 ft Summit Monopole with the existing and the proposed antennas is structurally acceptable per ANSI/TIA-222 Rev G standards. The maximum structure usage is: 100% Pole Shaft, 89% Anchor Bolts, and 82% (Base plate – Approximate).

Additional exit and/or entry ports may be required to accommodate the running of the proposed lines to the proposed antennas. These additional ports may not be installed without installation drawings providing the location, size and welding requirements of each port.

To ensure compliance with all conditions of this structural analysis, port installation drawings shall be provided by American Tower's Engineering Department under a subsequent project.

Pole Reactions	Original Design Reactions	Current Analysis Reactions	% Of Design
Moment (ft-kips)	3,658.00	5,697.52	115.4*

* A 1.35 factor was included in the calculations of the percentages per EIA-222-G section 15.5.1

The structure base reactions resulting from this analysis exceed the ones shown on the original structural drawings or calculations. However, upon reviewing the foundation and the soil documents, the existing foundation was found to be adequate to resist the new reactions. Therefore, no modification to the existing foundation is required.

The foundation and connections to the tower have factors of safety exceeding 2.0 with respect to wind

Conclusion

The existing monopole and its foundation were found to be adequate to support the existing and proposed antennas with the transmission line distribution as described above while meeting the requirements of the code or standard as specified in this report.

If you have any questions or require additional information, please call (972) 999-8900.

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, the antenna and feed line loading on the structure and its components, or other relevant information.

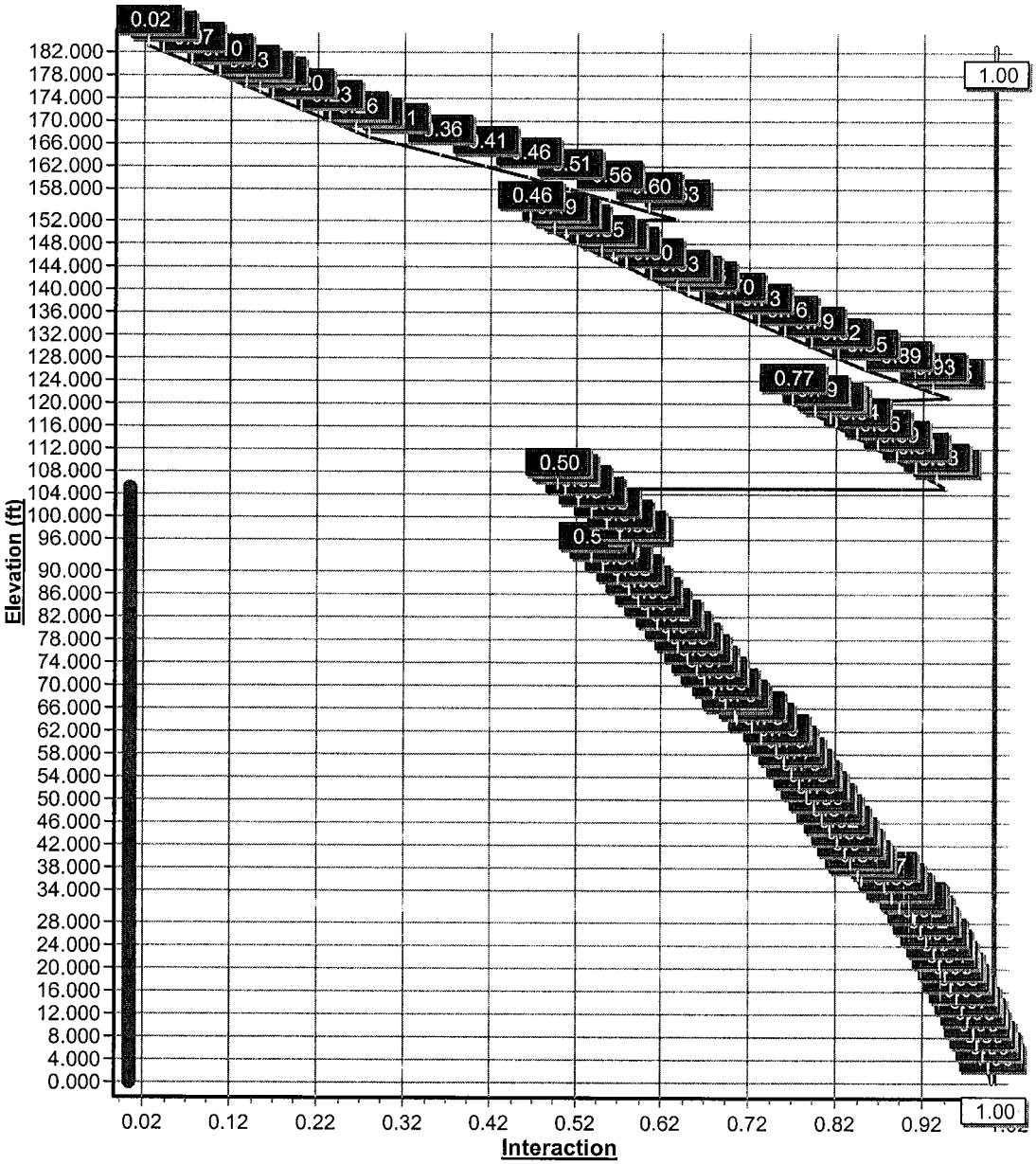
-- Information from drawings in the possession of American Tower Corporation, or generated by field inspections or measurements of the structure.

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

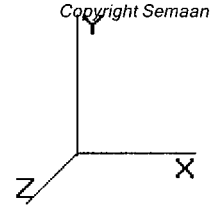
All services will be performed to the codes specified by the client, and we do not imply to meet any other codes or requirements unless explicitly agreed in writing. If wind and ice loads or other relevant parameters are to be different from the minimum values recommended by the codes, the client shall specify the exact requirement. In the absence of information to the contrary, all work will be performed in accordance with the latest relevant revision of ANSI/EIA-222.

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

Load Case : 1.2D + 1.6W
Max Ratio 99.84% at 0.0ft



Pole :	302535	Code: ANSI/TIA-222 Rev G	
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	

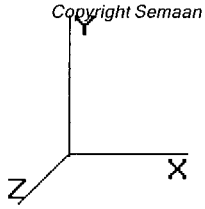


Shaft Section Properties

Sect Num	Length (ft)	Thick (in)	Fy (ksi)	Joint Type	Slip Joint Len (in)	Weight (lb)	Bottom Dia (in)	Bottom Elev (ft)	Bottom Area (sqin)	Bottom Ix (in^4)	Bottom W/t Ratio	Bottom D/t Ratio	Top Dia (in)	Top Elev (ft)	Top Area (sqin)	Top Ix (in^4)	Top W/t Ratio	Top D/t Ratio	Taper (in/ft)
1	35.000	0.5000	50		0.00	8,516	48.62	0.000	76.36	22340.1	15.74	97.24	42.498	35.00	66.65	14852.2	13.58	85.00	0.17492
2	35.000	0.5000	50	Slip Joint	78.00	7,763	44.63	28.50	70.04	17236.7	14.33	89.27	38.513	63.50	60.32	11012.7	12.17	77.03	0.17492
3	35.000	0.3750	60	Slip Joint	66.00	5,215	40.22	58.00	47.43	9515.8	17.50	107.27	34.102	93.00	40.14	5769.4	14.62	90.94	0.17492
4	33.000	0.3125	60	Slip Joint	60.00	3,609	35.60	88.00	35.00	5507.2	18.68	113.93	29.830	121.0	29.28	3222.7	15.42	95.46	0.17492
5	36.000	0.2500	60	Slip Joint	54.00	2,694	31.11	116.5	24.49	2948.2	20.54	124.47	24.820	152.5	19.50	1486.9	16.10	99.28	0.17492
6	34.000	0.1875	60	Slip Joint	42.00	1,559	25.80	149.0	15.25	1264.3	22.86	137.64	19.860	183.0	11.71	572.4	17.27	105.92	0.17492
				Shaft Weight		29,356													

Discrete Appurtenance Properties

Attach Elev (ft)	Description	Qty	No Ice Weight (lb)	No Ice CaAa (sf)	No Ice CaAa Factor	Ice Weight (lb)	Ice CaAa (sf)	Ice CaAa Factor	Distance From Face (ft)	Vert Ecc (ft)
183.00	GPS	1	10.00	1.000	1.00	92.59	1.302	1.00	0.000	2.000
183.00	48" x 8" Panel	1	30.00	6.530	0.78	222.17	5.227	0.78	0.000	2.000
183.00	DB844G65VTZASX	3	16.00	5.890	0.84	318.29	7.092	0.84	0.000	2.000
183.00	Platform with Handrails	1	2000.00	27.200	1.00	4207.53	68.844	1.00	0.000	0.000
183.00	Andrew DB844H90E-XY	6	14.00	3.730	0.91	235.95	5.227	0.91	0.000	2.000
183.00	DragonWave Horizon Compact	2	10.60	0.430	1.00	77.43	0.940	1.00	0.000	2.000
183.00	Argus LLPX310R	3	28.60	4.830	0.75	243.77	5.895	0.75	0.000	2.000
183.00	NextNet BTS-2500	3	35.00	2.120	0.50	84.85	4.636	0.50	0.000	2.000
183.00	DragonWave A-ANT-18G-2-C	2	27.10	4.690	1.00	193.35	6.861	1.00	0.000	2.000
175.00	RFS APXV18-206517S-C	3	26.40	5.160	0.75	267.84	7.342	0.75	0.000	0.000
167.00	Kathrein 800 10764	1	40.80	6.330	1.00	329.92	7.766	1.00	0.000	0.000
167.00	Raycap DC6-48-60-18-8F	1	31.80	1.470	1.00	213.61	3.369	1.00	0.000	0.000
167.00	Ericsson RRUS 11	6	50.00	2.990	0.71	210.83	3.737	0.71	0.000	0.000
167.00	KMW AM-X-CD-14-65-00T-RET	2	36.40	5.500	0.76	291.78	6.726	0.76	0.000	0.000
167.00	Platform with Handrails	1	2000.00	27.200	1.00	4187.43	68.464	1.00	0.000	0.000
167.00	Powerwave LGP21401	6	14.10	1.290	0.50	86.98	1.947	0.50	0.000	0.000
167.00	Allgon 7770.00	6	35.00	5.880	0.78	299.15	7.370	0.78	0.000	0.000
167.00	LGP Allgon LGP21903	6	5.50	0.270	0.50	38.84	0.705	0.50	0.000	0.000
145.00	Flush Mounts	1	200.00	3.500	1.00	779.77	9.588	1.00	0.000	0.000
145.00	RFS APX16DWV-16DWVS-E-	3	41.00	7.220	0.62	306.15	8.529	0.62	0.000	0.000
145.00	Andrew ETW190VS12UB	3	11.00	0.760	0.50	67.15	1.322	0.50	0.000	0.000
145.00	Andrew ETW200VS12UB	3	11.00	0.470	0.50	52.84	0.962	0.50	0.000	0.000
139.00	T-Arms	3	250.00	7.000	0.75	596.39	16.861	0.75	0.000	0.000
139.00	DA58-32	1	100.00	11.370	1.00	301.14	15.072	1.00	0.000	0.000
139.00	Terrawave RMFLT-2-M5-NJ	1	2.90	0.120	1.00	23.38	0.462	1.00	0.000	0.000
139.00	Proxim 5054-R-LR	1	28.66	1.544	1.00	126.16	2.196	1.00	0.000	0.000
139.00	Motorola PTP 54600 ODU	1	12.10	2.040	1.00	113.81	2.731	1.00	0.000	0.000
139.00	MA-WC50-5X	2	11.00	0.640	0.85	62.71	1.199	0.85	0.000	0.000
126.00	RFS FD9R6004/1C-3L	6	3.10	0.370	0.67	34.16	0.815	0.67	0.000	0.000
126.00	Platform with Handrails	1	2000.00	27.200	1.00	4126.66	67.318	1.00	0.000	0.000
126.00	Decibel DB846H80E-SX	2	16.00	5.870	0.91	316.72	7.984	0.91	0.000	0.000
126.00	Decibel DB846F65ZAXY	4	21.00	7.030	0.92	385.43	9.170	0.92	0.000	0.000
126.00	Rymsa MG D3-800	3	16.40	3.450	0.81	186.41	4.872	0.81	0.000	0.000
126.00	Powerwave P65-16-XL-2	1	44.00	8.485	0.75	382.20	10.346	0.75	0.000	0.000
126.00	Andrew LNX-6514DS-VTM	2	33.10	8.330	0.82	404.64	10.287	0.82	0.000	0.000
50.00	E911 Thales tye 8100 VP/360/2	2	7.00	1.000	1.00	46.26	0.744	1.00	0.000	0.000
	Totals	94	8903.06			12119.98			Number of Loadings :	36



Linear Appurtenance Properties

Elev From (ft)	Elev To (ft)	Description	Exposed Width (in)	Exposed To Wind
5.00	183.00	(11) 1 5/8" Coax	0.00	N
5.00	183.00	(2) 1/2" Coax	0.00	Y
5.00	183.00	(2) 2" Conduit	2.38	Y
5.00	183.00	(6) 5/16" Coax	0.00	Y
5.00	183.00	(1) 7/8" Coax	0.00	N
5.00	175.00	(6) 1 5/8" Coax	1.90	Y
5.00	167.00	(12) 1 1/4" Coax	0.00	N
5.00	167.00	(2) 8 AWG 7	0.00	N
5.00	167.00	(1) RG6	0.00	N
5.00	145.00	(6) 1 5/8" Coax	0.00	N
110.00	145.00	(6) 1 5/8" Coax	1.90	Y
5.00	139.00	(2) 1/4" Coax	0.00	N
5.00	126.00	(6) 1 5/8" Coax	0.00	N
5.00	126.00	(6) 1 5/8" Coax	0.00	N
5.00	126.00	(4) 1/2" Coax	0.00	N
0.00	110.00	(2) #20 dywidag bars	2.50	Y
0.00	110.00	(2) #20 dywidag bars	2.50	Y
0.00	110.00	(1) Brackets	2.00	Y
5.00	110.00	(6) 1 5/8" Coax	0.00	Y

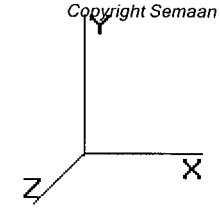
Additional Steel

Elev From (ft)	Elev To (ft)	Qty	Description	Fy (ksi)	Offset (in)	Intermediate Connections — Description	Spacing (in)	Len (in)	Connectors	Continuation?
0.00	105.00	4	SOL #20 All Thread	80	2.08	6" Angle Bracket	30.00	16.00	5/8" A36 U-Bolt	

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

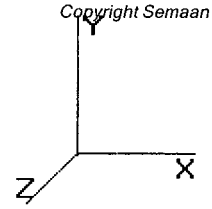
Base Elev : 0.000 (ft)



Segment Properties

(Max Len : 2 ft)

Seg Top Elev (ft)	Description	Thick (in)	Flat Dia (in)	Area (in^2)	Ix (in^4)	W/t Ratio	D/t Ratio	F'y (ksi)	S (in3)	Weight (lb)	Additional Reinforcing Area (in^2)	Additional Reinforcing Ix (in^4)	Additional Reinforcing Weight (lb)
0.00		0.5000	48.620	76.363	22,340.1	15.74	97.24	63.5	905.0	0.0	19.64	7,594.	0.0
2.00		0.5000	48.270	75.808	21,856.4	15.61	96.54	63.5	891.8	517.8	19.64	7,497.	133.6
4.00		0.5000	47.920	75.253	21,379.8	15.49	95.84	63.5	878.8	514.0	19.64	7,401.	133.6
6.00		0.5000	47.570	74.698	20,910.1	15.37	95.14	63.5	865.8	510.2	19.64	7,305.	133.6
8.00		0.5000	47.220	74.143	20,447.3	15.24	94.44	63.5	852.9	506.5	19.64	7,211.	133.6
10.00		0.5000	46.871	73.588	19,991.4	15.12	93.74	63.5	840.1	502.7	19.64	7,116.	133.6
12.00		0.5000	46.521	73.032	19,542.3	15.00	93.04	63.5	827.4	498.9	19.64	7,023.	133.6
14.00		0.5000	46.171	72.477	19,100.1	14.87	92.34	63.5	814.8	495.1	19.64	6,930.	133.6
16.00		0.5000	45.821	71.922	18,664.5	14.75	91.64	63.5	802.3	491.4	19.64	6,838.	133.6
18.00		0.5000	45.471	71.367	18,235.6	14.63	90.94	63.5	789.9	487.6	19.64	6,746.	133.6
20.00		0.5000	45.121	70.812	17,813.3	14.50	90.24	63.5	777.6	483.8	19.64	6,655.	133.6
22.00		0.5000	44.772	70.257	17,397.6	14.38	89.54	63.5	765.4	480.0	19.64	6,564.	133.6
24.00		0.5000	44.422	69.701	16,988.5	14.25	88.84	63.5	753.3	476.2	19.64	6,475.	133.6
26.00		0.5000	44.072	69.146	16,585.8	14.13	88.14	63.5	741.2	472.5	19.64	6,385.	133.6
28.00		0.5000	43.722	68.591	16,189.5	14.01	87.44	63.5	729.3	468.7	19.64	6,297.	133.6
28.50	Bot - Section 2	0.5000	43.635	68.452	16,091.4	13.98	87.27	63.5	726.3	116.6	19.64	6,275.	33.4
30.00		0.5000	43.372	68.036	15,799.5	13.88	86.74	63.5	717.5	704.8	19.64	6,462.	100.2
32.00		0.5000	43.022	67.481	15,415.9	13.76	86.04	63.5	705.8	933.1	19.64	6,373.	133.6
34.00		0.5000	42.673	66.926	15,038.5	13.64	85.35	63.5	694.1	925.5	19.64	6,284.	133.6
35.00	Top - Section 1	0.5000	43.498	68.235	15,938.6	13.93	87.00	63.5	721.7	459.9	19.64	6,240.	66.8
36.00		0.5000	43.323	67.957	15,744.9	13.87	86.65	63.5	715.8	231.7	19.64	6,196.	66.8
38.00		0.5000	42.973	67.402	15,362.1	13.74	85.95	63.5	704.1	460.6	19.64	6,109.	133.6
40.00		0.5000	42.623	66.847	14,985.6	13.62	85.25	63.5	692.5	456.8	19.64	6,023.	133.6
42.00		0.5000	42.273	66.292	14,615.4	13.50	84.55	63.5	681.0	453.0	19.64	5,937.	133.6
44.00		0.5000	41.923	65.737	14,251.2	13.37	83.85	63.5	669.5	449.3	19.64	5,851.	133.6
46.00		0.5000	41.574	65.181	13,893.2	13.25	83.15	63.5	658.2	445.5	19.64	5,766.	133.6
48.00		0.5000	41.224	64.626	13,541.2	13.13	82.45	63.5	647.0	441.7	19.64	5,682.	133.6
50.00		0.5000	40.874	64.071	13,195.2	13.00	81.75	63.5	635.8	437.9	19.64	5,599.	133.6
52.00		0.5000	40.524	63.516	12,855.2	12.88	81.05	63.5	624.8	434.2	19.64	5,516.	133.6
54.00		0.5000	40.174	62.961	12,521.0	12.76	80.35	63.5	613.9	430.4	19.64	5,433.	133.6
56.00		0.5000	39.824	62.406	12,192.7	12.63	79.65	63.5	603.0	426.6	19.64	5,352.	133.6
58.00	Bot - Section 3	0.5000	39.475	61.850	11,870.2	12.51	78.95	63.5	592.3	422.8	19.64	5,271.	133.6
60.00		0.5000	39.125	61.295	11,553.4	12.39	78.25	63.5	581.6	740.4	19.64	5,363.	133.6
62.00		0.5000	38.775	60.740	11,242.4	12.26	77.55	63.5	571.1	733.8	19.64	5,282.	133.6
63.50	Top - Section 2	0.3750	39.263	46.284	8,843.2	17.05	104.70	75.8	443.6	546.0	19.64	5,222.	100.2
64.00		0.3750	39.175	46.180	8,783.6	17.01	104.47	75.9	441.6	78.7	19.64	5,202.	33.4
66.00		0.3750	38.825	45.764	8,548.2	16.85	103.53	76.0	433.7	312.9	19.64	5,122.	133.6
68.00		0.3750	38.475	45.347	8,317.0	16.68	102.60	76.2	425.8	310.0	19.64	5,042.	133.6
70.00		0.3750	38.126	44.931	8,090.0	16.52	101.67	76.2	417.9	307.2	19.64	4,964.	133.6
72.00		0.3750	37.776	44.515	7,867.1	16.35	100.74	76.2	410.2	304.4	19.64	4,886.	133.6
74.00		0.3750	37.426	44.098	7,648.4	16.19	99.80	76.2	402.5	301.5	19.64	4,808.	133.6
76.00		0.3750	37.076	43.682	7,433.8	16.02	98.87	76.2	394.9	298.7	19.64	4,731.	133.6
78.00		0.3750	36.726	43.266	7,223.3	15.86	97.94	76.2	387.4	295.9	19.64	4,655.	133.6
80.00		0.3750	36.376	42.849	7,016.7	15.69	97.00	76.2	379.9	293.0	19.64	4,580.	133.6
82.00		0.3750	36.027	42.433	6,814.1	15.53	96.07	76.2	372.5	290.2	19.64	4,505.	133.6
84.00		0.3750	35.677	42.016	6,615.5	15.36	95.14	76.2	365.2	287.4	19.64	4,430.	133.6
86.00		0.3750	35.327	41.600	6,420.8	15.20	94.21	76.2	358.0	284.5	19.64	4,357.	133.6
88.00	Bot - Section 4	0.3750	34.977	41.184	6,229.9	15.04	93.27	76.2	350.8	281.7	19.64	4,284.	133.6
90.00		0.3750	34.627	40.767	6,042.9	14.87	92.34	76.2	343.7	515.9	19.64	4,341.	133.6
92.00		0.3750	34.277	40.351	5,859.6	14.71	91.41	76.2	336.7	510.7	19.64	4,268.	133.6
93.00	Top - Section 3	0.3125	34.727	34.134	5,107.8	18.18	111.13	74.6	289.7	253.4	19.64	4,232.	66.8
94.00		0.3125	34.553	33.961	5,030.3	18.09	110.57	74.7	286.7	115.9	19.64	4,196.	66.8
96.00		0.3125	34.203	33.614	4,877.7	17.89	109.45	74.9	280.9	229.9	19.64	4,124.	133.6
98.00		0.3125	33.853	33.267	4,728.2	17.69	108.33	75.1	275.1	227.6	19.64	4,053.	133.6
100.0		0.3125	33.503	32.920	4,581.8	17.49	107.21	75.4	269.4	225.2	19.64	3,982.	133.6
102.0		0.3125	33.153	32.573	4,438.5	17.30	106.09	75.6	263.7	222.9	19.64	3,912.	133.6
104.0		0.3125	32.803	32.226	4,298.1	17.10	104.97	75.8	258.1	220.5	19.64	3,843.	133.6
105.0	Reinf. Top	0.3125	32.628	32.052	4,229.1	17.00	104.41	75.9	255.3	109.4	19.64	3,809.	66.8

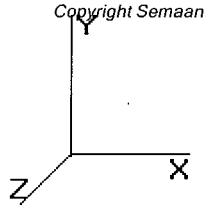


106.0		0.3125	32.454	31.879	4,160.8	16.90	103.85	76.0	252.5	108.8	
108.0		0.3125	32.104	31.532	4,026.4	16.70	102.73	76.2	247.0	215.8	
110.0		0.3125	31.754	31.185	3,894.9	16.51	101.61	76.2	241.6	213.4	
112.0		0.3125	31.404	30.838	3,766.4	16.31	100.49	76.2	236.2	211.0	
114.0		0.3125	31.054	30.491	3,640.6	16.11	99.37	76.2	230.9	208.7	
116.0		0.3125	30.704	30.144	3,517.8	15.91	98.25	76.2	225.7	206.3	
116.5	Bot - Section 5	0.3125	30.617	30.057	3,487.5	15.86	97.97	76.2	224.4	51.2	
118.0		0.3125	30.355	29.797	3,397.7	15.72	97.13	76.2	220.5	277.2	
120.0		0.3125	30.005	29.450	3,280.4	15.52	96.02	76.2	215.3	365.9	
121.0	Top - Section 4	0.2500	30.330	23.867	2,728.4	19.98	121.32	72.8	177.2	181.4	
122.0		0.2500	30.155	23.729	2,681.1	19.86	120.62	72.9	175.1	81.0	
124.0		0.2500	29.805	23.451	2,588.1	19.61	119.22	73.1	171.0	160.5	
126.0		0.2500	29.455	23.173	2,497.3	19.36	117.82	73.4	167.0	158.7	
128.0		0.2500	29.105	22.896	2,408.6	19.12	116.42	73.7	163.0	156.8	
130.0		0.2500	28.756	22.618	2,322.1	18.87	115.02	73.9	159.0	154.9	
132.0		0.2500	28.406	22.341	2,237.6	18.62	113.62	74.2	155.2	153.0	
134.0		0.2500	28.056	22.063	2,155.2	18.38	112.22	74.4	151.3	151.1	
136.0		0.2500	27.706	21.786	2,074.9	18.13	110.82	74.7	147.5	149.2	
138.0		0.2500	27.356	21.508	1,996.6	17.88	109.42	74.9	143.8	147.3	
139.0		0.2500	27.181	21.369	1,958.2	17.76	108.73	75.1	141.9	73.0	
140.0		0.2500	27.006	21.230	1,920.3	17.64	108.03	75.2	140.0	72.5	
142.0		0.2500	26.657	20.953	1,845.9	17.39	106.63	75.5	136.4	143.5	
144.0		0.2500	26.307	20.675	1,773.5	17.14	105.23	75.7	132.8	141.7	
145.0		0.2500	26.132	20.536	1,738.1	17.02	104.53	75.8	131.0	70.1	
146.0		0.2500	25.957	20.398	1,703.1	16.90	103.83	76.0	129.2	69.6	
148.0		0.2500	25.607	20.120	1,634.5	16.65	102.43	76.2	125.7	137.9	
149.0	Bot - Section 6	0.2500	25.432	19.981	1,600.9	16.53	101.73	76.2	124.0	68.2	
150.0		0.2500	25.257	19.842	1,567.8	16.40	101.03	76.2	122.3	119.5	
152.0		0.2500	24.907	19.565	1,502.9	16.16	99.63	76.2	118.8	236.4	
152.5	Top - Section 5	0.1875	25.195	14.882	1,175.8	22.28	134.37	70.4	91.9	58.6	
154.0		0.1875	24.933	14.726	1,139.2	22.04	132.97	70.6	90.0	75.6	
156.0		0.1875	24.583	14.518	1,091.6	21.71	131.11	71.0	87.5	99.5	
158.0		0.1875	24.233	14.309	1,045.3	21.38	129.24	71.3	85.0	98.1	
160.0		0.1875	23.883	14.101	1,000.3	21.05	127.38	71.6	82.5	96.7	
162.0		0.1875	23.533	13.893	956.7	20.72	125.51	72.0	80.1	95.3	
164.0		0.1875	23.183	13.685	914.3	20.39	123.64	72.3	77.7	93.8	
166.0		0.1875	22.833	13.477	873.2	20.06	121.78	72.7	75.3	92.4	
167.0		0.1875	22.659	13.373	853.1	19.90	120.85	72.8	74.2	45.7	
168.0		0.1875	22.484	13.269	833.4	19.73	119.91	73.0	73.0	45.3	
170.0		0.1875	22.134	13.060	794.8	19.40	118.05	73.4	70.7	89.6	
172.0		0.1875	21.784	12.852	757.3	19.08	116.18	73.7	68.5	88.2	
174.0		0.1875	21.434	12.644	721.1	18.75	114.32	74.0	66.3	86.8	
175.0		0.1875	21.259	12.540	703.5	18.58	113.38	74.2	65.2	42.8	
176.0		0.1875	21.084	12.436	686.1	18.42	112.45	74.4	64.1	42.5	
178.0		0.1875	20.734	12.228	652.2	18.09	110.58	74.7	62.0	83.9	
180.0		0.1875	20.385	12.019	619.5	17.76	108.72	75.1	59.9	82.5	
182.0		0.1875	20.035	11.811	587.8	17.43	106.85	75.4	57.8	81.1	
183.0		0.1875	19.860	11.707	572.4	17.27	105.92	75.6	56.8	40.0	
										29,356.2	7,014.0

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

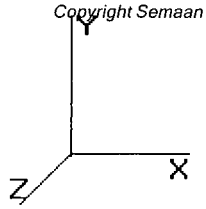
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	20.599	22.65	378.63	0.650		0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	20.599	22.65	375.91	0.732	*	0.000	2.00	8.199	6.01	217.7	0.0	755.0
4.00		1.00	0.70	20.599	22.65	373.18	0.735	*	0.000	2.00	8.139	5.98	216.7	0.0	750.4
6.00		1.00	0.70	20.599	22.65	370.46	0.823	*	0.000	2.00	8.080	6.65	241.0	0.0	745.9
8.00		1.00	0.70	20.599	22.65	367.73	1.200	*	0.000	2.00	8.021	9.63	349.0	0.0	741.4
10.00		1.00	0.70	20.599	22.65	365.01	1.200	*	0.000	2.00	7.962	9.55	346.4	0.0	736.8
12.00		1.00	0.70	20.599	22.65	362.29	1.200	*	0.000	2.00	7.903	9.48	343.8	0.0	732.3
14.00		1.00	0.70	20.599	22.65	359.56	1.200	*	0.000	2.00	7.843	9.41	341.2	0.0	727.8
16.00		1.00	0.70	20.599	22.65	356.84	1.200	*	0.000	2.00	7.784	9.34	338.7	0.0	723.2
18.00		1.00	0.70	20.599	22.65	354.11	1.200	*	0.000	2.00	7.725	9.27	336.1	0.0	718.7
20.00		1.00	0.70	20.599	22.65	351.39	1.200	*	0.000	2.00	7.666	9.20	333.5	0.0	714.2
22.00		1.00	0.70	20.599	22.65	348.66	1.200	*	0.000	2.00	7.607	9.13	330.9	0.0	709.6
24.00		1.00	0.70	20.599	22.65	345.94	1.200	*	0.000	2.00	7.547	9.06	328.4	0.0	705.1
26.00		1.00	0.70	20.599	22.65	343.21	1.200	*	0.000	2.00	7.488	8.99	325.8	0.0	700.6
28.00		1.00	0.70	20.599	22.65	340.49	1.200	*	0.000	2.00	7.429	8.91	323.2	0.0	696.0
28.50	Bot - Section 2	1.00	0.70	20.599	22.65	339.81	1.200	*	0.000	0.50	1.848	2.22	80.4	0.0	173.3
30.00		1.00	0.70	20.616	22.67	337.91	1.200	*	0.000	1.50	5.649	6.78	246.0	0.0	945.9
32.00		1.00	0.71	21.000	23.10	338.29	1.200	*	0.000	2.00	7.480	8.98	331.7	0.0	1,253.3
34.00		1.00	0.72	21.367	23.50	338.46	1.200	*	0.000	2.00	7.421	8.90	334.9	0.0	1,244.2
35.00	Top - Section 1	1.00	0.73	21.545	23.69	338.47	1.200	*	0.000	1.00	3.688	4.43	167.8	0.0	618.7
36.00		1.00	0.73	21.719	23.89	346.43	1.200	*	0.000	1.00	3.673	4.41	168.5	0.0	344.9
38.00		1.00	0.75	22.057	24.26	346.30	1.200	*	0.000	2.00	7.302	8.76	340.2	0.0	686.3
40.00		1.00	0.76	22.383	24.62	346.00	1.200	*	0.000	2.00	7.243	8.69	342.4	0.0	681.8
42.00		1.00	0.77	22.697	24.96	345.56	1.200	*	0.000	2.00	7.184	8.62	344.4	0.0	677.2
44.00		1.00	0.78	23.000	25.30	344.99	1.200	*	0.000	2.00	7.125	8.55	346.1	0.0	672.7
46.00		1.00	0.79	23.294	25.62	344.29	1.200	*	0.000	2.00	7.065	8.48	347.6	0.0	668.2
48.00		1.00	0.80	23.579	25.93	343.47	1.200	*	0.000	2.00	7.006	8.41	348.9	0.0	663.6
50.00	Appertunance(s)	1.00	0.81	23.856	26.24	342.55	1.200	*	0.000	2.00	6.947	8.34	350.0	0.0	659.1
52.00		1.00	0.82	24.125	26.53	341.53	1.200	*	0.000	2.00	6.888	8.27	350.9	0.0	654.6
54.00		1.00	0.82	24.386	26.82	340.41	1.200	*	0.000	2.00	6.829	8.19	351.7	0.0	650.0
56.00		1.00	0.83	24.641	27.10	339.20	1.200	*	0.000	2.00	6.769	8.12	352.3	0.0	645.5
58.00	Bot - Section 3	1.00	0.84	24.889	27.37	337.91	1.200	*	0.000	2.00	6.710	8.05	352.7	0.0	641.0
60.00		1.00	0.85	25.132	27.64	336.54	1.200	*	0.000	2.00	6.778	8.13	359.8	0.0	1,022.1
62.00		1.00	0.86	25.368	27.90	335.10	1.200	*	0.000	2.00	6.719	8.06	360.0	0.0	1,014.1
63.50	Top - Section 2	1.00	0.86	25.542	28.09	333.97	1.200	*	0.000	1.50	5.000	6.00	269.7	0.0	755.4
64.00		1.00	0.87	25.599	28.15	340.10	1.200	*	0.000	0.50	1.659	1.99	89.7	0.0	127.8
66.00		1.00	0.87	25.825	28.40	338.55	1.200	*	0.000	2.00	6.600	7.92	360.0	0.0	509.0
68.00		1.00	0.88	26.047	28.65	336.93	1.200	*	0.000	2.00	6.541	7.85	359.8	0.0	505.6
70.00		1.00	0.89	26.263	28.89	335.25	1.200	*	0.000	2.00	6.482	7.78	359.5	0.0	502.2
72.00		1.00	0.90	26.476	29.12	333.51	1.200	*	0.000	2.00	6.423	7.71	359.1	0.0	498.8
74.00		1.00	0.90	26.684	29.35	331.72	1.200	*	0.000	2.00	6.363	7.64	358.6	0.0	495.4
76.00		1.00	0.91	26.888	29.57	329.88	1.200	*	0.000	2.00	6.304	7.57	358.0	0.0	492.0
78.00		1.00	0.92	27.088	29.79	327.98	1.200	*	0.000	2.00	6.245	7.49	357.3	0.0	488.6
80.00		1.00	0.92	27.285	30.01	326.03	1.200	*	0.000	2.00	6.186	7.42	356.5	0.0	485.2
82.00		1.00	0.93	27.478	30.22	324.04	1.200	*	0.000	2.00	6.127	7.35	355.5	0.0	481.8
84.00		1.00	0.94	27.668	30.43	322.00	1.200	*	0.000	2.00	6.067	7.28	354.5	0.0	478.4
86.00		1.00	0.94	27.854	30.64	319.91	1.200	*	0.000	2.00	6.008	7.21	353.5	0.0	475.0
88.00	Bot - Section 4	1.00	0.95	28.038	30.84	317.79	1.200	*	0.000	2.00	5.949	7.14	352.3	0.0	471.6
90.00		1.00	0.95	28.219	31.04	315.62	1.200	*	0.000	2.00	5.996	7.19	357.3	0.0	752.7
92.00		1.00	0.96	28.396	31.23	313.41	1.200	*	0.000	2.00	5.936	7.12	356.0	0.0	746.4
93.00	Top - Section 3	1.00	0.96	28.484	31.33	312.30	1.200	*	0.000	1.00	2.946	3.54	177.2	0.0	370.9

Pole : 302535	Code: ANSI/TIA-222 Rev G		
Location : Milford CT 2, CT	Struct Class : II		6/28/2011 11:04:42 A
Height : 183.0 (ft)	Exposure Category : B		Page: 6
Shape : 18 Sides	Topographic Category : 1		
Base Dia : 48.62 (in)			
Top Dia : 19.86 (in)			
Taper : 0.174917 (in/ft)	Base Elev : 0.000 (ft)		

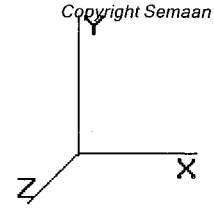


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

94.00		1.00	0.97	28.571	31.42	316.90	1.200 *	0.000	1.00	2.931	3.52	176.9	0.0	205.8
96.00		1.00	0.97	28.744	31.61	314.64	1.200 *	0.000	2.00	5.818	6.98	353.2	0.0	409.5
98.00		1.00	0.98	28.913	31.80	312.34	1.200 *	0.000	2.00	5.759	6.91	351.7	0.0	406.7
100.0		1.00	0.98	29.081	31.98	310.00	1.200 *	0.000	2.00	5.700	6.84	350.1	0.0	403.9
102.0		1.00	0.99	29.246	32.17	307.64	1.200 *	0.000	2.00	5.640	6.77	348.4	0.0	401.0
104.0		1.00	0.99	29.409	32.34	305.24	1.200 *	0.000	2.00	5.581	6.70	346.7	0.0	398.2
105.0	Reinf. Top	1.00	1.00	29.489	32.43	304.02	1.200 *	0.000	1.00	2.768	3.32	172.4	0.0	198.0
106.0		1.00	1.00	29.569	32.52	302.80	1.200 *	0.000	1.00	2.754	3.30	172.0	0.0	130.5
108.0		1.00	1.01	29.727	32.70	300.34	1.200 *	0.000	2.00	5.463	6.56	343.0	0.0	258.9
110.0		1.00	1.01	29.884	32.87	297.85	1.200 *	0.000	2.00	5.404	6.48	341.0	0.0	256.1
112.0		1.00	1.02	30.038	33.04	295.32	0.831 *	0.000	2.00	5.344	4.44	234.7	0.0	253.3
114.0		1.00	1.02	30.190	33.20	292.77	0.835 *	0.000	2.00	5.285	4.41	234.5	0.0	250.4
116.0		1.00	1.03	30.341	33.37	290.20	0.839 *	0.000	2.00	5.226	4.39	234.2	0.0	247.6
116.5	Bot - Section 5	1.00	1.03	30.378	33.41	289.55	0.842 *	0.000	0.50	1.297	1.09	58.4	0.0	61.5
118.0		1.00	1.03	30.489	33.53	287.59	0.844 *	0.000	1.50	3.933	3.32	178.2	0.0	332.7
120.0		1.00	1.04	30.636	33.69	284.96	1.200 *	0.000	2.00	5.192	6.23	335.9	0.0	439.1
121.0	Top - Section 4	1.00	1.04	30.709	33.77	283.63	1.200 *	0.000	1.00	2.574	3.09	166.9	0.0	217.6
122.0		1.00	1.04	30.781	33.85	287.06	1.200 *	0.000	1.00	2.559	3.07	166.4	0.0	97.2
124.0		1.00	1.05	30.924	34.01	284.39	1.200 *	0.000	2.00	5.074	6.09	331.4	0.0	192.7
126.0	Appertunance(s)	1.00	1.05	31.066	34.17	281.70	1.200 *	0.000	2.00	5.015	6.02	329.0	0.0	190.4
128.0		1.00	1.06	31.206	34.32	278.98	1.200 *	0.000	2.00	4.955	5.95	326.6	0.0	188.1
130.0		1.00	1.06	31.345	34.47	276.24	1.200 *	0.000	2.00	4.896	5.88	324.1	0.0	185.8
132.0		1.00	1.07	31.482	34.63	273.47	1.200 *	0.000	2.00	4.837	5.80	321.6	0.0	183.6
134.0		1.00	1.07	31.617	34.77	270.68	1.200 *	0.000	2.00	4.778	5.73	319.0	0.0	181.3
136.0		1.00	1.07	31.751	34.92	267.88	1.200 *	0.000	2.00	4.719	5.66	316.4	0.0	179.0
138.0		1.00	1.08	31.884	35.07	265.05	1.200 *	0.000	2.00	4.659	5.59	313.8	0.0	176.8
139.0	Appertunance(s)	1.00	1.08	31.950	35.14	263.62	1.200 *	0.000	1.00	2.307	2.77	155.7	0.0	87.5
140.0		1.00	1.08	32.015	35.21	262.19	1.200 *	0.000	1.00	2.293	2.75	155.0	0.0	87.0
142.0		1.00	1.09	32.145	35.36	259.32	1.200 *	0.000	2.00	4.541	5.45	308.3	0.0	172.2
144.0		1.00	1.09	32.274	35.50	256.43	1.200 *	0.000	2.00	4.482	5.38	305.5	0.0	170.0
145.0	Appertunance(s)	1.00	1.09	32.338	35.57	254.98	1.200 *	0.000	1.00	2.219	2.66	151.5	0.0	84.1
146.0		1.00	1.10	32.402	35.64	253.52	0.771 *	0.000	1.00	2.204	1.70	96.8	0.0	83.6
148.0		1.00	1.10	32.528	35.78	250.59	0.774 *	0.000	2.00	4.363	3.38	193.3	0.0	165.4
149.0	Bot - Section 6	1.00	1.10	32.590	35.84	249.12	0.777 *	0.000	1.00	2.159	1.68	96.3	0.0	81.9
150.0		1.00	1.11	32.653	35.91	247.64	0.779 *	0.000	1.00	2.176	1.70	97.5	0.0	143.4
152.0		1.00	1.11	32.777	36.05	244.67	0.783 *	0.000	2.00	4.308	3.37	194.5	0.0	283.7
152.5	Top - Section 5	1.00	1.11	32.807	36.08	243.93	0.786 *	0.000	0.50	1.068	0.84	48.4	0.0	70.3
154.0		1.00	1.11	32.899	36.18	245.38	0.783 *	0.000	1.50	3.181	2.49	144.2	0.0	90.7
156.0		1.00	1.12	33.021	36.32	242.38	0.787 *	0.000	2.00	4.190	3.30	191.6	0.0	119.4
158.0		1.00	1.12	33.141	36.45	239.37	0.792 *	0.000	2.00	4.131	3.27	190.8	0.0	117.7
160.0		1.00	1.13	33.260	36.58	236.34	0.797 *	0.000	2.00	4.072	3.24	189.9	0.0	116.0
162.0		1.00	1.13	33.379	36.71	233.29	0.802 *	0.000	2.00	4.012	3.22	189.0	0.0	114.3
164.0		1.00	1.13	33.496	36.84	230.22	0.807 *	0.000	2.00	3.953	3.19	188.0	0.0	112.6
166.0		1.00	1.14	33.612	36.97	227.14	0.812 *	0.000	2.00	3.894	3.16	187.1	0.0	110.9
167.0	Appertunance(s)	1.00	1.14	33.670	37.03	225.60	0.816 *	0.000	1.00	1.925	1.57	93.1	0.0	54.8
168.0		1.00	1.14	33.727	37.10	224.04	0.819 *	0.000	1.00	1.910	1.56	92.9	0.0	54.4
170.0		1.00	1.15	33.842	37.22	220.93	0.823 *	0.000	2.00	3.775	3.11	185.2	0.0	107.5
172.0		1.00	1.15	33.955	37.35	217.80	0.829 *	0.000	2.00	3.716	3.08	184.2	0.0	105.8
174.0		1.00	1.15	34.067	37.47	214.66	0.835 *	0.000	2.00	3.657	3.05	183.2	0.0	104.1
175.0	Appertunance(s)	1.00	1.16	34.123	37.53	213.08	0.840 *	0.000	1.00	1.806	1.52	91.1	0.0	51.4
176.0		1.00	1.16	34.179	37.59	211.50	0.671 *	0.000	1.00	1.792	1.20	72.3	0.0	51.0
178.0		1.00	1.16	34.289	37.71	208.33	0.674 *	0.000	2.00	3.539	2.38	143.8	0.0	100.7
180.0		1.00	1.16	34.399	37.83	205.14	0.677 *	0.000	2.00	3.479	2.36	142.7	0.0	99.0
182.0		1.00	1.17	34.508	37.95	201.94	0.681 *	0.000	2.00	3.420	2.33	141.5	0.0	97.3
183.0	Appertunance(s)	1.00	1.17	34.562	38.01	200.33	0.684 *	0.000	1.00	1.688	1.15	70.2	0.0	48.0
* = Cf Adjusted By Linear Load Ra Effect							Totals:		183.00			27,413.3	0.0	42,241.4

