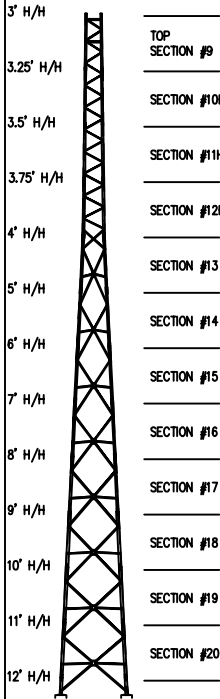


120FT S910 SUPERTITAN TOWER



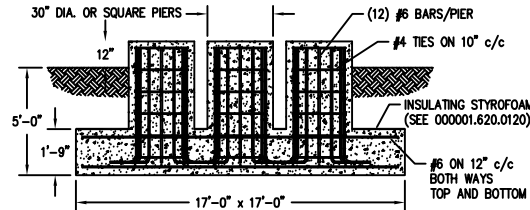
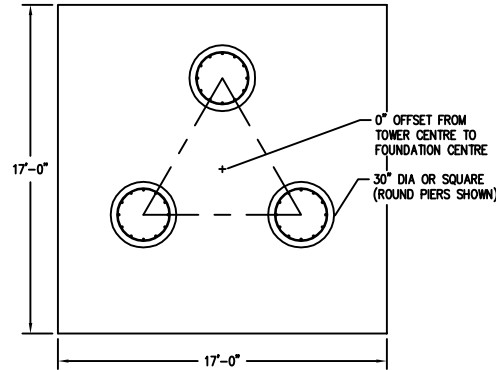
U S A	MAXIMUM ALLOWABLE ANTENNA AREA - PER TIA/EIA 222 REV. F					
	WIND VELOCITY RATINGS					
	NO ICE (ROUND/FLAT)			1/2" ICE (ROUND/FLAT)		
	70 mph	90 mph	100 mph	70 mph	90 mph	100 mph
	87/62	45/32	31/22	76/54	40/28	30/21

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		
	75 mph FM	90 mph FM	100 mph FM	FM = FASTEST MILE WINDSPEED		
	ROUND	FLAT	ROUND	FLAT	ROUND	FLAT
	105	75	60	42	45	32

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
18.73	0.77	0.98	21.05	21.68

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

REFERENCE DRAWINGS:	
DRAWING NUMBER	DRAWING NUMBER

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Trylon

DRAWING NO. 000001.620.0444

CUSTOMER: SITE: SCALE: 190.000

DATE: 16 APR 07	BY:	CHK:	APP:
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TITLE: 120FT S910 SUPERTITAN PROFILE

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0910.120.
 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.