

60FT S200 SUPERTITAN TOWER

15" H/H

18" H/H

21" H/H

24" H/H

27" H/H

30" H/H

33" H/H

TOP
SECTION #2

SECTION #3

SECTION #4

SECTION #5

SECTION #6

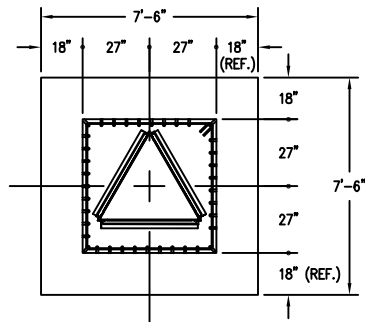
SECTION #7

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	15/10	8/5	31/22	11/7	7/5	

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

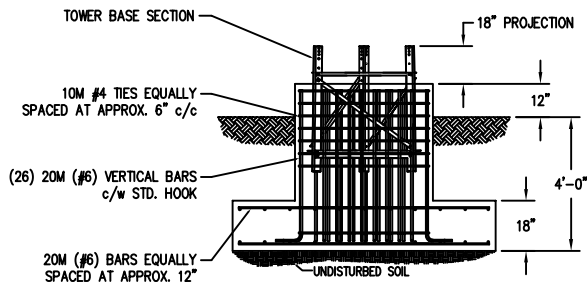
MAXIMUM ALLOWABLE ANTENNA AREA - PER TIA/EIA 222 REV. G, CLASS 1 (NO ICE)						
WIND VELOCITY RATINGS						
90 mph 3sg	110mph 3sg	120 mph 3sg	3sg = 3 SECOND GUST WINDSPEED FM = FASTEST MILE WINDSPEED			
75 mph FM	90 mph FM	100 mph FM				
ROUND	FLAT	ROUND	FLAT	ROUND	FLAT	
41	29	21	15	14	10	

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



CUBIC YARDS OF CONCRETE		
PAD CONC VOL.	PIER CONC VOL.	TOTAL VOL.
3.1	2.1	5.2

FOUNDATION DESIGN (NORMAL DRY SOIL)
DESIGN ASSUMES THAT FROST DEPTH IS LESS THAN 4'-0"



- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0200.060.
2) PRE-ASSEMBLED PART NUMBER: 5.95.0200.060.
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:	CHK:	DESCRIPTION	DATE

REFERENCE DRAWINGS:	
DRAWING NUMBER	DRAWING NUMBER

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Tryllon

DRAWING NO. 000001.620.0172

CUSTOMER: SITE: SCALE: 100

DATE: 07 FEB 07 BY: CHK: APP:

TITLE: 60FT S200 SUPERTITAN PROFILE