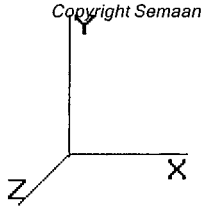


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	E911 Thales tve 8100	2	23.856	26.242	0.80	0.80	1.60	0.000	0.000	67.18	0.00	0.00	16.80
126.0	RFS FD9R6004/1C-3L	6	31.066	34.173	0.54	0.80	1.19	0.000	0.000	65.06	0.00	0.00	22.32
126.0	Platform with Handra	1	31.066	34.173	1.00	1.00	27.20	0.000	0.000	1,487.18	0.00	0.00	2,400.00
126.0	Decibel DB846H80E-	2	31.066	34.173	0.73	0.80	8.55	0.000	0.000	467.30	0.00	0.00	38.40
126.0	Decibel	4	31.066	34.173	0.74	0.80	20.70	0.000	0.000	1,131.59	0.00	0.00	100.80
126.0	Rymsa MG D3-800	3	31.066	34.173	0.65	0.80	6.71	0.000	0.000	366.70	0.00	0.00	59.04
126.0	Powerwave P65-16-	1	31.066	34.173	0.60	0.80	5.09	0.000	0.000	278.35	0.00	0.00	52.80
126.0	Andrew LNX-6514DS-	2	31.066	34.173	0.66	0.80	10.93	0.000	0.000	597.55	0.00	0.00	79.44
139.0	T-Arms	3	31.950	35.145	0.56	0.75	11.81	0.000	0.000	664.24	0.00	0.00	900.00
139.0	DA58-32	1	31.950	35.145	1.00	1.00	11.37	0.000	0.000	639.35	0.00	0.00	120.00
139.0	Terrawave RMFLT-2-	1	31.950	35.145	0.80	0.80	0.10	0.000	0.000	5.40	0.00	0.00	3.48
139.0	Proxim 5054-R-LR	1	31.950	35.145	0.80	0.80	1.24	0.000	0.000	69.46	0.00	0.00	34.39
139.0	Motorola PTP 54600 O	1	31.950	35.145	0.80	0.80	1.63	0.000	0.000	91.77	0.00	0.00	14.52
139.0	MA-WC50-5X	2	31.950	35.145	0.68	0.80	0.87	0.000	0.000	48.94	0.00	0.00	26.40
145.0	Flush Mounts	1	32.338	35.572	1.00	1.00	3.50	0.000	0.000	199.20	0.00	0.00	240.00
145.0	RFS APX16DWV-	3	32.338	35.572	0.50	0.80	10.74	0.000	0.000	611.46	0.00	0.00	147.60
145.0	Andrew	3	32.338	35.572	0.40	0.80	0.91	0.000	0.000	51.91	0.00	0.00	39.60
145.0	Andrew	3	32.338	35.572	0.40	0.80	0.56	0.000	0.000	32.10	0.00	0.00	39.60
167.0	Kathrein 800 10764	1	33.670	37.037	0.80	0.80	5.06	0.000	0.000	300.09	0.00	0.00	48.96
167.0	Raycap DC6-48-60-18-	1	33.670	37.037	0.80	0.80	1.18	0.000	0.000	69.69	0.00	0.00	38.16
167.0	Ericsson RRUS 11	6	33.670	37.037	0.57	0.80	10.19	0.000	0.000	603.84	0.00	0.00	360.00
167.0	KMW AM-X-CD-14-65-	2	33.670	37.037	0.61	0.80	6.69	0.000	0.000	396.32	0.00	0.00	87.36
167.0	Platform with Handra	1	33.670	37.037	1.00	1.00	27.20	0.000	0.000	1,611.84	0.00	0.00	2,400.00
167.0	Powerwave LGP21401	6	33.670	37.037	0.40	0.80	3.10	0.000	0.000	183.47	0.00	0.00	101.52
167.0	Allgon 7770.00	6	33.670	37.037	0.62	0.80	22.01	0.000	0.000	1,304.57	0.00	0.00	252.00
167.0	LGP Allgon LGP21903	6	33.670	37.037	0.40	0.80	0.65	0.000	0.000	38.40	0.00	0.00	39.60
175.0	RFS APXV18-206517S-	3	34.123	37.535	0.60	0.80	9.29	0.000	0.000	557.80	0.00	0.00	95.04
183.0	GPS	1	34.669	38.136	1.00	1.00	1.00	0.000	2.000	61.02	0.00	122.04	12.00
183.0	48" x 8" Panel	1	34.669	38.136	0.62	0.80	4.07	0.000	2.000	248.63	0.00	497.26	36.00
183.0	DB844G65VTZASX	3	34.669	38.136	0.67	0.80	11.87	0.000	2.000	724.54	0.00	1,449.07	57.60
183.0	Platform with Handra	1	34.562	38.018	1.00	1.00	27.20	0.000	0.000	1,654.53	0.00	0.00	2,400.00
183.0	Andrew DB844H90E-	6	34.669	38.136	0.73	0.80	16.29	0.000	2.000	994.14	0.00	1,988.28	100.80
183.0	DragonWave Horizon C	2	34.669	38.136	0.80	0.80	0.69	0.000	2.000	41.98	0.00	83.96	25.44
183.0	Argus LLPX310R	3	34.669	38.136	0.60	0.80	8.69	0.000	2.000	530.49	0.00	1,060.97	102.96
183.0	NextNet BTS-2500	3	34.669	38.136	0.40	0.80	2.54	0.000	2.000	155.23	0.00	310.46	126.00
183.0	DragonWave A-ANT-	2	34.669	38.136	1.00	1.00	9.38	0.000	2.000	572.34	0.00	1,144.69	65.04
										16,923.65			10,683.67



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

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

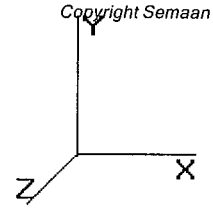
Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.142	1.127	0.00	0.00
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.142	1.127	0.00	0.00
2.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	20.599	0.142	1.127	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.143	1.130	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.143	1.130	0.00	0.00
4.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	20.599	0.143	1.130	0.00	0.00
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.189	1.266	0.00	0.36
6.00	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	20.599	0.189	1.266	0.00	8.76
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.189	1.266	0.00	0.32
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	20.599	0.189	1.266	0.00	5.90
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.189	1.266	0.00	0.00
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.189	1.266	0.00	0.00
6.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	20.599	0.189	1.266	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.189	1.266	0.00	5.90
8.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.234	0.000	0.00	0.72
8.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.234	0.000	17.26	17.52
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.234	0.000	0.00	0.65
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.234	0.000	13.78	11.81
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.234	0.000	18.13	0.00
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.234	0.000	18.13	0.00
8.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.234	0.000	14.50	0.00
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.234	0.000	0.00	11.81
10.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.236	0.000	0.00	0.72
10.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.236	0.000	17.26	17.52
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.236	0.000	0.00	0.65
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.236	0.000	13.78	11.81
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.236	0.000	18.13	0.00
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.236	0.000	18.13	0.00
10.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.236	0.000	14.50	0.00
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.236	0.000	0.00	11.81
12.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.238	0.000	0.00	0.72
12.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.238	0.000	17.26	17.52
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.238	0.000	0.00	0.65
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.238	0.000	13.78	11.81
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.238	0.000	18.13	0.00
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.238	0.000	18.13	0.00
12.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.238	0.000	14.50	0.00
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.238	0.000	0.00	11.81
14.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.240	0.000	0.00	0.72
14.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.240	0.000	17.26	17.52
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.240	0.000	0.00	0.65
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.240	0.000	13.78	11.81
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.240	0.000	18.13	0.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.240	0.000	18.13	0.00
14.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.240	0.000	14.50	0.00
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.240	0.000	0.00	11.81
16.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.242	0.000	0.00	0.72
16.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.242	0.000	17.26	17.52
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.242	0.000	0.00	0.65
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.242	0.000	13.78	11.81
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.242	0.000	18.13	0.00

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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

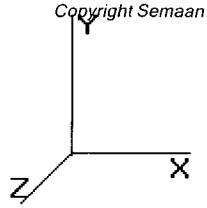


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.242	0.000	18.13	0.00
16.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.242	0.000	14.50	0.00
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.242	0.000	0.00	11.81
18.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.243	0.000	0.00	0.72
18.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.243	0.000	17.26	17.52
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.243	0.000	0.00	0.65
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.243	0.000	13.78	11.81
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.243	0.000	18.13	0.00
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.243	0.000	18.13	0.00
18.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.243	0.000	14.50	0.00
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.243	0.000	0.00	11.81
20.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.245	0.000	0.00	0.72
20.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.245	0.000	17.26	17.52
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.245	0.000	0.00	0.65
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.245	0.000	13.78	11.81
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.245	0.000	18.13	0.00
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.245	0.000	18.13	0.00
20.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.245	0.000	14.50	0.00
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.245	0.000	0.00	11.81
22.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.247	0.000	0.00	0.72
22.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.247	0.000	17.26	17.52
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.247	0.000	0.00	0.65
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.247	0.000	13.78	11.81
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.247	0.000	18.13	0.00
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.247	0.000	18.13	0.00
22.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.247	0.000	14.50	0.00
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.247	0.000	0.00	11.81
24.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.249	0.000	0.00	0.72
24.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.249	0.000	17.26	17.52
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.249	0.000	0.00	0.65
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.249	0.000	13.78	11.81
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.249	0.000	18.13	0.00
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.249	0.000	18.13	0.00
24.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.249	0.000	14.50	0.00
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.249	0.000	0.00	11.81
26.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.251	0.000	0.00	0.72
26.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.251	0.000	17.26	17.52
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.251	0.000	0.00	0.65
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.251	0.000	13.78	11.81
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.251	0.000	18.13	0.00
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.251	0.000	18.13	0.00
26.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.251	0.000	14.50	0.00
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.251	0.000	0.00	11.81
28.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.253	0.000	0.00	0.72
28.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.253	0.000	17.26	17.52
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.253	0.000	0.00	0.65
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.253	0.000	13.78	11.81
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.253	0.000	18.13	0.00
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.253	0.000	18.13	0.00
28.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.253	0.000	14.50	0.00
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.253	0.000	0.00	11.81
28.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.254	0.000	0.00	0.18
28.50	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	20.599	0.254	0.000	4.31	4.38
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.254	0.000	0.00	0.16
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	20.599	0.254	0.000	3.44	2.95
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.254	0.000	4.53	0.00
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.254	0.000	4.53	0.00



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

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

28.50	(1) Brackets	Yes	0.50	1.200	2.00	0.08	0.10	20.599	0.254	0.000	3.63	0.00
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.254	0.000	0.00	2.95
30.00	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.255	0.000	0.00	0.54
30.00	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	20.616	0.255	0.000	12.95	13.14
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.255	0.000	0.00	0.49
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	20.616	0.255	0.000	10.34	8.85
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.255	0.000	13.61	0.00
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.255	0.000	13.61	0.00
30.00	(1) Brackets	Yes	1.50	1.200	2.00	0.25	0.30	20.616	0.255	0.000	10.89	0.00
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.255	0.000	0.00	8.85
32.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.257	0.000	0.00	0.72
32.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.000	0.257	0.000	17.59	17.52
32:00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.257	0.000	0.00	0.65
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.000	0.257	0.000	14.04	11.81
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.257	0.000	18.48	0.00
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.257	0.000	18.48	0.00
32.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	21.000	0.257	0.000	14.78	0.00
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.257	0.000	0.00	11.81
34.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.259	0.000	0.00	0.72
34.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.367	0.259	0.000	17.90	17.52
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.259	0.000	0.00	0.65
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.367	0.259	0.000	14.29	11.81
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.259	0.000	18.80	0.00
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.259	0.000	18.80	0.00
34.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	21.367	0.259	0.000	15.04	0.00
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.259	0.000	0.00	11.81
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.261	0.000	0.00	0.36
35.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.545	0.261	0.000	9.02	8.76
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.261	0.000	0.00	0.32
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.545	0.261	0.000	7.20	5.90
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.261	0.000	9.48	0.00
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.261	0.000	9.48	0.00
35.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	21.545	0.261	0.000	7.58	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.261	0.000	0.00	5.90
36.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.256	0.000	0.00	0.36
36.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.719	0.256	0.000	9.10	8.76
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.256	0.000	0.00	0.32
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.719	0.256	0.000	7.26	5.90
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.256	0.000	9.56	0.00
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.256	0.000	9.56	0.00
36.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	21.719	0.256	0.000	7.65	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.256	0.000	0.00	5.90
38.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.257	0.000	0.00	0.72
38.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.057	0.257	0.000	18.48	17.52
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.257	0.000	0.00	0.65
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.057	0.257	0.000	14.75	11.81
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.257	0.000	19.41	0.00
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.257	0.000	19.41	0.00
38.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	22.057	0.257	0.000	15.53	0.00
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.257	0.000	0.00	11.81
40.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.260	0.000	0.00	0.72
40.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.383	0.260	0.000	18.75	17.52
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.260	0.000	0.00	0.65
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.383	0.260	0.000	14.97	11.81
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.260	0.000	19.70	0.00
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.260	0.000	19.70	0.00
40.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	22.383	0.260	0.000	15.76	0.00

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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

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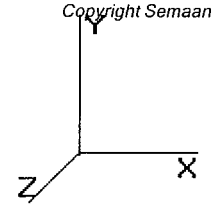
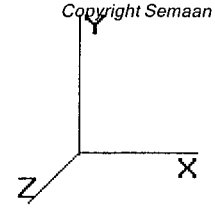


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

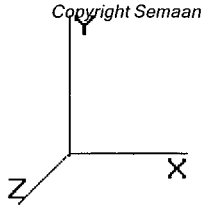
40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.260	0.000	0.00	11.81
42.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.262	0.000	0.00	0.72
42.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.697	0.262	0.000	19.01	17.52
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.262	0.000	0.00	0.65
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.697	0.262	0.000	15.18	11.81
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.262	0.000	19.97	0.00
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.262	0.000	19.97	0.00
42.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	22.697	0.262	0.000	15.98	0.00
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.262	0.000	0.00	11.81
44.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.264	0.000	0.00	0.72
44.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.000	0.264	0.000	19.27	17.52
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.264	0.000	0.00	0.65
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.000	0.264	0.000	15.38	11.81
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.264	0.000	20.24	0.00
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.264	0.000	20.24	0.00
44.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.000	0.264	0.000	16.19	0.00
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.264	0.000	0.00	11.81
46.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.266	0.000	0.00	0.72
46.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.294	0.266	0.000	19.52	17.52
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.266	0.000	0.00	0.65
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.294	0.266	0.000	15.58	11.81
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.266	0.000	20.50	0.00
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.266	0.000	20.50	0.00
46.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.294	0.266	0.000	16.40	0.00
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.266	0.000	0.00	11.81
48.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.268	0.000	0.00	0.72
48.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.579	0.268	0.000	19.75	17.52
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.268	0.000	0.00	0.65
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.579	0.268	0.000	15.77	11.81
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.268	0.000	20.75	0.00
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.268	0.000	20.75	0.00
48.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.579	0.268	0.000	16.60	0.00
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.268	0.000	0.00	11.81
50.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.271	0.000	0.00	0.72
50.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.856	0.271	0.000	19.99	17.52
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.271	0.000	0.00	0.65
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.856	0.271	0.000	15.95	11.81
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.271	0.000	20.99	0.00
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.271	0.000	20.99	0.00
50.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.856	0.271	0.000	16.79	0.00
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.271	0.000	0.00	11.81
52.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.273	0.000	0.00	0.72
52.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.125	0.273	0.000	20.21	17.52
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.273	0.000	0.00	0.65
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.125	0.273	0.000	16.13	11.81
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.273	0.000	21.23	0.00
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.273	0.000	21.23	0.00
52.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.125	0.273	0.000	16.98	0.00
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.273	0.000	0.00	11.81
54.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.275	0.000	0.00	0.72
54.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.386	0.275	0.000	20.43	17.52
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.275	0.000	0.00	0.65
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.386	0.275	0.000	16.31	11.81
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.275	0.000	21.46	0.00
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.275	0.000	21.46	0.00
54.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.386	0.275	0.000	17.17	0.00
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.275	0.000	0.00	11.81



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

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

56.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.278	0.000	0.00	0.72
56.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.641	0.278	0.000	20.64	17.52
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.278	0.000	0.00	0.65
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.641	0.278	0.000	16.48	11.81
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.641	0.278	0.000	21.68	0.00
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.641	0.278	0.000	21.68	0.00
56.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.641	0.278	0.000	17.35	0.00
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.278	0.000	0.00	11.81
58.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.280	0.000	0.00	0.72
58.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.889	0.280	0.000	20.85	17.52
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.280	0.000	0.00	0.65
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.889	0.280	0.000	16.65	11.81
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.889	0.280	0.000	21.90	0.00
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.889	0.280	0.000	21.90	0.00
58.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.889	0.280	0.000	17.52	0.00
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.280	0.000	0.00	11.81
60.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.283	0.000	0.00	0.72
60.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.132	0.283	0.000	21.05	17.52
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.283	0.000	0.00	0.65
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.132	0.283	0.000	16.81	11.81
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.132	0.283	0.000	22.12	0.00
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.132	0.283	0.000	22.12	0.00
60.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	25.132	0.283	0.000	17.69	0.00
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.283	0.000	0.00	11.81
62.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.285	0.000	0.00	0.72
62.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.368	0.285	0.000	21.25	17.52
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.285	0.000	0.00	0.65
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.368	0.285	0.000	16.97	11.81
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.368	0.285	0.000	22.32	0.00
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.368	0.285	0.000	22.32	0.00
62.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	25.368	0.285	0.000	17.86	0.00
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.285	0.000	0.00	11.81
63.50	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.287	0.000	0.00	0.54
63.50	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	25.542	0.287	0.000	16.05	13.14
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.287	0.000	0.00	0.49
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	25.542	0.287	0.000	12.81	8.85
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	25.542	0.287	0.000	16.86	0.00
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	25.542	0.287	0.000	16.86	0.00
63.50	(1) Brackets	Yes	1.50	1.200	2.00	0.25	0.30	25.542	0.287	0.000	13.49	0.00
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.287	0.000	0.00	8.85
64.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.283	0.000	0.00	0.18
64.00	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	25.599	0.283	0.000	5.36	4.38
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.283	0.000	0.00	0.16
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	25.599	0.283	0.000	4.28	2.95
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	25.599	0.283	0.000	5.63	0.00
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	25.599	0.283	0.000	5.63	0.00
64.00	(1) Brackets	Yes	0.50	1.200	2.00	0.08	0.10	25.599	0.283	0.000	4.51	0.00
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.283	0.000	0.00	2.95
66.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.285	0.000	0.00	0.72
66.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.825	0.285	0.000	21.64	17.52
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.285	0.000	0.00	0.65
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.825	0.285	0.000	17.27	11.81
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.825	0.285	0.000	22.73	0.00
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.825	0.285	0.000	22.73	0.00
66.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	25.825	0.285	0.000	18.18	0.00
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.285	0.000	0.00	11.81
68.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.287	0.000	0.00	0.72

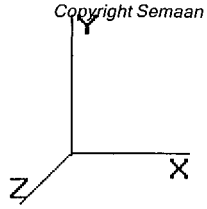


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

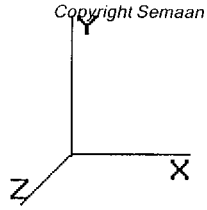
68.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.047	0.287	0.000	21.82	17.52
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.287	0.000	0.00	0.65
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.047	0.287	0.000	17.42	11.81
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.287	0.000	22.92	0.00
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.287	0.000	22.92	0.00
68.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.047	0.287	0.000	18.34	0.00
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.287	0.000	0.00	11.81
70.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.290	0.000	0.00	0.72
70.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.263	0.290	0.000	22.00	17.52
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.290	0.000	0.00	0.65
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.263	0.290	0.000	17.56	11.81
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.290	0.000	23.11	0.00
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.290	0.000	23.11	0.00
70.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.263	0.290	0.000	18.49	0.00
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.290	0.000	0.00	11.81
72.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.293	0.000	0.00	0.72
72.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.476	0.293	0.000	22.18	17.52
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.293	0.000	0.00	0.65
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.476	0.293	0.000	17.71	11.81
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.293	0.000	23.30	0.00
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.293	0.000	23.30	0.00
72.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.476	0.293	0.000	18.64	0.00
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.293	0.000	0.00	11.81
74.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.295	0.000	0.00	0.72
74.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.684	0.295	0.000	22.35	17.52
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.295	0.000	0.00	0.65
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.684	0.295	0.000	17.85	11.81
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.295	0.000	23.48	0.00
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.295	0.000	23.48	0.00
74.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.684	0.295	0.000	18.79	0.00
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.295	0.000	0.00	11.81
76.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.298	0.000	0.00	0.72
76.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.888	0.298	0.000	22.53	17.52
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.298	0.000	0.00	0.65
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.888	0.298	0.000	17.98	11.81
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.298	0.000	23.66	0.00
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.298	0.000	23.66	0.00
76.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.888	0.298	0.000	18.93	0.00
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.298	0.000	0.00	11.81
78.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.301	0.000	0.00	0.72
78.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.088	0.301	0.000	22.69	17.52
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.301	0.000	0.00	0.65
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.088	0.301	0.000	18.12	11.81
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.301	0.000	23.84	0.00
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.301	0.000	23.84	0.00
78.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.088	0.301	0.000	19.07	0.00
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.301	0.000	0.00	11.81
80.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.304	0.000	0.00	0.72
80.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.285	0.304	0.000	22.86	17.52
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.304	0.000	0.00	0.65
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.285	0.304	0.000	18.25	11.81
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.304	0.000	24.01	0.00
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.304	0.000	24.01	0.00
80.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.285	0.304	0.000	19.21	0.00
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.304	0.000	0.00	11.81
82.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.307	0.000	0.00	0.72
82.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.478	0.307	0.000	23.02	17.52



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

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

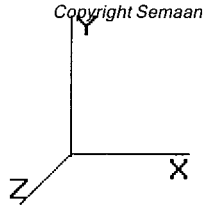
82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.307	0.000	0.00	0.65
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.478	0.307	0.000	18.38	11.81
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.307	0.000	24.18	0.00
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.307	0.000	24.18	0.00
82.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.478	0.307	0.000	19.34	0.00
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.307	0.000	0.00	11.81
84.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.310	0.000	0.00	0.72
84.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.668	0.310	0.000	23.18	17.52
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.310	0.000	0.00	0.65
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.668	0.310	0.000	18.50	11.81
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.310	0.000	24.35	0.00
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.310	0.000	24.35	0.00
84.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.668	0.310	0.000	19.48	0.00
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.310	0.000	0.00	11.81
86.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.313	0.000	0.00	0.72
86.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.854	0.313	0.000	23.34	17.52
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.313	0.000	0.00	0.65
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.854	0.313	0.000	18.63	11.81
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.313	0.000	24.51	0.00
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.313	0.000	24.51	0.00
86.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.854	0.313	0.000	19.61	0.00
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.313	0.000	0.00	11.81
88.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.316	0.000	0.00	0.72
88.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.038	0.316	0.000	23.49	17.52
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.316	0.000	0.00	0.65
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.038	0.316	0.000	18.75	11.81
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.316	0.000	24.67	0.00
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.316	0.000	24.67	0.00
88.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.038	0.316	0.000	19.74	0.00
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.316	0.000	0.00	11.81
90.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.319	0.000	0.00	0.72
90.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.219	0.319	0.000	23.64	17.52
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.319	0.000	0.00	0.65
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.219	0.319	0.000	18.87	11.81
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.319	0.000	24.83	0.00
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.319	0.000	24.83	0.00
90.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.219	0.319	0.000	19.87	0.00
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.319	0.000	0.00	11.81
92.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.322	0.000	0.00	0.72
92.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.396	0.322	0.000	23.79	17.52
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.322	0.000	0.00	0.65
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.396	0.322	0.000	18.99	11.81
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.322	0.000	24.99	0.00
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.322	0.000	24.99	0.00
92.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.396	0.322	0.000	19.99	0.00
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.322	0.000	0.00	11.81
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.325	0.000	0.00	0.36
93.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.484	0.325	0.000	11.93	8.76
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.325	0.000	0.00	0.32
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.484	0.325	0.000	9.53	5.90
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.325	0.000	12.53	0.00
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.325	0.000	12.53	0.00
93.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	28.484	0.325	0.000	10.03	0.00
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.325	0.000	0.00	5.90
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.321	0.000	0.00	0.36
94.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.571	0.321	0.000	11.97	8.76
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.321	0.000	0.00	0.32



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

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

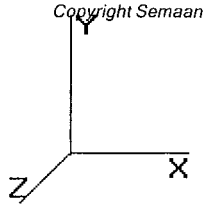
94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.571	0.321	0.000	9.55	5.90
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.321	0.000	12.57	0.00
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.321	0.000	12.57	0.00
94.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	28.571	0.321	0.000	10.06	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.321	0.000	0.00	5.90
96.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.323	0.000	0.00	0.72
96.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.744	0.323	0.000	24.08	17.52
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.323	0.000	0.00	0.65
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.744	0.323	0.000	19.22	11.81
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.323	0.000	25.29	0.00
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.323	0.000	25.29	0.00
96.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.744	0.323	0.000	20.24	0.00
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.323	0.000	0.00	11.81
98.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.326	0.000	0.00	0.72
98.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.913	0.326	0.000	24.22	17.52
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.326	0.000	0.00	0.65
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.913	0.326	0.000	19.34	11.81
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.326	0.000	25.44	0.00
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.326	0.000	25.44	0.00
98.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.913	0.326	0.000	20.36	0.00
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.326	0.000	0.00	11.81
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.330	0.000	0.00	0.72
100.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.081	0.330	0.000	24.36	17.52
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.330	0.000	0.00	0.65
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.081	0.330	0.000	19.45	11.81
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.330	0.000	25.59	0.00
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.330	0.000	25.59	0.00
100.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.081	0.330	0.000	20.47	0.00
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.330	0.000	0.00	11.81
102.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.333	0.000	0.00	0.72
102.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.246	0.333	0.000	24.50	17.52
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.333	0.000	0.00	0.65
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.246	0.333	0.000	19.56	11.81
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.333	0.000	25.74	0.00
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.333	0.000	25.74	0.00
102.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.246	0.333	0.000	20.59	0.00
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.333	0.000	0.00	11.81
104.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.337	0.000	0.00	0.72
104.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.409	0.337	0.000	24.64	17.52
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.337	0.000	0.00	0.65
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.409	0.337	0.000	19.67	11.81
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.337	0.000	25.88	0.00
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.337	0.000	25.88	0.00
104.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.409	0.337	0.000	20.70	0.00
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.337	0.000	0.00	11.81
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.340	0.000	0.00	0.36
105.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.489	0.340	0.000	12.35	8.76
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.340	0.000	0.00	0.32
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.489	0.340	0.000	9.86	5.90
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.340	0.000	12.98	0.00
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.340	0.000	12.98	0.00
105.0	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	29.489	0.340	0.000	10.38	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.340	0.000	0.00	5.90
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.341	0.000	0.00	0.36
106.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.569	0.341	0.000	12.39	8.76
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.341	0.000	0.00	0.32
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.569	0.341	0.000	9.89	5.90



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

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

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.341	0.000	13.01	0.00
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.341	0.000	13.01	0.00
106.0	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	29.569	0.341	0.000	10.41	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.341	0.000	0.00	5.90
108.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.344	0.000	0.00	0.72
108.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.727	0.344	0.000	24.90	17.52
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.344	0.000	0.00	0.65
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.727	0.344	0.000	19.88	11.81
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.344	0.000	26.16	0.00
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.344	0.000	26.16	0.00
108.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.727	0.344	0.000	20.93	0.00
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.344	0.000	0.00	11.81
110.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.348	0.000	0.00	0.72
110.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.884	0.348	0.000	25.04	17.52
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.348	0.000	0.00	0.65
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.884	0.348	0.000	19.99	11.81
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.348	0.000	26.30	0.00
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.348	0.000	26.30	0.00
110.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.884	0.348	0.000	21.04	0.00
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.348	0.000	0.00	11.81
112.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.72
112.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.038	0.193	1.278	0.00	17.52
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.65
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	11.81
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	11.81
114.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.72
114.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.190	0.195	1.285	0.00	17.52
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.65
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	11.81
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	11.81
116.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.72
116.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.341	0.197	1.291	0.00	17.52
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.65
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	11.81
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	11.81
116.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.18
116.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	30.378	0.198	1.295	0.00	4.38
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.16
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.95
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.95
118.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.54
118.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	30.489	0.200	1.299	0.00	13.14
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.49
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	8.85
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	8.85
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.72
120.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.636	0.202	0.000	25.67	17.52
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.65
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	11.81
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	11.81
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.36
121.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.709	0.203	0.000	12.86	8.76
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.32
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	5.90
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	5.90
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.36
122.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.781	0.201	0.000	12.89	8.76

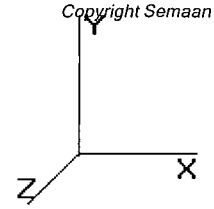


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.32
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	5.90
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	5.90
124.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.72
124.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.924	0.203	0.000	25.91	17.52
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.65
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	11.81
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	11.81
126.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.72
126.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.066	0.205	0.000	26.03	17.52
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.65
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	11.81
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	11.81
128.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.72
128.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.206	0.208	0.000	26.14	17.52
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.65
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	11.81
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	11.81
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.72
130.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.345	0.210	0.000	26.26	17.52
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.65
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	11.81
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	11.81
132.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.72
132.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.482	0.213	0.000	26.37	17.52
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.65
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	11.81
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	11.81
134.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.72
134.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.617	0.216	0.000	26.49	17.52
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.65
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	11.81
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	11.81
136.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.72
136.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.751	0.218	0.000	26.60	17.52
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.65
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	11.81
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	11.81
138.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.72
138.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.884	0.221	0.000	26.71	17.52
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.65
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	11.81
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	11.81
139.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.950	0.223	0.000	0.00	0.36
139.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	31.950	0.223	0.000	13.38	8.76
139.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.950	0.223	0.000	0.00	0.32
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	31.950	0.223	0.000	10.68	5.90
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	31.950	0.223	0.000	10.68	5.90
140.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.015	0.225	0.000	0.00	0.36
140.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	32.015	0.225	0.000	13.41	8.76
140.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.015	0.225	0.000	0.00	0.32
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.015	0.225	0.000	10.71	5.90
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.015	0.225	0.000	10.71	5.90
142.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.72
142.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.145	0.227	0.000	26.93	17.52
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.65
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	11.81

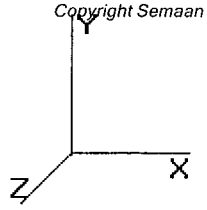


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	11.81
144.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.72
144.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.274	0.230	0.000	27.04	17.52
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.65
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	11.81
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	11.81
145.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.36
145.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	32.338	0.232	0.000	13.55	8.76
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.32
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	5.90
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	5.90
146.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.36
146.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.402	0.162	1.186	0.00	8.76
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.32
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.402	0.162	1.186	0.00	5.90
148.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.72
148.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.528	0.163	1.190	0.00	17.52
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.65
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.528	0.163	1.190	0.00	11.81
149.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.36
149.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.590	0.165	1.195	0.00	8.76
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.32
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.590	0.165	1.195	0.00	5.90
150.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.36
150.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.653	0.166	1.199	0.00	8.76
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.32
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.653	0.166	1.199	0.00	5.90
152.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.72
152.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.777	0.168	1.204	0.00	17.52
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.65
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.777	0.168	1.204	0.00	11.81
152.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.18
152.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	32.807	0.170	1.209	0.00	4.38
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.16
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	32.807	0.170	1.209	0.00	2.95
154.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.54
154.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	32.899	0.168	1.205	0.00	13.14
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.49
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	32.899	0.168	1.205	0.00	8.85
156.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.72
156.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.021	0.170	1.211	0.00	17.52
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.65
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.021	0.170	1.211	0.00	11.81
158.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.72
158.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.141	0.173	1.218	0.00	17.52
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.65
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.141	0.173	1.218	0.00	11.81
160.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.72
160.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.260	0.175	1.226	0.00	17.52
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.65
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.260	0.175	1.226	0.00	11.81
162.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.72
162.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.379	0.178	1.233	0.00	17.52
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.65
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.379	0.178	1.233	0.00	11.81
164.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.72
164.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.496	0.180	1.241	0.00	17.52



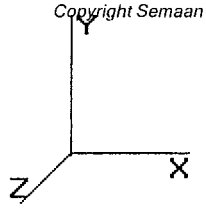
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.65
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.496	0.180	1.241	0.00	11.81
166.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.72
166.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.612	0.183	1.250	0.00	17.52
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.65
166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.612	0.183	1.250	0.00	11.81
167.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.36
167.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.670	0.185	1.256	0.00	8.76
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.32
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.670	0.185	1.256	0.00	5.90
168.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.36
168.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.727	0.187	1.260	0.00	8.76
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.32
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.727	0.187	1.260	0.00	5.90
170.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.72
170.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.842	0.189	1.267	0.00	17.52
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.65
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.842	0.189	1.267	0.00	11.81
172.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.72
172.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.955	0.192	1.276	0.00	17.52
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.65
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.955	0.192	1.276	0.00	11.81
174.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.72
174.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.067	0.195	1.285	0.00	17.52
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.65
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	34.067	0.195	1.285	0.00	11.81
175.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.36
175.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.123	0.197	1.292	0.00	8.76
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.32
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	34.123	0.197	1.292	0.00	5.90
176.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.36
176.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.179	0.111	1.032	0.00	8.76
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.32
178.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.72
178.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.289	0.112	1.036	0.00	17.52
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.65
180.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.72
180.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.399	0.114	1.042	0.00	17.52
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.65
182.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.72
182.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.508	0.116	1.048	0.00	17.52
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.65
183.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.36
183.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.562	0.118	1.053	0.00	8.76
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.32
										Totals:	6,044.80	3,511.05

Pole :	302535	Code: ANSI/TIA-222 Rev G	6/28/2011 11:04:48 A
Location :	Milford CT 2, CT	Struct Class : II	Page: 20
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	

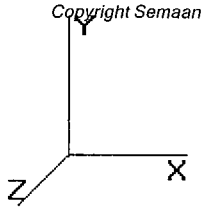


Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

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
2.00	217.72	754.97	0.00	0.00
4.00	216.75	750.43	0.00	0.00
6.00	240.98	806.41	0.00	0.00
8.00	430.75	862.38	0.00	0.00
10.00	428.17	857.85	0.00	0.00
12.00	425.60	853.31	0.00	0.00
14.00	423.02	848.78	0.00	0.00
16.00	420.45	844.25	0.00	0.00
18.00	417.87	839.71	0.00	0.00
20.00	415.29	835.18	0.00	0.00
22.00	412.72	830.64	0.00	0.00
24.00	410.14	826.11	0.00	0.00
26.00	407.57	821.58	0.00	0.00
28.00	404.99	817.04	0.00	0.00
28.50	100.85	203.55	0.00	0.00
30.00	307.35	1,036.67	0.00	0.00
32.00	415.13	1,374.29	0.00	0.00
34.00	419.71	1,365.23	0.00	0.00
35.00	210.59	679.21	0.00	0.00
36.00	211.61	405.37	0.00	0.00
38.00	427.75	807.33	0.00	0.00
40.00	431.26	802.80	0.00	0.00
42.00	434.48	798.27	0.00	0.00
44.00	437.42	793.73	0.00	0.00
46.00	440.10	789.20	0.00	0.00
48.00	442.53	784.66	0.00	0.00
50.00	511.92	796.93	0.00	0.00
52.00	446.74	775.60	0.00	0.00
54.00	448.53	771.06	0.00	0.00
56.00	450.13	766.53	0.00	0.00
58.00	451.56	761.99	0.00	0.00
60.00	459.55	1,143.10	0.00	0.00
62.00	460.70	1,135.16	0.00	0.00
63.50	345.80	846.17	0.00	0.00
64.00	115.12	158.04	0.00	0.00
66.00	462.54	630.05	0.00	0.00
68.00	463.25	626.65	0.00	0.00
70.00	463.82	623.25	0.00	0.00
72.00	464.26	619.85	0.00	0.00
74.00	464.57	616.45	0.00	0.00
76.00	464.76	613.05	0.00	0.00
78.00	464.83	609.65	0.00	0.00
80.00	464.80	606.25	0.00	0.00
82.00	464.65	602.85	0.00	0.00
84.00	464.40	599.45	0.00	0.00
86.00	464.05	596.05	0.00	0.00
88.00	463.60	592.65	0.00	0.00
90.00	469.37	873.68	0.00	0.00
92.00	468.77	867.44	0.00	0.00



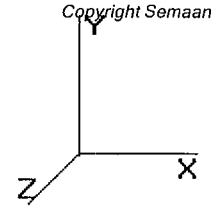
Load Case: 1.2D + 1.6W — 110.00 mph with No Ice — 32 Iterations

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

Wind Importance Factor : 1.00

93.00	233.78	431.38	0.00	0.00
94.00	233.60	266.33	0.00	0.00
96.00	467.32	530.54	0.00	0.00
98.00	466.47	527.71	0.00	0.00
100.0	465.53	524.88	0.00	0.00
102.0	464.51	522.04	0.00	0.00
104.0	463.42	519.21	0.00	0.00
105.0	230.96	258.54	0.00	0.00
106.0	230.66	191.03	0.00	0.00
108.0	461.01	379.94	0.00	0.00
110.0	459.70	377.11	0.00	0.00
112.0	234.74	374.28	0.00	0.00
114.0	234.50	371.44	0.00	0.00
116.0	234.23	368.61	0.00	0.00
116.5	58.40	91.71	0.00	0.00
118.0	178.19	423.44	0.00	0.00
120.0	402.59	560.13	0.00	0.00
121.0	200.33	278.15	0.00	0.00
122.0	199.84	157.68	0.00	0.00
124.0	398.65	313.67	0.00	0.00
126.0	4,790.34	3,064.20	0.00	0.00
128.0	394.48	284.08	0.00	0.00
130.0	392.31	281.81	0.00	0.00
132.0	390.09	279.55	0.00	0.00
134.0	387.81	277.28	0.00	0.00
136.0	385.49	275.01	0.00	0.00
138.0	383.11	272.75	0.00	0.00
139.0	1,709.61	1,234.31	0.00	0.00
140.0	189.84	134.81	0.00	0.00
142.0	378.21	267.92	0.00	0.00
144.0	375.69	265.66	0.00	0.00
145.0	1,081.37	598.78	0.00	0.00
146.0	96.85	119.60	0.00	0.00
148.0	193.29	237.51	0.00	0.00
149.0	96.25	117.90	0.00	0.00
150.0	97.47	179.38	0.00	0.00
152.0	194.52	355.79	0.00	0.00
152.5	48.44	88.33	0.00	0.00
154.0	144.22	144.72	0.00	0.00
156.0	191.63	191.47	0.00	0.00
158.0	190.76	189.77	0.00	0.00
160.0	189.87	188.07	0.00	0.00
162.0	188.96	186.37	0.00	0.00
164.0	188.04	184.67	0.00	0.00
166.0	187.10	182.97	0.00	0.00
167.0	4,601.32	3,418.45	0.00	0.00
168.0	92.87	80.96	0.00	0.00
170.0	185.17	160.64	0.00	0.00
172.0	184.18	158.94	0.00	0.00
174.0	183.17	157.24	0.00	0.00
175.0	648.93	173.02	0.00	0.00
176.0	72.30	71.65	0.00	0.00
178.0	143.85	142.03	0.00	0.00
180.0	142.68	140.33	0.00	0.00
182.0	141.49	138.63	0.00	0.00
183.0	5,053.13	2,994.52	0.00	6,656.73

Pole :	302535	Code: ANSI/TIA-222 Rev G	
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	



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

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

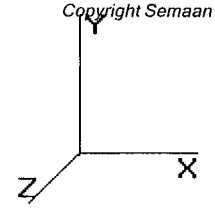
Wind Importance Factor : 1.00

Totals:	50,381.78	62,327.85	0.00	6,656.73

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

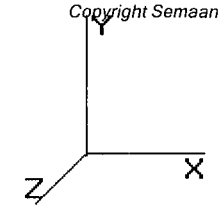
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

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	-62.28	-50.44	0.00	-5,697.52	0.00	5,697.52	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.998
2.00	-61.43	-50.34	0.00	-5,596.64	0.00	5,596.64	4,332.44	2,166.22	8,482.10	4,247.36	0.02	-0.11	0.993
4.00	-60.58	-50.23	0.00	-5,495.97	0.00	5,495.97	4,300.71	2,150.36	8,357.68	4,185.05	0.09	-0.21	0.987
6.00	-59.69	-50.10	0.00	-5,395.50	0.00	5,395.50	4,268.98	2,134.49	8,234.19	4,123.21	0.21	-0.32	0.981
8.00	-58.73	-49.77	0.00	-5,295.30	0.00	5,295.30	4,237.26	2,118.63	8,111.60	4,061.83	0.36	-0.43	0.975
10.00	-57.79	-49.45	0.00	-5,195.76	0.00	5,195.76	4,205.53	2,102.76	7,989.95	4,000.91	0.57	-0.54	0.969
12.00	-56.84	-49.12	0.00	-5,096.86	0.00	5,096.86	4,173.80	2,086.90	7,869.20	3,940.45	0.82	-0.65	0.963
14.00	-55.91	-48.79	0.00	-4,998.62	0.00	4,998.62	4,142.07	2,071.04	7,749.38	3,880.45	1.11	-0.75	0.956
16.00	-54.98	-48.47	0.00	-4,901.03	0.00	4,901.03	4,110.34	2,055.17	7,630.48	3,820.91	1.45	-0.86	0.950
18.00	-54.05	-48.14	0.00	-4,804.11	0.00	4,804.11	4,078.62	2,039.31	7,512.50	3,761.83	1.84	-0.97	0.943
20.00	-53.14	-47.81	0.00	-4,707.84	0.00	4,707.84	4,046.89	2,023.44	7,395.44	3,703.21	2.27	-1.08	0.936
22.00	-52.22	-47.48	0.00	-4,612.23	0.00	4,612.23	4,015.16	2,007.58	7,279.29	3,645.06	2.74	-1.19	0.929
24.00	-51.32	-47.15	0.00	-4,517.28	0.00	4,517.28	3,983.43	1,991.72	7,164.07	3,587.36	3.27	-1.30	0.922
26.00	-50.42	-46.81	0.00	-4,422.99	0.00	4,422.99	3,951.70	1,975.85	7,049.76	3,530.12	3.83	-1.40	0.915
28.00	-49.56	-46.45	0.00	-4,329.36	0.00	4,329.36	3,919.98	1,959.99	6,936.37	3,473.34	4.44	-1.51	0.908
28.50	-49.31	-46.39	0.00	-4,306.14	0.00	4,306.14	3,912.04	1,956.02	6,908.17	3,459.22	4.60	-1.54	0.906
30.00	-48.21	-46.13	0.00	-4,236.56	0.00	4,236.56	3,888.25	1,944.12	6,823.91	3,417.03	5.10	-1.62	0.890
32.00	-46.76	-45.76	0.00	-4,144.30	0.00	4,144.30	3,856.52	1,928.26	6,712.36	3,361.17	5.80	-1.73	0.882
34.00	-45.35	-45.36	0.00	-4,052.77	0.00	4,052.77	3,824.79	1,912.40	6,601.73	3,305.77	6.55	-1.84	0.874
35.00	-44.63	-45.17	0.00	-4,007.41	0.00	4,007.41	3,899.62	1,949.81	6,864.12	3,437.16	6.94	-1.89	0.847
36.00	-44.17	-45.01	0.00	-3,962.23	0.00	3,962.23	3,883.76	1,941.88	6,808.07	3,409.09	7.34	-1.94	0.843
38.00	-43.30	-44.63	0.00	-3,872.22	0.00	3,872.22	3,852.03	1,926.02	6,696.65	3,353.30	8.18	-2.04	0.835
40.00	-42.44	-44.25	0.00	-3,782.96	0.00	3,782.96	3,820.30	1,910.15	6,586.15	3,297.97	9.06	-2.15	0.827
42.00	-41.58	-43.85	0.00	-3,694.47	0.00	3,694.47	3,788.58	1,894.29	6,476.57	3,243.10	9.98	-2.25	0.819
44.00	-40.73	-43.46	0.00	-3,606.76	0.00	3,606.76	3,756.85	1,878.42	6,367.91	3,188.69	10.94	-2.35	0.811
46.00	-39.88	-43.05	0.00	-3,519.85	0.00	3,519.85	3,725.12	1,862.56	6,260.17	3,134.74	11.95	-2.45	0.802
48.00	-39.04	-42.65	0.00	-3,433.74	0.00	3,433.74	3,693.39	1,846.70	6,153.35	3,081.25	13.00	-2.55	0.794
50.00	-38.20	-42.17	0.00	-3,348.45	0.00	3,348.45	3,661.66	1,830.83	6,047.45	3,028.22	14.09	-2.65	0.785
52.00	-37.37	-41.75	0.00	-3,264.12	0.00	3,264.12	3,629.94	1,814.97	5,942.47	2,975.65	15.22	-2.75	0.776
54.00	-36.55	-41.33	0.00	-3,180.63	0.00	3,180.63	3,598.21	1,799.10	5,838.41	2,923.54	16.39	-2.85	0.767
56.00	-35.74	-40.90	0.00	-3,097.98	0.00	3,097.98	3,566.48	1,783.24	5,735.26	2,871.89	17.61	-2.95	0.758
58.00	-34.93	-40.47	0.00	-3,016.18	0.00	3,016.18	3,534.75	1,767.38	5,633.04	2,820.71	18.87	-3.05	0.749
60.00	-33.74	-40.01	0.00	-2,935.24	0.00	2,935.24	3,503.02	1,751.51	5,531.73	2,769.98	20.16	-3.15	0.732
62.00	-32.58	-39.53	0.00	-2,855.23	0.00	2,855.23	3,471.30	1,735.65	5,431.35	2,719.71	21.50	-3.25	0.722
63.50	-31.72	-39.16	0.00	-2,795.94	0.00	2,795.94	3,158.12	1,579.06	5,037.43	2,522.46	22.53	-3.32	0.705
64.00	-31.52	-39.08	0.00	-2,776.35	0.00	2,776.35	3,152.80	1,576.40	5,017.53	2,512.49	22.88	-3.34	0.702
66.00	-30.84	-38.64	0.00	-2,698.20	0.00	2,698.20	3,131.44	1,565.72	4,938.17	2,472.75	24.31	-3.45	0.690
68.00	-30.17	-38.20	0.00	-2,620.92	0.00	2,620.92	3,109.92	1,554.96	4,859.19	2,433.21	25.78	-3.56	0.678
70.00	-29.51	-37.75	0.00	-2,544.53	0.00	2,544.53	3,081.37	1,540.68	4,769.94	2,388.51	27.29	-3.67	0.667
72.00	-28.85	-37.30	0.00	-2,469.03	0.00	2,469.03	3,052.81	1,526.41	4,681.51	2,344.23	28.86	-3.78	0.657
74.00	-28.20	-36.85	0.00	-2,394.43	0.00	2,394.43	3,024.26	1,512.13	4,593.91	2,300.37	30.46	-3.89	0.646
76.00	-27.55	-36.40	0.00	-2,320.73	0.00	2,320.73	2,995.70	1,497.85	4,507.14	2,256.92	32.12	-4.00	0.635
78.00	-26.91	-35.94	0.00	-2,247.93	0.00	2,247.93	2,967.15	1,483.57	4,421.19	2,213.88	33.82	-4.11	0.624
80.00	-26.27	-35.48	0.00	-2,176.06	0.00	2,176.06	2,938.59	1,469.30	4,336.07	2,171.26	35.56	-4.21	0.613
82.00	-25.64	-35.02	0.00	-2,105.10	0.00	2,105.10	2,910.04	1,455.02	4,251.78	2,129.05	37.34	-4.32	0.602
84.00	-25.02	-34.56	0.00	-2,035.06	0.00	2,035.06	2,881.48	1,440.74	4,168.32	2,087.26	39.17	-4.42	0.590
86.00	-24.40	-34.09	0.00	-1,965.95	0.00	1,965.95	2,852.93	1,426.46	4,085.69	2,045.88	41.05	-4.52	0.579
88.00	-23.78	-33.62	0.00	-1,897.77	0.00	1,897.77	2,824.37	1,412.19	4,003.88	2,004.91	42.96	-4.63	0.567
90.00	-22.89	-33.12	0.00	-1,830.53	0.00	1,830.53	2,795.82	1,397.91	3,922.90	1,964.36	44.92	-4.73	0.548
92.00	-22.03	-32.61	0.00	-1,764.28	0.00	1,764.28	2,767.26	1,383.63	3,842.74	1,924.23	46.92	-4.83	0.536
93.00	-21.59	-32.36	0.00	-1,731.67	0.00	1,731.67	2,292.76	1,146.38	3,238.31	1,621.56	47.94	-4.88	0.591

