

64' T300 TITAN TOWER

(P/N 4.95.0307.000)

FOUNDATION DESIGN (NORMAL DRY SOIL)

12" c/c

15" c/c

18" c/c

21" c/c

24" c/c

27" c/c

30" c/c

33" c/c

36" c/c

TOP
SECTION #3

SECTION #4

SECTION #5

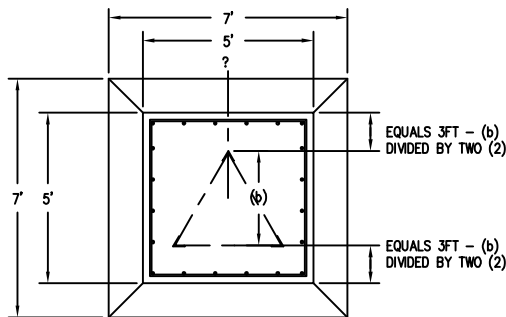
SECTION #6

SECTION #7

SECTION #8

SECTION #9

SECTION #10



EQUALS 3FT - (b)
DIVIDED BY TWO (2)

EQUALS 3FT - (b)
DIVIDED BY TWO (2)

MAXIMUM ALLOWABLE ANTENNA AREA

SURVIVAL DESIGN NO ICE (ROUND/FLAT)

70mph WIND	85mph WIND	100mph WIND
25/17 (sqft)	9/6 (sqft)	--/--

TOP ELEVATION

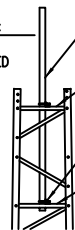
ACTUAL TOWER HEIGHT:
ACHIEVED UTILIZING
SUPPORT PIPE PROVIDED

SUPPORT PIPE
1.9" O.D. x 8'-0" LG.
3.960.0013.101

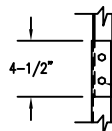
TOP MOUNTING ANGLE
& TOP CROSS ANGLE

1/2" U-BOLT ASSEMBLY
3.963.0001.006

BOTTOM MOUNTING ANGLE
& BOTTOM CROSS ANGLE

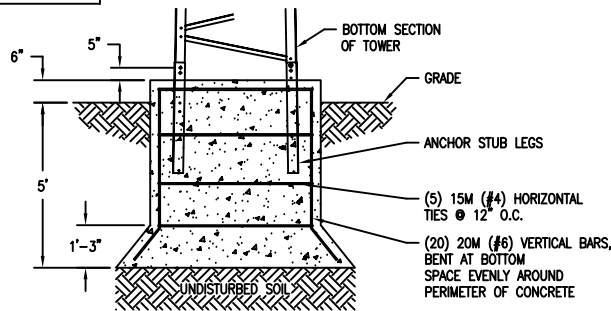


SECTION SPLICE



UPPER SECTION LEG
FITS INSIDE LEGS OF
LOWER SECTION LEG

3/8" x 3/4" JS500 (Sect #2 - Sect #6)
7/16" x 1" JS500 (Sect #7 - Sect #8)
1/2" x 1" JS500 (Sect #9 - Sect #10)



BOTTOM SECTION
OF TOWER

GRADE

ANCHOR STUB LEGS

(5) 15M (#4) HORIZONTAL
TIES @ 12" O.C.

(20) 20M (#6) VERTICAL BARS,
BENT AT BOTTOM
SPACE EVENLY AROUND
PERIMETER OF CONCRETE

UNDISTURBED SOIL

FOUNDATION LOADS:

MAX. OVERTURNING MOMENT (K*FT) = 67.00

MAX. SHEAR (kips) = 1.7

DESIGN UPLIFT PER

INDIVIDUAL LEG (kips) = 23.0

CONCRETE VOLUME:

6.0 CUBIC YARDS

REV.	BY:	CHK:	DESCRIPTION	DATE

REFERENCE DRAWINGS:

DRAWING NUMBER	DRAWING NUMBER

CONFIDENTIAL: ALL
INTELLECTUAL PROPERTY
RIGHTS HEREIN ARE THE
PROPERTY OF TRYLON
INC. ALL DUPLICATION,
RECORDING, DISCLOSURE
OR USE IS PROHIBITED
WITHOUT WRITTEN
CONSENT OF TRYLON INC.

Trylon

DRAWING NO.
00001.610.0093

CUSTOMER: SITE: SCALE:
105.000

DATE: 08 MAR 07 BY: MRH CHK: CR APP: JB

TITLE:
64' T300 TITAN TOWER

- 1) PRE-ASSEMBLED PART NUMBER 4.95.0307.000.
- 2) MAX. ANTENNA LOADS ARE CENTRALLY LOCATED AND BALANCED, 3FT OR LESS ABOVE THE TOWER TOP.
- 3) "SURVIVAL" DESIGN IN NOT THE SAME AS EIA-222. FOR EIA COMPLIANCE SEE OUR SUPERTITAN MODELS.
- 4) MINIMUM 32ksi YIELD FOR ALL COMPONENTS.
- 5) CONSTRUCTED FROM PASSIVATED G-90 COAT GALVANIZED STEEL SHEET.
- 6) TOWERS COME ASSEMBLED IN 8FT SECTIONS.
- 7) TOP SUPPORT PIPE IS INCLUDED.
- 8) FOR OPTIONAL ROCK BOLT FOUNDATION SEE DWG 000001.610.0033 AND 000001.610.0021.