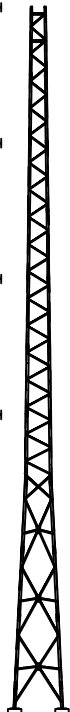


100FT S610 SUPERTITAN TOWER

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



TOP
SECTION #6

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)		
SECTION #7	70 mph	90 mph	100 mph	70 mph	90 mph	100 mph
SECTION #8						

SECTION #8

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

SECTION #9

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		
SECTION #10HD	75 mph FM	90 mph FM	100 mph FM			
SECTION #11HD	ROUND	FLAT	ROUND	FLAT	ROUND	FLAT

SECTION #12HD

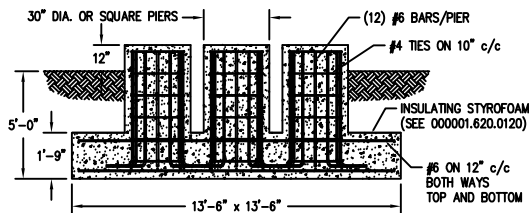
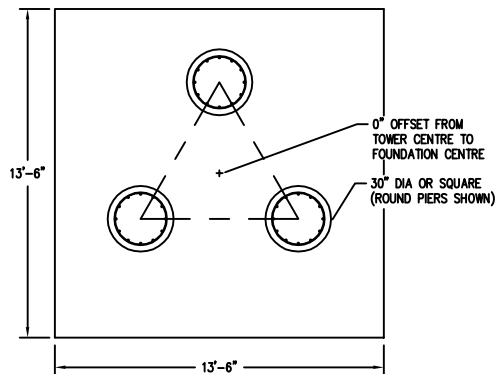
FOUNDATION LOADS:
MAX. OVERTURNING MOMENT (K*FT) =
MAX. SHEAR (kips) =
MAX. AXIAL (kips) =

SECTION #13

SECTION #14

SECTION #15

FOUNDATION DESIGN (NORMAL DRY SOIL)



CUBIC YARDS of CONCRETE				
PAD	RND PIER	SQ PIER	TOTAL RND	TOTAL SQ
11.81	0.77	0.98	14.13	14.76

REV.	BY:	CHK:	DESCRIPTION	DATE

REFERENCE DRAWINGS:

DRAWING NUMBER	DRAWING NUMBER

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Tryllon

DRAWING NO. 000001.620.0424

CUSTOMER:	SITE:	SCALE:
		140

DATE:	BY:	CHK:	APP:
13 APR 07			

TITLE:
100FT S610 SUPERTITAN PROFILE

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0610.100.
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.