Pole :	302535	Code: ANSI/TIA-222 Rev G	
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	



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

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

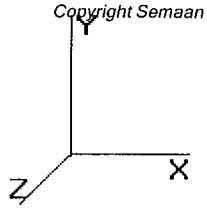
Wind Importance Factor : 1.00

94.00	-21.30	-32.13	0.00	-1,699.31	0.00	1,699.31	2,284.25	1,142.13	3,209.75	1,607.26	48.96	-4.92	0.583
96.00	-20.76	-31.66	0.00	-1.635.04	0.00	1.635.04	2.267.14	1.133.57	3.152.86	1.578.78	51.05	-5.03	0.568
98.00	-20.22	-31.18	0.00	-1,571.72	0.00	1,571.72	2,249.90	1,124.95	3,096.30	1,550.45	53.17	-5.13	0.552
100.00	-19.68	-30.71	0.00	-1,509.35	0.00	1,509.35	2,232.54	1,116.27	3,040.06	1,522.29	55.34	-5.23	0.537
102.00	-19.15	-30.23	0.00	-1,447.94	0.00	1,447.94	2,215.04	1,107.52	2,984.14	1,494.29	57.55	-5.33	0.521
104.00	-18.64	-29.74	0.00	-1,387.48	0.00	1,387.48	2,197.42	1,098.71	2,928.57	1,466.46	59.80	-5.42	0.505
105.00	-18.38	-29.50	0.00	-1,357.74	0.00	1,357.74	2,188.56	1,094.28	2,900.91	1,452.61	60.94	-5.47	0.498
105.00	-18.38	-29.50	0.00	-1,357.74	0.00	1,357.74	2,188.56	1,094.28	2,900.91	1,452.61	60.94	-5.47	0.944
106.00	-18.16	-29.29	0.00	-1.328.24	0.00	1.328.24	2.179.67	1.089.83	2.873.33	1.438.80	62.09	-5.52	0.932
108.00	-17.74	-28.85	0.00	-1,269.66	0.00	1,269.66	2,161.78	1,080.89	2,818.44	1,411.32	64.44	-5.70	0.909
110.00	-17.32	-28.41	0.00	-1,211.96	0.00	1,211.96	2,138.65	1,069.33	2,757.31	1,380.70	66.86	-5.87	0.887
112.00	-16.89	-28.19	0.00	-1,155.14	0.00	1,155.14	2,114.86	1,057.43	2,695.99	1,350.00	69.35	-6.04	0.864
114.00	-16.46	-27.96	0.00	-1,098.77	0.00	1,098.77	2,091.06	1,045.53	2,635.36	1,319.64	71.91	-6.21	0.841
116.00	-16.07	-27.72	0.00	-1,042.85	0.00	1,042.85	2,067.27	1,033.63	2,575.43	1,289.63	74.55	-6.38	0.817
116.50	-15.95	-27.67	0.00	-1,028.99	0.00	1,028.99	2,061.32	1,030.66	2,560.55	1,282.18	75.22	-6.42	0.811
118.00	-15.48	-27.49	0.00	-987.48	0.00	987.48	2.043.47	1.021.73	2.516.18	1.259.96	77.25	-6.55	0.792
120.00	-14.91	-27.05	0.00	-932.51	0.00	932.51	2,019.67	1,009.84	2,457.62	1,230.64	80.02	-6.71	0.766
121.00	-14.62	-26.84	0.00	-905.46	0.00	905.46	1,562.89	781.45	1,930.84	966.86	81.43	-6.79	0.947
122.00	-14.43	-26.66	0.00	-878.62	0.00	878.62	1,556.55	778.28	1,911.74	957.29	82.86	-6.87	0.928
124.00	-14.08	-26.27	0.00	-825.30	0.00	825.30	1,543.77	771.89	1,873.68	938.23	85.77	-7.05	0.890
126.00	-11.57	-21.17	0.00	-772.77	0.00	772.77	1,530.87	765.43	1,835.84	919.28	88.75	-7.22	0.849
128.00	-11.28	-20.77	0.00	-730.43	0.00	730.43	1.517.84	758.92	1.798.22	900.45	91.81	-7.39	0.819
130.00	-10.99	-20.38	0.00	-688.88	0.00	688.88	1,504.67	752.34	1,760.83	881.72	94.93	-7.56	0.789
132.00	-10.71	-19.99	0.00	-648.12	0.00	648.12	1,491.38	745.69	1,723.67	863.12	98.13	-7.73	0.759
134.00	-10.44	-19.59	0.00	-608.15	0.00	608.15	1,477.96	738.98	1,686.75	844.63	101.39	-7.89	0.728
136.00	-10.17	-19.20	0.00	-568.96	0.00	568.96	1,464.41	732.21	1,650.07	826.26	104.72	-8.04	0.696
138.00	-9.91	-18.80	0.00	-530.56	0.00	530.56	1,450.74	725.37	1,613.64	808.02	108.11	-8.19	0.664
139.00	-8.92	-16.95	0.00	-511.75	0.00	511.75	1,443.85	721.92	1,595.53	798.95	109.82	-8.27	0.647
140.00	-8.78	-16.76	0.00	-494.81	0.00	494.81	1.436.93	718.47	1.577.47	789.91	111.56	-8.34	0.633
142.00	-8.53	-16.36	0.00	-461.30	0.00	461.30	1,423.00	711.50	1,541.56	771.93	115.07	-8.48	0.604
144.00	-8.29	-15.97	0.00	-428.57	0.00	428.57	1,408.93	704.47	1,505.92	754.08	118.64	-8.62	0.575
145.00	-7.85	-14.82	0.00	-412.60	0.00	412.60	1,401.85	700.93	1,488.20	745.20	120.45	-8.69	0.560
146.00	-7.72	-14.72	0.00	-397.79	0.00	397.79	1,394.74	697.37	1,470.54	736.36	122.26	-8.75	0.546
148.00	-7.49	-14.50	0.00	-368.36	0.00	368.36	1,379.83	689.92	1,434.84	718.48	125.94	-8.88	0.519
149.00	-7.37	-14.40	0.00	-353.86	0.00	353.86	1,370.32	685.16	1,415.01	708.56	127.80	-8.94	0.505
150.00	-7.19	-14.28	0.00	-339.46	0.00	339.46	1.360.80	680.40	1.395.33	698.70	129.68	-9.00	0.492
152.00	-6.85	-14.04	0.00	-310.89	0.00	310.89	1,341.76	670.88	1,356.37	679.19	133.46	-9.12	0.463
152.50	-6.76	-13.99	0.00	-303.87	0.00	303.87	942.35	471.17	968.66	485.05	134.41	-9.15	0.635
154.00	-6.61	-13.84	0.00	-282.89	0.00	282.89	935.87	467.94	951.84	476.63	137.29	-9.24	0.601
156.00	-6.42	-13.63	0.00	-255.22	0.00	255.22	927.12	463.56	929.51	465.45	141.17	-9.37	0.556
158.00	-6.24	-13.42	0.00	-227.96	0.00	227.96	918.25	459.12	907.31	454.33	145.10	-9.50	0.509
160.00	-6.06	-13.22	0.00	-201.11	0.00	201.11	909.24	454.62	885.24	443.28	149.09	-9.61	0.461
162.00	-5.88	-13.01	0.00	-174.68	0.00	174.68	900.11	450.06	863.31	432.30	153.12	-9.72	0.411
164.00	-5.71	-12.80	0.00	-148.66	0.00	148.66	890.85	445.42	841.52	421.39	157.19	-9.82	0.360
166.00	-5.55	-12.59	0.00	-123.05	0.00	123.05	881.46	440.73	819.88	410.55	161.31	-9.90	0.307
167.00	-2.97	-7.47	0.00	-110.46	0.00	110.46	876.72	438.36	809.12	405.16	163.37	-9.94	0.276
168.00	-2.90	-7.37	0.00	-102.98	0.00	102.98	871.94	435.97	798.40	399.79	165.45	-9.97	0.261
170.00	-2.77	-7.16	0.00	-88.24	0.00	88.24	862.29	431.15	777.07	389.11	169.62	-10.04	0.230
172.00	-2.64	-6.96	0.00	-73.91	0.00	73.91	852.52	426.26	755.91	378.52	173.82	-10.10	0.199
174.00	-2.51	-6.75	0.00	-60.00	0.00	60.00	842.61	421.31	734.92	368.01	178.04	-10.15	0.166
175.00	-2.45	-6.08	0.00	-53.25	0.00	53.25	837.61	418.81	724.49	362.78	180.15	-10.17	0.150
176.00	-2.39	-6.00	0.00	-47.17	0.00	47.17	832.58	416.29	714.11	357.59	182.27	-10.19	0.135
178.00	-2.27	-5.83	0.00	-35.17	0.00	35.17	822.42	411.21	693.48	347.26	186.53	-10.22	0.104
180.00	-2.16	-5.67	0.00	-23.50	0.00	23.50	812.13	406.06	673.04	337.02	190.79	-10.25	0.073
182.00	-2.05	-5.51	0.00	-12.16	0.00	12.16	801.71	400.85	652.79	326.88	195.07	-10.27	0.040
183.00	0.00	-5.05	0.00	-6.66	0.00	6.66	796.45	398.23	642.74	321.85	197.21	-10.27	0.021

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

Wind Importance Factor : 1.00

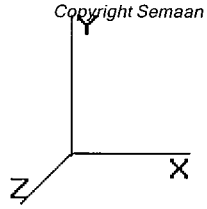
Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	20.599	22.65	378.63	0.650		0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	20.599	22.65	375.91	0.650	*	0.000	2.00	8.199	5.33	193.2	0.0	599.6
4.00		1.00	0.70	20.599	22.65	373.18	0.650	*	0.000	2.00	8.139	5.29	191.8	0.0	596.2
6.00		1.00	0.70	20.599	22.65	370.46	0.650	*	0.000	2.00	8.080	5.25	190.4	0.0	592.8
8.00		1.00	0.70	20.599	22.65	367.73	1.200	*	0.000	2.00	8.021	9.63	349.0	0.0	589.4
10.00		1.00	0.70	20.599	22.65	365.01	1.200	*	0.000	2.00	7.962	9.55	346.4	0.0	586.0
12.00		1.00	0.70	20.599	22.65	362.29	1.200	*	0.000	2.00	7.903	9.48	343.8	0.0	582.6
14.00		1.00	0.70	20.599	22.65	359.56	1.200	*	0.000	2.00	7.843	9.41	341.2	0.0	579.2
16.00		1.00	0.70	20.599	22.65	356.84	1.200	*	0.000	2.00	7.784	9.34	338.7	0.0	575.8
18.00		1.00	0.70	20.599	22.65	354.11	1.200	*	0.000	2.00	7.725	9.27	336.1	0.0	572.4
20.00		1.00	0.70	20.599	22.65	351.39	1.200	*	0.000	2.00	7.666	9.20	333.5	0.0	569.0
22.00		1.00	0.70	20.599	22.65	348.66	1.200	*	0.000	2.00	7.607	9.13	330.9	0.0	565.6
24.00		1.00	0.70	20.599	22.65	345.94	1.200	*	0.000	2.00	7.547	9.06	328.4	0.0	562.2
26.00		1.00	0.70	20.599	22.65	343.21	1.200	*	0.000	2.00	7.488	8.99	325.8	0.0	558.8
28.00		1.00	0.70	20.599	22.65	340.49	1.200	*	0.000	2.00	7.429	8.91	323.2	0.0	555.4
28.50	Bot - Section 2	1.00	0.70	20.599	22.65	339.81	1.200	*	0.000	0.50	1.848	2.22	80.4	0.0	138.3
30.00		1.00	0.70	20.616	22.67	337.91	1.200	*	0.000	1.50	5.649	6.78	246.0	0.0	734.5
32.00		1.00	0.71	21.000	23.10	338.29	1.200	*	0.000	2.00	7.480	8.98	331.7	0.0	973.4
34.00		1.00	0.72	21.367	23.50	338.46	1.200	*	0.000	2.00	7.421	8.90	334.9	0.0	966.6
35.00	Top - Section 1	1.00	0.73	21.545	23.69	338.47	1.200	*	0.000	1.00	3.688	4.43	167.8	0.0	480.7
36.00		1.00	0.73	21.719	23.89	346.43	1.200	*	0.000	1.00	3.673	4.41	168.5	0.0	275.3
38.00		1.00	0.75	22.057	24.26	346.30	1.200	*	0.000	2.00	7.302	8.76	340.2	0.0	548.1
40.00		1.00	0.76	22.383	24.62	346.00	1.200	*	0.000	2.00	7.243	8.69	342.4	0.0	544.7
42.00		1.00	0.77	22.697	24.96	345.56	1.200	*	0.000	2.00	7.184	8.62	344.4	0.0	541.3
44.00		1.00	0.78	23.000	25.30	344.99	1.200	*	0.000	2.00	7.125	8.55	346.1	0.0	537.9
46.00		1.00	0.79	23.294	25.62	344.29	1.200	*	0.000	2.00	7.065	8.48	347.6	0.0	534.5
48.00		1.00	0.80	23.579	25.93	343.47	1.200	*	0.000	2.00	7.006	8.41	348.9	0.0	531.1
50.00	Appertunance(s)	1.00	0.81	23.856	26.24	342.55	1.200	*	0.000	2.00	6.947	8.34	350.0	0.0	527.7
52.00		1.00	0.82	24.125	26.53	341.53	1.200	*	0.000	2.00	6.888	8.27	350.9	0.0	524.3
54.00		1.00	0.82	24.386	26.82	340.41	1.200	*	0.000	2.00	6.829	8.19	351.7	0.0	520.9
56.00		1.00	0.83	24.641	27.10	339.20	1.200	*	0.000	2.00	6.769	8.12	352.3	0.0	517.5
58.00	Bot - Section 3	1.00	0.84	24.889	27.37	337.91	1.200	*	0.000	2.00	6.710	8.05	352.7	0.0	514.1
60.00		1.00	0.85	25.132	27.64	336.54	1.200	*	0.000	2.00	6.778	8.13	359.8	0.0	800.0
62.00		1.00	0.86	25.368	27.90	335.10	1.200	*	0.000	2.00	6.719	8.06	360.0	0.0	794.0
63.50	Top - Section 2	1.00	0.86	25.542	28.09	333.97	1.200	*	0.000	1.50	5.000	6.00	269.7	0.0	591.6
64.00		1.00	0.87	25.599	28.15	340.10	1.200	*	0.000	0.50	1.659	1.99	89.7	0.0	104.2
66.00		1.00	0.87	25.825	28.40	338.55	1.200	*	0.000	2.00	6.600	7.92	360.0	0.0	415.2
68.00		1.00	0.88	26.047	28.65	336.93	1.200	*	0.000	2.00	6.541	7.85	359.8	0.0	412.6
70.00		1.00	0.89	26.263	28.89	335.25	1.200	*	0.000	2.00	6.482	7.78	359.5	0.0	410.1
72.00		1.00	0.90	26.476	29.12	333.51	1.200	*	0.000	2.00	6.423	7.71	359.1	0.0	407.5
74.00		1.00	0.90	26.684	29.35	331.72	1.200	*	0.000	2.00	6.363	7.64	358.6	0.0	405.0
76.00		1.00	0.91	26.888	29.57	329.88	1.200	*	0.000	2.00	6.304	7.57	358.0	0.0	402.4
78.00		1.00	0.92	27.088	29.79	327.98	1.200	*	0.000	2.00	6.245	7.49	357.3	0.0	399.9
80.00		1.00	0.92	27.285	30.01	326.03	1.200	*	0.000	2.00	6.186	7.42	356.5	0.0	397.3
82.00		1.00	0.93	27.478	30.22	324.04	1.200	*	0.000	2.00	6.127	7.35	355.5	0.0	394.8
84.00		1.00	0.94	27.668	30.43	322.00	1.200	*	0.000	2.00	6.067	7.28	354.5	0.0	392.2
86.00		1.00	0.94	27.854	30.64	319.91	1.200	*	0.000	2.00	6.008	7.21	353.5	0.0	389.7
88.00	Bot - Section 4	1.00	0.95	28.038	30.84	317.79	1.200	*	0.000	2.00	5.949	7.14	352.3	0.0	387.1
90.00		1.00	0.95	28.219	31.04	315.62	1.200	*	0.000	2.00	5.996	7.19	357.3	0.0	597.9
92.00		1.00	0.96	28.396	31.23	313.41	1.200	*	0.000	2.00	5.936	7.12	356.0	0.0	593.2
93.00	Top - Section 3	1.00	0.96	28.484	31.33	312.30	1.200	*	0.000	1.00	2.946	3.54	177.2	0.0	294.9

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

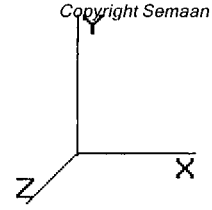
Wind Importance Factor : 1.00

94.00		1.00	0.97	28.571	31.42	316.90	1.200 *	0.000	1.00	2.931	3.52	176.9	0.0	171.1
96.00		1.00	0.97	28.744	31.61	314.64	1.200 *	0.000	2.00	5.818	6.98	353.2	0.0	340.5
98.00		1.00	0.98	28.913	31.80	312.34	1.200 *	0.000	2.00	5.759	6.91	351.7	0.0	338.4
100.0		1.00	0.98	29.081	31.98	310.00	1.200 *	0.000	2.00	5.700	6.84	350.1	0.0	336.3
102.0		1.00	0.99	29.246	32.17	307.64	1.200 *	0.000	2.00	5.640	6.77	348.4	0.0	334.2
104.0		1.00	0.99	29.409	32.34	305.24	1.200 *	0.000	2.00	5.581	6.70	346.7	0.0	332.0
105.0	Reinf. Top	1.00	1.00	29.489	32.43	304.02	1.200 *	0.000	1.00	2.768	3.32	172.4	0.0	165.2
106.0		1.00	1.00	29.569	32.52	302.80	1.200 *	0.000	1.00	2.754	3.30	172.0	0.0	97.9
108.0		1.00	1.01	29.727	32.70	300.34	1.200 *	0.000	2.00	5.463	6.56	343.0	0.0	194.2
110.0		1.00	1.01	29.884	32.87	297.85	1.200 *	0.000	2.00	5.404	6.48	341.0	0.0	192.1
112.0		1.00	1.02	30.038	33.04	295.32	0.650 *	0.000	2.00	5.344	3.47	183.6	0.0	189.9
114.0		1.00	1.02	30.190	33.20	292.77	0.650 *	0.000	2.00	5.285	3.44	182.5	0.0	187.8
116.0		1.00	1.03	30.341	33.37	290.20	0.650 *	0.000	2.00	5.226	3.40	181.4	0.0	185.7
116.5	Bot - Section 5	1.00	1.03	30.378	33.41	289.55	0.650 *	0.000	0.50	1.297	0.84	45.1	0.0	46.1
118.0		1.00	1.03	30.489	33.53	287.59	0.650 *	0.000	1.50	3.933	2.56	137.2	0.0	249.5
120.0		1.00	1.04	30.636	33.69	284.96	1.200 *	0.000	2.00	5.192	6.23	335.9	0.0	329.3
121.0	Top - Section 4	1.00	1.04	30.709	33.77	283.63	1.200 *	0.000	1.00	2.574	3.09	166.9	0.0	163.2
122.0		1.00	1.04	30.781	33.85	287.06	1.200 *	0.000	1.00	2.559	3.07	166.4	0.0	72.9
124.0		1.00	1.05	30.924	34.01	284.39	1.200 *	0.000	2.00	5.074	6.09	331.4	0.0	144.5
126.0	Appertunance(s)	1.00	1.05	31.066	34.17	281.70	1.200 *	0.000	2.00	5.015	6.02	329.0	0.0	142.8
128.0		1.00	1.06	31.206	34.32	278.98	1.200 *	0.000	2.00	4.955	5.95	326.6	0.0	141.1
130.0		1.00	1.06	31.345	34.47	276.24	1.200 *	0.000	2.00	4.896	5.88	324.1	0.0	139.4
132.0		1.00	1.07	31.482	34.63	273.47	1.200 *	0.000	2.00	4.837	5.80	321.6	0.0	137.7
134.0		1.00	1.07	31.617	34.77	270.68	1.200 *	0.000	2.00	4.778	5.73	319.0	0.0	136.0
136.0		1.00	1.07	31.751	34.92	267.88	1.200 *	0.000	2.00	4.719	5.66	316.4	0.0	134.3
138.0		1.00	1.08	31.884	35.07	265.05	1.200 *	0.000	2.00	4.659	5.59	313.8	0.0	132.6
139.0	Appertunance(s)	1.00	1.08	31.950	35.14	263.62	1.200 *	0.000	1.00	2.307	2.77	155.7	0.0	65.7
140.0		1.00	1.08	32.015	35.21	262.19	1.200 *	0.000	1.00	2.293	2.75	155.0	0.0	65.2
142.0		1.00	1.09	32.145	35.36	259.32	1.200 *	0.000	2.00	4.541	5.45	308.3	0.0	129.2
144.0		1.00	1.09	32.274	35.50	256.43	1.200 *	0.000	2.00	4.482	5.38	305.5	0.0	127.5
145.0	Appertunance(s)	1.00	1.09	32.338	35.57	254.98	1.200 *	0.000	1.00	2.219	2.66	151.5	0.0	63.1
146.0		1.00	1.10	32.402	35.64	253.52	0.650 *	0.000	1.00	2.204	1.43	81.7	0.0	62.7
148.0		1.00	1.10	32.528	35.78	250.59	0.650 *	0.000	2.00	4.363	2.84	162.4	0.0	124.1
149.0	Bot - Section 6	1.00	1.10	32.590	35.84	249.12	0.650 *	0.000	1.00	2.159	1.40	80.5	0.0	61.4
150.0		1.00	1.11	32.653	35.91	247.64	0.650 *	0.000	1.00	2.176	1.41	81.3	0.0	107.5
152.0		1.00	1.11	32.777	36.05	244.67	0.650 *	0.000	2.00	4.308	2.80	161.5	0.0	212.8
152.5	Top - Section 5	1.00	1.11	32.807	36.08	243.93	0.650 *	0.000	0.50	1.068	0.69	40.1	0.0	52.7
154.0		1.00	1.11	32.899	36.18	245.38	0.650 *	0.000	1.50	3.181	2.07	119.7	0.0	68.0
156.0		1.00	1.12	33.021	36.32	242.38	0.650 *	0.000	2.00	4.190	2.72	158.3	0.0	89.6
158.0		1.00	1.12	33.141	36.45	239.37	0.650 *	0.000	2.00	4.131	2.68	156.6	0.0	88.3
160.0		1.00	1.13	33.260	36.58	236.34	0.650 *	0.000	2.00	4.072	2.65	154.9	0.0	87.0
162.0		1.00	1.13	33.379	36.71	233.29	0.650 *	0.000	2.00	4.012	2.61	153.2	0.0	85.7
164.0		1.00	1.13	33.496	36.84	230.22	0.650 *	0.000	2.00	3.953	2.57	151.5	0.0	84.5
166.0		1.00	1.14	33.612	36.97	227.14	0.650 *	0.000	2.00	3.894	2.53	149.7	0.0	83.2
167.0	Appertunance(s)	1.00	1.14	33.670	37.03	225.60	0.650 *	0.000	1.00	1.925	1.25	74.1	0.0	41.1
168.0		1.00	1.14	33.727	37.10	224.04	0.650 *	0.000	1.00	1.910	1.24	73.7	0.0	40.8
170.0		1.00	1.15	33.842	37.22	220.93	0.650 *	0.000	2.00	3.775	2.45	146.2	0.0	80.6
172.0		1.00	1.15	33.955	37.35	217.80	0.650 *	0.000	2.00	3.716	2.42	144.4	0.0	79.4
174.0		1.00	1.15	34.067	37.47	214.66	0.650 *	0.000	2.00	3.657	2.38	142.5	0.0	78.1
175.0	Appertunance(s)	1.00	1.16	34.123	37.53	213.08	0.650 *	0.000	1.00	1.806	1.17	70.5	0.0	38.6
176.0		1.00	1.16	34.179	37.59	211.50	0.650 *	0.000	1.00	1.792	1.16	70.0	0.0	38.2
178.0		1.00	1.16	34.289	37.71	208.33	0.650 *	0.000	2.00	3.539	2.30	138.8	0.0	75.5
180.0		1.00	1.16	34.399	37.83	205.14	0.650 *	0.000	2.00	3.479	2.26	136.9	0.0	74.3
182.0		1.00	1.17	34.508	37.95	201.94	0.650 *	0.000	2.00	3.420	2.22	135.0	0.0	73.0
183.0	Appertunance(s)	1.00	1.17	34.562	38.01	200.33	0.650 *	0.000	1.00	1.688	1.10	66.7	0.0	36.0
							Totals:		183.00			26,545.9	0.0	33,434.5

* = Cf Adjusted By Linear Load Ra Effect

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



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

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

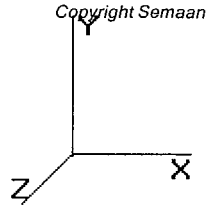
Wind Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	E911 Thales tve 8100	2	23.856	26.242	0.80	0.80	1.60	0.000	0.000	67.18	0.00	0.00	12.60
126.0	RFS FD9R6004/1C-3L	6	31.066	34.173	0.54	0.80	1.19	0.000	0.000	65.06	0.00	0.00	16.74
126.0	Platform with Handra	1	31.066	34.173	1.00	1.00	27.20	0.000	0.000	1,487.18	0.00	0.00	1,800.00
126.0	Decibel DB846H80E-	2	31.066	34.173	0.73	0.80	8.55	0.000	0.000	467.30	0.00	0.00	28.80
126.0	Decibel	4	31.066	34.173	0.74	0.80	20.70	0.000	0.000	1,131.59	0.00	0.00	75.60
126.0	Rymsa MG D3-800	3	31.066	34.173	0.65	0.80	6.71	0.000	0.000	366.70	0.00	0.00	44.28
126.0	Powerwave P65-16-	1	31.066	34.173	0.60	0.80	5.09	0.000	0.000	278.35	0.00	0.00	39.60
126.0	Andrew LNX-6514DS-	2	31.066	34.173	0.66	0.80	10.93	0.000	0.000	597.55	0.00	0.00	59.58
139.0	T-Arms	3	31.950	35.145	0.56	0.75	11.81	0.000	0.000	664.24	0.00	0.00	675.00
139.0	DA58-32	1	31.950	35.145	1.00	1.00	11.37	0.000	0.000	639.35	0.00	0.00	90.00
139.0	Terrawave RMFLT-2-	1	31.950	35.145	0.80	0.80	0.10	0.000	0.000	5.40	0.00	0.00	2.61
139.0	Proxim 5054-R-LR	1	31.950	35.145	0.80	0.80	1.24	0.000	0.000	69.46	0.00	0.00	25.79
139.0	Motorola PTP 54600 O	1	31.950	35.145	0.80	0.80	1.63	0.000	0.000	91.77	0.00	0.00	10.89
139.0	MA-WC50-5X	2	31.950	35.145	0.68	0.80	0.87	0.000	0.000	48.94	0.00	0.00	19.80
145.0	Flush Mounts	1	32.338	35.572	1.00	1.00	3.50	0.000	0.000	199.20	0.00	0.00	180.00
145.0	RFS APX16DWV-	3	32.338	35.572	0.50	0.80	10.74	0.000	0.000	611.46	0.00	0.00	110.70
145.0	Andrew	3	32.338	35.572	0.40	0.80	0.91	0.000	0.000	51.91	0.00	0.00	29.70
145.0	Andrew	3	32.338	35.572	0.40	0.80	0.56	0.000	0.000	32.10	0.00	0.00	29.70
167.0	Kathrein 800 10764	1	33.670	37.037	0.80	0.80	5.06	0.000	0.000	300.09	0.00	0.00	36.72
167.0	Raycap DC6-48-60-18-	1	33.670	37.037	0.80	0.80	1.18	0.000	0.000	69.69	0.00	0.00	28.62
167.0	Ericsson RRUS 11	6	33.670	37.037	0.57	0.80	10.19	0.000	0.000	603.84	0.00	0.00	270.00
167.0	KMW AM-X-CD-14-65-	2	33.670	37.037	0.61	0.80	6.69	0.000	0.000	396.32	0.00	0.00	65.52
167.0	Platform with Handra	1	33.670	37.037	1.00	1.00	27.20	0.000	0.000	1,611.84	0.00	0.00	1,800.00
167.0	Powerwave LGP21401	6	33.670	37.037	0.40	0.80	3.10	0.000	0.000	183.47	0.00	0.00	76.14
167.0	Allgon 7770.00	6	33.670	37.037	0.62	0.80	22.01	0.000	0.000	1,304.57	0.00	0.00	189.00
167.0	LGP Allgon LGP21903	6	33.670	37.037	0.40	0.80	0.65	0.000	0.000	38.40	0.00	0.00	29.70
175.0	RFS APXV18-206517S-	3	34.123	37.535	0.60	0.80	9.29	0.000	0.000	557.80	0.00	0.00	71.28
183.0	GPS	1	34.669	38.136	1.00	1.00	1.00	0.000	2.000	61.02	0.00	122.04	9.00
183.0	48" x 8" Panel	1	34.669	38.136	0.62	0.80	4.07	0.000	2.000	248.63	0.00	497.26	27.00
183.0	DB844G65VTZASX	3	34.669	38.136	0.67	0.80	11.87	0.000	2.000	724.54	0.00	1,449.07	43.20
183.0	Platform with Handra	1	34.562	38.018	1.00	1.00	27.20	0.000	0.000	1,654.53	0.00	0.00	1,800.00
183.0	Andrew DB844H90E-	6	34.669	38.136	0.73	0.80	16.29	0.000	2.000	994.14	0.00	1,988.28	75.60
183.0	DragonWave Horizon C	2	34.669	38.136	0.80	0.80	0.69	0.000	2.000	41.98	0.00	83.96	19.08
183.0	Argus LLPX310R	3	34.669	38.136	0.60	0.80	8.69	0.000	2.000	530.49	0.00	1,060.97	77.22
183.0	NextNet BTS-2500	3	34.669	38.136	0.40	0.80	2.54	0.000	2.000	155.23	0.00	310.46	94.50
183.0	DragonWave A-ANT-	2	34.669	38.136	1.00	1.00	9.38	0.000	2.000	572.34	0.00	1,144.69	48.78
										16,923.65			8,012.75

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



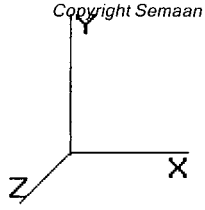
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

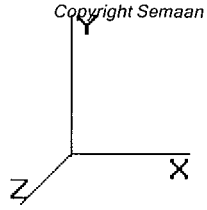
Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.142	1.127	0.00	0.00
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.142	1.127	0.00	0.00
2.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	20.599	0.142	1.127	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.143	1.130	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.143	1.130	0.00	0.00
4.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	20.599	0.143	1.130	0.00	0.00
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.189	1.266	0.00	0.27
6.00	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	20.599	0.189	1.266	0.00	6.57
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.189	1.266	0.00	0.24
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	20.599	0.189	1.266	0.00	4.43
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.189	1.266	0.00	0.00
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	20.599	0.189	1.266	0.00	0.00
6.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	20.599	0.189	1.266	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	20.599	0.189	1.266	0.00	4.43
8.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.234	0.000	0.00	0.54
8.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.234	0.000	17.26	13.14
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.234	0.000	0.00	0.49
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.234	0.000	13.78	8.85
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.234	0.000	18.13	0.00
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.234	0.000	18.13	0.00
8.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.234	0.000	14.50	0.00
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.234	0.000	0.00	8.85
10.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.236	0.000	0.00	0.54
10.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.236	0.000	17.26	13.14
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.236	0.000	0.00	0.49
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.236	0.000	13.78	8.85
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.236	0.000	18.13	0.00
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.236	0.000	18.13	0.00
10.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.236	0.000	14.50	0.00
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.236	0.000	0.00	8.85
12.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.238	0.000	0.00	0.54
12.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.238	0.000	17.26	13.14
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.238	0.000	0.00	0.49
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.238	0.000	13.78	8.85
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.238	0.000	18.13	0.00
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.238	0.000	18.13	0.00
12.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.238	0.000	14.50	0.00
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.238	0.000	0.00	8.85
14.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.240	0.000	0.00	0.54
14.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.240	0.000	17.26	13.14
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.240	0.000	0.00	0.49
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.240	0.000	13.78	8.85
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.240	0.000	18.13	0.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.240	0.000	18.13	0.00
14.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.240	0.000	14.50	0.00
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.240	0.000	0.00	8.85
16.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.242	0.000	0.00	0.54
16.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.242	0.000	17.26	13.14
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.242	0.000	0.00	0.49
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.242	0.000	13.78	8.85
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.242	0.000	18.13	0.00



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

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

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.242	0.000	18.13	0.00
16.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.242	0.000	14.50	0.00
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.242	0.000	0.00	8.85
18.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.243	0.000	0.00	0.54
18.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.243	0.000	17.26	13.14
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.243	0.000	0.00	0.49
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.243	0.000	13.78	8.85
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.243	0.000	18.13	0.00
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.243	0.000	18.13	0.00
18.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.243	0.000	14.50	0.00
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.243	0.000	0.00	8.85
20.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.245	0.000	0.00	0.54
20.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.245	0.000	17.26	13.14
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.245	0.000	0.00	0.49
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.245	0.000	13.78	8.85
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.245	0.000	18.13	0.00
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.245	0.000	18.13	0.00
20.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.245	0.000	14.50	0.00
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.245	0.000	0.00	8.85
22.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.247	0.000	0.00	0.54
22.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.247	0.000	17.26	13.14
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.247	0.000	0.00	0.49
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.247	0.000	13.78	8.85
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.247	0.000	18.13	0.00
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.247	0.000	18.13	0.00
22.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.247	0.000	14.50	0.00
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.247	0.000	0.00	8.85
24.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.249	0.000	0.00	0.54
24.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.249	0.000	17.26	13.14
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.249	0.000	0.00	0.49
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.249	0.000	13.78	8.85
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.249	0.000	18.13	0.00
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.249	0.000	18.13	0.00
24.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.249	0.000	14.50	0.00
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.249	0.000	0.00	8.85
26.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.251	0.000	0.00	0.54
26.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.251	0.000	17.26	13.14
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.251	0.000	0.00	0.49
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.251	0.000	13.78	8.85
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.251	0.000	18.13	0.00
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.251	0.000	18.13	0.00
26.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.251	0.000	14.50	0.00
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.251	0.000	0.00	8.85
28.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.253	0.000	0.00	0.54
28.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	20.599	0.253	0.000	17.26	13.14
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.253	0.000	0.00	0.49
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	20.599	0.253	0.000	13.78	8.85
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.253	0.000	18.13	0.00
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	20.599	0.253	0.000	18.13	0.00
28.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	20.599	0.253	0.000	14.50	0.00
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	20.599	0.253	0.000	0.00	8.85
28.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.254	0.000	0.00	0.14
28.50	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	20.599	0.254	0.000	4.31	3.29
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.254	0.000	0.00	0.12
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	20.599	0.254	0.000	3.44	2.21
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.254	0.000	4.53	0.00
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	20.599	0.254	0.000	4.53	0.00

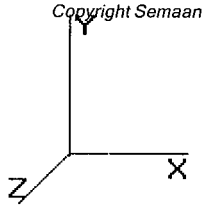


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

28.50	(1) Brackets	Yes	0.50	1.200	2.00	0.08	0.10	20.599	0.254	0.000	3.63	0.00
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	20.599	0.254	0.000	0.00	2.21
30.00	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.255	0.000	0.00	0.41
30.00	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	20.616	0.255	0.000	12.95	9.85
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.255	0.000	0.00	0.36
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	20.616	0.255	0.000	10.34	6.64
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.255	0.000	13.61	0.00
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	20.616	0.255	0.000	13.61	0.00
30.00	(1) Brackets	Yes	1.50	1.200	2.00	0.25	0.30	20.616	0.255	0.000	10.89	0.00
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	20.616	0.255	0.000	0.00	6.64
32.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.257	0.000	0.00	0.54
32.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.000	0.257	0.000	17.59	13.14
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.257	0.000	0.00	0.49
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.000	0.257	0.000	14.04	8.85
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.257	0.000	18.48	0.00
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.000	0.257	0.000	18.48	0.00
32.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	21.000	0.257	0.000	14.78	0.00
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.000	0.257	0.000	0.00	8.85
34.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.259	0.000	0.00	0.54
34.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	21.367	0.259	0.000	17.90	13.14
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.259	0.000	0.00	0.49
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	21.367	0.259	0.000	14.29	8.85
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.259	0.000	18.80	0.00
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	21.367	0.259	0.000	18.80	0.00
34.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	21.367	0.259	0.000	15.04	0.00
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	21.367	0.259	0.000	0.00	8.85
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.261	0.000	0.00	0.27
35.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.545	0.261	0.000	9.02	6.57
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.261	0.000	0.00	0.24
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.545	0.261	0.000	7.20	4.43
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.261	0.000	9.48	0.00
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.545	0.261	0.000	9.48	0.00
35.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	21.545	0.261	0.000	7.58	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.545	0.261	0.000	0.00	4.43
36.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.256	0.000	0.00	0.27
36.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	21.719	0.256	0.000	9.10	6.57
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.256	0.000	0.00	0.24
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	21.719	0.256	0.000	7.26	4.43
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.256	0.000	9.56	0.00
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	21.719	0.256	0.000	9.56	0.00
36.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	21.719	0.256	0.000	7.65	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	21.719	0.256	0.000	0.00	4.43
38.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.257	0.000	0.00	0.54
38.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.057	0.257	0.000	18.48	13.14
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.257	0.000	0.00	0.49
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.057	0.257	0.000	14.75	8.85
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.257	0.000	19.41	0.00
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.057	0.257	0.000	19.41	0.00
38.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	22.057	0.257	0.000	15.53	0.00
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.057	0.257	0.000	0.00	8.85
40.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.260	0.000	0.00	0.54
40.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.383	0.260	0.000	18.75	13.14
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.260	0.000	0.00	0.49
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.383	0.260	0.000	14.97	8.85
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.260	0.000	19.70	0.00
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.383	0.260	0.000	19.70	0.00
40.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	22.383	0.260	0.000	15.76	0.00

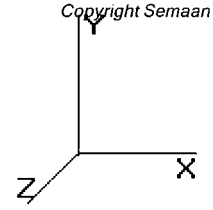


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.383	0.260	0.000	0.00	8.85
42.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.262	0.000	0.00	0.54
42.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	22.697	0.262	0.000	19.01	13.14
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.262	0.000	0.00	0.49
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	22.697	0.262	0.000	15.18	8.85
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.262	0.000	19.97	0.00
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	22.697	0.262	0.000	19.97	0.00
42.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	22.697	0.262	0.000	15.98	0.00
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	22.697	0.262	0.000	0.00	8.85
44.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.264	0.000	0.00	0.54
44.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.000	0.264	0.000	19.27	13.14
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.264	0.000	0.00	0.49
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.000	0.264	0.000	15.38	8.85
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.264	0.000	20.24	0.00
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.000	0.264	0.000	20.24	0.00
44.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.000	0.264	0.000	16.19	0.00
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.000	0.264	0.000	0.00	8.85
46.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.266	0.000	0.00	0.54
46.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.294	0.266	0.000	19.52	13.14
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.266	0.000	0.00	0.49
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.294	0.266	0.000	15.58	8.85
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.266	0.000	20.50	0.00
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.294	0.266	0.000	20.50	0.00
46.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.294	0.266	0.000	16.40	0.00
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.294	0.266	0.000	0.00	8.85
48.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.268	0.000	0.00	0.54
48.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.579	0.268	0.000	19.75	13.14
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.268	0.000	0.00	0.49
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.579	0.268	0.000	15.77	8.85
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.268	0.000	20.75	0.00
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.579	0.268	0.000	20.75	0.00
48.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.579	0.268	0.000	16.60	0.00
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.579	0.268	0.000	0.00	8.85
50.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.271	0.000	0.00	0.54
50.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	23.856	0.271	0.000	19.99	13.14
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.271	0.000	0.00	0.49
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	23.856	0.271	0.000	15.95	8.85
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.271	0.000	20.99	0.00
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	23.856	0.271	0.000	20.99	0.00
50.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	23.856	0.271	0.000	16.79	0.00
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	23.856	0.271	0.000	0.00	8.85
52.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.273	0.000	0.00	0.54
52.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.125	0.273	0.000	20.21	13.14
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.273	0.000	0.00	0.49
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.125	0.273	0.000	16.13	8.85
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.273	0.000	21.23	0.00
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.125	0.273	0.000	21.23	0.00
52.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.125	0.273	0.000	16.98	0.00
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.125	0.273	0.000	0.00	8.85
54.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.275	0.000	0.00	0.54
54.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.386	0.275	0.000	20.43	13.14
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.275	0.000	0.00	0.49
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.386	0.275	0.000	16.31	8.85
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.275	0.000	21.46	0.00
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.386	0.275	0.000	21.46	0.00
54.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.386	0.275	0.000	17.17	0.00
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.386	0.275	0.000	0.00	8.85

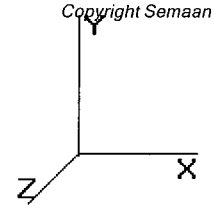


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

56.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.278	0.000	0.00	0.54
56.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.641	0.278	0.000	20.64	13.14
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.278	0.000	0.00	0.49
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.641	0.278	0.000	16.48	8.85
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.641	0.278	0.000	21.68	0.00
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.641	0.278	0.000	21.68	0.00
56.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.641	0.278	0.000	17.35	0.00
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.641	0.278	0.000	0.00	8.85
58.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.280	0.000	0.00	0.54
58.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	24.889	0.280	0.000	20.85	13.14
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.280	0.000	0.00	0.49
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	24.889	0.280	0.000	16.65	8.85
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.889	0.280	0.000	21.90	0.00
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	24.889	0.280	0.000	21.90	0.00
58.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	24.889	0.280	0.000	17.52	0.00
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	24.889	0.280	0.000	0.00	8.85
60.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.283	0.000	0.00	0.54
60.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.132	0.283	0.000	21.05	13.14
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.283	0.000	0.00	0.49
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.132	0.283	0.000	16.81	8.85
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.132	0.283	0.000	22.12	0.00
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.132	0.283	0.000	22.12	0.00
60.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	25.132	0.283	0.000	17.69	0.00
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.132	0.283	0.000	0.00	8.85
62.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.285	0.000	0.00	0.54
62.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.368	0.285	0.000	21.25	13.14
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.285	0.000	0.00	0.49
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.368	0.285	0.000	16.97	8.85
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.368	0.285	0.000	22.32	0.00
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.368	0.285	0.000	22.32	0.00
62.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	25.368	0.285	0.000	17.86	0.00
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.368	0.285	0.000	0.00	8.85
63.50	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.287	0.000	0.00	0.41
63.50	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	25.542	0.287	0.000	16.05	9.85
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.287	0.000	0.00	0.36
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	25.542	0.287	0.000	12.81	6.64
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	25.542	0.287	0.000	16.86	0.00
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	25.542	0.287	0.000	16.86	0.00
63.50	(1) Brackets	Yes	1.50	1.200	2.00	0.25	0.30	25.542	0.287	0.000	13.49	0.00
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	25.542	0.287	0.000	0.00	6.64
64.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.283	0.000	0.00	0.14
64.00	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	25.599	0.283	0.000	5.36	3.29
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.283	0.000	0.00	0.12
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	25.599	0.283	0.000	4.28	2.21
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	25.599	0.283	0.000	5.63	0.00
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	25.599	0.283	0.000	5.63	0.00
64.00	(1) Brackets	Yes	0.50	1.200	2.00	0.08	0.10	25.599	0.283	0.000	4.51	0.00
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	25.599	0.283	0.000	0.00	2.21
66.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.285	0.000	0.00	0.54
66.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	25.825	0.285	0.000	21.64	13.14
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.285	0.000	0.00	0.49
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	25.825	0.285	0.000	17.27	8.85
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.825	0.285	0.000	22.73	0.00
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	25.825	0.285	0.000	22.73	0.00
66.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	25.825	0.285	0.000	18.18	0.00
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	25.825	0.285	0.000	0.00	8.85
68.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.287	0.000	0.00	0.54

