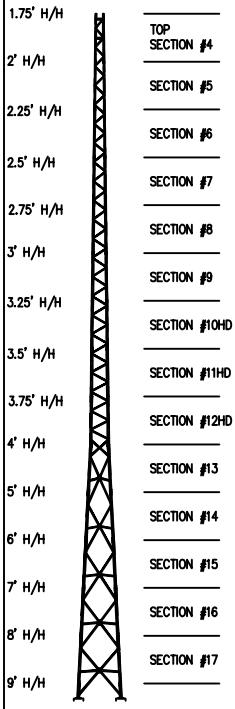
140FT S410 SUPERTITAN TOWER



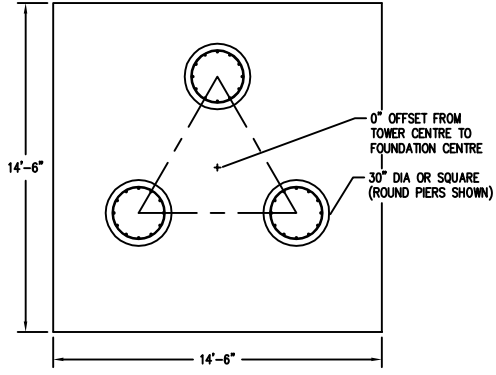
USA	MAXIMUM ALLOWABLE ANTENNA AREA – PER TIA/EIA 222 REV. F					
	WIND VELOCITY RATINGS					
	NO ICE (ROUND/FLAT)			1/2" ICE (ROUND/FLAT)		
	70 mph	90 mph	100 mph	70 mph	90 mph	100 mph
	40/28	7/5	--/--	33/23	5/3	--/--

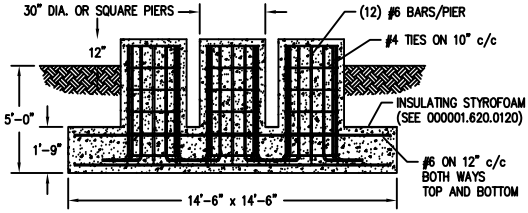
FOUNDATION LOADS:
MAX. OVERTUNRING MOMENT (K*FT) =
MAX. SHEAR (kips) =
MAX. AXIAL (kips) =

USA	MAXIMUM ALLOWABLE ANTENNA AREA – PER TIA/EIA 222 REV. G, CLASS 1 (NO ICE)						
	WIND VELOCITY RATINGS						
	90 mph 3sg 75 mph FM		110mph 3sg 90 mph FM		120 mph 3sg 100 mph FM		3sg = 3 SECOND GUST WINDSPEED FM = FASTEST MILE WINDSPEED
	ROUND	FLAT	ROUND	FLAT	ROUND	FLAT	
	35	25	--	--	--	--	

FOUNDATION LOADS:
MAX. OVERTUNRING 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
13.63	0.77	0.98	15.95	16.58

NOTES:1) KNOCK-DOWN PART NUMBER 5.94.0410.140.
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.

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

REFERENCE DRAWINGS:

DRAWING NUMBER	DRAWING NUMBER

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Trylon

DRAWING NO. 000001.620.0454

CUSTOMER: | SITE: | SCALE: 220.000

DATE: 16 APR 07 | BY: | CHK: | APP:

TITLE: 140FT S410 SUPERTITAN PROFILE