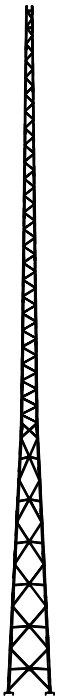


160FT S310 SUPERTITAN TOWER

1.5' H/H  
1.75' H/H  
2' H/H  
2.25' H/H  
2.5' H/H  
2.75' H/H  
3' H/H  
3.25' H/H  
3.5' H/H  
3.75' H/H  
4' H/H  
5' H/H  
6' H/H  
7' H/H  
8' H/H  
9' H/H  
10' H/H



TOP  
SECTION #3  
SECTION #4  
SECTION #5  
SECTION #6  
SECTION #7  
SECTION #8  
SECTION #9  
SECTION #10HD  
SECTION #11HD  
SECTION #12HD  
SECTION #13  
SECTION #14  
SECTION #15  
SECTION #16  
SECTION #17  
SECTION #18

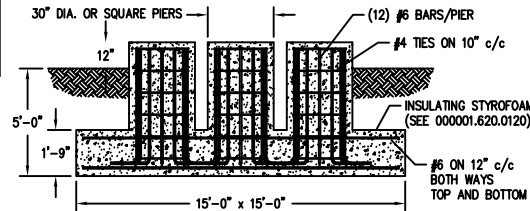
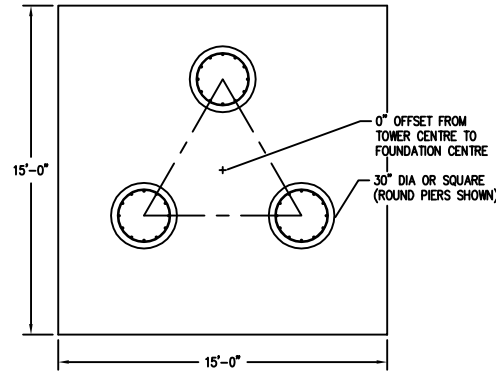
U S A	MAXIMUM ALLOWABLE ANTENNA AREA - PER TIA/EIA 222 REV. F					
	WIND VELOCITY RATINGS					
	NO ICE (ROUND/FLAT)			1/2" ICE (ROUND/FLAT)		
	70 mph	90 mph	100 mph	70 mph	90 mph	100 mph
	23/16	--/--	--/--	20/14	--/--	--/--

FOUNDATION LOADS:  
MAX. OVERTURNING MOMENT (K\*FT) =  
MAX. SHEAR (kips) =  
MAX. AXIAL (kips) =

U S A	MAXIMUM ALLOWABLE ANTENNA AREA - PER TIA/EIA 222 REV. G, CLASS 1 (NO ICE)					
	WIND VELOCITY RATINGS					
	90 mph 3sg	110mph 3sg	120 mph 3sg	3sg = 3 SECOND GUST WINDSPEED FM = FASTEST MILE WINDSPEED		
	75 mph FM	90 mph FM	100 mph FM			
	ROUND	FLAT	ROUND	FLAT	ROUND	FLAT
	21	15	--	--	--	--

FOUNDATION LOADS:  
MAX. OVERTURNING MOMENT (K\*FT) =  
MAX. SHEAR (kips) =  
MAX. AXIAL (kips) =

FOUNDATION DESIGN (NORMAL DRY SOIL)



CUBIC YARDS of CONCRETE				
PAD	RND PIER	SQ PIER	TOTAL RND	TOTAL SQ
14.58	0.77	0.98	16.90	17.53

REV.	BY:	BY:	DESCRIPTION	DATE
	REV.	CHK.		

REFERENCE DRAWINGS:	
DRAWING NUMBER	DRAWING NUMBER

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**Trilon**

DRAWING NO. 000001.620.0464

CUSTOMER: SITE: SCALE: 250,000

DATE: 16 APR 07 BY: CHK: APP:

TITLE: 160FT S310 SUPERTITAN PROFILE

NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0310.160.  
2) PRE-ASSEMBLED PART NUMBER: NOT AVAILABLE.  
3) ANTENNA LOADS ARE CENTRALLY LOCATED AND BALANCED, 3-FT OR LESS ABOVE THE TOWER TOP.  
4) WIND LOADING ASSUMES (1) 1/2" TRANSMISSION LINE PER 10 SQ.FT. OF ROUND MEMBER ANTENNA AREA.