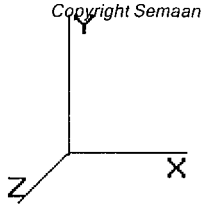


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

68.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.047	0.287	0.000	21.82	13.14
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.287	0.000	0.00	0.49
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.047	0.287	0.000	17.42	8.85
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.287	0.000	22.92	0.00
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.047	0.287	0.000	22.92	0.00
68.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.047	0.287	0.000	18.34	0.00
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.047	0.287	0.000	0.00	8.85
70.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.290	0.000	0.00	0.54
70.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.263	0.290	0.000	22.00	13.14
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.290	0.000	0.00	0.49
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.263	0.290	0.000	17.56	8.85
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.290	0.000	23.11	0.00
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.263	0.290	0.000	23.11	0.00
70.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.263	0.290	0.000	18.49	0.00
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.263	0.290	0.000	0.00	8.85
72.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.293	0.000	0.00	0.54
72.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.476	0.293	0.000	22.18	13.14
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.293	0.000	0.00	0.49
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.476	0.293	0.000	17.71	8.85
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.293	0.000	23.30	0.00
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.476	0.293	0.000	23.30	0.00
72.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.476	0.293	0.000	18.64	0.00
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.476	0.293	0.000	0.00	8.85
74.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.295	0.000	0.00	0.54
74.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.684	0.295	0.000	22.35	13.14
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.295	0.000	0.00	0.49
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.684	0.295	0.000	17.85	8.85
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.295	0.000	23.48	0.00
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.684	0.295	0.000	23.48	0.00
74.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.684	0.295	0.000	18.79	0.00
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.684	0.295	0.000	0.00	8.85
76.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.298	0.000	0.00	0.54
76.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	26.888	0.298	0.000	22.53	13.14
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.298	0.000	0.00	0.49
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	26.888	0.298	0.000	17.98	8.85
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.298	0.000	23.66	0.00
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	26.888	0.298	0.000	23.66	0.00
76.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	26.888	0.298	0.000	18.93	0.00
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	26.888	0.298	0.000	0.00	8.85
78.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.301	0.000	0.00	0.54
78.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.088	0.301	0.000	22.69	13.14
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.301	0.000	0.00	0.49
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.088	0.301	0.000	18.12	8.85
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.301	0.000	23.84	0.00
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.088	0.301	0.000	23.84	0.00
78.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.088	0.301	0.000	19.07	0.00
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.088	0.301	0.000	0.00	8.85
80.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.304	0.000	0.00	0.54
80.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.285	0.304	0.000	22.86	13.14
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.304	0.000	0.00	0.49
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.285	0.304	0.000	18.25	8.85
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.304	0.000	24.01	0.00
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.285	0.304	0.000	24.01	0.00
80.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.285	0.304	0.000	19.21	0.00
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.285	0.304	0.000	0.00	8.85
82.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.307	0.000	0.00	0.54
82.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.478	0.307	0.000	23.02	13.14



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

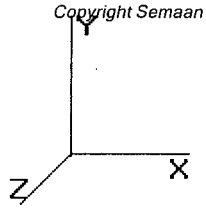
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.307	0.000	0.00	0.49
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.478	0.307	0.000	18.38	8.85
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.307	0.000	24.18	0.00
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.478	0.307	0.000	24.18	0.00
82.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.478	0.307	0.000	19.34	0.00
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.478	0.307	0.000	0.00	8.85
84.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.310	0.000	0.00	0.54
84.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.668	0.310	0.000	23.18	13.14
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.310	0.000	0.00	0.49
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.668	0.310	0.000	18.50	8.85
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.310	0.000	24.35	0.00
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.668	0.310	0.000	24.35	0.00
84.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.668	0.310	0.000	19.48	0.00
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.668	0.310	0.000	0.00	8.85
86.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.313	0.000	0.00	0.54
86.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	27.854	0.313	0.000	23.34	13.14
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.313	0.000	0.00	0.49
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	27.854	0.313	0.000	18.63	8.85
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.313	0.000	24.51	0.00
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	27.854	0.313	0.000	24.51	0.00
86.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	27.854	0.313	0.000	19.61	0.00
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	27.854	0.313	0.000	0.00	8.85
88.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.316	0.000	0.00	0.54
88.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.038	0.316	0.000	23.49	13.14
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.316	0.000	0.00	0.49
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.038	0.316	0.000	18.75	8.85
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.316	0.000	24.67	0.00
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.038	0.316	0.000	24.67	0.00
88.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.038	0.316	0.000	19.74	0.00
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.038	0.316	0.000	0.00	8.85
90.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.319	0.000	0.00	0.54
90.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.219	0.319	0.000	23.64	13.14
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.319	0.000	0.00	0.49
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.219	0.319	0.000	18.87	8.85
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.319	0.000	24.83	0.00
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.219	0.319	0.000	24.83	0.00
90.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.219	0.319	0.000	19.87	0.00
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.219	0.319	0.000	0.00	8.85
92.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.322	0.000	0.00	0.54
92.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.396	0.322	0.000	23.79	13.14
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.322	0.000	0.00	0.49
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.396	0.322	0.000	18.99	8.85
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.322	0.000	24.99	0.00
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.396	0.322	0.000	24.99	0.00
92.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.396	0.322	0.000	19.99	0.00
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.396	0.322	0.000	0.00	8.85
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.325	0.000	0.00	0.27
93.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.484	0.325	0.000	11.93	6.57
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.325	0.000	0.00	0.24
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.484	0.325	0.000	9.53	4.43
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.325	0.000	12.53	0.00
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.484	0.325	0.000	12.53	0.00
93.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	28.484	0.325	0.000	10.03	0.00
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.484	0.325	0.000	0.00	4.43
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.321	0.000	0.00	0.27
94.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	28.571	0.321	0.000	11.97	6.57
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.321	0.000	0.00	0.24

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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

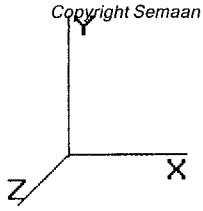


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	28.571	0.321	0.000	9.55	4.43
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.321	0.000	12.57	0.00
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	28.571	0.321	0.000	12.57	0.00
94.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	28.571	0.321	0.000	10.06	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	28.571	0.321	0.000	0.00	4.43
96.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.323	0.000	0.00	0.54
96.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.744	0.323	0.000	24.08	13.14
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.323	0.000	0.00	0.49
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.744	0.323	0.000	19.22	8.85
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.323	0.000	25.29	0.00
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.744	0.323	0.000	25.29	0.00
96.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.744	0.323	0.000	20.24	0.00
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.744	0.323	0.000	0.00	8.85
98.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.326	0.000	0.00	0.54
98.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	28.913	0.326	0.000	24.22	13.14
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.326	0.000	0.00	0.49
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	28.913	0.326	0.000	19.34	8.85
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.326	0.000	25.44	0.00
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	28.913	0.326	0.000	25.44	0.00
98.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	28.913	0.326	0.000	20.36	0.00
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	28.913	0.326	0.000	0.00	8.85
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.330	0.000	0.00	0.54
100.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.081	0.330	0.000	24.36	13.14
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.330	0.000	0.00	0.49
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.081	0.330	0.000	19.45	8.85
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.330	0.000	25.59	0.00
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.081	0.330	0.000	25.59	0.00
100.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.081	0.330	0.000	20.47	0.00
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.081	0.330	0.000	0.00	8.85
102.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.333	0.000	0.00	0.54
102.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.246	0.333	0.000	24.50	13.14
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.333	0.000	0.00	0.49
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.246	0.333	0.000	19.56	8.85
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.333	0.000	25.74	0.00
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.246	0.333	0.000	25.74	0.00
102.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.246	0.333	0.000	20.59	0.00
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.246	0.333	0.000	0.00	8.85
104.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.337	0.000	0.00	0.54
104.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.409	0.337	0.000	24.64	13.14
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.337	0.000	0.00	0.49
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.409	0.337	0.000	19.67	8.85
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.337	0.000	25.88	0.00
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.409	0.337	0.000	25.88	0.00
104.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.409	0.337	0.000	20.70	0.00
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.409	0.337	0.000	0.00	8.85
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.340	0.000	0.00	0.27
105.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.489	0.340	0.000	12.35	6.57
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.340	0.000	0.00	0.24
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.489	0.340	0.000	9.86	4.43
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.340	0.000	12.98	0.00
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.489	0.340	0.000	12.98	0.00
105.0	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	29.489	0.340	0.000	10.38	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.489	0.340	0.000	0.00	4.43
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.341	0.000	0.00	0.27
106.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	29.569	0.341	0.000	12.39	6.57
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.341	0.000	0.00	0.24
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	29.569	0.341	0.000	9.89	4.43

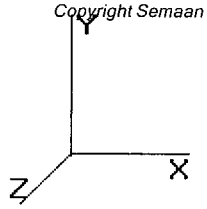


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.341	0.000	13.01	0.00
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	29.569	0.341	0.000	13.01	0.00
106.0	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	29.569	0.341	0.000	10.41	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	29.569	0.341	0.000	0.00	4.43
108.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.344	0.000	0.00	0.54
108.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.727	0.344	0.000	24.90	13.14
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.344	0.000	0.00	0.49
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.727	0.344	0.000	19.88	8.85
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.344	0.000	26.16	0.00
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.727	0.344	0.000	26.16	0.00
108.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.727	0.344	0.000	20.93	0.00
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.727	0.344	0.000	0.00	8.85
110.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.348	0.000	0.00	0.54
110.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	29.884	0.348	0.000	25.04	13.14
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.348	0.000	0.00	0.49
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	29.884	0.348	0.000	19.99	8.85
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.348	0.000	26.30	0.00
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	29.884	0.348	0.000	26.30	0.00
110.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	29.884	0.348	0.000	21.04	0.00
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	29.884	0.348	0.000	0.00	8.85
112.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.54
112.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.038	0.193	1.278	0.00	13.14
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.038	0.193	1.278	0.00	0.49
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	8.85
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.038	0.193	1.278	0.00	8.85
114.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.54
114.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.190	0.195	1.285	0.00	13.14
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.190	0.195	1.285	0.00	0.49
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	8.85
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.190	0.195	1.285	0.00	8.85
116.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.54
116.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	30.341	0.197	1.291	0.00	13.14
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.341	0.197	1.291	0.00	0.49
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	8.85
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	30.341	0.197	1.291	0.00	8.85
116.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.14
116.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	30.378	0.198	1.295	0.00	3.29
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	30.378	0.198	1.295	0.00	0.12
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.21
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	30.378	0.198	1.295	0.00	2.21
118.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.41
118.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	30.489	0.200	1.299	0.00	9.85
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	30.489	0.200	1.299	0.00	0.36
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	6.64
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	30.489	0.200	1.299	0.00	6.64
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.54
120.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.636	0.202	0.000	25.67	13.14
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.636	0.202	0.000	0.00	0.49
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	8.85
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.636	0.202	0.000	20.49	8.85
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.27
121.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.709	0.203	0.000	12.86	6.57
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.709	0.203	0.000	0.00	0.24
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	4.43
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.709	0.203	0.000	10.27	4.43
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.27
122.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	30.781	0.201	0.000	12.89	6.57

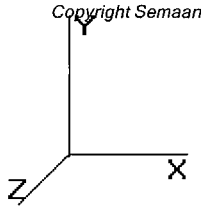


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	30.781	0.201	0.000	0.00	0.24
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	4.43
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	30.781	0.201	0.000	10.29	4.43
124.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.54
124.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	30.924	0.203	0.000	25.91	13.14
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	30.924	0.203	0.000	0.00	0.49
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	8.85
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	30.924	0.203	0.000	20.68	8.85
126.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.54
126.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.066	0.205	0.000	26.03	13.14
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.066	0.205	0.000	0.00	0.49
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	8.85
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.066	0.205	0.000	20.78	8.85
128.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.54
128.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.206	0.208	0.000	26.14	13.14
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.206	0.208	0.000	0.00	0.49
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	8.85
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.206	0.208	0.000	20.87	8.85
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.54
130.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.345	0.210	0.000	26.26	13.14
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.345	0.210	0.000	0.00	0.49
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	8.85
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.345	0.210	0.000	20.96	8.85
132.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.54
132.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.482	0.213	0.000	26.37	13.14
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.482	0.213	0.000	0.00	0.49
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	8.85
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.482	0.213	0.000	21.05	8.85
134.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.54
134.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.617	0.216	0.000	26.49	13.14
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.617	0.216	0.000	0.00	0.49
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	8.85
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.617	0.216	0.000	21.15	8.85
136.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.54
136.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.751	0.218	0.000	26.60	13.14
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.751	0.218	0.000	0.00	0.49
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	8.85
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.751	0.218	0.000	21.24	8.85
138.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.54
138.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	31.884	0.221	0.000	26.71	13.14
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	31.884	0.221	0.000	0.00	0.49
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	8.85
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	31.884	0.221	0.000	21.32	8.85
139.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.950	0.223	0.000	0.00	0.27
139.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	31.950	0.223	0.000	13.38	6.57
139.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	31.950	0.223	0.000	0.00	0.24
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	31.950	0.223	0.000	10.68	4.43
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	31.950	0.223	0.000	10.68	4.43
140.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.015	0.225	0.000	0.00	0.27
140.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	32.015	0.225	0.000	13.41	6.57
140.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.015	0.225	0.000	0.00	0.24
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.015	0.225	0.000	10.71	4.43
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.015	0.225	0.000	10.71	4.43
142.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.54
142.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.145	0.227	0.000	26.93	13.14
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.145	0.227	0.000	0.00	0.49
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	8.85

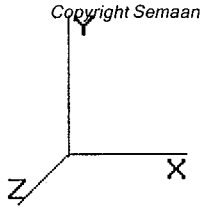


Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.145	0.227	0.000	21.50	8.85
144.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.54
144.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	32.274	0.230	0.000	27.04	13.14
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.274	0.230	0.000	0.00	0.49
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	8.85
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	32.274	0.230	0.000	21.58	8.85
145.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.27
145.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	32.338	0.232	0.000	13.55	6.57
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.338	0.232	0.000	0.00	0.24
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	4.43
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	32.338	0.232	0.000	10.81	4.43
146.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.27
146.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.402	0.162	1.186	0.00	6.57
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.402	0.162	1.186	0.00	0.24
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.402	0.162	1.186	0.00	4.43
148.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.54
148.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.528	0.163	1.190	0.00	13.14
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.528	0.163	1.190	0.00	0.49
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.528	0.163	1.190	0.00	8.85
149.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.27
149.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.590	0.165	1.195	0.00	6.57
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.590	0.165	1.195	0.00	0.24
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.590	0.165	1.195	0.00	4.43
150.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.27
150.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	32.653	0.166	1.199	0.00	6.57
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	32.653	0.166	1.199	0.00	0.24
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	32.653	0.166	1.199	0.00	4.43
152.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.54
152.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	32.777	0.168	1.204	0.00	13.14
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	32.777	0.168	1.204	0.00	0.49
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	32.777	0.168	1.204	0.00	8.85
152.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.14
152.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	32.807	0.170	1.209	0.00	3.29
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	32.807	0.170	1.209	0.00	0.12
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	32.807	0.170	1.209	0.00	2.21
154.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.41
154.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	32.899	0.168	1.205	0.00	9.85
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	32.899	0.168	1.205	0.00	0.36
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	32.899	0.168	1.205	0.00	6.64
156.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.54
156.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.021	0.170	1.211	0.00	13.14
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.021	0.170	1.211	0.00	0.49
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.021	0.170	1.211	0.00	8.85
158.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.54
158.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.141	0.173	1.218	0.00	13.14
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.141	0.173	1.218	0.00	0.49
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.141	0.173	1.218	0.00	8.85
160.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.54
160.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.260	0.175	1.226	0.00	13.14
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.260	0.175	1.226	0.00	0.49
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.260	0.175	1.226	0.00	8.85
162.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.54
162.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.379	0.178	1.233	0.00	13.14
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.379	0.178	1.233	0.00	0.49
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.379	0.178	1.233	0.00	8.85
164.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.54
164.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.496	0.180	1.241	0.00	13.14



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

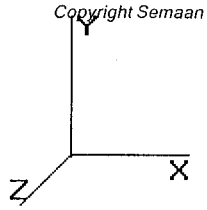
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.496	0.180	1.241	0.00	0.49
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.496	0.180	1.241	0.00	8.85
166.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.54
166.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.612	0.183	1.250	0.00	13.14
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.612	0.183	1.250	0.00	0.49
166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.612	0.183	1.250	0.00	8.85
167.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.27
167.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.670	0.185	1.256	0.00	6.57
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.670	0.185	1.256	0.00	0.24
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.670	0.185	1.256	0.00	4.43
168.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.27
168.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	33.727	0.187	1.260	0.00	6.57
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	33.727	0.187	1.260	0.00	0.24
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	33.727	0.187	1.260	0.00	4.43
170.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.54
170.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.842	0.189	1.267	0.00	13.14
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.842	0.189	1.267	0.00	0.49
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.842	0.189	1.267	0.00	8.85
172.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.54
172.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	33.955	0.192	1.276	0.00	13.14
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	33.955	0.192	1.276	0.00	0.49
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	33.955	0.192	1.276	0.00	8.85
174.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.54
174.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.067	0.195	1.285	0.00	13.14
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.067	0.195	1.285	0.00	0.49
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	34.067	0.195	1.285	0.00	8.85
175.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.27
175.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.123	0.197	1.292	0.00	6.57
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.123	0.197	1.292	0.00	0.24
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	34.123	0.197	1.292	0.00	4.43
176.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.27
176.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.179	0.111	1.032	0.00	6.57
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.179	0.111	1.032	0.00	0.24
178.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.54
178.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.289	0.112	1.036	0.00	13.14
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.289	0.112	1.036	0.00	0.49
180.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.54
180.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.399	0.114	1.042	0.00	13.14
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.399	0.114	1.042	0.00	0.49
182.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.54
182.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	34.508	0.116	1.048	0.00	13.14
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	34.508	0.116	1.048	0.00	0.49
183.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.27
183.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	34.562	0.118	1.053	0.00	6.57
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	34.562	0.118	1.053	0.00	0.24
										Totals:	6,044.80	2,633.29

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



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

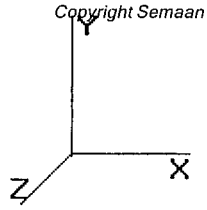
Gust Response Factor : 1.10
Dead Load Factor : 0.90
Wind Load Factor : 1.60

Wind Importance Factor : 1.00

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
2.00	193.20	599.62	0.00	0.00
4.00	191.81	596.22	0.00	0.00
6.00	190.41	638.20	0.00	0.00
8.00	430.75	680.19	0.00	0.00
10.00	428.17	676.79	0.00	0.00
12.00	425.60	673.38	0.00	0.00
14.00	423.02	669.98	0.00	0.00
16.00	420.45	666.58	0.00	0.00
18.00	417.87	663.18	0.00	0.00
20.00	415.29	659.78	0.00	0.00
22.00	412.72	656.38	0.00	0.00
24.00	410.14	652.98	0.00	0.00
26.00	407.57	649.58	0.00	0.00
28.00	404.99	646.18	0.00	0.00
28.50	100.85	161.01	0.00	0.00
30.00	307.35	802.55	0.00	0.00
32.00	415.13	1,064.12	0.00	0.00
34.00	419.71	1,057.32	0.00	0.00
35.00	210.59	526.11	0.00	0.00
36.00	211.61	320.72	0.00	0.00
38.00	427.75	638.90	0.00	0.00
40.00	431.26	635.50	0.00	0.00
42.00	434.48	632.10	0.00	0.00
44.00	437.42	628.70	0.00	0.00
46.00	440.10	625.30	0.00	0.00
48.00	442.53	621.90	0.00	0.00
50.00	511.92	631.10	0.00	0.00
52.00	446.74	615.10	0.00	0.00
54.00	448.53	611.70	0.00	0.00
56.00	450.13	608.30	0.00	0.00
58.00	451.56	604.90	0.00	0.00
60.00	459.55	890.72	0.00	0.00
62.00	460.70	884.77	0.00	0.00
63.50	345.80	659.67	0.00	0.00
64.00	115.12	126.88	0.00	0.00
66.00	462.54	505.94	0.00	0.00
68.00	463.25	503.39	0.00	0.00
70.00	463.82	500.84	0.00	0.00
72.00	464.26	498.29	0.00	0.00
74.00	464.57	495.74	0.00	0.00
76.00	464.76	493.19	0.00	0.00
78.00	464.83	490.64	0.00	0.00
80.00	464.80	488.09	0.00	0.00
82.00	464.65	485.54	0.00	0.00
84.00	464.40	482.99	0.00	0.00
86.00	464.05	480.44	0.00	0.00
88.00	463.60	477.89	0.00	0.00
90.00	469.37	688.66	0.00	0.00
92.00	468.77	683.98	0.00	0.00

Pole :	302535	Code: ANSI/TIA-222 Rev G	
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	



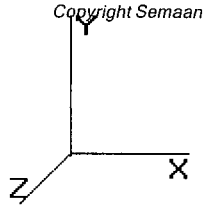
Load Case: 0.9D + 1.6W — 110.00 mph with No Ice (Reduced DL) — 32 Iterations

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

Wind Importance Factor : 1.00

93.00	233.78	340.24	0.00	0.00
94.00	233.60	216.45	0.00	0.00
96.00	467.32	431.31	0.00	0.00
98.00	466.47	429.18	0.00	0.00
100.0	465.53	427.06	0.00	0.00
102.0	464.51	424.93	0.00	0.00
104.0	463.42	422.81	0.00	0.00
105.0	230.96	210.61	0.00	0.00
106.0	230.66	143.28	0.00	0.00
108.0	461.01	284.96	0.00	0.00
110.0	459.70	282.83	0.00	0.00
112.0	183.65	280.71	0.00	0.00
114.0	182.54	278.58	0.00	0.00
116.0	181.39	276.46	0.00	0.00
116.5	45.08	68.78	0.00	0.00
118.0	137.18	317.58	0.00	0.00
120.0	402.59	420.09	0.00	0.00
121.0	200.33	208.61	0.00	0.00
122.0	199.84	118.26	0.00	0.00
124.0	398.65	235.25	0.00	0.00
126.0	4,790.34	2,298.15	0.00	0.00
128.0	394.48	213.06	0.00	0.00
130.0	392.31	211.36	0.00	0.00
132.0	390.09	209.66	0.00	0.00
134.0	387.81	207.96	0.00	0.00
136.0	385.49	206.26	0.00	0.00
138.0	383.11	204.56	0.00	0.00
139.0	1,709.61	925.74	0.00	0.00
140.0	189.84	101.11	0.00	0.00
142.0	378.21	200.94	0.00	0.00
144.0	375.69	199.24	0.00	0.00
145.0	1,081.37	449.08	0.00	0.00
146.0	81.69	89.70	0.00	0.00
148.0	162.37	178.13	0.00	0.00
149.0	80.51	88.43	0.00	0.00
150.0	81.30	134.54	0.00	0.00
152.0	161.55	266.84	0.00	0.00
152.5	40.08	66.25	0.00	0.00
154.0	119.73	108.54	0.00	0.00
156.0	158.28	143.60	0.00	0.00
158.0	156.61	142.33	0.00	0.00
160.0	154.92	141.05	0.00	0.00
162.0	153.21	139.78	0.00	0.00
164.0	151.48	138.50	0.00	0.00
166.0	149.73	137.23	0.00	0.00
167.0	4,582.35	2,563.84	0.00	0.00
168.0	73.69	60.72	0.00	0.00
170.0	146.17	120.48	0.00	0.00
172.0	144.36	119.21	0.00	0.00
174.0	142.53	117.93	0.00	0.00
175.0	628.32	129.77	0.00	0.00
176.0	70.05	53.74	0.00	0.00
178.0	138.81	106.53	0.00	0.00
180.0	136.92	105.25	0.00	0.00
182.0	135.02	103.98	0.00	0.00
183.0	5,049.63	2,245.89	0.00	6,656.73

Pole :	302535	Code:	ANSI/TIA-222 Rev G
Location :	Milford CT 2, CT	Struct Class :	II
Height :	183.0 (ft)	Exposure Category :	B
Shape :	18 Sides	Topographic Category :	1
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev :	0.000 (ft)



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

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

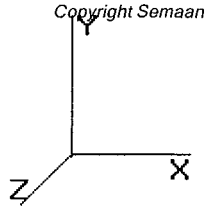
Wind Importance Factor : 1.00

Totals:	49,514.35	48,499.37	0.00	6,656.73

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

Wind Importance Factor : 1.00

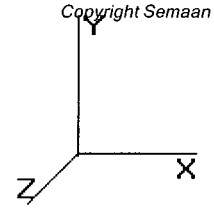
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-48.45	-49.56	0.00	-5,506.29	0.00	5,506.29	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.963
2.00	-47.76	-49.45	0.00	-5,407.18	0.00	5,407.18	4,332.44	2,166.22	8,482.10	4,247.36	0.02	-0.10	0.957
4.00	-47.08	-49.34	0.00	-5,308.28	0.00	5,308.28	4,300.71	2,150.36	8,357.68	4,185.05	0.09	-0.21	0.951
6.00	-46.35	-49.23	0.00	-5,209.59	0.00	5,209.59	4,268.98	2,134.49	8,234.19	4,123.21	0.20	-0.31	0.945
8.00	-45.59	-48.88	0.00	-5,111.12	0.00	5,111.12	4,237.26	2,118.63	8,111.60	4,061.83	0.35	-0.42	0.939
10.00	-44.82	-48.53	0.00	-5,013.36	0.00	5,013.36	4,205.53	2,102.76	7,989.95	4,000.91	0.55	-0.52	0.933
12.00	-44.07	-48.18	0.00	-4,916.30	0.00	4,916.30	4,173.80	2,086.90	7,869.20	3,940.45	0.79	-0.62	0.927
14.00	-43.32	-47.83	0.00	-4,819.94	0.00	4,819.94	4,142.07	2,071.04	7,749.38	3,880.45	1.07	-0.73	0.920
16.00	-42.57	-47.47	0.00	-4,724.29	0.00	4,724.29	4,110.34	2,055.17	7,630.48	3,820.91	1.40	-0.83	0.914
18.00	-41.83	-47.12	0.00	-4,629.35	0.00	4,629.35	4,078.62	2,039.31	7,512.50	3,761.83	1.77	-0.94	0.907
20.00	-41.09	-46.77	0.00	-4,535.10	0.00	4,535.10	4,046.89	2,023.44	7,395.44	3,703.21	2.19	-1.04	0.900
22.00	-40.36	-46.42	0.00	-4,441.56	0.00	4,441.56	4,015.16	2,007.58	7,279.29	3,645.06	2.65	-1.15	0.893
24.00	-39.63	-46.07	0.00	-4,348.73	0.00	4,348.73	3,983.43	1,991.72	7,164.07	3,587.36	3.15	-1.25	0.886
26.00	-38.90	-45.72	0.00	-4,256.59	0.00	4,256.59	3,951.70	1,975.85	7,049.76	3,530.12	3.70	-1.35	0.879
28.00	-38.22	-45.34	0.00	-4,165.16	0.00	4,165.16	3,919.98	1,959.99	6,936.37	3,473.34	4.29	-1.46	0.871
28.50	-38.02	-45.27	0.00	-4,142.49	0.00	4,142.49	3,912.04	1,956.02	6,908.17	3,459.22	4.44	-1.48	0.870
30.00	-37.15	-45.00	0.00	-4,074.59	0.00	4,074.59	3,888.25	1,944.12	6,823.91	3,417.03	4.92	-1.56	0.854
32.00	-36.02	-44.62	0.00	-3,984.59	0.00	3,984.59	3,856.52	1,928.26	6,712.36	3,361.17	5.60	-1.67	0.846
34.00	-34.92	-44.21	0.00	-3,895.35	0.00	3,895.35	3,824.79	1,912.40	6,601.73	3,305.77	6.32	-1.77	0.839
35.00	-34.36	-44.02	0.00	-3,851.14	0.00	3,851.14	3,899.62	1,949.81	6,864.12	3,437.16	6.70	-1.82	0.813
36.00	-33.99	-43.84	0.00	-3,807.12	0.00	3,807.12	3,883.76	1,941.88	6,808.07	3,409.09	7.08	-1.87	0.809
38.00	-33.29	-43.45	0.00	-3,719.44	0.00	3,719.44	3,852.03	1,926.02	6,696.65	3,353.30	7.89	-1.97	0.801
40.00	-32.59	-43.05	0.00	-3,632.54	0.00	3,632.54	3,820.30	1,910.15	6,586.15	3,297.97	8.74	-2.07	0.793
42.00	-31.91	-42.65	0.00	-3,546.44	0.00	3,546.44	3,788.58	1,894.29	6,476.57	3,243.10	9.62	-2.16	0.785
44.00	-31.22	-42.24	0.00	-3,461.15	0.00	3,461.15	3,756.85	1,878.42	6,367.91	3,188.69	10.55	-2.26	0.776
46.00	-30.55	-41.83	0.00	-3,376.67	0.00	3,376.67	3,725.12	1,862.56	6,260.17	3,134.74	11.52	-2.36	0.768
48.00	-29.87	-41.41	0.00	-3,293.02	0.00	3,293.02	3,693.39	1,846.70	6,153.35	3,081.25	12.53	-2.46	0.760
50.00	-29.20	-40.92	0.00	-3,210.20	0.00	3,210.20	3,661.66	1,830.83	6,047.45	3,028.22	13.58	-2.55	0.751
52.00	-28.54	-40.49	0.00	-3,128.37	0.00	3,128.37	3,629.94	1,814.97	5,942.47	2,975.65	14.67	-2.65	0.742
54.00	-27.88	-40.06	0.00	-3,047.39	0.00	3,047.39	3,598.21	1,799.10	5,838.41	2,923.54	15.80	-2.74	0.733
56.00	-27.23	-39.63	0.00	-2,967.27	0.00	2,967.27	3,566.48	1,783.24	5,735.26	2,871.89	16.97	-2.84	0.724
58.00	-26.58	-39.19	0.00	-2,888.01	0.00	2,888.01	3,534.75	1,767.38	5,633.04	2,820.71	18.18	-2.93	0.715
60.00	-25.65	-38.73	0.00	-2,809.64	0.00	2,809.64	3,503.02	1,751.51	5,531.73	2,769.98	19.43	-3.03	0.699
62.00	-24.74	-38.25	0.00	-2,732.18	0.00	2,732.18	3,471.30	1,735.65	5,431.35	2,719.71	20.71	-3.12	0.689
63.50	-24.07	-37.89	0.00	-2,674.80	0.00	2,674.80	3,158.12	1,579.06	5,037.43	2,522.46	21.71	-3.19	0.673
64.00	-23.91	-37.80	0.00	-2,655.86	0.00	2,655.86	3,152.80	1,576.40	5,017.53	2,512.49	22.04	-3.21	0.670
66.00	-23.36	-37.35	0.00	-2,580.26	0.00	2,580.26	3,131.44	1,565.72	4,938.17	2,472.75	23.41	-3.32	0.658
68.00	-22.81	-36.90	0.00	-2,505.56	0.00	2,505.56	3,109.92	1,554.96	4,859.19	2,433.21	24.82	-3.43	0.647
70.00	-22.28	-36.45	0.00	-2,431.76	0.00	2,431.76	3,081.37	1,540.68	4,769.94	2,388.51	26.28	-3.53	0.637
72.00	-21.74	-35.99	0.00	-2,358.87	0.00	2,358.87	3,052.81	1,526.41	4,681.51	2,344.23	27.78	-3.64	0.626
74.00	-21.21	-35.54	0.00	-2,286.88	0.00	2,286.88	3,024.26	1,512.13	4,593.91	2,300.37	29.33	-3.74	0.616
76.00	-20.69	-35.08	0.00	-2,215.81	0.00	2,215.81	2,995.70	1,497.85	4,507.14	2,256.92	30.92	-3.84	0.605
78.00	-20.17	-34.61	0.00	-2,145.66	0.00	2,145.66	2,967.15	1,483.57	4,421.19	2,213.88	32.55	-3.94	0.595
80.00	-19.66	-34.15	0.00	-2,076.43	0.00	2,076.43	2,938.59	1,469.30	4,336.07	2,171.26	34.22	-4.05	0.584
82.00	-19.15	-33.69	0.00	-2,008.13	0.00	2,008.13	2,910.04	1,455.02	4,251.78	2,129.05	35.94	-4.15	0.573
84.00	-18.64	-33.22	0.00	-1,940.76	0.00	1,940.76	2,881.48	1,440.74	4,168.32	2,087.26	37.69	-4.25	0.562
86.00	-18.14	-32.75	0.00	-1,874.32	0.00	1,874.32	2,852.93	1,426.46	4,085.69	2,045.88	39.49	-4.34	0.551
88.00	-17.65	-32.28	0.00	-1,808.81	0.00	1,808.81	2,824.37	1,412.19	4,003.88	2,004.91	41.33	-4.44	0.539
90.00	-16.94	-31.79	0.00	-1,744.25	0.00	1,744.25	2,795.82	1,397.91	3,922.90	1,964.36	43.21	-4.54	0.521
92.00	-16.26	-31.29	0.00	-1,680.67	0.00	1,680.67	2,767.26	1,383.63	3,842.74	1,924.23	45.13	-4.63	0.510
93.00	-15.92	-31.04	0.00	-1,649.38	0.00	1,649.38	2,292.76	1,146.38	3,238.31	1,621.56	46.11	-4.68	0.561

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

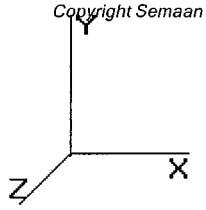
Wind Importance Factor : 1.00

94.00	-15.68	-30.81	0.00	-1,618.34	0.00	1,618.34	2,284.25	1,142.13	3,209.75	1,607.26	47.09	-4.72	0.554
96.00	-15.24	-30.33	0.00	-1,556.72	0.00	1,556.72	2,267.14	1,133.57	3,152.86	1,578.78	49.09	-4.82	0.539
98.00	-14.80	-29.86	0.00	-1,496.05	0.00	1,496.05	2,249.90	1,124.95	3,096.30	1,550.45	51.13	-4.92	0.524
100.00	-14.37	-29.38	0.00	-1,436.34	0.00	1,436.34	2,232.54	1,116.27	3,040.06	1,522.29	53.21	-5.01	0.509
102.00	-13.94	-28.90	0.00	-1,377.58	0.00	1,377.58	2,215.04	1,107.52	2,984.14	1,494.29	55.32	-5.11	0.495
104.00	-13.52	-28.42	0.00	-1,319.77	0.00	1,319.77	2,197.42	1,098.71	2,928.57	1,466.46	57.48	-5.20	0.480
105.00	-13.31	-28.18	0.00	-1,291.35	0.00	1,291.35	2,188.56	1,094.28	2,900.91	1,452.61	58.57	-5.24	0.472
105.00	-13.31	-28.18	0.00	-1,291.35	0.00	1,291.35	2,188.56	1,094.28	2,900.91	1,452.61	58.57	-5.24	0.896
106.00	-13.14	-27.96	0.00	-1,263.17	0.00	1,263.17	2,179.67	1,089.83	2,873.33	1,438.80	59.68	-5.29	0.885
108.00	-12.82	-27.51	0.00	-1,207.25	0.00	1,207.25	2,161.78	1,080.89	2,818.44	1,411.32	61.93	-5.46	0.862
110.00	-12.50	-27.07	0.00	-1,152.22	0.00	1,152.22	2,138.65	1,069.33	2,757.31	1,380.70	64.25	-5.62	0.841
112.00	-12.16	-26.89	0.00	-1,098.09	0.00	1,098.09	2,114.86	1,057.43	2,695.99	1,350.00	66.63	-5.79	0.820
114.00	-11.83	-26.71	0.00	-1,044.31	0.00	1,044.31	2,091.06	1,045.53	2,635.36	1,319.64	69.09	-5.95	0.798
116.00	-11.53	-26.52	0.00	-990.88	0.00	990.88	2,067.27	1,033.63	2,575.43	1,289.63	71.61	-6.11	0.775
116.50	-11.43	-26.49	0.00	-977.62	0.00	977.62	2,061.32	1,030.66	2,560.55	1,282.18	72.25	-6.15	0.769
118.00	-11.07	-26.34	0.00	-937.89	0.00	937.89	2,043.47	1,021.73	2,516.18	1,259.96	74.20	-6.27	0.750
120.00	-10.64	-25.92	0.00	-885.20	0.00	885.20	2,019.67	1,009.84	2,457.62	1,230.64	76.86	-6.42	0.725
121.00	-10.42	-25.71	0.00	-859.29	0.00	859.29	1,562.89	781.45	1,930.84	966.86	78.21	-6.50	0.896
122.00	-10.27	-25.52	0.00	-833.58	0.00	833.58	1,556.55	778.28	1,911.74	957.29	79.57	-6.57	0.878
124.00	-10.01	-25.13	0.00	-782.54	0.00	782.54	1,543.77	771.89	1,873.68	938.23	82.36	-6.74	0.842
126.00	-8.24	-20.12	0.00	-732.29	0.00	732.29	1,530.87	765.43	1,835.84	919.28	85.21	-6.91	0.803
128.00	-8.02	-19.72	0.00	-692.05	0.00	692.05	1,517.84	758.92	1,798.22	900.45	88.13	-7.07	0.775
130.00	-7.81	-19.33	0.00	-652.60	0.00	652.60	1,504.67	752.34	1,760.83	881.72	91.12	-7.23	0.746
132.00	-7.60	-18.94	0.00	-613.94	0.00	613.94	1,491.38	745.69	1,723.67	863.12	94.18	-7.38	0.717
134.00	-7.40	-18.55	0.00	-576.07	0.00	576.07	1,477.96	738.98	1,686.75	844.63	97.29	-7.54	0.688
136.00	-7.20	-18.15	0.00	-538.98	0.00	538.98	1,464.41	732.21	1,650.07	826.26	100.47	-7.68	0.658
138.00	-7.01	-17.76	0.00	-502.67	0.00	502.67	1,450.74	725.37	1,613.64	808.02	103.71	-7.83	0.628
139.00	-6.31	-15.95	0.00	-484.91	0.00	484.91	1,443.85	721.92	1,595.53	798.95	105.35	-7.90	0.612
140.00	-6.21	-15.76	0.00	-468.96	0.00	468.96	1,436.93	718.47	1,577.47	789.91	107.01	-7.97	0.598
142.00	-6.03	-15.37	0.00	-437.45	0.00	437.45	1,423.00	711.50	1,541.56	771.93	110.37	-8.10	0.571
144.00	-5.86	-14.98	0.00	-406.72	0.00	406.72	1,408.93	704.47	1,505.92	754.08	113.78	-8.23	0.544
145.00	-5.55	-13.85	0.00	-391.74	0.00	391.74	1,401.85	700.93	1,488.20	745.20	115.50	-8.29	0.530
146.00	-5.46	-13.76	0.00	-377.89	0.00	377.89	1,394.74	697.37	1,470.54	736.36	117.24	-8.36	0.517
148.00	-5.28	-13.59	0.00	-350.36	0.00	350.36	1,379.83	689.92	1,434.84	718.48	120.75	-8.48	0.492
149.00	-5.19	-13.50	0.00	-336.78	0.00	336.78	1,370.32	685.16	1,415.01	708.56	122.53	-8.54	0.479
150.00	-5.05	-13.41	0.00	-323.28	0.00	323.28	1,360.80	680.40	1,395.33	698.70	124.32	-8.60	0.467
152.00	-4.80	-13.21	0.00	-296.47	0.00	296.47	1,341.76	670.88	1,356.37	679.19	127.93	-8.71	0.440
152.50	-4.72	-13.17	0.00	-289.86	0.00	289.86	942.35	471.17	968.66	485.05	128.84	-8.74	0.603
154.00	-4.61	-13.04	0.00	-270.11	0.00	270.11	935.87	467.94	951.84	476.63	131.59	-8.82	0.572
156.00	-4.47	-12.87	0.00	-244.03	0.00	244.03	927.12	463.56	929.51	465.45	135.30	-8.95	0.530
158.00	-4.32	-12.70	0.00	-218.29	0.00	218.29	918.25	459.12	907.31	454.33	139.06	-9.07	0.486
160.00	-4.19	-12.54	0.00	-192.88	0.00	192.88	909.24	454.62	885.24	443.28	142.86	-9.18	0.440
162.00	-4.05	-12.37	0.00	-167.81	0.00	167.81	900.11	450.06	863.31	432.30	146.71	-9.28	0.393
164.00	-3.92	-12.20	0.00	-143.07	0.00	143.07	890.85	445.42	841.52	421.39	150.61	-9.37	0.345
166.00	-3.80	-12.04	0.00	-118.67	0.00	118.67	881.46	440.73	819.88	410.55	154.53	-9.45	0.294
167.00	-2.02	-7.10	0.00	-106.63	0.00	106.63	876.72	438.36	809.12	405.16	156.51	-9.49	0.266
168.00	-1.96	-7.02	0.00	-99.53	0.00	99.53	871.94	435.97	798.40	399.79	158.49	-9.53	0.251
170.00	-1.86	-6.85	0.00	-85.50	0.00	85.50	862.29	431.15	777.07	389.11	162.48	-9.59	0.222
172.00	-1.76	-6.69	0.00	-71.80	0.00	71.80	852.52	426.26	755.91	378.52	166.49	-9.65	0.192
174.00	-1.67	-6.53	0.00	-58.41	0.00	58.41	842.61	421.31	734.92	368.01	170.52	-9.69	0.161
175.00	-1.64	-5.89	0.00	-51.88	0.00	51.88	837.61	418.81	724.49	362.78	172.54	-9.72	0.145
176.00	-1.60	-5.82	0.00	-45.99	0.00	45.99	832.58	416.29	714.11	357.59	174.57	-9.74	0.131
178.00	-1.52	-5.66	0.00	-34.36	0.00	34.36	822.42	411.21	693.48	347.26	178.64	-9.77	0.101
180.00	-1.43	-5.51	0.00	-23.03	0.00	23.03	812.13	406.06	673.04	337.02	182.72	-9.79	0.070
182.00	-1.35	-5.36	0.00	-12.02	0.00	12.02	801.71	400.85	652.79	326.88	186.80	-9.81	0.039
183.00	0.00	-5.05	0.00	-6.66	0.00	6.66	796.45	398.23	642.74	321.85	188.85	-9.81	0.021

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

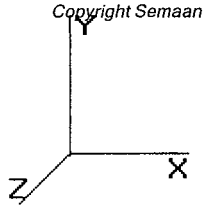
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	4.256	4.682	0.000	1.200		0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	4.256	4.682	0.000	1.200	*	1.889	2.00	8.828	10.59	49.6	237.3	992.3
4.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.024	2.00	8.814	10.58	49.5	253.3	1,003.7
6.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.108	2.00	8.783	10.54	49.3	262.4	1,008.3
8.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.170	2.00	8.744	10.49	49.1	268.4	1,009.8
10.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.219	2.00	8.701	10.44	48.9	272.8	1,009.6
12.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.259	2.00	8.656	10.39	48.6	276.1	1,008.4
14.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.295	2.00	8.608	10.33	48.4	278.6	1,006.3
16.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.325	2.00	8.559	10.27	48.1	280.4	1,003.7
18.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.353	2.00	8.509	10.21	47.8	281.9	1,000.6
20.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.378	2.00	8.458	10.15	47.5	282.9	997.1
22.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.401	2.00	8.407	10.09	47.2	283.6	993.3
24.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.422	2.00	8.355	10.03	46.9	284.1	989.2
26.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.441	2.00	8.302	9.96	46.6	284.4	984.9
28.00		1.00	0.70	4.256	4.682	0.000	1.200	*	2.459	2.00	8.249	9.90	46.3	284.5	980.5
28.50	Bot - Section 2	1.00	0.70	4.256	4.682	0.000	1.200	*	2.464	0.50	2.053	2.46	11.5	71.1	244.4
30.00		1.00	0.70	4.260	4.686	0.000	1.200	*	2.476	1.50	6.268	7.52	35.2	217.9	1,163.8
32.00		1.00	0.71	4.339	4.773	0.000	1.200	*	2.492	2.00	8.311	9.97	47.6	290.4	1,543.6
34.00		1.00	0.72	4.415	4.856	0.000	1.200	*	2.507	2.00	8.256	9.91	48.1	290.0	1,534.2
35.00	Top - Section 1	1.00	0.73	4.451	4.897	0.000	1.200	*	2.515	1.00	4.107	4.93	24.1	144.9	763.6
36.00		1.00	0.73	4.487	4.936	0.000	1.200	*	2.522	1.00	4.094	4.91	24.2	144.8	489.6
38.00		1.00	0.75	4.557	5.013	0.000	1.200	*	2.536	2.00	8.147	9.78	49.0	289.0	975.3
40.00		1.00	0.76	4.625	5.087	0.000	1.200	*	2.549	2.00	8.093	9.71	49.4	288.3	970.1
42.00		1.00	0.77	4.689	5.158	0.000	1.200	*	2.561	2.00	8.038	9.65	49.8	287.6	964.8
44.00		1.00	0.78	4.752	5.227	0.000	1.200	*	2.573	2.00	7.982	9.58	50.1	286.7	959.4
46.00		1.00	0.79	4.813	5.294	0.000	1.200	*	2.584	2.00	7.927	9.51	50.4	285.8	954.0
48.00		1.00	0.80	4.872	5.359	0.000	1.200	*	2.595	2.00	7.871	9.45	50.6	284.8	948.5
50.00	Appertunance(s)	1.00	0.81	4.929	5.422	0.000	1.200	*	2.606	2.00	7.816	9.38	50.9	283.8	942.9
52.00		1.00	0.82	4.984	5.483	0.000	1.200	*	2.616	2.00	7.760	9.31	51.1	282.7	937.2
54.00		1.00	0.82	5.039	5.542	0.000	1.200	*	2.626	2.00	7.704	9.24	51.2	281.5	931.5
56.00		1.00	0.83	5.091	5.600	0.000	1.200	*	2.636	2.00	7.648	9.18	51.4	280.3	925.8
58.00	Bot - Section 3	1.00	0.84	5.142	5.657	0.000	1.200	*	2.645	2.00	7.592	9.11	51.5	279.0	920.0
60.00		1.00	0.85	5.193	5.712	0.000	1.200	*	2.654	2.00	7.663	9.20	52.5	282.7	1,304.7
62.00		1.00	0.86	5.241	5.766	0.000	1.200	*	2.663	2.00	7.606	9.13	52.6	281.3	1,295.5
63.50	Top - Section 2	1.00	0.86	5.277	5.805	0.000	1.200	*	2.669	1.50	5.667	6.80	39.5	210.2	965.6
64.00		1.00	0.87	5.289	5.818	0.000	1.200	*	2.671	0.50	1.882	2.26	13.1	70.0	197.8
66.00		1.00	0.87	5.336	5.869	0.000	1.200	*	2.679	2.00	7.493	8.99	52.8	278.5	787.5
68.00		1.00	0.88	5.382	5.920	0.000	1.200	*	2.687	2.00	7.437	8.92	52.8	277.0	782.7
70.00		1.00	0.89	5.426	5.969	0.000	1.200	*	2.695	2.00	7.380	8.86	52.9	275.5	777.7
72.00		1.00	0.90	5.470	6.017	0.000	1.200	*	2.703	2.00	7.324	8.79	52.9	274.0	772.8
74.00		1.00	0.90	5.513	6.064	0.000	1.200	*	2.710	2.00	7.267	8.72	52.9	272.4	767.8
76.00		1.00	0.91	5.555	6.111	0.000	1.200	*	2.718	2.00	7.210	8.65	52.9	270.8	762.8
78.00		1.00	0.92	5.597	6.156	0.000	1.200	*	2.725	2.00	7.153	8.58	52.8	269.1	757.8
80.00		1.00	0.92	5.637	6.201	0.000	1.200	*	2.731	2.00	7.096	8.52	52.8	267.5	752.7
82.00		1.00	0.93	5.677	6.245	0.000	1.200	*	2.738	2.00	7.039	8.45	52.8	265.8	747.6
84.00		1.00	0.94	5.716	6.288	0.000	1.200	*	2.745	2.00	6.982	8.38	52.7	264.1	742.5
86.00		1.00	0.94	5.755	6.331	0.000	1.200	*	2.751	2.00	6.925	8.31	52.6	262.3	737.4
88.00	Bot - Section 4	1.00	0.95	5.793	6.372	0.000	1.200	*	2.758	2.00	6.868	8.24	52.5	260.5	732.2
90.00		1.00	0.95	5.830	6.413	0.000	1.200	*	2.764	2.00	6.917	8.30	53.2	263.1	1,015.7
92.00		1.00	0.96	5.867	6.454	0.000	1.200	*	2.770	2.00	6.860	8.23	53.1	261.3	1,007.7
93.00	Top - Section 3	1.00	0.96	5.885	6.474	0.000	1.200	*	2.773	1.00	3.408	4.09	26.5	130.2	501.1

