

(P/N 4.95.0208.000)

[illegible]

UPPER SECTION LEG
FITS INSIDE LEGS OF
LOWER SECTION LEG

4-1/2"

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)

ACTUAL TOWER HEIGHT:
ACHIEVED UTILIZING
SUPPORT PIPE PROVIDED

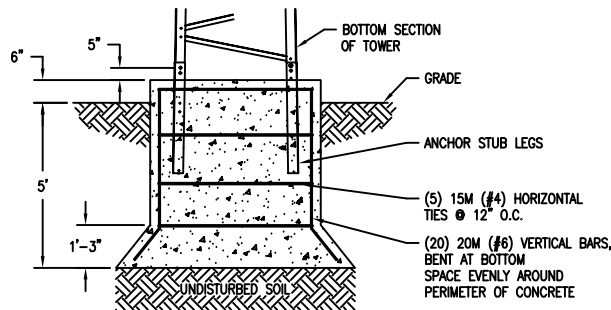
SUPPORT PIPE
1.9" O.D. x 8'-0" LG.
3.960.0013.101

TOP MOUNTING ANGLE
& TOP CROSS ANGLE

1/2" U-BOLT ASSEMBLY
3.963.0001.006

— BOTTOM MOUNTING ANGLE
& BOTTOM CROSS ANGLE

MAXIMUM ALLOWABLE ANTENNA AREA		
SURVIVAL DESIGN NO ICE (ROUND/FLAT)		
70mph WIND	85mph WIND	100mph WIND
16/10 (sqft)	3/2 (sqft)	--/--



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: REV.	BY: CHK.	DESCRIPTION	DATE

REFERENCE DRAWINGS:

DRAWING NUMBER	DRAWING NUMBER
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CUSTOMER.



DRAWING NO.
00001.610.0097

CONSENT OF CUSTOMER

SITE

SCALE:
115.000

DATE:

BY:	
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CHK:

APP:

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MAR 07

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MRH

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JB

FILE.

72' T200 TITAN TOWER

- 1) PRE-ASSEMBLED PART NUMBER 4.95.0208.000.
- 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.