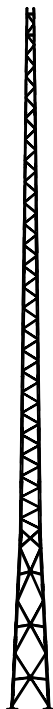


130FT S310 SUPERTITAN TOWER

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



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

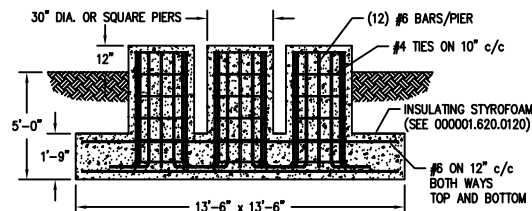
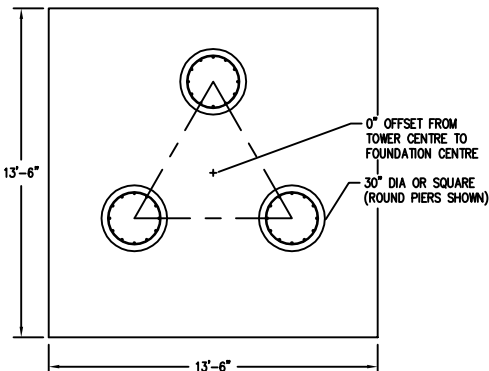
U S A	MAXIMUM ALLOWABLE ANTENNA AREA - PER TIA/EIA 222 REV. F					
	WIND VELOCITY RATINGS					
	NO ICE (ROUND/FLAT)			1/2" ICE (ROUND/FLAT)		
	70 mph	90 mph	100 mph	70 mph	90 mph	100 mph
	28/20	--/--	--/--	22/15	--/--	--/--

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
	26	18	--	--	--	--

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
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. 000001.620.0446

CUSTOMER: SITE: SCALE: 200.000

DATE: 16 APR 07	BY:	CHK:	APP:
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TITLE: 130FT S310 SUPERTITAN PROFILE

- NOTES: 1) KNOCK-DOWN PART NUMBER 5.94.0310.130.
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.