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

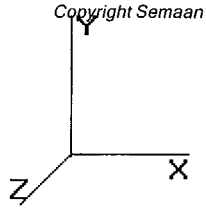
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

94.00		1.00	0.97	5.903	6.493	0.000	1.200 * 2.776	1.00	3.394	4.07	26.4	129.7	335.5
96.00		1.00	0.97	5.939	6.533	0.000	1.200 * 2.782	2.00	6.745	8.09	52.9	257.6	667.1
98.00		1.00	0.98	5.974	6.571	0.000	1.200 * 2.787	2.00	6.688	8.03	52.7	255.7	662.4
100.0		1.00	0.98	6.008	6.609	0.000	1.200 * 2.793	2.00	6.631	7.96	52.6	253.8	657.7
102.0		1.00	0.99	6.043	6.647	0.000	1.200 * 2.799	2.00	6.573	7.89	52.4	251.9	652.9
104.0		1.00	0.99	6.076	6.684	0.000	1.200 * 2.804	2.00	6.516	7.82	52.3	250.0	648.2
105.0	Reinf. Top	1.00	1.00	6.093	6.702	0.000	1.200 * 2.807	1.00	3.236	3.88	26.0	124.5	322.5
106.0		1.00	1.00	6.109	6.720	0.000	1.200 * 2.809	1.00	3.222	3.87	26.0	124.0	254.5
108.0		1.00	1.01	6.142	6.756	0.000	1.200 * 2.815	2.00	6.401	7.68	51.9	246.1	505.0
110.0		1.00	1.01	6.174	6.792	0.000	1.200 * 2.820	2.00	6.344	7.61	51.7	244.1	500.2
112.0		1.00	1.02	6.206	6.827	0.000	1.200 * 2.825	2.00	6.286	7.54	51.5	242.1	495.3
114.0		1.00	1.02	6.238	6.861	0.000	1.200 * 2.830	2.00	6.228	7.47	51.3	240.1	490.5
116.0		1.00	1.03	6.269	6.896	0.000	1.200 * 2.835	2.00	6.171	7.41	51.1	238.0	485.6
116.5	Bot - Section 5	1.00	1.03	6.276	6.904	0.000	1.200 * 2.836	0.50	1.534	1.84	12.7	59.4	120.8
118.0		1.00	1.03	6.299	6.929	0.000	1.200 * 2.840	1.50	4.643	5.57	38.6	179.7	512.3
120.0		1.00	1.04	6.330	6.963	0.000	1.200 * 2.845	2.00	6.140	7.37	51.3	237.5	676.6
121.0	Top - Section 4	1.00	1.04	6.345	6.979	0.000	1.200 * 2.847	1.00	3.048	3.66	25.5	118.2	335.9
122.0		1.00	1.04	6.360	6.996	0.000	1.200 * 2.849	1.00	3.034	3.64	25.5	117.7	214.9
124.0		1.00	1.05	6.389	7.028	0.000	1.200 * 2.854	2.00	6.025	7.23	50.8	233.3	426.0
126.0	Appertunance(s)	1.00	1.05	6.419	7.060	0.000	1.200 * 2.858	2.00	5.967	7.16	50.6	231.2	421.6
128.0		1.00	1.06	6.448	7.092	0.000	1.200 * 2.863	2.00	5.910	7.09	50.3	229.1	417.2
130.0		1.00	1.06	6.476	7.124	0.000	1.200 * 2.867	2.00	5.852	7.02	50.0	227.0	412.8
132.0		1.00	1.07	6.504	7.155	0.000	1.200 * 2.872	2.00	5.794	6.95	49.7	224.8	408.4
134.0		1.00	1.07	6.532	7.186	0.000	1.200 * 2.876	2.00	5.736	6.88	49.5	222.7	404.0
136.0		1.00	1.07	6.560	7.216	0.000	1.200 * 2.880	2.00	5.679	6.81	49.2	220.5	399.6
138.0		1.00	1.08	6.588	7.246	0.000	1.200 * 2.885	2.00	5.621	6.74	48.9	218.3	395.1
139.0	Appertunance(s)	1.00	1.08	6.601	7.261	0.000	1.200 * 2.887	1.00	2.789	3.35	24.3	108.6	196.2
140.0		1.00	1.08	6.615	7.276	0.000	1.200 * 2.889	1.00	2.774	3.33	24.2	108.1	195.0
142.0		1.00	1.09	6.642	7.306	0.000	1.200 * 2.893	2.00	5.505	6.61	48.3	214.0	386.2
144.0		1.00	1.09	6.668	7.335	0.000	1.200 * 2.897	2.00	5.447	6.54	47.9	211.7	381.7
145.0	Appertunance(s)	1.00	1.09	6.681	7.350	0.000	1.200 * 2.899	1.00	2.702	3.24	23.8	105.3	189.5
146.0		1.00	1.10	6.695	7.364	0.000	1.200 * 2.901	1.00	2.687	3.22	23.7	104.8	188.3
148.0		1.00	1.10	6.721	7.393	0.000	1.200 * 2.905	2.00	5.332	6.40	47.3	207.3	372.7
149.0	Bot - Section 6	1.00	1.10	6.734	7.407	0.000	1.200 * 2.907	1.00	2.644	3.17	23.5	103.1	185.0
150.0		1.00	1.11	6.746	7.421	0.000	1.200 * 2.909	1.00	2.661	3.19	23.7	103.9	247.2
152.0		1.00	1.11	6.772	7.449	0.000	1.200 * 2.913	2.00	5.279	6.34	47.2	205.5	489.2
152.5	Top - Section 5	1.00	1.11	6.778	7.456	0.000	1.200 * 2.914	0.50	1.311	1.57	11.7	51.2	121.6
154.0		1.00	1.11	6.797	7.477	0.000	1.200 * 2.916	1.50	3.910	4.69	35.1	152.4	243.1
156.0		1.00	1.12	6.822	7.505	0.000	1.200 * 2.920	2.00	5.163	6.20	46.5	201.0	320.4
158.0		1.00	1.12	6.847	7.532	0.000	1.200 * 2.924	2.00	5.105	6.13	46.1	198.7	316.4
160.0		1.00	1.13	6.872	7.559	0.000	1.200 * 2.928	2.00	5.047	6.06	45.8	196.4	312.4
162.0		1.00	1.13	6.896	7.586	0.000	1.200 * 2.931	2.00	4.989	5.99	45.4	194.1	308.4
164.0		1.00	1.13	6.921	7.613	0.000	1.200 * 2.935	2.00	4.931	5.92	45.0	191.8	304.4
166.0		1.00	1.14	6.945	7.639	0.000	1.200 * 2.938	2.00	4.873	5.85	44.7	189.5	300.4
167.0	Appertunance(s)	1.00	1.14	6.957	7.652	0.000	1.200 * 2.940	1.00	2.415	2.90	22.2	94.2	149.0
168.0		1.00	1.14	6.968	7.665	0.000	1.200 * 2.942	1.00	2.400	2.88	22.1	93.6	148.0
170.0		1.00	1.15	6.992	7.691	0.000	1.200 * 2.945	2.00	4.757	5.71	43.9	184.8	292.3
172.0		1.00	1.15	7.015	7.717	0.000	1.200 * 2.949	2.00	4.699	5.64	43.5	182.5	288.3
174.0		1.00	1.15	7.039	7.743	0.000	1.200 * 2.952	2.00	4.641	5.57	43.1	180.1	284.2
175.0	Appertunance(s)	1.00	1.16	7.050	7.755	0.000	1.200 * 2.954	1.00	2.299	2.76	21.4	89.5	140.9
176.0		1.00	1.16	7.062	7.768	0.000	1.200 * 2.956	1.00	2.284	2.74	21.3	88.9	139.9
178.0		1.00	1.16	7.085	7.793	0.000	1.200 * 2.959	2.00	4.525	5.43	42.3	175.4	276.1
180.0		1.00	1.16	7.107	7.818	0.000	1.200 * 2.962	2.00	4.467	5.36	41.9	173.0	272.0
182.0		1.00	1.17	7.130	7.843	0.000	1.200 * 2.965	2.00	4.409	5.29	41.5	170.6	267.9
183.0	Appertunance(s)	1.00	1.17	7.141	7.855	0.000	1.200 * 2.967	1.00	2.182	2.62	20.6	84.7	132.7
* = Cf Adjusted By Linear Load Ra Effect							Totals:	183.00			4,513.6	22,597.3	64,838.7

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

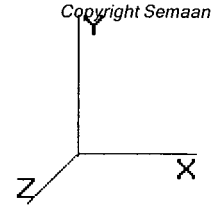
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	E911 Thales tve 8100	2	4.929	5.422	0.80	0.80	1.19	0.000	0.000	6.45	0.00	0.00	95.32
126.0	RFS FD9R6004/1C-3L	6	6.419	7.060	0.54	0.80	2.62	0.000	0.000	18.50	0.00	0.00	208.70
126.0	Platform with Handra	1	6.419	7.060	1.00	1.00	67.32	0.000	0.000	475.30	0.00	0.00	4,126.66
126.0	Decibel DB846H80E-	2	6.419	7.060	0.73	0.80	11.63	0.000	0.000	82.08	0.00	0.00	639.85
126.0	Decibel	4	6.419	7.060	0.74	0.80	27.00	0.000	0.000	190.61	0.00	0.00	1,558.53
126.0	Rymsa MG D3-800	3	6.419	7.060	0.65	0.80	9.47	0.000	0.000	66.87	0.00	0.00	569.06
126.0	Powerwave P65-16-	1	6.419	7.060	0.60	0.80	6.21	0.000	0.000	43.83	0.00	0.00	391.00
126.0	Andrew LNX-6514DS-	2	6.419	7.060	0.66	0.80	13.50	0.000	0.000	95.29	0.00	0.00	822.51
139.0	T-Arms	3	6.601	7.261	0.56	0.75	28.45	0.000	0.000	206.60	0.00	0.00	1,747.18
139.0	DA58-32	1	6.601	7.261	1.00	1.00	15.07	0.000	0.000	109.44	0.00	0.00	286.34
139.0	Terrawave RMFLT-2-	1	6.601	7.261	0.80	0.80	0.37	0.000	0.000	2.68	0.00	0.00	23.96
139.0	Proxim 5054-R-LR	1	6.601	7.261	0.80	0.80	1.76	0.000	0.000	12.76	0.00	0.00	131.89
139.0	Motorola PTP 54600 O	1	6.601	7.261	0.80	0.80	2.18	0.000	0.000	15.86	0.00	0.00	116.23
139.0	MA-WC50-5X	2	6.601	7.261	0.68	0.80	1.63	0.000	0.000	11.84	0.00	0.00	129.81
145.0	Flush Mounts	1	6.681	7.350	1.00	1.00	9.59	0.000	0.000	70.46	0.00	0.00	719.77
145.0	RFS APX16DWV-	3	6.681	7.350	0.50	0.80	12.69	0.000	0.000	93.28	0.00	0.00	943.06
145.0	Andrew	3	6.681	7.350	0.40	0.80	1.59	0.000	0.000	11.66	0.00	0.00	208.06
145.0	Andrew	3	6.681	7.350	0.40	0.80	1.15	0.000	0.000	8.49	0.00	0.00	165.12
167.0	Kathrein 800 10764	1	6.957	7.652	0.80	0.80	6.21	0.000	0.000	47.54	0.00	0.00	338.08
167.0	Raycap DC6-48-60-18-	1	6.957	7.652	0.80	0.80	2.69	0.000	0.000	20.62	0.00	0.00	219.97
167.0	Ericsson RRUS 11	6	6.957	7.652	0.57	0.80	12.74	0.000	0.000	97.47	0.00	0.00	1,324.95
167.0	KMW AM-X-CD-14-65-	2	6.957	7.652	0.61	0.80	8.18	0.000	0.000	62.58	0.00	0.00	598.11
167.0	Platform with Handra	1	6.957	7.652	1.00	1.00	68.46	0.000	0.000	523.91	0.00	0.00	4,187.43
167.0	Powerwave LGP21401	6	6.957	7.652	0.40	0.80	4.67	0.000	0.000	35.75	0.00	0.00	538.83
167.0	Allgon 7770.00	6	6.957	7.652	0.62	0.80	27.59	0.000	0.000	211.14	0.00	0.00	1,836.93
167.0	LGP Allgon LGP21903	6	6.957	7.652	0.40	0.80	1.69	0.000	0.000	12.95	0.00	0.00	239.62
175.0	RFS APXV18-206517S-	3	7.050	7.755	0.60	0.80	13.22	0.000	0.000	102.49	0.00	0.00	819.37
183.0	GPS	1	7.163	7.879	1.00	1.00	1.30	0.000	2.000	10.26	0.00	20.52	94.59
183.0	48" x 8" Panel	1	7.163	7.879	0.62	0.80	3.26	0.000	2.000	25.70	0.00	51.40	228.17
183.0	DB844G65VTZASX	3	7.163	7.879	0.67	0.80	14.30	0.000	2.000	112.66	0.00	225.32	964.46
183.0	Platform with Handra	1	7.141	7.855	1.00	1.00	68.84	0.000	0.000	540.76	0.00	0.00	4,207.53
183.0	Andrew DB844H90E-	6	7.163	7.879	0.73	0.80	22.83	0.000	2.000	179.89	0.00	359.78	1,432.49
183.0	DragonWave Horizon C	2	7.163	7.879	0.80	0.80	1.50	0.000	2.000	11.85	0.00	23.69	159.09
183.0	Argus LLPX310R	3	7.163	7.879	0.60	0.80	10.61	0.000	2.000	83.61	0.00	167.22	748.48
183.0	NextNet BTS-2500	3	7.163	7.879	0.40	0.80	5.56	0.000	2.000	43.84	0.00	87.67	235.64
183.0	DragonWave A-ANT-	2	7.163	7.879	1.00	1.00	13.72	0.000	2.000	108.12	0.00	216.24	341.55
										3,753.12			31,398.36



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

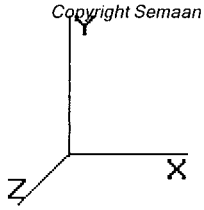
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	1.05	0.00	4.256	0.142	1.127	0.00	25.49
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	1.05	0.00	4.256	0.142	1.127	0.00	25.49
2.00	(1) Brackets	Yes	2.00	0.000	2.00	0.96	0.00	4.256	0.142	1.127	0.00	15.26
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	1.09	0.00	4.256	0.143	1.130	0.00	27.85
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	1.09	0.00	4.256	0.143	1.130	0.00	27.85
4.00	(1) Brackets	Yes	2.00	0.000	2.00	1.01	0.00	4.256	0.143	1.130	0.00	16.98
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.189	1.266	0.00	7.92
6.00	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.55	0.00	4.256	0.189	1.266	0.00	22.94
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.189	1.266	0.00	8.90
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.51	0.00	4.256	0.189	1.266	0.00	32.78
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	1.12	0.00	4.256	0.189	1.266	0.00	29.34
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	1.12	0.00	4.256	0.189	1.266	0.00	29.34
6.00	(1) Brackets	Yes	2.00	0.000	2.00	1.04	0.00	4.256	0.189	1.266	0.00	18.09
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.256	0.189	1.266	0.00	32.78
8.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.234	0.000	0.00	16.61
8.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.12	1.34	4.256	0.234	0.000	6.29	46.98
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.234	0.000	0.00	18.63
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.04	1.25	4.256	0.234	0.000	5.84	67.33
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.14	1.37	4.256	0.234	0.000	6.40	30.46
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.14	1.37	4.256	0.234	0.000	6.40	30.46
8.00	(1) Brackets	Yes	2.00	1.200	2.00	1.06	1.27	4.256	0.234	0.000	5.94	18.92
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.234	0.000	0.00	67.33
10.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.236	0.000	0.00	17.23
10.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.14	1.36	4.256	0.236	0.000	6.38	47.87
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.236	0.000	0.00	19.30
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.06	1.27	4.256	0.236	0.000	5.93	68.76
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.16	1.39	4.256	0.236	0.000	6.50	31.37
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.16	1.39	4.256	0.236	0.000	6.50	31.37
10.00	(1) Brackets	Yes	2.00	1.200	2.00	1.07	1.29	4.256	0.236	0.000	6.03	19.60
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.236	0.000	0.00	68.76
12.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.238	0.000	0.00	17.75
12.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.15	1.38	4.256	0.238	0.000	6.46	48.62
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.238	0.000	0.00	19.86
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.07	1.28	4.256	0.238	0.000	6.01	69.96
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.17	1.40	4.256	0.238	0.000	6.57	32.13
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.17	1.40	4.256	0.238	0.000	6.57	32.13
12.00	(1) Brackets	Yes	2.00	1.200	2.00	1.09	1.30	4.256	0.238	0.000	6.10	20.17
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.238	0.000	0.00	69.96
14.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.240	0.000	0.00	18.21
14.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.16	1.39	4.256	0.240	0.000	6.53	49.27
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.240	0.000	0.00	20.36
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.08	1.30	4.256	0.240	0.000	6.08	71.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.18	1.42	4.256	0.240	0.000	6.64	32.80
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.18	1.42	4.256	0.240	0.000	6.64	32.80
14.00	(1) Brackets	Yes	2.00	1.200	2.00	1.10	1.32	4.256	0.240	0.000	6.17	20.67
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.240	0.000	0.00	71.00
16.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.242	0.000	0.00	18.62
16.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.17	1.41	4.256	0.242	0.000	6.58	49.84
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.242	0.000	0.00	20.80
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.09	1.31	4.256	0.242	0.000	6.13	71.92
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.19	1.43	4.256	0.242	0.000	6.70	33.39



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

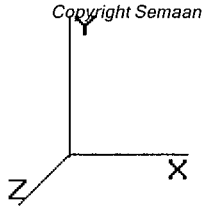
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.19	1.43	4.256	0.242	0.000	6.70	33.39
16.00	(1) Brackets	Yes	2.00	1.200	2.00	1.11	1.33	4.256	0.242	0.000	6.23	21.12
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.242	0.000	0.00	71.92
18.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.243	0.000	0.00	18.99
18.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.18	1.42	4.256	0.243	0.000	6.63	50.36
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.243	0.000	0.00	21.19
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.10	1.32	4.256	0.243	0.000	6.19	72.74
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.20	1.44	4.256	0.243	0.000	6.75	33.92
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.20	1.44	4.256	0.243	0.000	6.75	33.92
18.00	(1) Brackets	Yes	2.00	1.200	2.00	1.12	1.34	4.256	0.243	0.000	6.28	21.52
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.243	0.000	0.00	72.74
20.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.245	0.000	0.00	19.33
20.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.19	1.43	4.256	0.245	0.000	6.68	50.83
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.245	0.000	0.00	21.55
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.11	1.33	4.256	0.245	0.000	6.23	73.49
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.21	1.45	4.256	0.245	0.000	6.79	34.40
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.21	1.45	4.256	0.245	0.000	6.79	34.40
20.00	(1) Brackets	Yes	2.00	1.200	2.00	1.13	1.35	4.256	0.245	0.000	6.33	21.88
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.245	0.000	0.00	73.49
22.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.247	0.000	0.00	19.64
22.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.20	1.44	4.256	0.247	0.000	6.72	51.27
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.247	0.000	0.00	21.89
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.12	1.34	4.256	0.247	0.000	6.27	74.18
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.22	1.46	4.256	0.247	0.000	6.84	34.84
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.22	1.46	4.256	0.247	0.000	6.84	34.84
22.00	(1) Brackets	Yes	2.00	1.200	2.00	1.13	1.36	4.256	0.247	0.000	6.37	22.22
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.247	0.000	0.00	74.18
24.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.249	0.000	0.00	19.93
24.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.20	1.44	4.256	0.249	0.000	6.76	51.67
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.249	0.000	0.00	22.19
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.12	1.35	4.256	0.249	0.000	6.31	74.81
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.22	1.47	4.256	0.249	0.000	6.88	35.25
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.22	1.47	4.256	0.249	0.000	6.88	35.25
24.00	(1) Brackets	Yes	2.00	1.200	2.00	1.14	1.37	4.256	0.249	0.000	6.41	22.53
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.249	0.000	0.00	74.81
26.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.251	0.000	0.00	20.20
26.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.21	1.45	4.256	0.251	0.000	6.80	52.05
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.251	0.000	0.00	22.48
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.13	1.36	4.256	0.251	0.000	6.35	75.40
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.23	1.48	4.256	0.251	0.000	6.91	35.63
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.23	1.48	4.256	0.251	0.000	6.91	35.63
26.00	(1) Brackets	Yes	2.00	1.200	2.00	1.15	1.38	4.256	0.251	0.000	6.44	22.82
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.251	0.000	0.00	75.40
28.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.253	0.000	0.00	20.45
28.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.22	1.46	4.256	0.253	0.000	6.83	52.40
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.253	0.000	0.00	22.75
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.14	1.36	4.256	0.253	0.000	6.38	75.96
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.24	1.48	4.256	0.253	0.000	6.95	35.99
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.24	1.48	4.256	0.253	0.000	6.95	35.99
28.00	(1) Brackets	Yes	2.00	1.200	2.00	1.15	1.38	4.256	0.253	0.000	6.48	23.10
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.256	0.253	0.000	0.00	75.96
28.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.256	0.254	0.000	0.00	5.13
28.50	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.30	0.37	4.256	0.254	0.000	1.71	13.12
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.256	0.254	0.000	0.00	5.70
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.28	0.34	4.256	0.254	0.000	1.60	19.02
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.31	0.37	4.256	0.254	0.000	1.74	9.02
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.31	0.37	4.256	0.254	0.000	1.74	9.02

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



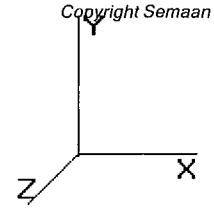
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

28.50	(1) Brackets	Yes	0.50	1.200	2.00	0.29	0.35	4.256	0.254	0.000	1.62	5.79
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	4.256	0.254	0.000	0.00	19.02
30.00	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.260	0.255	0.000	0.00	15.52
30.00	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.92	1.10	4.260	0.255	0.000	5.15	39.55
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.260	0.255	0.000	0.00	17.26
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.86	1.03	4.260	0.255	0.000	4.82	57.36
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.93	1.12	4.260	0.255	0.000	5.24	27.25
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.93	1.12	4.260	0.255	0.000	5.24	27.25
30.00	(1) Brackets	Yes	1.50	1.200	2.00	0.87	1.04	4.260	0.255	0.000	4.89	17.52
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	4.260	0.255	0.000	0.00	57.36
32.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.339	0.257	0.000	0.00	20.91
32.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.23	1.47	4.339	0.257	0.000	7.03	53.04
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.339	0.257	0.000	0.00	23.25
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.15	1.38	4.339	0.257	0.000	6.57	76.97
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.25	1.50	4.339	0.257	0.000	7.14	36.65
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.25	1.50	4.339	0.257	0.000	7.14	36.65
32.00	(1) Brackets	Yes	2.00	1.200	2.00	1.16	1.40	4.339	0.257	0.000	6.67	23.60
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.339	0.257	0.000	0.00	76.97
34.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.415	0.259	0.000	0.00	21.13
34.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.23	1.48	4.415	0.259	0.000	7.18	53.34
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.415	0.259	0.000	0.00	23.48
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.15	1.38	4.415	0.259	0.000	6.72	77.43
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.25	1.50	4.415	0.259	0.000	7.30	36.95
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.25	1.50	4.415	0.259	0.000	7.30	36.95
34.00	(1) Brackets	Yes	2.00	1.200	2.00	1.17	1.40	4.415	0.259	0.000	6.81	23.83
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.415	0.259	0.000	0.00	77.43
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.261	0.000	0.00	10.62
35.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.62	0.74	4.451	0.261	0.000	3.63	26.74
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.261	0.000	0.00	11.80
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.58	0.69	4.451	0.261	0.000	3.39	38.83
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.63	0.75	4.451	0.261	0.000	3.69	18.55
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.63	0.75	4.451	0.261	0.000	3.69	18.55
35.00	(1) Brackets	Yes	1.00	1.200	2.00	0.59	0.70	4.451	0.261	0.000	3.44	11.97
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.451	0.261	0.000	0.00	38.83
36.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.487	0.256	0.000	0.00	10.67
36.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.62	0.74	4.487	0.256	0.000	3.66	26.81
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.487	0.256	0.000	0.00	11.85
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.58	0.69	4.487	0.256	0.000	3.43	38.94
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.63	0.75	4.487	0.256	0.000	3.72	18.62
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.63	0.75	4.487	0.256	0.000	3.72	18.62
36.00	(1) Brackets	Yes	1.00	1.200	2.00	0.59	0.70	4.487	0.256	0.000	3.48	12.03
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	4.487	0.256	0.000	0.00	38.94
38.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.557	0.257	0.000	0.00	21.53
38.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.24	1.49	4.557	0.257	0.000	7.47	53.89
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.557	0.257	0.000	0.00	23.91
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.16	1.39	4.557	0.257	0.000	6.99	78.30
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.26	1.51	4.557	0.257	0.000	7.59	37.52
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.26	1.51	4.557	0.257	0.000	7.59	37.52
38.00	(1) Brackets	Yes	2.00	1.200	2.00	1.18	1.41	4.557	0.257	0.000	7.09	24.26
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.557	0.257	0.000	0.00	78.30
40.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.625	0.260	0.000	0.00	21.72
40.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.25	1.50	4.625	0.260	0.000	7.61	54.15
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.625	0.260	0.000	0.00	24.11
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.17	1.40	4.625	0.260	0.000	7.12	78.70
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.27	1.52	4.625	0.260	0.000	7.73	37.78
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.27	1.52	4.625	0.260	0.000	7.73	37.78
40.00	(1) Brackets	Yes	2.00	1.200	2.00	1.18	1.42	4.625	0.260	0.000	7.22	24.47



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

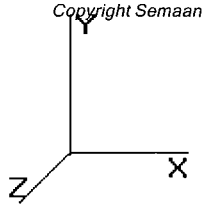
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.625	0.260	0.000	0.00	78.70
42.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.689	0.262	0.000	0.00	21.90
42.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.25	1.50	4.689	0.262	0.000	7.74	54.40
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.689	0.262	0.000	0.00	24.30
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.17	1.40	4.689	0.262	0.000	7.24	79.09
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.27	1.52	4.689	0.262	0.000	7.86	38.03
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.27	1.52	4.689	0.262	0.000	7.86	38.03
42.00	(1) Brackets	Yes	2.00	1.200	2.00	1.19	1.42	4.689	0.262	0.000	7.35	24.66
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.689	0.262	0.000	0.00	79.09
44.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.752	0.264	0.000	0.00	22.07
44.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.25	1.51	4.752	0.264	0.000	7.87	54.64
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.752	0.264	0.000	0.00	24.49
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.17	1.41	4.752	0.264	0.000	7.37	79.46
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.27	1.53	4.752	0.264	0.000	7.99	38.27
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.27	1.53	4.752	0.264	0.000	7.99	38.27
44.00	(1) Brackets	Yes	2.00	1.200	2.00	1.19	1.43	4.752	0.264	0.000	7.47	24.85
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.752	0.264	0.000	0.00	79.46
46.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.813	0.266	0.000	0.00	22.24
46.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.26	1.51	4.813	0.266	0.000	7.99	54.87
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.813	0.266	0.000	0.00	24.66
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.18	1.41	4.813	0.266	0.000	7.48	79.81
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.28	1.53	4.813	0.266	0.000	8.12	38.51
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.28	1.53	4.813	0.266	0.000	8.12	38.51
46.00	(1) Brackets	Yes	2.00	1.200	2.00	1.19	1.43	4.813	0.266	0.000	7.59	25.03
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.813	0.266	0.000	0.00	79.81
48.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.872	0.268	0.000	0.00	22.40
48.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.26	1.51	4.872	0.268	0.000	8.11	55.09
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.872	0.268	0.000	0.00	24.84
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.18	1.42	4.872	0.268	0.000	7.60	80.16
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.28	1.54	4.872	0.268	0.000	8.24	38.73
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.28	1.54	4.872	0.268	0.000	8.24	38.73
48.00	(1) Brackets	Yes	2.00	1.200	2.00	1.20	1.44	4.872	0.268	0.000	7.71	25.20
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.872	0.268	0.000	0.00	80.16
50.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.929	0.271	0.000	0.00	22.55
50.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.27	1.52	4.929	0.271	0.000	8.23	55.30
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.929	0.271	0.000	0.00	25.00
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.19	1.42	4.929	0.271	0.000	7.71	80.49
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.29	1.54	4.929	0.271	0.000	8.36	38.95
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.29	1.54	4.929	0.271	0.000	8.36	38.95
50.00	(1) Brackets	Yes	2.00	1.200	2.00	1.20	1.44	4.929	0.271	0.000	7.82	25.37
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.929	0.271	0.000	0.00	80.49
52.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.984	0.273	0.000	0.00	22.71
52.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.27	1.52	4.984	0.273	0.000	8.35	55.51
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.984	0.273	0.000	0.00	25.16
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.19	1.43	4.984	0.273	0.000	7.82	80.81
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.29	1.55	4.984	0.273	0.000	8.48	39.16
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.29	1.55	4.984	0.273	0.000	8.48	39.16
52.00	(1) Brackets	Yes	2.00	1.200	2.00	1.21	1.45	4.984	0.273	0.000	7.93	25.53
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	4.984	0.273	0.000	0.00	80.81
54.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.039	0.275	0.000	0.00	22.85
54.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.27	1.53	5.039	0.275	0.000	8.46	55.71
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.039	0.275	0.000	0.00	25.32
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.19	1.43	5.039	0.275	0.000	7.93	81.12
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.29	1.55	5.039	0.275	0.000	8.59	39.36
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.29	1.55	5.039	0.275	0.000	8.59	39.36
54.00	(1) Brackets	Yes	2.00	1.200	2.00	1.21	1.45	5.039	0.275	0.000	8.04	25.69
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.039	0.275	0.000	0.00	81.12

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



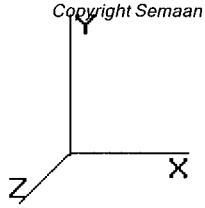
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

56.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.091	0.278	0.000	0.00	22.99
56.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.28	1.53	5.091	0.278	0.000	8.57	55.90
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.091	0.278	0.000	0.00	25.47
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.20	1.43	5.091	0.278	0.000	8.03	81.42
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.55	5.091	0.278	0.000	8.70	39.56
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.55	5.091	0.278	0.000	8.70	39.56
56.00	(1) Brackets	Yes	2.00	1.200	2.00	1.21	1.45	5.091	0.278	0.000	8.14	25.84
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.091	0.278	0.000	0.00	81.42
58.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.142	0.280	0.000	0.00	23.13
58.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.28	1.53	5.142	0.280	0.000	8.68	56.09
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.142	0.280	0.000	0.00	25.62
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.20	1.44	5.142	0.280	0.000	8.13	81.71
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.56	5.142	0.280	0.000	8.81	39.75
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.56	5.142	0.280	0.000	8.81	39.75
58.00	(1) Brackets	Yes	2.00	1.200	2.00	1.22	1.46	5.142	0.280	0.000	8.25	25.99
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.142	0.280	0.000	0.00	81.71
60.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.193	0.283	0.000	0.00	23.26
60.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.28	1.54	5.193	0.283	0.000	8.78	56.27
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.193	0.283	0.000	0.00	25.76
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.20	1.44	5.193	0.283	0.000	8.23	81.99
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.56	5.193	0.283	0.000	8.92	39.94
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.56	5.193	0.283	0.000	8.92	39.94
60.00	(1) Brackets	Yes	2.00	1.200	2.00	1.22	1.46	5.193	0.283	0.000	8.35	26.14
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.193	0.283	0.000	0.00	81.99
62.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.241	0.285	0.000	0.00	23.40
62.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.28	1.54	5.241	0.285	0.000	8.89	56.45
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.241	0.285	0.000	0.00	25.90
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.20	1.45	5.241	0.285	0.000	8.33	82.26
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.57	5.241	0.285	0.000	9.02	40.12
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.30	1.57	5.241	0.285	0.000	9.02	40.12
62.00	(1) Brackets	Yes	2.00	1.200	2.00	1.22	1.47	5.241	0.285	0.000	8.45	26.28
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.241	0.285	0.000	0.00	82.26
63.50	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.277	0.287	0.000	0.00	17.62
63.50	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.96	1.16	5.277	0.287	0.000	6.72	42.44
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.277	0.287	0.000	0.00	19.50
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.90	1.09	5.277	0.287	0.000	6.30	61.85
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.98	1.18	5.277	0.287	0.000	6.83	30.19
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.98	1.18	5.277	0.287	0.000	6.83	30.19
63.50	(1) Brackets	Yes	1.50	1.200	2.00	0.92	1.10	5.277	0.287	0.000	6.39	19.78
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	5.277	0.287	0.000	0.00	61.85
64.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.289	0.283	0.000	0.00	5.88
64.00	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.32	0.39	5.289	0.283	0.000	2.25	14.16
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.289	0.283	0.000	0.00	6.51
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.30	0.36	5.289	0.283	0.000	2.11	20.63
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.33	0.39	5.289	0.283	0.000	2.28	10.07
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.33	0.39	5.289	0.283	0.000	2.28	10.07
64.00	(1) Brackets	Yes	0.50	1.200	2.00	0.31	0.37	5.289	0.283	0.000	2.14	6.60
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	5.289	0.283	0.000	0.00	20.63
66.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.336	0.285	0.000	0.00	23.65
66.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.29	1.55	5.336	0.285	0.000	9.08	56.79
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.336	0.285	0.000	0.00	26.16
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.21	1.45	5.336	0.285	0.000	8.52	82.79
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.31	1.57	5.336	0.285	0.000	9.23	40.47
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.31	1.57	5.336	0.285	0.000	9.23	40.47
66.00	(1) Brackets	Yes	2.00	1.200	2.00	1.23	1.47	5.336	0.285	0.000	8.64	26.55
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.336	0.285	0.000	0.00	82.79
68.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.382	0.287	0.000	0.00	23.77



Load Case: 1.2D + 1.0Di + 1.0Wi 50.00 mph with 1.25 in Radial Ice 32 Iterations

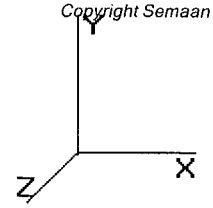
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

68.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.29	1.55	5.382	0.287	0.000	9.18	56.96
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.382	0.287	0.000	0.00	26.29
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.21	1.45	5.382	0.287	0.000	8.61	83.04
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.31	1.57	5.382	0.287	0.000	9.32	40.64
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.31	1.57	5.382	0.287	0.000	9.32	40.64
68.00	(1) Brackets	Yes	2.00	1.200	2.00	1.23	1.47	5.382	0.287	0.000	8.73	26.68
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.382	0.287	0.000	0.00	83.04
70.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.426	0.290	0.000	0.00	23.88
70.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.30	1.55	5.426	0.290	0.000	9.28	57.12
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.426	0.290	0.000	0.00	26.42
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.22	1.46	5.426	0.290	0.000	8.70	83.29
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.58	5.426	0.290	0.000	9.42	40.80
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.58	5.426	0.290	0.000	9.42	40.80
70.00	(1) Brackets	Yes	2.00	1.200	2.00	1.23	1.48	5.426	0.290	0.000	8.82	26.80
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.426	0.290	0.000	0.00	83.29
72.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.470	0.293	0.000	0.00	24.00
72.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.30	1.56	5.470	0.293	0.000	9.37	57.27
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.470	0.293	0.000	0.00	26.54
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.22	1.46	5.470	0.293	0.000	8.79	83.53
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.58	5.470	0.293	0.000	9.51	40.96
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.58	5.470	0.293	0.000	9.51	40.96
72.00	(1) Brackets	Yes	2.00	1.200	2.00	1.23	1.48	5.470	0.293	0.000	8.91	26.93
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.470	0.293	0.000	0.00	83.53
74.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.513	0.295	0.000	0.00	24.11
74.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.30	1.56	5.513	0.295	0.000	9.46	57.43
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.513	0.295	0.000	0.00	26.66
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.22	1.46	5.513	0.295	0.000	8.88	83.77
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.58	5.513	0.295	0.000	9.61	41.11
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.58	5.513	0.295	0.000	9.61	41.11
74.00	(1) Brackets	Yes	2.00	1.200	2.00	1.24	1.48	5.513	0.295	0.000	9.00	27.05
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.513	0.295	0.000	0.00	83.77
76.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.555	0.298	0.000	0.00	24.22
76.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.30	1.56	5.555	0.298	0.000	9.55	57.58
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.555	0.298	0.000	0.00	26.78
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.22	1.47	5.555	0.298	0.000	8.96	84.00
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.59	5.555	0.298	0.000	9.70	41.27
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.59	5.555	0.298	0.000	9.70	41.27
76.00	(1) Brackets	Yes	2.00	1.200	2.00	1.24	1.49	5.555	0.298	0.000	9.09	27.17
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.555	0.298	0.000	0.00	84.00
78.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.597	0.301	0.000	0.00	24.33
78.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.30	1.57	5.597	0.301	0.000	9.64	57.72
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.597	0.301	0.000	0.00	26.89
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.22	1.47	5.597	0.301	0.000	9.05	84.22
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.59	5.597	0.301	0.000	9.79	41.42
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.32	1.59	5.597	0.301	0.000	9.79	41.42
78.00	(1) Brackets	Yes	2.00	1.200	2.00	1.24	1.49	5.597	0.301	0.000	9.17	27.28
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.597	0.301	0.000	0.00	84.22
80.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.637	0.304	0.000	0.00	24.44
80.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.31	1.57	5.637	0.304	0.000	9.73	57.87
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.637	0.304	0.000	0.00	27.01
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.23	1.47	5.637	0.304	0.000	9.13	84.44
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.59	5.637	0.304	0.000	9.88	41.56
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.59	5.637	0.304	0.000	9.88	41.56
80.00	(1) Brackets	Yes	2.00	1.200	2.00	1.24	1.49	5.637	0.304	0.000	9.26	27.40
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.637	0.304	0.000	0.00	84.44
82.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.677	0.307	0.000	0.00	24.54
82.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.31	1.57	5.677	0.307	0.000	9.81	58.01

Pole :	302535				Code: ANSI/TIA-222 Rev G							
Location :	Milford CT 2, CT				Struct Class : II						6/28/2011 11:04:58 A	
Height :	183.0 (ft)				Exposure Category : B						Page: 54	
Shape :	18 Sides				Topographic Category : 1							
Base Dia :	48.62 (in)											
Top Dia :	19.86 (in)											
Taper :	0.174917 (in/ft)				Base Elev : 0.000 (ft)							



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 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

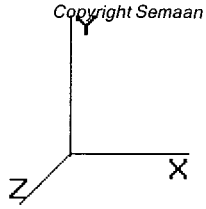
Wind Load Factor : 1.00

82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.677	0.307	0.000	0.00	27.12
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.23	1.48	5.677	0.307	0.000	9.21	84.66
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.60	5.677	0.307	0.000	9.96	41.70
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.60	5.677	0.307	0.000	9.96	41.70
82.00	(1) Brackets	Yes	2.00	1.200	2.00	1.25	1.50	5.677	0.307	0.000	9.34	27.51
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.677	0.307	0.000	0.00	84.66
84.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.716	0.310	0.000	0.00	24.64
84.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.31	1.57	5.716	0.310	0.000	9.90	58.14
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.716	0.310	0.000	0.00	27.22
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.23	1.48	5.716	0.310	0.000	9.29	84.87
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.60	5.716	0.310	0.000	10.05	41.84
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.60	5.716	0.310	0.000	10.05	41.84
84.00	(1) Brackets	Yes	2.00	1.200	2.00	1.25	1.50	5.716	0.310	0.000	9.42	27.62
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.716	0.310	0.000	0.00	84.87
86.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.755	0.313	0.000	0.00	24.74
86.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.31	1.58	5.755	0.313	0.000	9.98	58.28
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.755	0.313	0.000	0.00	27.33
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.23	1.48	5.755	0.313	0.000	9.37	85.07
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.60	5.755	0.313	0.000	10.13	41.98
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.33	1.60	5.755	0.313	0.000	10.13	41.98
86.00	(1) Brackets	Yes	2.00	1.200	2.00	1.25	1.50	5.755	0.313	0.000	9.50	27.72
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.755	0.313	0.000	0.00	85.07
88.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.793	0.316	0.000	0.00	24.84
88.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.32	1.58	5.793	0.316	0.000	10.06	58.41
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.793	0.316	0.000	0.00	27.43
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.24	1.48	5.793	0.316	0.000	9.45	85.28
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.60	5.793	0.316	0.000	10.22	42.12
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.60	5.793	0.316	0.000	10.22	42.12
88.00	(1) Brackets	Yes	2.00	1.200	2.00	1.25	1.50	5.793	0.316	0.000	9.58	27.83
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.793	0.316	0.000	0.00	85.28
90.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.830	0.319	0.000	0.00	24.93
90.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.32	1.58	5.830	0.319	0.000	10.14	58.54
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.830	0.319	0.000	0.00	27.54
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.24	1.49	5.830	0.319	0.000	9.53	85.47
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.61	5.830	0.319	0.000	10.30	42.25
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.61	5.830	0.319	0.000	10.30	42.25
90.00	(1) Brackets	Yes	2.00	1.200	2.00	1.25	1.51	5.830	0.319	0.000	9.66	27.93
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.830	0.319	0.000	0.00	85.47
92.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.867	0.322	0.000	0.00	25.03
92.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.32	1.58	5.867	0.322	0.000	10.22	58.67
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.867	0.322	0.000	0.00	27.64
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.24	1.49	5.867	0.322	0.000	9.60	85.67
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.61	5.867	0.322	0.000	10.38	42.38
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.61	5.867	0.322	0.000	10.38	42.38
92.00	(1) Brackets	Yes	2.00	1.200	2.00	1.26	1.51	5.867	0.322	0.000	9.73	28.03
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.867	0.322	0.000	0.00	85.67
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.325	0.000	0.00	12.54
93.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.66	0.79	5.885	0.325	0.000	5.13	29.37
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.325	0.000	0.00	13.84
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.62	0.74	5.885	0.325	0.000	4.82	42.88
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.67	0.80	5.885	0.325	0.000	5.21	21.22
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.67	0.80	5.885	0.325	0.000	5.21	21.22
93.00	(1) Brackets	Yes	1.00	1.200	2.00	0.63	0.75	5.885	0.325	0.000	4.88	14.04
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.885	0.325	0.000	0.00	42.88
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.321	0.000	0.00	12.56
94.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.66	0.79	5.903	0.321	0.000	5.15	29.40
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.321	0.000	0.00	13.87

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

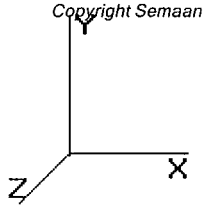
Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.62	0.75	5.903	0.321	0.000	4.84	42.93
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.67	0.81	5.903	0.321	0.000	5.23	21.25
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.67	0.81	5.903	0.321	0.000	5.23	21.25
94.00	(1) Brackets	Yes	1.00	1.200	2.00	0.63	0.76	5.903	0.321	0.000	4.90	14.07
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	5.903	0.321	0.000	0.00	42.93
96.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.939	0.323	0.000	0.00	25.21
96.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.32	1.59	5.939	0.323	0.000	10.38	58.92
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.939	0.323	0.000	0.00	27.83
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.24	1.49	5.939	0.323	0.000	9.75	86.05
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.61	5.939	0.323	0.000	10.54	42.63
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.34	1.61	5.939	0.323	0.000	10.54	42.63
96.00	(1) Brackets	Yes	2.00	1.200	2.00	1.26	1.51	5.939	0.323	0.000	9.88	28.23
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.939	0.323	0.000	0.00	86.05
98.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.974	0.326	0.000	0.00	25.30
98.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.33	1.59	5.974	0.326	0.000	10.45	59.04
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.974	0.326	0.000	0.00	27.93
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.25	1.49	5.974	0.326	0.000	9.82	86.23
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.61	5.974	0.326	0.000	10.61	42.75
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.61	5.974	0.326	0.000	10.61	42.75
98.00	(1) Brackets	Yes	2.00	1.200	2.00	1.26	1.51	5.974	0.326	0.000	9.96	28.33
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	5.974	0.326	0.000	0.00	86.23
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.330	0.000	0.00	25.39
100.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.33	1.59	6.008	0.330	0.000	10.53	59.15
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.330	0.000	0.00	28.02
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.25	1.50	6.008	0.330	0.000	9.90	86.41
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.62	6.008	0.330	0.000	10.69	42.87
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.62	6.008	0.330	0.000	10.69	42.87
100.0	(1) Brackets	Yes	2.00	1.200	2.00	1.26	1.52	6.008	0.330	0.000	10.03	28.42
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.008	0.330	0.000	0.00	86.41
102.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.043	0.333	0.000	0.00	25.48
102.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.33	1.60	6.043	0.333	0.000	10.60	59.27
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.043	0.333	0.000	0.00	28.11
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.25	1.50	6.043	0.333	0.000	9.97	86.59
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.62	6.043	0.333	0.000	10.76	42.99
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.62	6.043	0.333	0.000	10.76	42.99
102.0	(1) Brackets	Yes	2.00	1.200	2.00	1.27	1.52	6.043	0.333	0.000	10.10	28.51
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.043	0.333	0.000	0.00	86.59
104.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.076	0.337	0.000	0.00	25.56
104.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.33	1.60	6.076	0.337	0.000	10.68	59.39
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.076	0.337	0.000	0.00	28.20
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.25	1.50	6.076	0.337	0.000	10.04	86.77
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.62	6.076	0.337	0.000	10.84	43.11
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.62	6.076	0.337	0.000	10.84	43.11
104.0	(1) Brackets	Yes	2.00	1.200	2.00	1.27	1.52	6.076	0.337	0.000	10.17	28.60
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.076	0.337	0.000	0.00	86.77
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.340	0.000	0.00	12.80
105.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.67	0.80	6.093	0.340	0.000	5.36	29.72
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.340	0.000	0.00	14.12
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.63	0.75	6.093	0.340	0.000	5.04	43.43
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.68	0.81	6.093	0.340	0.000	5.44	21.58
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.68	0.81	6.093	0.340	0.000	5.44	21.58
105.0	(1) Brackets	Yes	1.00	1.200	2.00	0.63	0.76	6.093	0.340	0.000	5.10	14.32
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.093	0.340	0.000	0.00	43.43
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.341	0.000	0.00	12.82
106.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.67	0.80	6.109	0.341	0.000	5.38	29.75
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.341	0.000	0.00	14.15
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.63	0.75	6.109	0.341	0.000	5.05	43.47

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



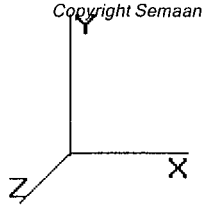
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

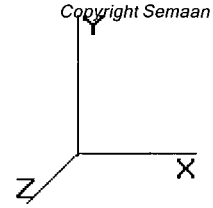
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.68	0.81	6.109	0.341	0.000	5.46	21.61
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.68	0.81	6.109	0.341	0.000	5.46	21.61
106.0	(1) Brackets	Yes	1.00	1.200	2.00	0.63	0.76	6.109	0.341	0.000	5.12	14.35
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.109	0.341	0.000	0.00	43.47
108.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.142	0.344	0.000	0.00	25.73
108.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.33	1.60	6.142	0.344	0.000	10.82	59.61
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.142	0.344	0.000	0.00	28.38
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.25	1.51	6.142	0.344	0.000	10.17	87.11
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.63	6.142	0.344	0.000	10.98	43.34
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.35	1.63	6.142	0.344	0.000	10.98	43.34
108.0	(1) Brackets	Yes	2.00	1.200	2.00	1.27	1.53	6.142	0.344	0.000	10.31	28.78
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.142	0.344	0.000	0.00	87.11
110.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.174	0.348	0.000	0.00	25.81
110.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.34	1.60	6.174	0.348	0.000	10.89	59.72
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.174	0.348	0.000	0.00	28.46
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.26	1.51	6.174	0.348	0.000	10.24	87.27
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.36	1.63	6.174	0.348	0.000	11.06	43.45
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	1.36	1.63	6.174	0.348	0.000	11.06	43.45
110.0	(1) Brackets	Yes	2.00	1.200	2.00	1.27	1.53	6.174	0.348	0.000	10.38	28.87
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.174	0.348	0.000	0.00	87.27
112.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.206	0.193	1.278	0.00	25.89
112.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.34	0.00	6.206	0.193	1.278	0.00	59.83
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.206	0.193	1.278	0.00	28.55
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.26	0.00	6.206	0.193	1.278	0.00	87.44
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.26	0.00	6.206	0.193	1.278	0.00	87.44
114.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.238	0.195	1.285	0.00	25.97
114.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.34	0.00	6.238	0.195	1.285	0.00	59.93
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.238	0.195	1.285	0.00	28.63
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.26	0.00	6.238	0.195	1.285	0.00	87.60
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.26	0.00	6.238	0.195	1.285	0.00	87.60
116.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.269	0.197	1.291	0.00	26.04
116.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.34	0.00	6.269	0.197	1.291	0.00	60.04
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.269	0.197	1.291	0.00	28.72
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.26	0.00	6.269	0.197	1.291	0.00	87.76
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.26	0.00	6.269	0.197	1.291	0.00	87.76
116.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.276	0.198	1.295	0.00	6.52
116.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.34	0.00	6.276	0.198	1.295	0.00	15.02
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.276	0.198	1.295	0.00	7.18
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.32	0.00	6.276	0.198	1.295	0.00	21.95
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.32	0.00	6.276	0.198	1.295	0.00	21.95
118.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.299	0.200	1.299	0.00	19.59
118.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	1.01	0.00	6.299	0.200	1.299	0.00	45.11
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.299	0.200	1.299	0.00	21.60
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.95	0.00	6.299	0.200	1.299	0.00	65.94
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.95	0.00	6.299	0.200	1.299	0.00	65.94
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.330	0.202	0.000	0.00	26.20
120.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.34	1.61	6.330	0.202	0.000	11.24	60.24
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.330	0.202	0.000	0.00	28.88
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.26	1.52	6.330	0.202	0.000	10.57	88.07
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.26	1.52	6.330	0.202	0.000	10.57	88.07
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.203	0.000	0.00	13.12
121.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.67	0.81	6.345	0.203	0.000	5.63	30.15
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.345	0.203	0.000	0.00	14.46
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.63	0.76	6.345	0.203	0.000	5.30	44.07
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.63	0.76	6.345	0.203	0.000	5.30	44.07
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.201	0.000	0.00	13.14
122.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.67	0.81	6.360	0.201	0.000	5.65	30.17



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 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

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.360	0.201	0.000	0.00	14.48
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.63	0.76	6.360	0.201	0.000	5.32	44.11
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.63	0.76	6.360	0.201	0.000	5.32	44.11
124.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.389	0.203	0.000	0.00	26.35
124.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.35	1.62	6.389	0.203	0.000	11.37	60.44
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.389	0.203	0.000	0.00	29.04
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.52	6.389	0.203	0.000	10.69	88.37
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.52	6.389	0.203	0.000	10.69	88.37
126.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.419	0.205	0.000	0.00	26.42
126.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.35	1.62	6.419	0.205	0.000	11.43	60.54
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.419	0.205	0.000	0.00	29.11
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.52	6.419	0.205	0.000	10.76	88.52
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.52	6.419	0.205	0.000	10.76	88.52
128.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.448	0.208	0.000	0.00	26.49
128.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.35	1.62	6.448	0.208	0.000	11.50	60.64
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.448	0.208	0.000	0.00	29.19
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.53	6.448	0.208	0.000	10.82	88.67
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.53	6.448	0.208	0.000	10.82	88.67
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.476	0.210	0.000	0.00	26.56
130.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.35	1.62	6.476	0.210	0.000	11.56	60.73
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.476	0.210	0.000	0.00	29.26
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.53	6.476	0.210	0.000	10.88	88.81
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.53	6.476	0.210	0.000	10.88	88.81
132.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.504	0.213	0.000	0.00	26.63
132.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.35	1.62	6.504	0.213	0.000	11.62	60.83
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.504	0.213	0.000	0.00	29.34
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.53	6.504	0.213	0.000	10.94	88.95
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.27	1.53	6.504	0.213	0.000	10.94	88.95
134.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.532	0.216	0.000	0.00	26.70
134.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.36	1.63	6.532	0.216	0.000	11.69	60.92
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.532	0.216	0.000	0.00	29.41
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.53	6.532	0.216	0.000	11.00	89.09
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.53	6.532	0.216	0.000	11.00	89.09
136.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.560	0.218	0.000	0.00	26.77
136.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.36	1.63	6.560	0.218	0.000	11.75	61.01
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.560	0.218	0.000	0.00	29.48
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.53	6.560	0.218	0.000	11.06	89.23
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.53	6.560	0.218	0.000	11.06	89.23
138.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.588	0.221	0.000	0.00	26.84
138.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.36	1.63	6.588	0.221	0.000	11.81	61.10
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.588	0.221	0.000	0.00	29.56
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.53	6.588	0.221	0.000	11.11	89.37
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.53	6.588	0.221	0.000	11.11	89.37
139.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.601	0.223	0.000	0.00	13.43
139.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.68	0.82	6.601	0.223	0.000	5.92	30.57
139.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.601	0.223	0.000	0.00	14.80
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.64	0.77	6.601	0.223	0.000	5.57	44.72
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.64	0.77	6.601	0.223	0.000	5.57	44.72
140.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.615	0.225	0.000	0.00	13.45
140.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.68	0.82	6.615	0.225	0.000	5.94	30.59
140.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.615	0.225	0.000	0.00	14.81
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.64	0.77	6.615	0.225	0.000	5.59	44.75
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.64	0.77	6.615	0.225	0.000	5.59	44.75
142.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.642	0.227	0.000	0.00	26.97
142.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.36	1.63	6.642	0.227	0.000	11.93	61.28
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.642	0.227	0.000	0.00	29.70
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.54	6.642	0.227	0.000	11.23	89.64



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

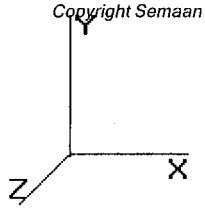
Gust Response Factor : 1.10 — Ice Dead Load Factor : 1.00 — Wind Importance Factor : 1.00
Dead Load Factor : 1.20 — Ice Importance Factor : 1.00
Wind Load Factor : 1.00

142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.54	6.642	0.227	0.000	11.23	89.64
144.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.668	0.230	0.000	0.00	27.03
144.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	1.36	1.63	6.668	0.230	0.000	11.99	61.37
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.668	0.230	0.000	0.00	29.77
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.54	6.668	0.230	0.000	11.29	89.77
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	1.28	1.54	6.668	0.230	0.000	11.29	89.77
145.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.681	0.232	0.000	0.00	13.53
145.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.68	0.82	6.681	0.232	0.000	6.01	30.70
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.681	0.232	0.000	0.00	14.90
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.64	0.77	6.681	0.232	0.000	5.66	44.92
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.64	0.77	6.681	0.232	0.000	5.66	44.92
146.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.695	0.162	1.186	0.00	13.55
146.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.68	0.00	6.695	0.162	1.186	0.00	30.73
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.695	0.162	1.186	0.00	14.92
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.64	0.00	6.695	0.162	1.186	0.00	44.95
148.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.721	0.163	1.190	0.00	27.16
148.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.36	0.00	6.721	0.163	1.190	0.00	61.54
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.721	0.163	1.190	0.00	29.90
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.28	0.00	6.721	0.163	1.190	0.00	90.03
149.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.734	0.165	1.195	0.00	13.60
149.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.68	0.00	6.734	0.165	1.195	0.00	30.79
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.734	0.165	1.195	0.00	14.97
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.64	0.00	6.734	0.165	1.195	0.00	45.05
150.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.746	0.166	1.199	0.00	13.61
150.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.68	0.00	6.746	0.166	1.199	0.00	30.81
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.746	0.166	1.199	0.00	14.98
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.64	0.00	6.746	0.166	1.199	0.00	45.08
152.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.772	0.168	1.204	0.00	27.29
152.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.37	0.00	6.772	0.168	1.204	0.00	61.70
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.772	0.168	1.204	0.00	30.04
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.29	0.00	6.772	0.168	1.204	0.00	90.28
152.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.778	0.170	1.209	0.00	6.83
152.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.34	0.00	6.778	0.170	1.209	0.00	15.43
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.778	0.170	1.209	0.00	7.51
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.32	0.00	6.778	0.170	1.209	0.00	22.58
154.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.797	0.168	1.205	0.00	20.51
154.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	1.03	0.00	6.797	0.168	1.205	0.00	46.34
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.797	0.168	1.205	0.00	22.58
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.97	0.00	6.797	0.168	1.205	0.00	67.81
156.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.822	0.170	1.211	0.00	27.41
156.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.37	0.00	6.822	0.170	1.211	0.00	61.87
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.822	0.170	1.211	0.00	30.17
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.29	0.00	6.822	0.170	1.211	0.00	90.53
158.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.847	0.173	1.218	0.00	27.47
158.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.37	0.00	6.847	0.173	1.218	0.00	61.95
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.847	0.173	1.218	0.00	30.23
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.29	0.00	6.847	0.173	1.218	0.00	90.65
160.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.872	0.175	1.226	0.00	27.53
160.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.37	0.00	6.872	0.175	1.226	0.00	62.03
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.872	0.175	1.226	0.00	30.29
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.29	0.00	6.872	0.175	1.226	0.00	90.77
162.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.896	0.178	1.233	0.00	27.59
162.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.37	0.00	6.896	0.178	1.233	0.00	62.11
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.896	0.178	1.233	0.00	30.36
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.29	0.00	6.896	0.178	1.233	0.00	90.89
164.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.921	0.180	1.241	0.00	27.65
164.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.37	0.00	6.921	0.180	1.241	0.00	62.19

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



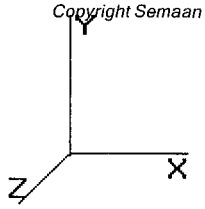
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.921	0.180	1.241	0.00	30.42
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.29	0.00	6.921	0.180	1.241	0.00	91.01
166.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.945	0.183	1.250	0.00	27.71
166.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.38	0.00	6.945	0.183	1.250	0.00	62.26
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.945	0.183	1.250	0.00	30.48
166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.30	0.00	6.945	0.183	1.250	0.00	91.13
167.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.957	0.185	1.256	0.00	13.87
167.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.69	0.00	6.957	0.185	1.256	0.00	31.15
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.957	0.185	1.256	0.00	15.25
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.65	0.00	6.957	0.185	1.256	0.00	45.59
168.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.968	0.187	1.260	0.00	13.88
168.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.69	0.00	6.968	0.187	1.260	0.00	31.17
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.968	0.187	1.260	0.00	15.27
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.65	0.00	6.968	0.187	1.260	0.00	45.62
170.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.992	0.189	1.267	0.00	27.82
170.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.38	0.00	6.992	0.189	1.267	0.00	62.42
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.992	0.189	1.267	0.00	30.60
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.30	0.00	6.992	0.189	1.267	0.00	91.36
172.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.192	1.276	0.00	27.88
172.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.38	0.00	7.015	0.192	1.276	0.00	62.49
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.192	1.276	0.00	30.66
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.30	0.00	7.015	0.192	1.276	0.00	91.47
174.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.039	0.195	1.285	0.00	27.93
174.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.38	0.00	7.039	0.195	1.285	0.00	62.57
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.039	0.195	1.285	0.00	30.72
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	1.30	0.00	7.039	0.195	1.285	0.00	91.58
175.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.050	0.197	1.292	0.00	13.98
175.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.69	0.00	7.050	0.197	1.292	0.00	31.30
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.050	0.197	1.292	0.00	15.37
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.65	0.00	7.050	0.197	1.292	0.00	45.82
176.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.111	1.032	0.00	13.99
176.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.69	0.00	7.062	0.111	1.032	0.00	31.32
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.062	0.111	1.032	0.00	15.39
178.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.085	0.112	1.036	0.00	28.04
178.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.38	0.00	7.085	0.112	1.036	0.00	62.71
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.085	0.112	1.036	0.00	30.84
180.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.107	0.114	1.042	0.00	28.10
180.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.38	0.00	7.107	0.114	1.042	0.00	62.79
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.107	0.114	1.042	0.00	30.89
182.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.130	0.116	1.048	0.00	28.15
182.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	1.39	0.00	7.130	0.116	1.048	0.00	62.86
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.130	0.116	1.048	0.00	30.95
183.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.141	0.118	1.053	0.00	14.09
183.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.69	0.00	7.141	0.118	1.053	0.00	31.45
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	7.141	0.118	1.053	0.00	15.49
										Totals:	2,653.98	28,238.60



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

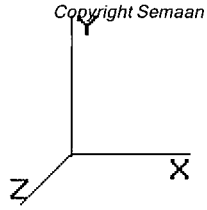
Gust Response Factor : 1.10
Dead Load Factor : 1.20
Wind Load Factor : 1.00

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
2.00	49.60	1,058.57	0.00	0.00
4.00	49.52	1,076.39	0.00	0.00
6.00	49.34	1,229.60	0.00	0.00
8.00	80.00	1,385.04	0.00	0.00
10.00	80.22	1,392.41	0.00	0.00
12.00	80.35	1,397.49	0.00	0.00
14.00	80.41	1,400.94	0.00	0.00
16.00	80.42	1,403.17	0.00	0.00
18.00	80.40	1,404.45	0.00	0.00
20.00	80.35	1,404.96	0.00	0.00
22.00	80.27	1,404.84	0.00	0.00
24.00	80.17	1,404.19	0.00	0.00
26.00	80.06	1,403.09	0.00	0.00
28.00	79.93	1,401.59	0.00	0.00
28.50	19.94	349.87	0.00	0.00
30.00	60.57	1,481.77	0.00	0.00
32.00	82.16	1,970.20	0.00	0.00
34.00	83.42	1,963.30	0.00	0.00
35.00	41.97	978.75	0.00	0.00
36.00	42.26	705.37	0.00	0.00
38.00	85.74	1,409.05	0.00	0.00
40.00	86.80	1,406.03	0.00	0.00
42.00	87.81	1,402.83	0.00	0.00
44.00	88.76	1,399.47	0.00	0.00
46.00	89.67	1,395.95	0.00	0.00
48.00	90.53	1,392.30	0.00	0.00
50.00	97.79	1,483.83	0.00	0.00
52.00	92.12	1,384.60	0.00	0.00
54.00	92.85	1,380.59	0.00	0.00
56.00	93.55	1,376.46	0.00	0.00
58.00	94.22	1,372.24	0.00	0.00
60.00	95.72	1,758.56	0.00	0.00
62.00	96.34	1,750.77	0.00	0.00
63.50	72.54	1,307.91	0.00	0.00
64.00	24.19	311.96	0.00	0.00
66.00	97.47	1,245.71	0.00	0.00
68.00	98.00	1,242.22	0.00	0.00
70.00	98.50	1,238.67	0.00	0.00
72.00	98.98	1,235.04	0.00	0.00
74.00	99.44	1,231.36	0.00	0.00
76.00	99.87	1,227.61	0.00	0.00
78.00	100.28	1,223.80	0.00	0.00
80.00	100.67	1,219.94	0.00	0.00
82.00	101.04	1,216.03	0.00	0.00
84.00	101.39	1,212.06	0.00	0.00
86.00	101.73	1,208.05	0.00	0.00
88.00	102.04	1,203.99	0.00	0.00
90.00	103.15	1,488.65	0.00	0.00
92.00	103.44	1,481.67	0.00	0.00



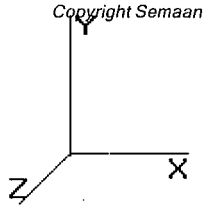
Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

93.00	51.73	738.31	0.00	0.00
94.00	51.80	573.06	0.00	0.00
96.00	103.96	1,143.18	0.00	0.00
98.00	104.20	1,139.48	0.00	0.00
100.0	104.42	1,135.76	0.00	0.00
102.0	104.63	1,131.99	0.00	0.00
104.0	104.82	1,128.19	0.00	0.00
105.0	52.40	562.78	0.00	0.00
106.0	52.44	495.02	0.00	0.00
108.0	105.17	986.89	0.00	0.00
110.0	105.33	982.99	0.00	0.00
112.0	51.50	862.99	0.00	0.00
114.0	51.28	858.73	0.00	0.00
116.0	51.06	854.45	0.00	0.00
116.5	12.71	213.08	0.00	0.00
118.0	38.61	789.39	0.00	0.00
120.0	83.68	1,046.56	0.00	0.00
121.0	41.76	520.99	0.00	0.00
122.0	41.75	400.14	0.00	0.00
124.0	83.57	797.05	0.00	0.00
126.0	1,055.97	9,109.55	0.00	0.00
128.0	83.43	764.33	0.00	0.00
130.0	83.34	760.47	0.00	0.00
132.0	83.25	756.58	0.00	0.00
134.0	83.15	752.68	0.00	0.00
136.0	83.03	748.76	0.00	0.00
138.0	82.92	744.82	0.00	0.00
139.0	400.55	2,806.55	0.00	0.00
140.0	41.33	370.00	0.00	0.00
142.0	82.65	736.60	0.00	0.00
144.0	82.51	732.60	0.00	0.00
145.0	225.04	2,401.03	0.00	0.00
146.0	23.75	313.16	0.00	0.00
148.0	47.30	622.73	0.00	0.00
149.0	23.50	310.04	0.00	0.00
150.0	23.70	372.41	0.00	0.00
152.0	47.19	739.93	0.00	0.00
152.5	11.73	184.24	0.00	0.00
154.0	35.09	431.38	0.00	0.00
156.0	46.50	571.74	0.00	0.00
158.0	46.14	568.09	0.00	0.00
160.0	45.78	564.42	0.00	0.00
162.0	45.42	560.74	0.00	0.00
164.0	45.05	557.05	0.00	0.00
166.0	44.67	553.35	0.00	0.00
167.0	1,034.13	9,559.45	0.00	0.00
168.0	22.08	265.14	0.00	0.00
170.0	43.91	526.97	0.00	0.00
172.0	43.52	523.23	0.00	0.00
174.0	43.12	519.48	0.00	0.00
175.0	123.88	1,077.96	0.00	0.00
176.0	21.29	211.80	0.00	0.00
178.0	42.32	420.14	0.00	0.00
180.0	41.91	416.25	0.00	0.00
182.0	41.49	412.34	0.00	0.00
183.0	1,137.25	8,616.99	0.00	1,151.84



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

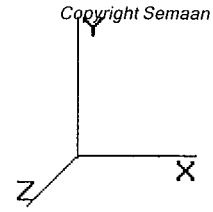
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

Totals:	10,920.70	130,367.3	0.00	1,151.84

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

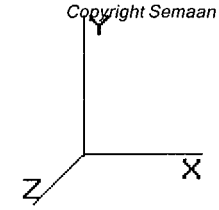
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-130.36	-10.95	0.00	-1,400.43	0.00	1,400.43	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.266
2.00	-129.30	-10.96	0.00	-1,378.53	0.00	1,378.53	4,332.44	2,166.22	8,482.10	4,247.36	0.01	-0.03	0.265
4.00	-128.22	-10.97	0.00	-1,356.61	0.00	1,356.61	4,300.71	2,150.36	8,357.68	4,185.05	0.02	-0.05	0.264
6.00	-126.98	-10.98	0.00	-1,334.67	0.00	1,334.67	4,268.98	2,134.49	8,234.19	4,123.21	0.05	-0.08	0.263
8.00	-125.59	-10.95	0.00	-1,312.71	0.00	1,312.71	4,237.26	2,118.63	8,111.60	4,061.83	0.09	-0.11	0.262
10.00	-124.20	-10.93	0.00	-1,290.80	0.00	1,290.80	4,205.53	2,102.76	7,989.95	4,000.91	0.14	-0.13	0.261
12.00	-122.80	-10.90	0.00	-1,268.95	0.00	1,268.95	4,173.80	2,086.90	7,869.20	3,940.45	0.20	-0.16	0.260
14.00	-121.39	-10.88	0.00	-1,247.14	0.00	1,247.14	4,142.07	2,071.04	7,749.38	3,880.45	0.27	-0.19	0.259
16.00	-119.98	-10.85	0.00	-1,225.39	0.00	1,225.39	4,110.34	2,055.17	7,630.48	3,820.91	0.36	-0.21	0.258
18.00	-118.57	-10.82	0.00	-1,203.69	0.00	1,203.69	4,078.62	2,039.31	7,512.50	3,761.83	0.45	-0.24	0.256
20.00	-117.16	-10.79	0.00	-1,182.06	0.00	1,182.06	4,046.89	2,023.44	7,395.44	3,703.21	0.56	-0.27	0.255
22.00	-115.75	-10.75	0.00	-1,160.49	0.00	1,160.49	4,015.16	2,007.58	7,279.29	3,645.06	0.68	-0.30	0.254
24.00	-114.34	-10.72	0.00	-1,138.98	0.00	1,138.98	3,983.43	1,991.72	7,164.07	3,587.36	0.81	-0.32	0.252
26.00	-112.94	-10.69	0.00	-1,117.54	0.00	1,117.54	3,951.70	1,975.85	7,049.76	3,530.12	0.95	-0.35	0.251
28.00	-111.53	-10.63	0.00	-1,096.17	0.00	1,096.17	3,919.98	1,959.99	6,936.37	3,473.34	1.10	-0.38	0.249
28.50	-111.18	-10.64	0.00	-1,090.85	0.00	1,090.85	3,912.04	1,956.02	6,908.17	3,459.22	1.14	-0.38	0.249
30.00	-109.69	-10.61	0.00	-1,074.90	0.00	1,074.90	3,888.25	1,944.12	6,823.91	3,417.03	1.27	-0.40	0.245
32.00	-107.72	-10.57	0.00	-1,053.68	0.00	1,053.68	3,856.52	1,928.26	6,712.36	3,361.17	1.44	-0.43	0.243
34.00	-105.75	-10.50	0.00	-1,032.55	0.00	1,032.55	3,824.79	1,912.40	6,601.73	3,305.77	1.63	-0.46	0.242
35.00	-104.77	-10.48	0.00	-1,022.04	0.00	1,022.04	3,899.62	1,949.81	6,864.12	3,437.16	1.73	-0.47	0.235
36.00	-104.06	-10.47	0.00	-1,011.56	0.00	1,011.56	3,883.76	1,941.88	6,808.07	3,409.09	1.83	-0.49	0.234
38.00	-102.65	-10.42	0.00	-990.63	0.00	990.63	3,852.03	1,926.02	6,696.65	3,353.30	2.04	-0.51	0.232
40.00	-101.24	-10.36	0.00	-969.80	0.00	969.80	3,820.30	1,910.15	6,586.15	3,297.97	2.26	-0.54	0.230
42.00	-99.83	-10.31	0.00	-949.07	0.00	949.07	3,788.58	1,894.29	6,476.57	3,243.10	2.49	-0.56	0.228
44.00	-98.43	-10.25	0.00	-928.46	0.00	928.46	3,756.85	1,878.42	6,367.91	3,188.69	2.73	-0.59	0.227
46.00	-97.03	-10.19	0.00	-907.97	0.00	907.97	3,725.12	1,862.56	6,260.17	3,134.74	2.99	-0.62	0.225
48.00	-95.64	-10.13	0.00	-887.59	0.00	887.59	3,693.39	1,846.70	6,153.35	3,081.25	3.25	-0.64	0.223
50.00	-94.15	-10.05	0.00	-867.34	0.00	867.34	3,661.66	1,830.83	6,047.45	3,028.22	3.52	-0.67	0.221
52.00	-92.76	-9.99	0.00	-847.24	0.00	847.24	3,629.94	1,814.97	5,942.47	2,975.65	3.81	-0.69	0.219
54.00	-91.38	-9.92	0.00	-827.26	0.00	827.26	3,598.21	1,799.10	5,838.41	2,923.54	4.11	-0.72	0.217
56.00	-90.00	-9.85	0.00	-807.43	0.00	807.43	3,566.48	1,783.24	5,735.26	2,871.89	4.41	-0.75	0.215
58.00	-88.62	-9.78	0.00	-787.74	0.00	787.74	3,534.75	1,767.38	5,633.04	2,820.71	4.73	-0.77	0.212
60.00	-86.86	-9.69	0.00	-768.19	0.00	768.19	3,503.02	1,751.51	5,531.73	2,769.98	5.06	-0.80	0.208
62.00	-85.11	-9.61	0.00	-748.80	0.00	748.80	3,471.30	1,735.65	5,431.35	2,719.71	5.40	-0.82	0.206
63.50	-83.80	-9.53	0.00	-734.39	0.00	734.39	3,158.12	1,579.06	5,037.43	2,522.46	5.66	-0.84	0.202
64.00	-83.48	-9.53	0.00	-729.62	0.00	729.62	3,152.80	1,576.40	5,017.53	2,512.49	5.75	-0.85	0.201
66.00	-82.24	-9.46	0.00	-710.56	0.00	710.56	3,131.44	1,565.72	4,938.17	2,472.75	6.11	-0.88	0.198
68.00	-80.99	-9.38	0.00	-691.65	0.00	691.65	3,109.92	1,554.96	4,859.19	2,433.21	6.49	-0.91	0.195
70.00	-79.75	-9.30	0.00	-672.89	0.00	672.89	3,081.37	1,540.68	4,769.94	2,388.51	6.88	-0.94	0.193
72.00	-78.51	-9.22	0.00	-654.29	0.00	654.29	3,052.81	1,526.41	4,681.51	2,344.23	7.27	-0.97	0.190
74.00	-77.28	-9.14	0.00	-635.84	0.00	635.84	3,024.26	1,512.13	4,593.91	2,300.37	7.69	-0.99	0.187
76.00	-76.05	-9.06	0.00	-617.56	0.00	617.56	2,995.70	1,497.85	4,507.14	2,256.92	8.11	-1.02	0.185
78.00	-74.82	-8.97	0.00	-599.45	0.00	599.45	2,967.15	1,483.57	4,421.19	2,213.88	8.54	-1.05	0.182
80.00	-73.60	-8.88	0.00	-581.51	0.00	581.51	2,938.59	1,469.30	4,336.07	2,171.26	8.99	-1.08	0.179
82.00	-72.38	-8.80	0.00	-563.74	0.00	563.74	2,910.04	1,455.02	4,251.78	2,129.05	9.45	-1.11	0.176
84.00	-71.17	-8.70	0.00	-546.15	0.00	546.15	2,881.48	1,440.74	4,168.32	2,087.26	9.92	-1.14	0.174
86.00	-69.96	-8.61	0.00	-528.74	0.00	528.74	2,852.93	1,426.46	4,085.69	2,045.88	10.40	-1.16	0.171
88.00	-68.75	-8.52	0.00	-511.52	0.00	511.52	2,824.37	1,412.19	4,003.88	2,004.91	10.89	-1.19	0.168
90.00	-67.26	-8.42	0.00	-494.48	0.00	494.48	2,795.82	1,397.91	3,922.90	1,964.36	11.40	-1.22	0.163
92.00	-65.78	-8.30	0.00	-477.65	0.00	477.65	2,767.26	1,383.63	3,842.74	1,924.23	11.92	-1.24	0.160
93.00	-65.04	-8.25	0.00	-469.35	0.00	469.35	2,292.76	1,146.38	3,238.31	1,621.56	12.18	-1.26	0.176

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



Load Case: 1.2D + 1.0Di + 1.0Wi — 50.00 mph with 1.25 in Radial Ice — 32 Iterations

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

Ice Dead Load Factor : 1.00

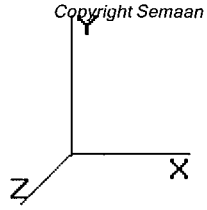
Wind Importance Factor : 1.00
Ice Importance Factor : 1.00

94.00	-64.46	-8.21	0.00	-461.10	0.00	461.10	2,284.25	1,142.13	3,209.75	1,607.26	12.44	-1.27	0.174
96.00	-63.32	-8.11	0.00	-444.68	0.00	444.68	2.267.14	1.133.57	3.152.86	1.578.78	12.98	-1.30	0.170
98.00	-62.18	-8.01	0.00	-428.46	0.00	428.46	2,249.90	1,124.95	3,096.30	1,550.45	13.53	-1.33	0.166
100.00	-61.04	-7.91	0.00	-412.44	0.00	412.44	2,232.54	1,116.27	3,040.06	1,522.29	14.09	-1.35	0.162
102.00	-59.91	-7.80	0.00	-396.62	0.00	396.62	2,215.04	1,107.52	2,984.14	1,494.29	14.67	-1.38	0.158
104.00	-58.78	-7.69	0.00	-381.01	0.00	381.01	2,197.42	1,098.71	2,928.57	1,466.46	15.25	-1.41	0.154
105.00	-58.22	-7.64	0.00	-373.32	0.00	373.32	2,188.56	1,094.28	2,900.91	1,452.61	15.55	-1.42	0.152
105.00	-58.22	-7.64	0.00	-373.32	0.00	373.32	2,188.56	1,094.28	2,900.91	1,452.61	15.55	-1.42	0.284
106.00	-57.72	-7.61	0.00	-365.68	0.00	365.68	2.179.67	1.089.83	2.873.33	1.438.80	15.85	-1.43	0.281
108.00	-56.73	-7.52	0.00	-350.47	0.00	350.47	2,161.78	1,080.89	2,818.44	1,411.32	16.46	-1.48	0.275
110.00	-55.74	-7.44	0.00	-335.43	0.00	335.43	2,138.65	1,069.33	2,757.31	1,380.70	17.09	-1.53	0.269
112.00	-54.88	-7.41	0.00	-320.55	0.00	320.55	2,114.86	1,057.43	2,695.99	1,350.00	17.74	-1.58	0.263
114.00	-54.01	-7.38	0.00	-305.73	0.00	305.73	2,091.06	1,045.53	2,635.36	1,319.64	18.41	-1.63	0.258
116.00	-53.16	-7.33	0.00	-290.97	0.00	290.97	2,067.27	1,033.63	2,575.43	1,289.63	19.10	-1.67	0.251
116.50	-52.94	-7.33	0.00	-287.30	0.00	287.30	2,061.32	1,030.66	2,560.55	1,282.18	19.28	-1.68	0.250
118.00	-52.15	-7.31	0.00	-276.31	0.00	276.31	2.043.47	1.021.73	2.516.18	1.259.96	19.82	-1.72	0.245
120.00	-51.10	-7.22	0.00	-261.69	0.00	261.69	2,019.67	1,009.84	2,457.62	1,230.64	20.55	-1.76	0.238
121.00	-50.58	-7.18	0.00	-254.47	0.00	254.47	1,562.89	781.45	1,930.84	966.86	20.92	-1.79	0.296
122.00	-50.18	-7.16	0.00	-247.29	0.00	247.29	1,556.55	778.28	1,911.74	957.29	21.29	-1.81	0.291
124.00	-49.38	-7.10	0.00	-232.96	0.00	232.96	1,543.77	771.89	1,873.68	938.23	22.06	-1.86	0.280
126.00	-40.30	-5.78	0.00	-218.77	0.00	218.77	1,530.87	765.43	1,835.84	919.28	22.85	-1.91	0.264
128.00	-39.54	-5.70	0.00	-207.22	0.00	207.22	1.517.84	758.92	1.798.22	900.45	23.66	-1.96	0.256
130.00	-38.77	-5.62	0.00	-195.83	0.00	195.83	1,504.67	752.34	1,760.83	881.72	24.49	-2.01	0.248
132.00	-38.02	-5.54	0.00	-184.58	0.00	184.58	1,491.38	745.69	1,723.67	863.12	25.34	-2.05	0.239
134.00	-37.26	-5.46	0.00	-173.50	0.00	173.50	1,477.96	738.98	1,686.75	844.63	26.21	-2.10	0.231
136.00	-36.51	-5.38	0.00	-162.58	0.00	162.58	1,464.41	732.21	1,650.07	826.26	27.10	-2.14	0.222
138.00	-35.77	-5.29	0.00	-151.82	0.00	151.82	1,450.74	725.37	1,613.64	808.02	28.01	-2.19	0.213
139.00	-32.98	-4.79	0.00	-146.54	0.00	146.54	1,443.85	721.92	1,595.53	798.95	28.47	-2.21	0.206
140.00	-32.61	-4.75	0.00	-141.75	0.00	141.75	1.436.93	718.47	1.577.47	789.91	28.93	-2.23	0.202
142.00	-31.87	-4.66	0.00	-132.24	0.00	132.24	1,423.00	711.50	1,541.56	771.93	29.87	-2.27	0.194
144.00	-31.14	-4.57	0.00	-122.91	0.00	122.91	1,408.93	704.47	1,505.92	754.08	30.83	-2.31	0.185
145.00	-28.75	-4.26	0.00	-118.34	0.00	118.34	1,401.85	700.93	1,488.20	745.20	31.32	-2.33	0.179
146.00	-28.44	-4.23	0.00	-114.09	0.00	114.09	1,394.74	697.37	1,470.54	736.36	31.81	-2.35	0.175
148.00	-27.81	-4.17	0.00	-105.62	0.00	105.62	1,379.83	689.92	1,434.84	718.48	32.80	-2.38	0.167
149.00	-27.50	-4.15	0.00	-101.45	0.00	101.45	1,370.32	685.16	1,415.01	708.56	33.30	-2.40	0.163
150.00	-27.13	-4.12	0.00	-97.30	0.00	97.30	1.360.80	680.40	1.395.33	698.70	33.80	-2.42	0.159
152.00	-26.39	-4.05	0.00	-89.06	0.00	89.06	1,341.76	670.88	1,356.37	679.19	34.82	-2.45	0.151
152.50	-26.21	-4.04	0.00	-87.04	0.00	87.04	942.35	471.17	968.66	485.05	35.08	-2.46	0.207
154.00	-25.78	-4.00	0.00	-80.98	0.00	80.98	935.87	467.94	951.84	476.63	35.86	-2.48	0.198
156.00	-25.20	-3.94	0.00	-72.99	0.00	72.99	927.12	463.56	929.51	465.45	36.91	-2.52	0.184
158.00	-24.64	-3.89	0.00	-65.10	0.00	65.10	918.25	459.12	907.31	454.33	37.97	-2.56	0.170
160.00	-24.07	-3.83	0.00	-57.33	0.00	57.33	909.24	454.62	885.24	443.28	39.05	-2.59	0.156
162.00	-23.51	-3.77	0.00	-49.67	0.00	49.67	900.11	450.06	863.31	432.30	40.14	-2.62	0.141
164.00	-22.96	-3.71	0.00	-42.13	0.00	42.13	890.85	445.42	841.52	421.39	41.25	-2.65	0.126
166.00	-22.40	-3.65	0.00	-34.71	0.00	34.71	881.46	440.73	819.88	410.55	42.36	-2.67	0.110
167.00	-12.90	-2.17	0.00	-31.06	0.00	31.06	876.72	438.36	809.12	405.16	42.92	-2.68	0.091
168.00	-12.64	-2.14	0.00	-28.90	0.00	28.90	871.94	435.97	798.40	399.79	43.49	-2.69	0.087
170.00	-12.11	-2.07	0.00	-24.62	0.00	24.62	862.29	431.15	777.07	389.11	44.62	-2.71	0.077
172.00	-11.59	-2.01	0.00	-20.48	0.00	20.48	852.52	426.26	755.91	378.52	45.76	-2.73	0.068
174.00	-11.08	-1.94	0.00	-16.46	0.00	16.46	842.61	421.31	734.92	368.01	46.90	-2.74	0.058
175.00	-10.00	-1.77	0.00	-14.52	0.00	14.52	837.61	418.81	724.49	362.78	47.48	-2.75	0.052
176.00	-9.79	-1.74	0.00	-12.76	0.00	12.76	832.58	416.29	714.11	357.59	48.05	-2.75	0.047
178.00	-9.38	-1.68	0.00	-9.28	0.00	9.28	822.42	411.21	693.48	347.26	49.21	-2.76	0.038
180.00	-8.96	-1.61	0.00	-5.93	0.00	5.93	812.13	406.06	673.04	337.02	50.37	-2.77	0.029
182.00	-8.55	-1.55	0.00	-2.70	0.00	2.70	801.71	400.85	652.79	326.88	51.53	-2.77	0.019
183.00	0.00	-1.14	0.00	-1.15	0.00	1.15	796.45	398.23	642.74	321.85	52.11	-2.78	0.004

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

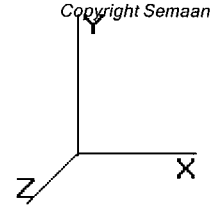
Wind Importance Factor : 1.00

Shaft Segment Forces (Factored)

Seg Top Elev (ft)	Description	Kzt	Kz	qz (psf)	qzGh (psf)	C (mph-ft)	Cf		Ice Thick (in)	Tributary (ft)	Aa (sf)	CfAa (sf)	Wind Force X (lb)	Dead Load Ice (lb)	Tot Dead Load (lb)
0.00		1.00	0.70	6.129	6.742	206.52	0.650		0.000	0.00	0.000	0.00	0.0	0.0	0.0
2.00		1.00	0.70	6.129	6.742	205.04	0.650	*	0.000	2.00	8.199	5.33	35.9	0.0	651.4
4.00		1.00	0.70	6.129	6.742	203.55	0.650	*	0.000	2.00	8.139	5.29	35.7	0.0	647.6
6.00		1.00	0.70	6.129	6.742	202.07	0.650	*	0.000	2.00	8.080	5.25	35.4	0.0	643.8
8.00		1.00	0.70	6.129	6.742	200.58	1.200	*	0.000	2.00	8.021	9.63	64.9	0.0	640.1
10.00		1.00	0.70	6.129	6.742	199.09	1.200	*	0.000	2.00	7.962	9.55	64.4	0.0	636.3
12.00		1.00	0.70	6.129	6.742	197.61	1.200	*	0.000	2.00	7.903	9.48	63.9	0.0	632.5
14.00		1.00	0.70	6.129	6.742	196.12	1.200	*	0.000	2.00	7.843	9.41	63.5	0.0	628.7
16.00		1.00	0.70	6.129	6.742	194.64	1.200	*	0.000	2.00	7.784	9.34	63.0	0.0	625.0
18.00		1.00	0.70	6.129	6.742	193.15	1.200	*	0.000	2.00	7.725	9.27	62.5	0.0	621.2
20.00		1.00	0.70	6.129	6.742	191.66	1.200	*	0.000	2.00	7.666	9.20	62.0	0.0	617.4
22.00		1.00	0.70	6.129	6.742	190.18	1.200	*	0.000	2.00	7.607	9.13	61.5	0.0	613.6
24.00		1.00	0.70	6.129	6.742	188.69	1.200	*	0.000	2.00	7.547	9.06	61.1	0.0	609.8
26.00		1.00	0.70	6.129	6.742	187.21	1.200	*	0.000	2.00	7.488	8.99	60.6	0.0	606.1
28.00		1.00	0.70	6.129	6.742	185.72	1.200	*	0.000	2.00	7.429	8.91	60.1	0.0	602.3
28.50	Bot - Section 2	1.00	0.70	6.129	6.742	185.35	1.200	*	0.000	0.50	1.848	2.22	15.0	0.0	150.0
30.00		1.00	0.70	6.134	6.747	184.31	1.200	*	0.000	1.50	5.649	6.78	45.7	0.0	805.0
32.00		1.00	0.71	6.248	6.873	184.52	1.200	*	0.000	2.00	7.480	8.98	61.7	0.0	1,066.7
34.00		1.00	0.72	6.357	6.993	184.61	1.200	*	0.000	2.00	7.421	8.90	62.3	0.0	1,059.1
35.00	Top - Section 1	1.00	0.73	6.410	7.051	184.62	1.200	*	0.000	1.00	3.688	4.43	31.2	0.0	526.7
36.00		1.00	0.73	6.462	7.108	188.96	1.200	*	0.000	1.00	3.673	4.41	31.3	0.0	298.5
38.00		1.00	0.75	6.562	7.219	188.89	1.200	*	0.000	2.00	7.302	8.76	63.3	0.0	594.2
40.00		1.00	0.76	6.659	7.325	188.73	1.200	*	0.000	2.00	7.243	8.69	63.7	0.0	590.4
42.00		1.00	0.77	6.753	7.428	188.49	1.200	*	0.000	2.00	7.184	8.62	64.0	0.0	586.6
44.00		1.00	0.78	6.843	7.527	188.17	1.200	*	0.000	2.00	7.125	8.55	64.4	0.0	582.9
46.00		1.00	0.79	6.931	7.624	187.79	1.200	*	0.000	2.00	7.065	8.48	64.6	0.0	579.1
48.00		1.00	0.80	7.015	7.717	187.35	1.200	*	0.000	2.00	7.006	8.41	64.9	0.0	575.3
50.00	Appertunance(s)	1.00	0.81	7.098	7.807	186.84	1.200	*	0.000	2.00	6.947	8.34	65.1	0.0	571.5
52.00		1.00	0.82	7.178	7.895	186.29	1.200	*	0.000	2.00	6.888	8.27	65.3	0.0	567.7
54.00		1.00	0.82	7.255	7.981	185.68	1.200	*	0.000	2.00	6.829	8.19	65.4	0.0	564.0
56.00		1.00	0.83	7.331	8.064	185.02	1.200	*	0.000	2.00	6.769	8.12	65.5	0.0	560.2
58.00	Bot - Section 3	1.00	0.84	7.405	8.146	184.31	1.200	*	0.000	2.00	6.710	8.05	65.6	0.0	556.4
60.00		1.00	0.85	7.477	8.225	183.57	1.200	*	0.000	2.00	6.778	8.13	66.9	0.0	874.0
62.00		1.00	0.86	7.548	8.302	182.78	1.200	*	0.000	2.00	6.719	8.06	66.9	0.0	867.4
63.50	Top - Section 2	1.00	0.86	7.599	8.359	182.16	1.200	*	0.000	1.50	5.000	6.00	50.2	0.0	646.2
64.00		1.00	0.87	7.616	8.378	185.51	1.200	*	0.000	0.50	1.659	1.99	16.7	0.0	112.1
66.00		1.00	0.87	7.684	8.452	184.66	1.200	*	0.000	2.00	6.600	7.92	66.9	0.0	446.5
68.00		1.00	0.88	7.749	8.524	183.78	1.200	*	0.000	2.00	6.541	7.85	66.9	0.0	443.6
70.00		1.00	0.89	7.814	8.595	182.86	1.200	*	0.000	2.00	6.482	7.78	66.9	0.0	440.8
72.00		1.00	0.90	7.877	8.665	181.92	1.200	*	0.000	2.00	6.423	7.71	66.8	0.0	438.0
74.00		1.00	0.90	7.939	8.733	180.94	1.200	*	0.000	2.00	6.363	7.64	66.7	0.0	435.1
76.00		1.00	0.91	8.000	8.800	179.93	1.200	*	0.000	2.00	6.304	7.57	66.6	0.0	432.3
78.00		1.00	0.92	8.059	8.865	178.90	1.200	*	0.000	2.00	6.245	7.49	66.4	0.0	429.5
80.00		1.00	0.92	8.118	8.930	177.83	1.200	*	0.000	2.00	6.186	7.42	66.3	0.0	426.6
82.00		1.00	0.93	8.175	8.993	176.75	1.200	*	0.000	2.00	6.127	7.35	66.1	0.0	423.8
84.00		1.00	0.94	8.232	9.055	175.63	1.200	*	0.000	2.00	6.067	7.28	65.9	0.0	421.0
86.00		1.00	0.94	8.287	9.116	174.50	1.200	*	0.000	2.00	6.008	7.21	65.7	0.0	418.1
88.00	Bot - Section 4	1.00	0.95	8.342	9.176	173.34	1.200	*	0.000	2.00	5.949	7.14	65.5	0.0	415.3
90.00		1.00	0.95	8.396	9.235	172.15	1.200	*	0.000	2.00	5.996	7.19	66.4	0.0	649.5
92.00		1.00	0.96	8.448	9.293	170.95	1.200	*	0.000	2.00	5.936	7.12	66.2	0.0	644.3
93.00	Top - Section 3	1.00	0.96	8.475	9.322	170.34	1.200	*	0.000	1.00	2.946	3.54	33.0	0.0	320.2

Pole :	302535
Location :	Milford CT 2, CT
Height :	183.0 (ft)
Shape :	18 Sides
Base Dia :	48.62 (in)
Top Dia :	19.86 (in)
Taper :	0.174917 (in/ft)

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

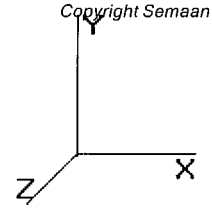


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

94.00		1.00	0.97	8.501	9.351	172.85	1.200 *	0.000	1.00	2.931	3.52	32.9	0.0	182.7
96.00		1.00	0.97	8.552	9.407	171.62	1.200 *	0.000	2.00	5.818	6.98	65.7	0.0	363.5
98.00		1.00	0.98	8.602	9.463	170.36	1.200 *	0.000	2.00	5.759	6.91	65.4	0.0	361.2
100.0		1.00	0.98	8.652	9.517	169.09	1.200 *	0.000	2.00	5.700	6.84	65.1	0.0	358.8
102.0		1.00	0.99	8.701	9.571	167.80	1.200 *	0.000	2.00	5.640	6.77	64.8	0.0	356.5
104.0		1.00	0.99	8.750	9.625	166.49	1.200 *	0.000	2.00	5.581	6.70	64.5	0.0	354.1
105.0	Reinf. Top	1.00	1.00	8.774	9.651	165.83	1.200 *	0.000	1.00	2.768	3.32	32.1	0.0	176.2
106.0		1.00	1.00	8.797	9.677	165.16	1.200 *	0.000	1.00	2.754	3.30	32.0	0.0	108.8
108.0		1.00	1.01	8.845	9.729	163.82	1.200 *	0.000	2.00	5.463	6.56	63.8	0.0	215.8
110.0		1.00	1.01	8.891	9.780	162.46	1.200 *	0.000	2.00	5.404	6.48	63.4	0.0	213.4
112.0		1.00	1.02	8.937	9.831	161.08	0.650 *	0.000	2.00	5.344	3.47	34.1	0.0	211.0
114.0		1.00	1.02	8.982	9.880	159.69	0.650 *	0.000	2.00	5.285	3.44	33.9	0.0	208.7
116.0		1.00	1.03	9.027	9.930	158.29	0.650 *	0.000	2.00	5.226	3.40	33.7	0.0	206.3
116.5	Bot - Section 5	1.00	1.03	9.038	9.942	157.93	0.650 *	0.000	0.50	1.297	0.84	8.4	0.0	51.2
118.0		1.00	1.03	9.071	9.978	156.87	0.650 *	0.000	1.50	3.933	2.56	25.5	0.0	277.2
120.0		1.00	1.04	9.115	10.02	155.43	1.200 *	0.000	2.00	5.192	6.23	62.5	0.0	365.9
121.0	Top - Section 4	1.00	1.04	9.136	10.05	154.71	1.200 *	0.000	1.00	2.574	3.09	31.0	0.0	181.4
122.0		1.00	1.04	9.158	10.07	156.58	1.200 *	0.000	1.00	2.559	3.07	30.9	0.0	81.0
124.0		1.00	1.05	9.201	10.12	155.12	1.200 *	0.000	2.00	5.074	6.09	61.6	0.0	160.5
126.0	Appertunance(s)	1.00	1.05	9.243	10.16	153.65	1.200 *	0.000	2.00	5.015	6.02	61.2	0.0	158.7
128.0		1.00	1.06	9.284	10.21	152.17	1.200 *	0.000	2.00	4.955	5.95	60.7	0.0	156.8
130.0		1.00	1.06	9.326	10.25	150.67	1.200 *	0.000	2.00	4.896	5.88	60.3	0.0	154.9
132.0		1.00	1.07	9.366	10.30	149.16	1.200 *	0.000	2.00	4.837	5.80	59.8	0.0	153.0
134.0		1.00	1.07	9.407	10.34	147.64	1.200 *	0.000	2.00	4.778	5.73	59.3	0.0	151.1
136.0		1.00	1.07	9.447	10.39	146.11	1.200 *	0.000	2.00	4.719	5.66	58.8	0.0	149.2
138.0		1.00	1.08	9.486	10.43	144.57	1.200 *	0.000	2.00	4.659	5.59	58.3	0.0	147.3
139.0	Appertunance(s)	1.00	1.08	9.506	10.45	143.79	1.200 *	0.000	1.00	2.307	2.77	29.0	0.0	73.0
140.0		1.00	1.08	9.525	10.47	143.01	1.200 *	0.000	1.00	2.293	2.75	28.8	0.0	72.5
142.0		1.00	1.09	9.564	10.52	141.45	1.200 *	0.000	2.00	4.541	5.45	57.3	0.0	143.5
144.0		1.00	1.09	9.602	10.56	139.87	1.200 *	0.000	2.00	4.482	5.38	56.8	0.0	141.7
145.0	Appertunance(s)	1.00	1.09	9.621	10.58	139.08	1.200 *	0.000	1.00	2.219	2.66	28.2	0.0	70.1
146.0		1.00	1.10	9.640	10.60	138.28	0.650 *	0.000	1.00	2.204	1.43	15.2	0.0	69.6
148.0		1.00	1.10	9.678	10.64	136.68	0.650 *	0.000	2.00	4.363	2.84	30.2	0.0	137.9
149.0	Bot - Section 6	1.00	1.10	9.696	10.66	135.88	0.650 *	0.000	1.00	2.159	1.40	15.0	0.0	68.2
150.0		1.00	1.11	9.715	10.68	135.07	0.650 *	0.000	1.00	2.176	1.41	15.1	0.0	119.5
152.0		1.00	1.11	9.752	10.72	133.46	0.650 *	0.000	2.00	4.308	2.80	30.0	0.0	236.4
152.5	Top - Section 5	1.00	1.11	9.761	10.73	133.05	0.650 *	0.000	0.50	1.068	0.69	7.5	0.0	58.6
154.0		1.00	1.11	9.788	10.76	133.84	0.650 *	0.000	1.50	3.181	2.07	22.3	0.0	75.6
156.0		1.00	1.12	9.824	10.80	132.21	0.650 *	0.000	2.00	4.190	2.72	29.4	0.0	99.5
158.0		1.00	1.12	9.860	10.84	130.56	0.650 *	0.000	2.00	4.131	2.68	29.1	0.0	98.1
160.0		1.00	1.13	9.896	10.88	128.91	0.650 *	0.000	2.00	4.072	2.65	28.8	0.0	96.7
162.0		1.00	1.13	9.931	10.92	127.25	0.650 *	0.000	2.00	4.012	2.61	28.5	0.0	95.3
164.0		1.00	1.13	9.966	10.96	125.57	0.650 *	0.000	2.00	3.953	2.57	28.2	0.0	93.8
166.0		1.00	1.14	10.000	11.00	123.89	0.650 *	0.000	2.00	3.894	2.53	27.8	0.0	92.4
167.0	Appertunance(s)	1.00	1.14	10.017	11.01	123.05	0.650 *	0.000	1.00	1.925	1.25	13.8	0.0	45.7
168.0		1.00	1.14	10.035	11.03	122.20	0.650 *	0.000	1.00	1.910	1.24	13.7	0.0	45.3
170.0		1.00	1.15	10.069	11.07	120.51	0.650 *	0.000	2.00	3.775	2.45	27.2	0.0	89.6
172.0		1.00	1.15	10.102	11.11	118.80	0.650 *	0.000	2.00	3.716	2.42	26.8	0.0	88.2
174.0		1.00	1.15	10.136	11.14	117.09	0.650 *	0.000	2.00	3.657	2.38	26.5	0.0	86.8
175.0	Appertunance(s)	1.00	1.16	10.152	11.16	116.22	0.650 *	0.000	1.00	1.806	1.17	13.1	0.0	42.8
176.0		1.00	1.16	10.169	11.18	115.36	0.650 *	0.000	1.00	1.792	1.16	13.0	0.0	42.5
178.0		1.00	1.16	10.202	11.22	113.63	0.650 *	0.000	2.00	3.539	2.30	25.8	0.0	83.9
180.0		1.00	1.16	10.234	11.25	111.89	0.650 *	0.000	2.00	3.479	2.26	25.5	0.0	82.5
182.0		1.00	1.17	10.267	11.29	110.15	0.650 *	0.000	2.00	3.420	2.22	25.1	0.0	81.1
183.0	Appertunance(s)	1.00	1.17	10.283	11.31	109.27	0.650 *	0.000	1.00	1.688	1.10	12.4	0.0	40.0
						Totals:			183.00			4,936.2	0.0	36,370.2

* = Cf Adjusted By Linear Load Ra Effect

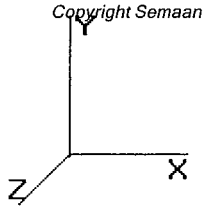


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Discrete Appurtenance Segment Forces (Factored)

Elev (ft)	Description	Qty	qz (psf)	qzGh (psf)	CaAa Factor	Ka	Total CaAa (sf)	Horiz Ecc (ft)	Vert Ecc (ft)	Wind FX (lb)	Mom Y (lb-ft)	Mom Z (lb-ft)	Dead Load (lb)
50.00	E911 Thales tve 8100	2	7.098	7.807	0.80	0.80	1.60	0.000	0.000	12.49	0.00	0.00	14.00
126.0	RFS FD9R6004/1C-3L	6	9.243	10.167	0.54	0.80	1.19	0.000	0.000	12.10	0.00	0.00	18.60
126.0	Platform with Handra	1	9.243	10.167	1.00	1.00	27.20	0.000	0.000	276.54	0.00	0.00	2,000.00
126.0	Decibel DB846H80E-	2	9.243	10.167	0.73	0.80	8.55	0.000	0.000	86.89	0.00	0.00	32.00
126.0	Decibel	4	9.243	10.167	0.74	0.80	20.70	0.000	0.000	210.42	0.00	0.00	84.00
126.0	Rymsa MG D3-800	3	9.243	10.167	0.65	0.80	6.71	0.000	0.000	68.19	0.00	0.00	49.20
126.0	Powerwave P65-16-	1	9.243	10.167	0.60	0.80	5.09	0.000	0.000	51.76	0.00	0.00	44.00
126.0	Andrew LNX-6514DS-	2	9.243	10.167	0.66	0.80	10.93	0.000	0.000	111.12	0.00	0.00	66.20
139.0	T-Arms	3	9.506	10.456	0.56	0.75	11.81	0.000	0.000	123.52	0.00	0.00	750.00
139.0	DA58-32	1	9.506	10.456	1.00	1.00	11.37	0.000	0.000	118.89	0.00	0.00	100.00
139.0	Terrawave RMFLT-2-	1	9.506	10.456	0.80	0.80	0.10	0.000	0.000	1.00	0.00	0.00	2.90
139.0	Proxim 5054-R-LR	1	9.506	10.456	0.80	0.80	1.24	0.000	0.000	12.92	0.00	0.00	28.66
139.0	Motorola PTP 54600 O	1	9.506	10.456	0.80	0.80	1.63	0.000	0.000	17.06	0.00	0.00	12.10
139.0	MA-WC50-5X	2	9.506	10.456	0.68	0.80	0.87	0.000	0.000	9.10	0.00	0.00	22.00
145.0	Flush Mounts	1	9.621	10.583	1.00	1.00	3.50	0.000	0.000	37.04	0.00	0.00	200.00
145.0	RFS APX16DWV-	3	9.621	10.583	0.50	0.80	10.74	0.000	0.000	113.70	0.00	0.00	123.00
145.0	Andrew	3	9.621	10.583	0.40	0.80	0.91	0.000	0.000	9.65	0.00	0.00	33.00
145.0	Andrew	3	9.621	10.583	0.40	0.80	0.56	0.000	0.000	5.97	0.00	0.00	33.00
167.0	Kathrein 800 10764	1	10.017	11.019	0.80	0.80	5.06	0.000	0.000	55.80	0.00	0.00	40.80
167.0	Raycap DC6-48-60-18-	1	10.017	11.019	0.80	0.80	1.18	0.000	0.000	12.96	0.00	0.00	31.80
167.0	Ericsson RRUS 11	6	10.017	11.019	0.57	0.80	10.19	0.000	0.000	112.28	0.00	0.00	300.00
167.0	KMW AM-X-CD-14-65-	2	10.017	11.019	0.61	0.80	6.69	0.000	0.000	73.70	0.00	0.00	72.80
167.0	Platform with Handra	1	10.017	11.019	1.00	1.00	27.20	0.000	0.000	299.72	0.00	0.00	2,000.00
167.0	Powerwave LGP21401	6	10.017	11.019	0.40	0.80	3.10	0.000	0.000	34.12	0.00	0.00	84.60
167.0	Allgon 7770.00	6	10.017	11.019	0.62	0.80	22.01	0.000	0.000	242.58	0.00	0.00	210.00
167.0	LGP Allgon LGP21903	6	10.017	11.019	0.40	0.80	0.65	0.000	0.000	7.14	0.00	0.00	33.00
175.0	RFS APXV18-206517S-	3	10.152	11.168	0.60	0.80	9.29	0.000	0.000	103.72	0.00	0.00	79.20
183.0	GPS	1	10.315	11.346	1.00	1.00	1.00	0.000	2.000	11.35	0.00	22.69	10.00
183.0	48" x 8" Panel	1	10.315	11.346	0.62	0.80	4.07	0.000	2.000	46.23	0.00	92.47	30.00
183.0	DB844G65VTZASX	3	10.315	11.346	0.67	0.80	11.87	0.000	2.000	134.73	0.00	269.46	48.00
183.0	Platform with Handra	1	10.283	11.311	1.00	1.00	27.20	0.000	0.000	307.66	0.00	0.00	2,000.00
183.0	Andrew DB844H90E-	6	10.315	11.346	0.73	0.80	16.29	0.000	2.000	184.86	0.00	369.72	84.00
183.0	DragonWave Horizon C	2	10.315	11.346	0.80	0.80	0.69	0.000	2.000	7.81	0.00	15.61	21.20
183.0	Argus LLPX310R	3	10.315	11.346	0.60	0.80	8.69	0.000	2.000	98.64	0.00	197.29	85.80
183.0	NextNet BTS-2500	3	10.315	11.346	0.40	0.80	2.54	0.000	2.000	28.86	0.00	57.73	105.00
183.0	DragonWave A-ANT-	2	10.315	11.346	1.00	1.00	9.38	0.000	2.000	106.43	0.00	212.86	54.20
										3,146.96			8,903.06



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

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

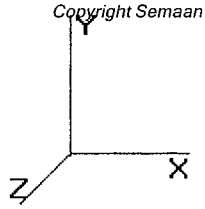
Linear Appurtenance Segment Forces (Factored)

Seg Top Elev (ft)	Description	Exposed To Wind	Length (ft)	Ca	Exposed Width (in)	Area (sqft)	CaAa (sqft)	qz (psf)	Ra	Cf Adjust Factor	F X (lb)	Dead Load (lb)
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.142	1.127	0.00	0.00
2.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.142	1.127	0.00	0.00
2.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	6.129	0.142	1.127	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.143	1.130	0.00	0.00
4.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.143	1.130	0.00	0.00
4.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	6.129	0.143	1.130	0.00	0.00
6.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.189	1.266	0.00	0.30
6.00	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	6.129	0.189	1.266	0.00	7.30
6.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.189	1.266	0.00	0.27
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	6.129	0.189	1.266	0.00	4.92
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.189	1.266	0.00	0.00
6.00	(2) #20 dywidag bars	Yes	2.00	0.000	2.50	0.42	0.00	6.129	0.189	1.266	0.00	0.00
6.00	(1) Brackets	Yes	2.00	0.000	2.00	0.33	0.00	6.129	0.189	1.266	0.00	0.00
6.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.129	0.189	1.266	0.00	4.92
8.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.234	0.000	0.00	0.60
8.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.234	0.000	3.21	14.60
8.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.234	0.000	0.00	0.54
8.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.234	0.000	2.56	9.84
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.234	0.000	3.37	0.00
8.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.234	0.000	3.37	0.00
8.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.234	0.000	2.70	0.00
8.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.234	0.000	0.00	9.84
10.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.236	0.000	0.00	0.60
10.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.236	0.000	3.21	14.60
10.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.236	0.000	0.00	0.54
10.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.236	0.000	2.56	9.84
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.236	0.000	3.37	0.00
10.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.236	0.000	3.37	0.00
10.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.236	0.000	2.70	0.00
10.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.236	0.000	0.00	9.84
12.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.238	0.000	0.00	0.60
12.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.238	0.000	3.21	14.60
12.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.238	0.000	0.00	0.54
12.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.238	0.000	2.56	9.84
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.238	0.000	3.37	0.00
12.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.238	0.000	3.37	0.00
12.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.238	0.000	2.70	0.00
12.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.238	0.000	0.00	9.84
14.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.240	0.000	0.00	0.60
14.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.240	0.000	3.21	14.60
14.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.240	0.000	0.00	0.54
14.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.240	0.000	2.56	9.84
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.240	0.000	3.37	0.00
14.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.240	0.000	3.37	0.00
14.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.240	0.000	2.70	0.00
14.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.240	0.000	0.00	9.84
16.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.242	0.000	0.00	0.60
16.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.242	0.000	3.21	14.60
16.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.242	0.000	0.00	0.54
16.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.242	0.000	2.56	9.84
16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.242	0.000	3.37	0.00

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

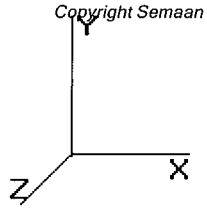


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

16.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.242	0.000	3.37	0.00
16.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.242	0.000	2.70	0.00
16.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.242	0.000	0.00	9.84
18.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.243	0.000	0.00	0.60
18.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.243	0.000	3.21	14.60
18.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.243	0.000	0.00	0.54
18.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.243	0.000	2.56	9.84
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.243	0.000	3.37	0.00
18.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.243	0.000	3.37	0.00
18.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.243	0.000	2.70	0.00
18.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.243	0.000	0.00	9.84
20.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.245	0.000	0.00	0.60
20.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.245	0.000	3.21	14.60
20.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.245	0.000	0.00	0.54
20.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.245	0.000	2.56	9.84
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.245	0.000	3.37	0.00
20.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.245	0.000	3.37	0.00
20.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.245	0.000	2.70	0.00
20.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.245	0.000	0.00	9.84
22.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.247	0.000	0.00	0.60
22.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.247	0.000	3.21	14.60
22.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.247	0.000	0.00	0.54
22.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.247	0.000	2.56	9.84
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.247	0.000	3.37	0.00
22.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.247	0.000	3.37	0.00
22.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.247	0.000	2.70	0.00
22.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.247	0.000	0.00	9.84
24.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.249	0.000	0.00	0.60
24.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.249	0.000	3.21	14.60
24.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.249	0.000	0.00	0.54
24.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.249	0.000	2.56	9.84
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.249	0.000	3.37	0.00
24.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.249	0.000	3.37	0.00
24.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.249	0.000	2.70	0.00
24.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.249	0.000	0.00	9.84
26.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.251	0.000	0.00	0.60
26.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.251	0.000	3.21	14.60
26.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.251	0.000	0.00	0.54
26.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.251	0.000	2.56	9.84
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.251	0.000	3.37	0.00
26.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.251	0.000	3.37	0.00
26.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.251	0.000	2.70	0.00
26.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.251	0.000	0.00	9.84
28.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.253	0.000	0.00	0.60
28.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.129	0.253	0.000	3.21	14.60
28.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.253	0.000	0.00	0.54
28.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.129	0.253	0.000	2.56	9.84
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.253	0.000	3.37	0.00
28.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.129	0.253	0.000	3.37	0.00
28.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.129	0.253	0.000	2.70	0.00
28.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.129	0.253	0.000	0.00	9.84
28.50	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.129	0.254	0.000	0.00	0.15
28.50	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	6.129	0.254	0.000	0.80	3.65
28.50	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.129	0.254	0.000	0.00	0.14
28.50	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	6.129	0.254	0.000	0.64	2.46
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	6.129	0.254	0.000	0.84	0.00
28.50	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	6.129	0.254	0.000	0.84	0.00



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

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

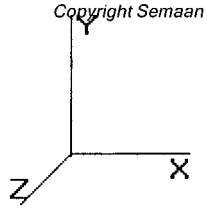
Wind Importance Factor : 1.00

28.50	(1) Brackets	Yes	0.50	1.200	2.00	0.08	0.10	6.129	0.254	0.000	0.67	0.00
28.50	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	6.129	0.254	0.000	0.00	2.46
30.00	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.134	0.255	0.000	0.00	0.45
30.00	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	6.134	0.255	0.000	2.41	10.95
30.00	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.134	0.255	0.000	0.00	0.41
30.00	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	6.134	0.255	0.000	1.92	7.38
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	6.134	0.255	0.000	2.53	0.00
30.00	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	6.134	0.255	0.000	2.53	0.00
30.00	(1) Brackets	Yes	1.50	1.200	2.00	0.25	0.30	6.134	0.255	0.000	2.02	0.00
30.00	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	6.134	0.255	0.000	0.00	7.38
32.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.248	0.257	0.000	0.00	0.60
32.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.248	0.257	0.000	3.27	14.60
32.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.248	0.257	0.000	0.00	0.54
32.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.248	0.257	0.000	2.61	9.84
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.248	0.257	0.000	3.44	0.00
32.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.248	0.257	0.000	3.44	0.00
32.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.248	0.257	0.000	2.75	0.00
32.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.248	0.257	0.000	0.00	9.84
34.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.357	0.259	0.000	0.00	0.60
34.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.357	0.259	0.000	3.33	14.60
34.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.357	0.259	0.000	0.00	0.54
34.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.357	0.259	0.000	2.66	9.84
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.357	0.259	0.000	3.50	0.00
34.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.357	0.259	0.000	3.50	0.00
34.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.357	0.259	0.000	2.80	0.00
34.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.357	0.259	0.000	0.00	9.84
35.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.261	0.000	0.00	0.30
35.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	6.410	0.261	0.000	1.68	7.30
35.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.261	0.000	0.00	0.27
35.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	6.410	0.261	0.000	1.34	4.92
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.410	0.261	0.000	1.76	0.00
35.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.410	0.261	0.000	1.76	0.00
35.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	6.410	0.261	0.000	1.41	0.00
35.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.410	0.261	0.000	0.00	4.92
36.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.256	0.000	0.00	0.30
36.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	6.462	0.256	0.000	1.69	7.30
36.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.256	0.000	0.00	0.27
36.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	6.462	0.256	0.000	1.35	4.92
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.462	0.256	0.000	1.78	0.00
36.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	6.462	0.256	0.000	1.78	0.00
36.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	6.462	0.256	0.000	1.42	0.00
36.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	6.462	0.256	0.000	0.00	4.92
38.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.562	0.257	0.000	0.00	0.60
38.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.562	0.257	0.000	3.44	14.60
38.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.562	0.257	0.000	0.00	0.54
38.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.562	0.257	0.000	2.74	9.84
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.562	0.257	0.000	3.61	0.00
38.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.562	0.257	0.000	3.61	0.00
38.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.562	0.257	0.000	2.89	0.00
38.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.562	0.257	0.000	0.00	9.84
40.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.659	0.260	0.000	0.00	0.60
40.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.659	0.260	0.000	3.49	14.60
40.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.659	0.260	0.000	0.00	0.54
40.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.659	0.260	0.000	2.78	9.84
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.659	0.260	0.000	3.66	0.00
40.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.659	0.260	0.000	3.66	0.00
40.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.659	0.260	0.000	2.93	0.00

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

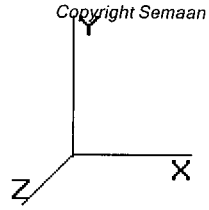


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

40.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.659	0.260	0.000	0.00	9.84
42.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.753	0.262	0.000	0.00	0.60
42.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.753	0.262	0.000	3.54	14.60
42.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.753	0.262	0.000	0.00	0.54
42.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.753	0.262	0.000	2.82	9.84
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.753	0.262	0.000	3.71	0.00
42.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.753	0.262	0.000	3.71	0.00
42.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.753	0.262	0.000	2.97	0.00
42.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.753	0.262	0.000	0.00	9.84
44.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.843	0.264	0.000	0.00	0.60
44.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.843	0.264	0.000	3.58	14.60
44.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.843	0.264	0.000	0.00	0.54
44.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.843	0.264	0.000	2.86	9.84
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.843	0.264	0.000	3.76	0.00
44.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.843	0.264	0.000	3.76	0.00
44.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.843	0.264	0.000	3.01	0.00
44.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.843	0.264	0.000	0.00	9.84
46.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.931	0.266	0.000	0.00	0.60
46.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	6.931	0.266	0.000	3.63	14.60
46.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.931	0.266	0.000	0.00	0.54
46.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	6.931	0.266	0.000	2.90	9.84
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.931	0.266	0.000	3.81	0.00
46.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	6.931	0.266	0.000	3.81	0.00
46.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	6.931	0.266	0.000	3.05	0.00
46.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	6.931	0.266	0.000	0.00	9.84
48.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.268	0.000	0.00	0.60
48.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.015	0.268	0.000	3.67	14.60
48.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.268	0.000	0.00	0.54
48.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.015	0.268	0.000	2.93	9.84
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.015	0.268	0.000	3.86	0.00
48.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.015	0.268	0.000	3.86	0.00
48.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.015	0.268	0.000	3.09	0.00
48.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.015	0.268	0.000	0.00	9.84
50.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.098	0.271	0.000	0.00	0.60
50.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.098	0.271	0.000	3.72	14.60
50.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.098	0.271	0.000	0.00	0.54
50.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.098	0.271	0.000	2.97	9.84
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.098	0.271	0.000	3.90	0.00
50.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.098	0.271	0.000	3.90	0.00
50.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.098	0.271	0.000	3.12	0.00
50.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.098	0.271	0.000	0.00	9.84
52.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.178	0.273	0.000	0.00	0.60
52.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.178	0.273	0.000	3.76	14.60
52.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.178	0.273	0.000	0.00	0.54
52.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.178	0.273	0.000	3.00	9.84
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.178	0.273	0.000	3.95	0.00
52.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.178	0.273	0.000	3.95	0.00
52.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.178	0.273	0.000	3.16	0.00
52.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.178	0.273	0.000	0.00	9.84
54.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.255	0.275	0.000	0.00	0.60
54.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.255	0.275	0.000	3.80	14.60
54.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.255	0.275	0.000	0.00	0.54
54.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.255	0.275	0.000	3.03	9.84
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.255	0.275	0.000	3.99	0.00
54.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.255	0.275	0.000	3.99	0.00
54.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.255	0.275	0.000	3.19	0.00
54.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.255	0.275	0.000	0.00	9.84



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

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

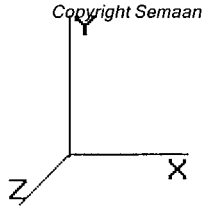
Wind Importance Factor : 1.00

56.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.331	0.278	0.000	0.00	0.60
56.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.331	0.278	0.000	3.84	14.60
56.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.331	0.278	0.000	0.00	0.54
56.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.331	0.278	0.000	3.06	9.84
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.331	0.278	0.000	4.03	0.00
56.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.331	0.278	0.000	4.03	0.00
56.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.331	0.278	0.000	3.23	0.00
56.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.331	0.278	0.000	0.00	9.84
58.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.405	0.280	0.000	0.00	0.60
58.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.405	0.280	0.000	3.88	14.60
58.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.405	0.280	0.000	0.00	0.54
58.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.405	0.280	0.000	3.10	9.84
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.405	0.280	0.000	4.07	0.00
58.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.405	0.280	0.000	4.07	0.00
58.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.405	0.280	0.000	3.26	0.00
58.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.405	0.280	0.000	0.00	9.84
60.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.477	0.283	0.000	0.00	0.60
60.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.477	0.283	0.000	3.92	14.60
60.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.477	0.283	0.000	0.00	0.54
60.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.477	0.283	0.000	3.13	9.84
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.477	0.283	0.000	4.11	0.00
60.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.477	0.283	0.000	4.11	0.00
60.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.477	0.283	0.000	3.29	0.00
60.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.477	0.283	0.000	0.00	9.84
62.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.548	0.285	0.000	0.00	0.60
62.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.548	0.285	0.000	3.95	14.60
62.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.548	0.285	0.000	0.00	0.54
62.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.548	0.285	0.000	3.15	9.84
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.548	0.285	0.000	4.15	0.00
62.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.548	0.285	0.000	4.15	0.00
62.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.548	0.285	0.000	3.32	0.00
62.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.548	0.285	0.000	0.00	9.84
63.50	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.599	0.287	0.000	0.00	0.45
63.50	(2) 2" Conduit	Yes	1.50	1.200	2.38	0.30	0.36	7.599	0.287	0.000	2.98	10.95
63.50	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.599	0.287	0.000	0.00	0.41
63.50	(6) 1 5/8" Coax	Yes	1.50	1.200	1.90	0.24	0.28	7.599	0.287	0.000	2.38	7.38
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	7.599	0.287	0.000	3.13	0.00
63.50	(2) #20 dywidag bars	Yes	1.50	1.200	2.50	0.31	0.38	7.599	0.287	0.000	3.13	0.00
63.50	(1) Brackets	Yes	1.50	1.200	2.00	0.25	0.30	7.599	0.287	0.000	2.51	0.00
63.50	(6) 1 5/8" Coax	Yes	1.50	0.000	0.00	0.00	0.00	7.599	0.287	0.000	0.00	7.38
64.00	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.616	0.283	0.000	0.00	0.15
64.00	(2) 2" Conduit	Yes	0.50	1.200	2.38	0.10	0.12	7.616	0.283	0.000	1.00	3.65
64.00	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.616	0.283	0.000	0.00	0.14
64.00	(6) 1 5/8" Coax	Yes	0.50	1.200	1.90	0.08	0.09	7.616	0.283	0.000	0.80	2.46
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	7.616	0.283	0.000	1.05	0.00
64.00	(2) #20 dywidag bars	Yes	0.50	1.200	2.50	0.10	0.13	7.616	0.283	0.000	1.05	0.00
64.00	(1) Brackets	Yes	0.50	1.200	2.00	0.08	0.10	7.616	0.283	0.000	0.84	0.00
64.00	(6) 1 5/8" Coax	Yes	0.50	0.000	0.00	0.00	0.00	7.616	0.283	0.000	0.00	2.46
66.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.684	0.285	0.000	0.00	0.60
66.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.684	0.285	0.000	4.02	14.60
66.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.684	0.285	0.000	0.00	0.54
66.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.684	0.285	0.000	3.21	9.84
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.684	0.285	0.000	4.23	0.00
66.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.684	0.285	0.000	4.23	0.00
66.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.684	0.285	0.000	3.38	0.00
66.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.684	0.285	0.000	0.00	9.84
68.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.749	0.287	0.000	0.00	0.60

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

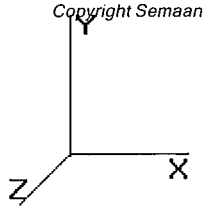


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

68.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.749	0.287	0.000	4.06	14.60
68.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.749	0.287	0.000	0.00	0.54
68.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.749	0.287	0.000	3.24	9.84
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.749	0.287	0.000	4.26	0.00
68.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.749	0.287	0.000	4.26	0.00
68.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.749	0.287	0.000	3.41	0.00
68.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.749	0.287	0.000	0.00	9.84
70.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.814	0.290	0.000	0.00	0.60
70.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.814	0.290	0.000	4.09	14.60
70.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.814	0.290	0.000	0.00	0.54
70.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.814	0.290	0.000	3.27	9.84
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.814	0.290	0.000	4.30	0.00
70.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.814	0.290	0.000	4.30	0.00
70.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.814	0.290	0.000	3.44	0.00
70.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.814	0.290	0.000	0.00	9.84
72.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.877	0.293	0.000	0.00	0.60
72.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.877	0.293	0.000	4.12	14.60
72.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.877	0.293	0.000	0.00	0.54
72.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.877	0.293	0.000	3.29	9.84
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.877	0.293	0.000	4.33	0.00
72.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.877	0.293	0.000	4.33	0.00
72.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.877	0.293	0.000	3.47	0.00
72.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.877	0.293	0.000	0.00	9.84
74.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.939	0.295	0.000	0.00	0.60
74.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	7.939	0.295	0.000	4.16	14.60
74.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.939	0.295	0.000	0.00	0.54
74.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	7.939	0.295	0.000	3.32	9.84
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.939	0.295	0.000	4.37	0.00
74.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	7.939	0.295	0.000	4.37	0.00
74.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	7.939	0.295	0.000	3.49	0.00
74.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	7.939	0.295	0.000	0.00	9.84
76.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.000	0.298	0.000	0.00	0.60
76.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.000	0.298	0.000	4.19	14.60
76.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.000	0.298	0.000	0.00	0.54
76.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.000	0.298	0.000	3.34	9.84
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.000	0.298	0.000	4.40	0.00
76.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.000	0.298	0.000	4.40	0.00
76.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.000	0.298	0.000	3.52	0.00
76.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.000	0.298	0.000	0.00	9.84
78.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.059	0.301	0.000	0.00	0.60
78.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.059	0.301	0.000	4.22	14.60
78.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.059	0.301	0.000	0.00	0.54
78.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.059	0.301	0.000	3.37	9.84
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.059	0.301	0.000	4.43	0.00
78.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.059	0.301	0.000	4.43	0.00
78.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.059	0.301	0.000	3.55	0.00
78.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.059	0.301	0.000	0.00	9.84
80.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.118	0.304	0.000	0.00	0.60
80.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.118	0.304	0.000	4.25	14.60
80.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.118	0.304	0.000	0.00	0.54
80.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.118	0.304	0.000	3.39	9.84
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.118	0.304	0.000	4.46	0.00
80.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.118	0.304	0.000	4.46	0.00
80.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.118	0.304	0.000	3.57	0.00
80.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.118	0.304	0.000	0.00	9.84
82.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.175	0.307	0.000	0.00	0.60
82.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.175	0.307	0.000	4.28	14.60



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

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

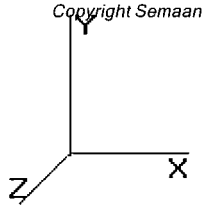
Wind Importance Factor : 1.00

82.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.175	0.307	0.000	0.00	0.54
82.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.175	0.307	0.000	3.42	9.84
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.175	0.307	0.000	4.50	0.00
82.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.175	0.307	0.000	4.50	0.00
82.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.175	0.307	0.000	3.60	0.00
82.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.175	0.307	0.000	0.00	9.84
84.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.232	0.310	0.000	0.00	0.60
84.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.232	0.310	0.000	4.31	14.60
84.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.232	0.310	0.000	0.00	0.54
84.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.232	0.310	0.000	3.44	9.84
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.232	0.310	0.000	4.53	0.00
84.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.232	0.310	0.000	4.53	0.00
84.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.232	0.310	0.000	3.62	0.00
84.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.232	0.310	0.000	0.00	9.84
86.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.287	0.313	0.000	0.00	0.60
86.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.287	0.313	0.000	4.34	14.60
86.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.287	0.313	0.000	0.00	0.54
86.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.287	0.313	0.000	3.46	9.84
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.287	0.313	0.000	4.56	0.00
86.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.287	0.313	0.000	4.56	0.00
86.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.287	0.313	0.000	3.65	0.00
86.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.287	0.313	0.000	0.00	9.84
88.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.342	0.316	0.000	0.00	0.60
88.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.342	0.316	0.000	4.37	14.60
88.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.342	0.316	0.000	0.00	0.54
88.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.342	0.316	0.000	3.49	9.84
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.342	0.316	0.000	4.59	0.00
88.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.342	0.316	0.000	4.59	0.00
88.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.342	0.316	0.000	3.67	0.00
88.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.342	0.316	0.000	0.00	9.84
90.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.396	0.319	0.000	0.00	0.60
90.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.396	0.319	0.000	4.40	14.60
90.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.396	0.319	0.000	0.00	0.54
90.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.396	0.319	0.000	3.51	9.84
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.396	0.319	0.000	4.62	0.00
90.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.396	0.319	0.000	4.62	0.00
90.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.396	0.319	0.000	3.69	0.00
90.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.396	0.319	0.000	0.00	9.84
92.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.448	0.322	0.000	0.00	0.60
92.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.448	0.322	0.000	4.42	14.60
92.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.448	0.322	0.000	0.00	0.54
92.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.448	0.322	0.000	3.53	9.84
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.448	0.322	0.000	4.65	0.00
92.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.448	0.322	0.000	4.65	0.00
92.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.448	0.322	0.000	3.72	0.00
92.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.448	0.322	0.000	0.00	9.84
93.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.325	0.000	0.00	0.30
93.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.475	0.325	0.000	2.22	7.30
93.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.325	0.000	0.00	0.27
93.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.475	0.325	0.000	1.77	4.92
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.475	0.325	0.000	2.33	0.00
93.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.475	0.325	0.000	2.33	0.00
93.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	8.475	0.325	0.000	1.86	0.00
93.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.475	0.325	0.000	0.00	4.92
94.00	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.321	0.000	0.00	0.30
94.00	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.501	0.321	0.000	2.23	7.30
94.00	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.321	0.000	0.00	0.27

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

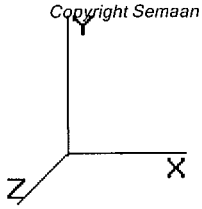
Wind Importance Factor : 1.00

94.00	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.501	0.321	0.000	1.78	4.92
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.501	0.321	0.000	2.34	0.00
94.00	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.501	0.321	0.000	2.34	0.00
94.00	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	8.501	0.321	0.000	1.87	0.00
94.00	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.501	0.321	0.000	0.00	4.92
96.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.552	0.323	0.000	0.00	0.60
96.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.552	0.323	0.000	4.48	14.60
96.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.552	0.323	0.000	0.00	0.54
96.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.552	0.323	0.000	3.57	9.84
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.552	0.323	0.000	4.70	0.00
96.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.552	0.323	0.000	4.70	0.00
96.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.552	0.323	0.000	3.76	0.00
96.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.552	0.323	0.000	0.00	9.84
98.00	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.602	0.326	0.000	0.00	0.60
98.00	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.602	0.326	0.000	4.50	14.60
98.00	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.602	0.326	0.000	0.00	0.54
98.00	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.602	0.326	0.000	3.60	9.84
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.602	0.326	0.000	4.73	0.00
98.00	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.602	0.326	0.000	4.73	0.00
98.00	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.602	0.326	0.000	3.79	0.00
98.00	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.602	0.326	0.000	0.00	9.84
100.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.330	0.000	0.00	0.60
100.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.652	0.330	0.000	4.53	14.60
100.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.330	0.000	0.00	0.54
100.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.652	0.330	0.000	3.62	9.84
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.652	0.330	0.000	4.76	0.00
100.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.652	0.330	0.000	4.76	0.00
100.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.652	0.330	0.000	3.81	0.00
100.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.652	0.330	0.000	0.00	9.84
102.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.701	0.333	0.000	0.00	0.60
102.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.701	0.333	0.000	4.56	14.60
102.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.701	0.333	0.000	0.00	0.54
102.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.701	0.333	0.000	3.64	9.84
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.701	0.333	0.000	4.79	0.00
102.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.701	0.333	0.000	4.79	0.00
102.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.701	0.333	0.000	3.83	0.00
102.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.701	0.333	0.000	0.00	9.84
104.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.750	0.337	0.000	0.00	0.60
104.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.750	0.337	0.000	4.58	14.60
104.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.750	0.337	0.000	0.00	0.54
104.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.750	0.337	0.000	3.66	9.84
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.750	0.337	0.000	4.81	0.00
104.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.750	0.337	0.000	4.81	0.00
104.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.750	0.337	0.000	3.85	0.00
104.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.750	0.337	0.000	0.00	9.84
105.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.340	0.000	0.00	0.30
105.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.774	0.340	0.000	2.30	7.30
105.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.340	0.000	0.00	0.27
105.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.774	0.340	0.000	1.83	4.92
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.774	0.340	0.000	2.41	0.00
105.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.774	0.340	0.000	2.41	0.00
105.0	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	8.774	0.340	0.000	1.93	0.00
105.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.774	0.340	0.000	0.00	4.92
106.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.341	0.000	0.00	0.30
106.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	8.797	0.341	0.000	2.30	7.30
106.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.341	0.000	0.00	0.27
106.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	8.797	0.341	0.000	1.84	4.92

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)

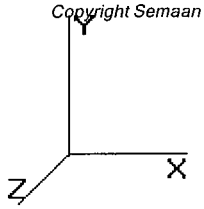


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.797	0.341	0.000	2.42	0.00
106.0	(2) #20 dywidag bars	Yes	1.00	1.200	2.50	0.21	0.25	8.797	0.341	0.000	2.42	0.00
106.0	(1) Brackets	Yes	1.00	1.200	2.00	0.17	0.20	8.797	0.341	0.000	1.94	0.00
106.0	(6) 1 5/8" Coax	Yes	1.00	0.000	0.00	0.00	0.00	8.797	0.341	0.000	0.00	4.92
108.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.845	0.344	0.000	0.00	0.60
108.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.845	0.344	0.000	4.63	14.60
108.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.845	0.344	0.000	0.00	0.54
108.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.845	0.344	0.000	3.70	9.84
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.845	0.344	0.000	4.86	0.00
108.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.845	0.344	0.000	4.86	0.00
108.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.845	0.344	0.000	3.89	0.00
108.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.845	0.344	0.000	0.00	9.84
110.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.891	0.348	0.000	0.00	0.60
110.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	8.891	0.348	0.000	4.66	14.60
110.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.891	0.348	0.000	0.00	0.54
110.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	8.891	0.348	0.000	3.72	9.84
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.891	0.348	0.000	4.89	0.00
110.0	(2) #20 dywidag bars	Yes	2.00	1.200	2.50	0.42	0.50	8.891	0.348	0.000	4.89	0.00
110.0	(1) Brackets	Yes	2.00	1.200	2.00	0.33	0.40	8.891	0.348	0.000	3.91	0.00
110.0	(6) 1 5/8" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.891	0.348	0.000	0.00	9.84
112.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.937	0.193	1.278	0.00	0.60
112.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	8.937	0.193	1.278	0.00	14.60
112.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.937	0.193	1.278	0.00	0.54
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.937	0.193	1.278	0.00	9.84
112.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.937	0.193	1.278	0.00	9.84
114.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.982	0.195	1.285	0.00	0.60
114.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	8.982	0.195	1.285	0.00	14.60
114.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	8.982	0.195	1.285	0.00	0.54
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.982	0.195	1.285	0.00	9.84
114.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	8.982	0.195	1.285	0.00	9.84
116.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.027	0.197	1.291	0.00	0.60
116.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.027	0.197	1.291	0.00	14.60
116.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.027	0.197	1.291	0.00	0.54
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.027	0.197	1.291	0.00	9.84
116.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.027	0.197	1.291	0.00	9.84
116.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.038	0.198	1.295	0.00	0.15
116.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	9.038	0.198	1.295	0.00	3.65
116.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.038	0.198	1.295	0.00	0.14
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	9.038	0.198	1.295	0.00	2.46
116.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	9.038	0.198	1.295	0.00	2.46
118.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.071	0.200	1.299	0.00	0.45
118.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	9.071	0.200	1.299	0.00	10.95
118.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.071	0.200	1.299	0.00	0.41
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	9.071	0.200	1.299	0.00	7.38
118.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	9.071	0.200	1.299	0.00	7.38
120.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.115	0.202	0.000	0.00	0.60
120.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.115	0.202	0.000	4.77	14.60
120.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.115	0.202	0.000	0.00	0.54
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.115	0.202	0.000	3.81	9.84
120.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.115	0.202	0.000	3.81	9.84
121.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.203	0.000	0.00	0.30
121.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.136	0.203	0.000	2.39	7.30
121.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.136	0.203	0.000	0.00	0.27
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.136	0.203	0.000	1.91	4.92
121.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.136	0.203	0.000	1.91	4.92
122.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.201	0.000	0.00	0.30
122.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.158	0.201	0.000	2.40	7.30

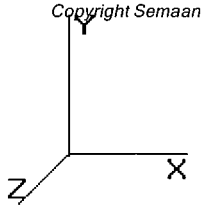


Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

122.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.158	0.201	0.000	0.00	0.27
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.158	0.201	0.000	1.91	4.92
122.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.158	0.201	0.000	1.91	4.92
124.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.201	0.203	0.000	0.00	0.60
124.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.201	0.203	0.000	4.82	14.60
124.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.201	0.203	0.000	0.00	0.54
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.201	0.203	0.000	3.85	9.84
124.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.201	0.203	0.000	3.85	9.84
126.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.243	0.205	0.000	0.00	0.60
126.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.243	0.205	0.000	4.84	14.60
126.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.243	0.205	0.000	0.00	0.54
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.243	0.205	0.000	3.86	9.84
126.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.243	0.205	0.000	3.86	9.84
128.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.284	0.208	0.000	0.00	0.60
128.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.284	0.208	0.000	4.86	14.60
128.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.284	0.208	0.000	0.00	0.54
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.284	0.208	0.000	3.88	9.84
128.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.284	0.208	0.000	3.88	9.84
130.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.326	0.210	0.000	0.00	0.60
130.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.326	0.210	0.000	4.88	14.60
130.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.326	0.210	0.000	0.00	0.54
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.326	0.210	0.000	3.90	9.84
130.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.326	0.210	0.000	3.90	9.84
132.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.366	0.213	0.000	0.00	0.60
132.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.366	0.213	0.000	4.90	14.60
132.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.366	0.213	0.000	0.00	0.54
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.366	0.213	0.000	3.92	9.84
132.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.366	0.213	0.000	3.92	9.84
134.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.407	0.216	0.000	0.00	0.60
134.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.407	0.216	0.000	4.93	14.60
134.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.407	0.216	0.000	0.00	0.54
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.407	0.216	0.000	3.93	9.84
134.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.407	0.216	0.000	3.93	9.84
136.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.447	0.218	0.000	0.00	0.60
136.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.447	0.218	0.000	4.95	14.60
136.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.447	0.218	0.000	0.00	0.54
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.447	0.218	0.000	3.95	9.84
136.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.447	0.218	0.000	3.95	9.84
138.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.486	0.221	0.000	0.00	0.60
138.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.486	0.221	0.000	4.97	14.60
138.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.486	0.221	0.000	0.00	0.54
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.486	0.221	0.000	3.97	9.84
138.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.486	0.221	0.000	3.97	9.84
139.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.506	0.223	0.000	0.00	0.30
139.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.506	0.223	0.000	2.49	7.30
139.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.506	0.223	0.000	0.00	0.27
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.506	0.223	0.000	1.99	4.92
139.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.506	0.223	0.000	1.99	4.92
140.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.525	0.225	0.000	0.00	0.30
140.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.525	0.225	0.000	2.49	7.30
140.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.525	0.225	0.000	0.00	0.27
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.525	0.225	0.000	1.99	4.92
140.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.525	0.225	0.000	1.99	4.92
142.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.564	0.227	0.000	0.00	0.60
142.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.564	0.227	0.000	5.01	14.60
142.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.564	0.227	0.000	0.00	0.54
142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.564	0.227	0.000	4.00	9.84



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

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

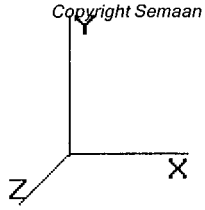
Wind Importance Factor : 1.00

142.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.564	0.227	0.000	4.00	9.84
144.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.602	0.230	0.000	0.00	0.60
144.0	(2) 2" Conduit	Yes	2.00	1.200	2.38	0.40	0.48	9.602	0.230	0.000	5.03	14.60
144.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.602	0.230	0.000	0.00	0.54
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.602	0.230	0.000	4.01	9.84
144.0	(6) 1 5/8" Coax	Yes	2.00	1.200	1.90	0.32	0.38	9.602	0.230	0.000	4.01	9.84
145.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.621	0.232	0.000	0.00	0.30
145.0	(2) 2" Conduit	Yes	1.00	1.200	2.38	0.20	0.24	9.621	0.232	0.000	2.52	7.30
145.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.621	0.232	0.000	0.00	0.27
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.621	0.232	0.000	2.01	4.92
145.0	(6) 1 5/8" Coax	Yes	1.00	1.200	1.90	0.16	0.19	9.621	0.232	0.000	2.01	4.92
146.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.640	0.162	1.186	0.00	0.30
146.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.640	0.162	1.186	0.00	7.30
146.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.640	0.162	1.186	0.00	0.27
146.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	9.640	0.162	1.186	0.00	4.92
148.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.678	0.163	1.190	0.00	0.60
148.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.678	0.163	1.190	0.00	14.60
148.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.678	0.163	1.190	0.00	0.54
148.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.678	0.163	1.190	0.00	9.84
149.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.696	0.165	1.195	0.00	0.30
149.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.696	0.165	1.195	0.00	7.30
149.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.696	0.165	1.195	0.00	0.27
149.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	9.696	0.165	1.195	0.00	4.92
150.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.715	0.166	1.199	0.00	0.30
150.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	9.715	0.166	1.199	0.00	7.30
150.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	9.715	0.166	1.199	0.00	0.27
150.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	9.715	0.166	1.199	0.00	4.92
152.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.752	0.168	1.204	0.00	0.60
152.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.752	0.168	1.204	0.00	14.60
152.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.752	0.168	1.204	0.00	0.54
152.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.752	0.168	1.204	0.00	9.84
152.5	(2) 1/2" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.761	0.170	1.209	0.00	0.15
152.5	(2) 2" Conduit	Yes	0.50	0.000	2.38	0.10	0.00	9.761	0.170	1.209	0.00	3.65
152.5	(6) 5/16" Coax	Yes	0.50	0.000	0.00	0.00	0.00	9.761	0.170	1.209	0.00	0.14
152.5	(6) 1 5/8" Coax	Yes	0.50	0.000	1.90	0.08	0.00	9.761	0.170	1.209	0.00	2.46
154.0	(2) 1/2" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.788	0.168	1.205	0.00	0.45
154.0	(2) 2" Conduit	Yes	1.50	0.000	2.38	0.30	0.00	9.788	0.168	1.205	0.00	10.95
154.0	(6) 5/16" Coax	Yes	1.50	0.000	0.00	0.00	0.00	9.788	0.168	1.205	0.00	0.41
154.0	(6) 1 5/8" Coax	Yes	1.50	0.000	1.90	0.24	0.00	9.788	0.168	1.205	0.00	7.38
156.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.824	0.170	1.211	0.00	0.60
156.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.824	0.170	1.211	0.00	14.60
156.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.824	0.170	1.211	0.00	0.54
156.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.824	0.170	1.211	0.00	9.84
158.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.860	0.173	1.218	0.00	0.60
158.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.860	0.173	1.218	0.00	14.60
158.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.860	0.173	1.218	0.00	0.54
158.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.860	0.173	1.218	0.00	9.84
160.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.896	0.175	1.226	0.00	0.60
160.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.896	0.175	1.226	0.00	14.60
160.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.896	0.175	1.226	0.00	0.54
160.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.896	0.175	1.226	0.00	9.84
162.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.931	0.178	1.233	0.00	0.60
162.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.931	0.178	1.233	0.00	14.60
162.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.931	0.178	1.233	0.00	0.54
162.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.931	0.178	1.233	0.00	9.84
164.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.966	0.180	1.241	0.00	0.60
164.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	9.966	0.180	1.241	0.00	14.60

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



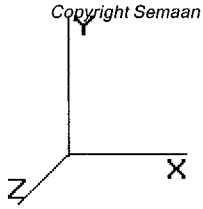
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

164.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	9.966	0.180	1.241	0.00	0.54
164.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	9.966	0.180	1.241	0.00	9.84
166.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.000	0.183	1.250	0.00	0.60
166.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.000	0.183	1.250	0.00	14.60
166.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.000	0.183	1.250	0.00	0.54
166.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.000	0.183	1.250	0.00	9.84
167.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.017	0.185	1.256	0.00	0.30
167.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.017	0.185	1.256	0.00	7.30
167.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.017	0.185	1.256	0.00	0.27
167.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	10.017	0.185	1.256	0.00	4.92
168.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.035	0.187	1.260	0.00	0.30
168.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.035	0.187	1.260	0.00	7.30
168.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.035	0.187	1.260	0.00	0.27
168.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	10.035	0.187	1.260	0.00	4.92
170.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.069	0.189	1.267	0.00	0.60
170.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.069	0.189	1.267	0.00	14.60
170.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.069	0.189	1.267	0.00	0.54
170.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.069	0.189	1.267	0.00	9.84
172.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.102	0.192	1.276	0.00	0.60
172.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.102	0.192	1.276	0.00	14.60
172.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.102	0.192	1.276	0.00	0.54
172.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.102	0.192	1.276	0.00	9.84
174.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.136	0.195	1.285	0.00	0.60
174.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.136	0.195	1.285	0.00	14.60
174.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.136	0.195	1.285	0.00	0.54
174.0	(6) 1 5/8" Coax	Yes	2.00	0.000	1.90	0.32	0.00	10.136	0.195	1.285	0.00	9.84
175.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.152	0.197	1.292	0.00	0.30
175.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.152	0.197	1.292	0.00	7.30
175.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.152	0.197	1.292	0.00	0.27
175.0	(6) 1 5/8" Coax	Yes	1.00	0.000	1.90	0.16	0.00	10.152	0.197	1.292	0.00	4.92
176.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.169	0.111	1.032	0.00	0.30
176.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.169	0.111	1.032	0.00	7.30
176.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.169	0.111	1.032	0.00	0.27
178.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.202	0.112	1.036	0.00	0.60
178.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.202	0.112	1.036	0.00	14.60
178.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.202	0.112	1.036	0.00	0.54
180.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.234	0.114	1.042	0.00	0.60
180.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.234	0.114	1.042	0.00	14.60
180.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.234	0.114	1.042	0.00	0.54
182.0	(2) 1/2" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.267	0.116	1.048	0.00	0.60
182.0	(2) 2" Conduit	Yes	2.00	0.000	2.38	0.40	0.00	10.267	0.116	1.048	0.00	14.60
182.0	(6) 5/16" Coax	Yes	2.00	0.000	0.00	0.00	0.00	10.267	0.116	1.048	0.00	0.54
183.0	(2) 1/2" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.283	0.118	1.053	0.00	0.30
183.0	(2) 2" Conduit	Yes	1.00	0.000	2.38	0.20	0.00	10.283	0.118	1.053	0.00	7.30
183.0	(6) 5/16" Coax	Yes	1.00	0.000	0.00	0.00	0.00	10.283	0.118	1.053	0.00	0.27
										Totals:	1,124.03	2,925.87

Pole :	302535	Code: ANSI/TIA-222 Rev G	
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	



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

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

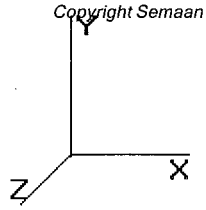
Wind Importance Factor : 1.00

Applied Segment Forces Summary

Seg Elev (ft)	Lateral FX (-) (lb)	Axial FY (-) (lb)	Torsion MY (lb-ft)	Moment MZ (lb-ft)
0.00	0.00	0.00	0.00	0.00
2.00	35.93	651.41	0.00	0.00
4.00	35.67	647.63	0.00	0.00
6.00	35.41	694.27	0.00	0.00
8.00	80.10	740.92	0.00	0.00
10.00	79.62	737.14	0.00	0.00
12.00	79.14	733.36	0.00	0.00
14.00	78.66	729.58	0.00	0.00
16.00	78.18	725.80	0.00	0.00
18.00	77.70	722.03	0.00	0.00
20.00	77.22	718.25	0.00	0.00
22.00	76.75	714.47	0.00	0.00
24.00	76.27	710.69	0.00	0.00
26.00	75.79	706.91	0.00	0.00
28.00	75.31	703.14	0.00	0.00
28.50	18.75	175.19	0.00	0.00
30.00	57.15	880.59	0.00	0.00
32.00	77.19	1,167.51	0.00	0.00
34.00	78.05	1,159.95	0.00	0.00
35.00	39.16	577.14	0.00	0.00
36.00	39.35	348.94	0.00	0.00
38.00	79.54	695.04	0.00	0.00
40.00	80.19	691.27	0.00	0.00
42.00	80.79	687.49	0.00	0.00
44.00	81.34	683.71	0.00	0.00
46.00	81.84	679.93	0.00	0.00
48.00	82.29	676.15	0.00	0.00
50.00	95.19	686.37	0.00	0.00
52.00	83.07	668.60	0.00	0.00
54.00	83.40	664.82	0.00	0.00
56.00	83.70	661.04	0.00	0.00
58.00	83.97	657.26	0.00	0.00
60.00	85.45	974.85	0.00	0.00
62.00	85.67	968.24	0.00	0.00
63.50	64.30	721.84	0.00	0.00
64.00	21.41	137.27	0.00	0.00
66.00	86.01	547.31	0.00	0.00
68.00	86.14	544.48	0.00	0.00
70.00	86.25	541.64	0.00	0.00
72.00	86.33	538.81	0.00	0.00
74.00	86.39	535.98	0.00	0.00
76.00	86.42	533.14	0.00	0.00
78.00	86.44	530.31	0.00	0.00
80.00	86.43	527.47	0.00	0.00
82.00	86.40	524.64	0.00	0.00
84.00	86.36	521.81	0.00	0.00
86.00	86.29	518.97	0.00	0.00
88.00	86.21	516.14	0.00	0.00
90.00	87.28	750.33	0.00	0.00
92.00	87.17	745.14	0.00	0.00

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

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



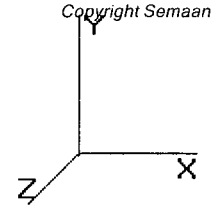
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

93.00	43.47	370.62	0.00	0.00
94.00	43.44	233.08	0.00	0.00
96.00	86.90	464.39	0.00	0.00
98.00	86.74	462.02	0.00	0.00
100.0	86.57	459.66	0.00	0.00
102.0	86.38	457.30	0.00	0.00
104.0	86.17	454.94	0.00	0.00
105.0	42.95	226.58	0.00	0.00
106.0	42.89	159.19	0.00	0.00
108.0	85.73	316.62	0.00	0.00
110.0	85.48	314.26	0.00	0.00
112.0	34.15	311.90	0.00	0.00
114.0	33.94	309.53	0.00	0.00
116.0	33.73	307.17	0.00	0.00
116.5	8.38	76.42	0.00	0.00
118.0	25.51	352.87	0.00	0.00
120.0	74.86	466.77	0.00	0.00
121.0	37.25	231.79	0.00	0.00
122.0	37.16	131.40	0.00	0.00
124.0	74.13	261.39	0.00	0.00
126.0	890.77	2,553.50	0.00	0.00
128.0	73.35	236.73	0.00	0.00
130.0	72.95	234.84	0.00	0.00
132.0	72.54	232.95	0.00	0.00
134.0	72.11	231.07	0.00	0.00
136.0	71.68	229.18	0.00	0.00
138.0	71.24	227.29	0.00	0.00
139.0	317.90	1,028.60	0.00	0.00
140.0	35.30	112.34	0.00	0.00
142.0	70.33	223.27	0.00	0.00
144.0	69.86	221.38	0.00	0.00
145.0	201.08	498.98	0.00	0.00
146.0	15.19	99.67	0.00	0.00
148.0	30.19	197.92	0.00	0.00
149.0	14.97	98.25	0.00	0.00
150.0	15.12	149.48	0.00	0.00
152.0	30.04	296.49	0.00	0.00
152.5	7.45	73.61	0.00	0.00
154.0	22.26	120.60	0.00	0.00
156.0	29.43	159.56	0.00	0.00
158.0	29.12	158.14	0.00	0.00
160.0	28.81	156.73	0.00	0.00
162.0	28.49	155.31	0.00	0.00
164.0	28.17	153.89	0.00	0.00
166.0	27.84	152.48	0.00	0.00
167.0	852.09	2,848.71	0.00	0.00
168.0	13.70	67.47	0.00	0.00
170.0	27.18	133.87	0.00	0.00
172.0	26.84	132.45	0.00	0.00
174.0	26.50	131.03	0.00	0.00
175.0	116.84	144.19	0.00	0.00
176.0	13.03	59.71	0.00	0.00
178.0	25.81	118.36	0.00	0.00
180.0	25.46	116.94	0.00	0.00
182.0	25.11	115.53	0.00	0.00
183.0	938.98	2,495.43	0.00	1,237.82

Pole :	302535	Code: ANSI/TIA-222 Rev G	
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	



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

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

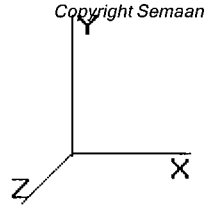
Wind Importance Factor : 1.00

Totals:	9,207.21	53,108.86	0.00	1,237.82

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



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

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

Wind Importance Factor : 1.00

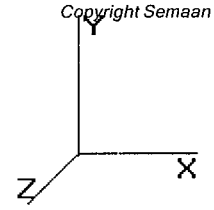
Calculated Forces

Seg Elev (ft)	Pu FY (-) (kips)	Vu FX (-) (kips)	Tu MY (ft-kips)	Mu MZ (ft-kips)	Mu MX (ft-kips)	Resultant Moment (ft-kips)	phi Pn (kips)	phi Vn (kips)	phi Tn (ft-kips)	phi Mn (ft-kips)	Total Deflect (in)	Rotation (deg)	Ratio
0.00	-53.11	-9.21	0.00	-1,031.05	0.00	1,031.05	4,364.17	2,182.08	8,607.44	4,310.12	0.00	0.00	0.188
2.00	-52.45	-9.20	0.00	-1,012.62	0.00	1,012.62	4,332.44	2,166.22	8,482.10	4,247.36	0.00	-0.02	0.187
4.00	-51.80	-9.18	0.00	-994.23	0.00	994.23	4,300.71	2,150.36	8,357.68	4,185.05	0.02	-0.04	0.186
6.00	-51.10	-9.16	0.00	-975.87	0.00	975.87	4,268.98	2,134.49	8,234.19	4,123.21	0.04	-0.06	0.185
8.00	-50.36	-9.10	0.00	-957.56	0.00	957.56	4,237.26	2,118.63	8,111.60	4,061.83	0.07	-0.08	0.184
10.00	-49.62	-9.03	0.00	-939.36	0.00	939.36	4,205.53	2,102.76	7,989.95	4,000.91	0.10	-0.10	0.182
12.00	-48.88	-8.97	0.00	-921.30	0.00	921.30	4,173.80	2,086.90	7,869.20	3,940.45	0.15	-0.12	0.181
14.00	-48.15	-8.90	0.00	-903.37	0.00	903.37	4,142.07	2,071.04	7,749.38	3,880.45	0.20	-0.14	0.180
16.00	-47.42	-8.84	0.00	-885.56	0.00	885.56	4,110.34	2,055.17	7,630.48	3,820.91	0.26	-0.16	0.179
18.00	-46.70	-8.78	0.00	-867.88	0.00	867.88	4,078.62	2,039.31	7,512.50	3,761.83	0.33	-0.18	0.177
20.00	-45.98	-8.71	0.00	-850.33	0.00	850.33	4,046.89	2,023.44	7,395.44	3,703.21	0.41	-0.20	0.176
22.00	-45.26	-8.65	0.00	-832.90	0.00	832.90	4,015.16	2,007.58	7,279.29	3,645.06	0.50	-0.21	0.175
24.00	-44.55	-8.58	0.00	-815.60	0.00	815.60	3,983.43	1,991.72	7,164.07	3,587.36	0.59	-0.23	0.173
26.00	-43.84	-8.52	0.00	-798.43	0.00	798.43	3,951.70	1,975.85	7,049.76	3,530.12	0.69	-0.25	0.172
28.00	-43.13	-8.45	0.00	-781.39	0.00	781.39	3,919.98	1,959.99	6,936.37	3,473.34	0.80	-0.27	0.171
28.50	-42.96	-8.44	0.00	-777.17	0.00	777.17	3,912.04	1,956.02	6,908.17	3,459.22	0.83	-0.28	0.170
30.00	-42.07	-8.39	0.00	-764.51	0.00	764.51	3,888.25	1,944.12	6,823.91	3,417.03	0.92	-0.29	0.167
32.00	-40.90	-8.32	0.00	-747.73	0.00	747.73	3,856.52	1,928.26	6,712.36	3,361.17	1.05	-0.31	0.166
34.00	-39.74	-8.25	0.00	-731.09	0.00	731.09	3,824.79	1,912.40	6,601.73	3,305.77	1.18	-0.33	0.164
35.00	-39.16	-8.21	0.00	-722.84	0.00	722.84	3,899.62	1,949.81	6,864.12	3,437.16	1.26	-0.34	0.159
36.00	-38.81	-8.18	0.00	-714.63	0.00	714.63	3,883.76	1,941.88	6,808.07	3,409.09	1.33	-0.35	0.158
38.00	-38.12	-8.11	0.00	-698.27	0.00	698.27	3,852.03	1,926.02	6,696.65	3,353.30	1.48	-0.37	0.157
40.00	-37.42	-8.03	0.00	-682.06	0.00	682.06	3,820.30	1,910.15	6,586.15	3,297.97	1.64	-0.39	0.155
42.00	-36.73	-7.96	0.00	-665.99	0.00	665.99	3,788.58	1,894.29	6,476.57	3,243.10	1.80	-0.41	0.154
44.00	-36.05	-7.89	0.00	-650.07	0.00	650.07	3,756.85	1,878.42	6,367.91	3,188.69	1.98	-0.42	0.152
46.00	-35.37	-7.81	0.00	-634.30	0.00	634.30	3,725.12	1,862.56	6,260.17	3,134.74	2.16	-0.44	0.150
48.00	-34.69	-7.73	0.00	-618.68	0.00	618.68	3,693.39	1,846.70	6,153.35	3,081.25	2.35	-0.46	0.149
50.00	-34.00	-7.64	0.00	-603.22	0.00	603.22	3,661.66	1,830.83	6,047.45	3,028.22	2.55	-0.48	0.147
52.00	-33.33	-7.56	0.00	-587.93	0.00	587.93	3,629.94	1,814.97	5,942.47	2,975.65	2.75	-0.50	0.145
54.00	-32.66	-7.49	0.00	-572.81	0.00	572.81	3,598.21	1,799.10	5,838.41	2,923.54	2.96	-0.51	0.144
56.00	-32.00	-7.41	0.00	-557.84	0.00	557.84	3,566.48	1,783.24	5,735.26	2,871.89	3.18	-0.53	0.142
58.00	-31.34	-7.33	0.00	-543.02	0.00	543.02	3,534.75	1,767.38	5,633.04	2,820.71	3.41	-0.55	0.140
60.00	-30.37	-7.24	0.00	-528.37	0.00	528.37	3,503.02	1,751.51	5,531.73	2,769.98	3.64	-0.57	0.137
62.00	-29.40	-7.15	0.00	-513.90	0.00	513.90	3,471.30	1,735.65	5,431.35	2,719.71	3.89	-0.59	0.135
63.50	-28.67	-7.08	0.00	-503.17	0.00	503.17	3,158.12	1,579.06	5,037.43	2,522.46	4.07	-0.60	0.132
64.00	-28.54	-7.07	0.00	-499.63	0.00	499.63	3,152.80	1,576.40	5,017.53	2,512.49	4.13	-0.60	0.131
66.00	-27.99	-6.99	0.00	-485.49	0.00	485.49	3,131.44	1,565.72	4,938.17	2,472.75	4.39	-0.62	0.129
68.00	-27.44	-6.90	0.00	-471.52	0.00	471.52	3,109.92	1,554.96	4,859.19	2,433.21	4.66	-0.64	0.127
70.00	-26.90	-6.82	0.00	-457.71	0.00	457.71	3,081.37	1,540.68	4,769.94	2,388.51	4.93	-0.66	0.125
72.00	-26.36	-6.74	0.00	-444.07	0.00	444.07	3,052.81	1,526.41	4,681.51	2,344.23	5.21	-0.68	0.123
74.00	-25.82	-6.65	0.00	-430.60	0.00	430.60	3,024.26	1,512.13	4,593.91	2,300.37	5.50	-0.70	0.121
76.00	-25.29	-6.57	0.00	-417.30	0.00	417.30	2,995.70	1,497.85	4,507.14	2,256.92	5.80	-0.72	0.119
78.00	-24.76	-6.48	0.00	-404.16	0.00	404.16	2,967.15	1,483.57	4,421.19	2,213.88	6.11	-0.74	0.117
80.00	-24.23	-6.40	0.00	-391.19	0.00	391.19	2,938.59	1,469.30	4,336.07	2,171.26	6.42	-0.76	0.115
82.00	-23.70	-6.31	0.00	-378.40	0.00	378.40	2,910.04	1,455.02	4,251.78	2,129.05	6.74	-0.78	0.113
84.00	-23.18	-6.23	0.00	-365.78	0.00	365.78	2,881.48	1,440.74	4,168.32	2,087.26	7.07	-0.80	0.110
86.00	-22.66	-6.14	0.00	-353.33	0.00	353.33	2,852.93	1,426.46	4,085.69	2,045.88	7.41	-0.82	0.108
88.00	-22.14	-6.05	0.00	-341.05	0.00	341.05	2,824.37	1,412.19	4,003.88	2,004.91	7.76	-0.83	0.106
90.00	-21.39	-5.96	0.00	-328.94	0.00	328.94	2,795.82	1,397.91	3,922.90	1,964.36	8.11	-0.85	0.103
92.00	-20.65	-5.87	0.00	-317.02	0.00	317.02	2,767.26	1,383.63	3,842.74	1,924.23	8.47	-0.87	0.100
93.00	-20.28	-5.82	0.00	-311.15	0.00	311.15	2,292.76	1,146.38	3,238.31	1,621.56	8.66	-0.88	0.111

Pole : 302535
Location : Milford CT 2, CT
Height : 183.0 (ft)
Shape : 18 Sides
Base Dia : 48.62 (in)
Top Dia : 19.86 (in)
Taper : 0.174917 (in/ft)

Code: ANSI/TIA-222 Rev G
Struct Class : II
Exposure Category : B
Topographic Category : 1

Base Elev : 0.000 (ft)



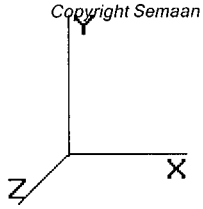
Load Case: 1.0D + 1.0W — 60.00 mph Serviceability — 30 Iterations

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

Wind Importance Factor : 1.00

94.00	-20.04	-5.78	0.00	-305.33	0.00	305.33	2,284.25	1,142.13	3,209.75	1,607.26	8.84	-0.89	0.109
96.00	-19.58	-5.69	0.00	-293.77	0.00	293.77	2.267.14	1.133.57	3.152.86	1.578.78	9.22	-0.91	0.106
98.00	-19.11	-5.60	0.00	-282.39	0.00	282.39	2,249.90	1,124.95	3,096.30	1,550.45	9.60	-0.92	0.103
100.00	-18.66	-5.52	0.00	-271.18	0.00	271.18	2,232.54	1,116.27	3,040.06	1,522.29	9.99	-0.94	0.101
102.00	-18.20	-5.43	0.00	-260.15	0.00	260.15	2,215.04	1,107.52	2,984.14	1,494.29	10.39	-0.96	0.098
104.00	-17.74	-5.34	0.00	-249.29	0.00	249.29	2,197.42	1,098.71	2,928.57	1,466.46	10.80	-0.98	0.095
105.00	-17.52	-5.29	0.00	-243.96	0.00	243.96	2,188.56	1,094.28	2,900.91	1,452.61	11.00	-0.99	0.093
105.00	-17.52	-5.29	0.00	-243.96	0.00	243.96	2,188.56	1,094.28	2,900.91	1,452.61	11.00	-0.99	0.176
106.00	-17.36	-5.25	0.00	-238.66	0.00	238.66	2.179.67	1,089.83	2,873.33	1,438.80	11.21	-0.99	0.174
108.00	-17.04	-5.17	0.00	-228.16	0.00	228.16	2,161.78	1,080.89	2,818.44	1,411.32	11.63	-1.03	0.170
110.00	-16.72	-5.09	0.00	-217.82	0.00	217.82	2,138.65	1,069.33	2,757.31	1,380.70	12.07	-1.06	0.166
112.00	-16.41	-5.06	0.00	-207.64	0.00	207.64	2,114.86	1,057.43	2,695.99	1,350.00	12.52	-1.09	0.162
114.00	-16.10	-5.03	0.00	-197.52	0.00	197.52	2,091.06	1,045.53	2,635.36	1,319.64	12.98	-1.12	0.157
116.00	-15.79	-4.99	0.00	-187.47	0.00	187.47	2,067.27	1,033.63	2,575.43	1,289.63	13.46	-1.15	0.153
116.50	-15.71	-4.99	0.00	-184.97	0.00	184.97	2,061.32	1,030.66	2,560.55	1,282.18	13.58	-1.16	0.152
118.00	-15.36	-4.96	0.00	-177.49	0.00	177.49	2.043.47	1.021.73	2.516.18	1.259.96	13.95	-1.18	0.148
120.00	-14.89	-4.88	0.00	-167.57	0.00	167.57	2,019.67	1,009.84	2,457.62	1,230.64	14.45	-1.21	0.144
121.00	-14.66	-4.84	0.00	-162.69	0.00	162.69	1,562.89	781.45	1,930.84	966.86	14.70	-1.22	0.178
122.00	-14.53	-4.81	0.00	-157.84	0.00	157.84	1,556.55	778.28	1,911.74	957.29	14.96	-1.24	0.174
124.00	-14.26	-4.74	0.00	-148.22	0.00	148.22	1,543.77	771.89	1,873.68	938.23	15.48	-1.27	0.167
126.00	-11.73	-3.80	0.00	-138.75	0.00	138.75	1,530.87	765.43	1,835.84	919.28	16.02	-1.30	0.159
128.00	-11.49	-3.72	0.00	-131.16	0.00	131.16	1.517.84	758.92	1.798.22	900.45	16.57	-1.33	0.153
130.00	-11.26	-3.65	0.00	-123.71	0.00	123.71	1,504.67	752.34	1,760.83	881.72	17.14	-1.36	0.148
132.00	-11.02	-3.58	0.00	-116.41	0.00	116.41	1,491.38	745.69	1,723.67	863.12	17.71	-1.39	0.142
134.00	-10.79	-3.51	0.00	-109.25	0.00	109.25	1,477.96	738.98	1,686.75	844.63	18.30	-1.42	0.137
136.00	-10.56	-3.43	0.00	-102.24	0.00	102.24	1,464.41	732.21	1,650.07	826.26	18.90	-1.45	0.131
138.00	-10.34	-3.36	0.00	-95.37	0.00	95.37	1,450.74	725.37	1,613.64	808.02	19.52	-1.47	0.125
139.00	-9.32	-3.02	0.00	-92.01	0.00	92.01	1,443.85	721.92	1,595.53	798.95	19.83	-1.49	0.122
140.00	-9.20	-2.98	0.00	-88.99	0.00	88.99	1.436.93	718.47	1.577.47	789.91	20.14	-1.50	0.119
142.00	-8.98	-2.91	0.00	-83.03	0.00	83.03	1,423.00	711.50	1,541.56	771.93	20.77	-1.53	0.114
144.00	-8.76	-2.84	0.00	-77.21	0.00	77.21	1,408.93	704.47	1,505.92	754.08	21.42	-1.55	0.109
145.00	-8.27	-2.63	0.00	-74.37	0.00	74.37	1,401.85	700.93	1,488.20	745.20	21.75	-1.56	0.106
146.00	-8.17	-2.61	0.00	-71.74	0.00	71.74	1,394.74	697.37	1,470.54	736.36	22.07	-1.58	0.103
148.00	-7.97	-2.58	0.00	-66.53	0.00	66.53	1,379.83	689.92	1,434.84	718.48	22.74	-1.60	0.098
149.00	-7.87	-2.56	0.00	-63.95	0.00	63.95	1,370.32	685.16	1,415.01	708.56	23.08	-1.61	0.096
150.00	-7.72	-2.54	0.00	-61.39	0.00	61.39	1.360.80	680.40	1.395.33	698.70	23.41	-1.62	0.094
152.00	-7.43	-2.51	0.00	-56.30	0.00	56.30	1,341.76	670.88	1,356.37	679.19	24.10	-1.64	0.088
152.50	-7.35	-2.50	0.00	-55.05	0.00	55.05	942.35	471.17	968.66	485.05	24.27	-1.65	0.121
154.00	-7.23	-2.48	0.00	-51.30	0.00	51.30	935.87	467.94	951.84	476.63	24.79	-1.66	0.115
156.00	-7.07	-2.44	0.00	-46.35	0.00	46.35	927.12	463.56	929.51	465.45	25.49	-1.69	0.107
158.00	-6.91	-2.41	0.00	-41.46	0.00	41.46	918.25	459.12	907.31	454.33	26.20	-1.71	0.099
160.00	-6.76	-2.38	0.00	-36.64	0.00	36.64	909.24	454.62	885.24	443.28	26.92	-1.73	0.090
162.00	-6.60	-2.35	0.00	-31.87	0.00	31.87	900.11	450.06	863.31	432.30	27.65	-1.75	0.081
164.00	-6.45	-2.32	0.00	-27.17	0.00	27.17	890.85	445.42	841.52	421.39	28.39	-1.77	0.072
166.00	-6.30	-2.29	0.00	-22.53	0.00	22.53	881.46	440.73	819.88	410.55	29.14	-1.78	0.062
167.00	-3.47	-1.35	0.00	-20.24	0.00	20.24	876.72	438.36	809.12	405.16	29.51	-1.79	0.054
168.00	-3.41	-1.33	0.00	-18.90	0.00	18.90	871.94	435.97	798.40	399.79	29.89	-1.80	0.051
170.00	-3.27	-1.30	0.00	-16.23	0.00	16.23	862.29	431.15	777.07	389.11	30.64	-1.81	0.046
172.00	-3.14	-1.27	0.00	-13.62	0.00	13.62	852.52	426.26	755.91	378.52	31.40	-1.82	0.040
174.00	-3.01	-1.24	0.00	-11.08	0.00	11.08	842.61	421.31	734.92	368.01	32.17	-1.83	0.034
175.00	-2.87	-1.12	0.00	-9.84	0.00	9.84	837.61	418.81	724.49	362.78	32.55	-1.83	0.031
176.00	-2.81	-1.11	0.00	-8.72	0.00	8.72	832.58	416.29	714.11	357.59	32.93	-1.84	0.028
178.00	-2.69	-1.08	0.00	-6.51	0.00	6.51	822.42	411.21	693.48	347.26	33.71	-1.84	0.022
180.00	-2.58	-1.05	0.00	-4.35	0.00	4.35	812.13	406.06	673.04	337.02	34.48	-1.85	0.016
182.00	-2.46	-1.02	0.00	-2.26	0.00	2.26	801.71	400.85	652.79	326.88	35.25	-1.85	0.010
183.00	0.00	-0.94	0.00	-1.24	0.00	1.24	796.45	398.23	642.74	321.85	35.64	-1.85	0.004

Pole :	302535	Code: ANSI/TIA-222 Rev G	6/28/2011 11:05:08 A
Location :	Milford CT 2, CT	Struct Class : II	
Height :	183.0 (ft)	Exposure Category : B	
Shape :	18 Sides	Topographic Category : 1	
Base Dia :	48.62 (in)		
Top Dia :	19.86 (in)		
Taper :	0.174917 (in/ft)	Base Elev : 0.000 (ft)	



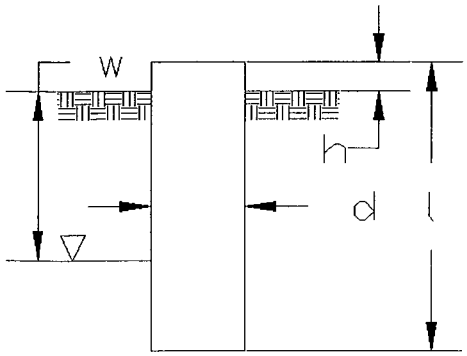
Analysis Summary

	Reactions						Max Usage	
Load Case	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	50.44	0.00	62.28	0.00	0.00	5697.52	0.00	1.00
0.9D + 1.6W	49.56	0.00	48.45	0.00	0.00	5506.29	0.00	0.96
1.2D + 1.0Di + 1.0Wi	10.95	0.00	130.36	0.00	0.00	1400.43	121.00	0.30
1.0D + 1.0W	9.21	0.00	53.11	0.00	0.00	1031.05	0.00	0.19

Additional Steel Summary

		Intermediate Connectors			Upper Termination Connectors				Lower Termination Connectors				Max Member		
Elev From (ft)	Elev To (ft) Member	VQ/I (lb/in)	Shear Applied (kips)	Shear phiVn (kips)	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	MQ/I (kips)	phiVn (kips)	Num Reqd	Num Actual	Pu (kip)	phiPn (kip)	Ratio
0.00	105. (4) SOL-#20 All Thre	354.6	10.6	16.8	195.8	12.0	17	16	0.0	12.0	0	0	314.9	330.5	0.95

Site Name:	Milford CT2, CT	*Program Last*	*5/26/2010*
Site Number:	302535	*American Tower Corporation*	
Engineer:	C. Rojas		
Engineering Number:	47507823		
Date:	02/10/11		



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

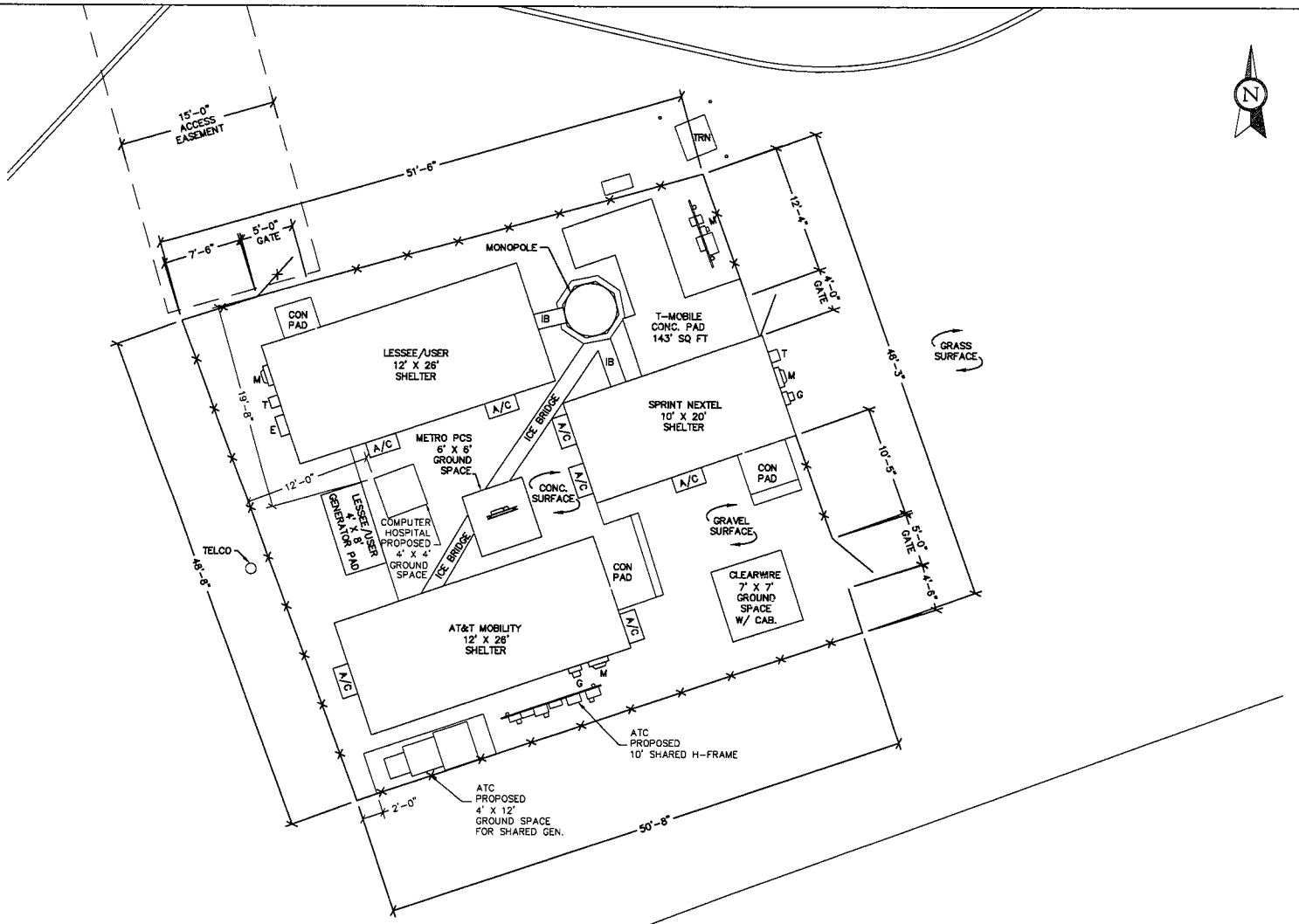
Analyze or Design a Foundation?	Analyze	
Foundation Mapped:	N	
Moment (M):	5697.5	k-ft
Shear/Leg (V):	50.4	k
Axial Load (P):	130.4	k
Uplift/Leg (U):	0.0	k
Tower Type (GT / SST / MP):	MP	
Diameter of Caisson (d):	6.0	ft
Caisson Embedment (L-h):	20.0	ft
Caisson Height Above Ground (h):	0.5	ft
Depth Below Ground Surface to Water Table (w):	99.0	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) Top	Depth (ft) Bottom	γ_{Soil} (pcf)	Cohesion (psf)	ϕ (degree)	Ultimate Skin Friction (psf)	Ultimate Bearing Pressure (psf)
0.0	2.0	100	0	0	0	0
2.0	4.0	110	2000	0	0	0
4.0	25.0	110	4000	0	500	10000
25.0	30.0	110	4000	0	750	10000

Required Embedment:	16.7	ft - OK, Caisson Embedment Satisfactor
Volume of Concrete:	579.6	ft^3 = 21.5 yd^3
Weight of Concrete (Buoyancy Effect Considered):	86.9	k
Average Soil Unit Weight:	109.0	pcf
Skin Friction Resistance:	150.8	k
Compressive Bearing Resistance:	282.7	k
Pullout Weight (Minus Concrete Weight):	541.6	k
Nominal Uplift Capacity per Leg ($\phi_s T_n$):	178.3	k
Nominal Compressive Capacity per Leg ($\phi_s P_n$):	325.2	k
P_u:	158.2	k
$T_u/\phi_s T_n$:	0.00	Result: OK
$P_u/\phi_s P_n$:	0.49	Result: OK
Total Lateral Resistance:	2993.0	k
Inflection Point (Below Ground Surface):	12.1	ft
Design Overturning Moment At Inflection Point (M_D):	6335.3	k-ft
Nominal Moment Capacity ($\phi_s M_n$):	9251.7	k-ft
$M_D/\phi_s M_n$:	0.68	Result: OK
ϕ_s:	0.75	



AMERICAN TOWER®
SITE DESIGN
400 REGENCY FOREST DRIVE
CARY, NORTH CAROLINA 27518
PHONE: (919) 468-0112
FAX: (919) 486-5040
NYSE AMT

REV.	DESCRIPTION
0	ADDED COMPUTER HOSPITAL

SITE NUMBER:
302535
SITE NAME:
MILFORD CT 2
CONNECTICUT

DRAWN BY:	M WHITE
DATE DRAWN:	06/09/11
CUSTOMER:	COMPUTER HOSPITAL
COLLOCATION NO:	475078

LEGEND

⊗	GROUNDING TEST WELL
A/C	AIR CONDITIONING UNIT
B	BOLLARD
C	CABINET
CSC	FIBER OPTIC CABINET
E	ELECTRICAL SERVICE DISC.
GEN	GENERATOR
G	GENERATOR RECEPTACLE
IB	ICE BRIDGE
M	METER RACK
PB	PULL BOX
PP	POWER POLE
T	TELEPHONE HOOK-UP
TD	TELEPHONE DEMARK
TRN	TRANSFORMER
W	WATER VALVE

DIMENSIONS NOT VERIFIED BY LICENSED SURVEYOR

SHEET TITLE:
SITE PLAN LAYOUT

SHEET NUMBER: SP-1
REV. # 0