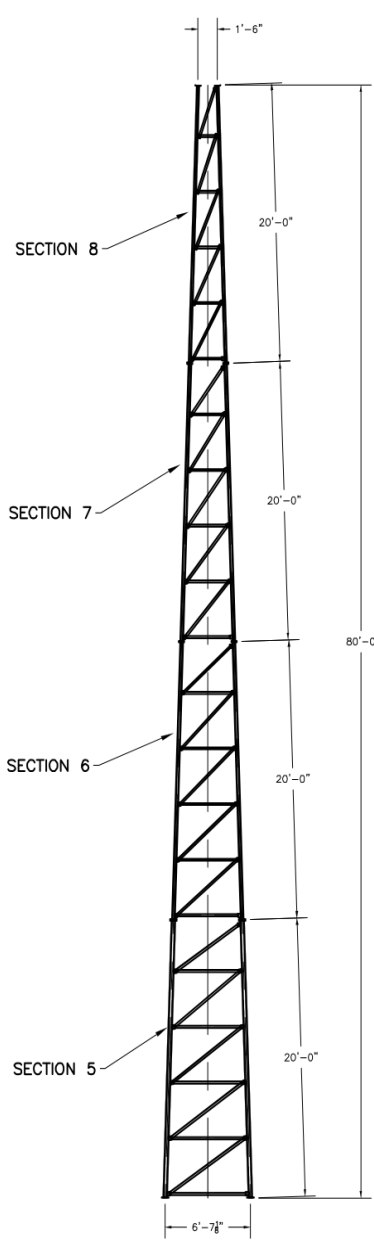


ASTM	
LEGS	2.875" x 0.203" L2 x 2 x 1/8
DIAGONALS	2.375" x 0.218" L1 3/4 x 1 3/4 x 1/8
GIRTS	2.375" x 0.154" L1 3/4 x 1 3/4 x 1/8
BRACE BOLTS	(4)-5/8"φ
SPLICE BOLTS	(4)-1/2"φ
ANCHOR BOLTS	(4)-1"φ (C1018 THREADED ROD)



According to ANSI/EIA-222-F 1996

90 mph/78 mph + 1/2" radial ice w/ (3 second gust) per OBC AND IBC				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	62.0 sq ft	34.44 sq ft	1400 lbs	80.0 ft
1/2" Ice	82.0 sq ft	45.56 sq ft	2000 lbs	80.0 ft
No Ice	140.0 sq ft	77.78 sq ft	3200 lbs	80 ft to 50 ft
1/2" Ice	174.0 sq ft	96.67 sq ft	4000 lbs	80 ft to 50 ft
(3)-7/8" coax Elevation 0 ft to 80 ft Coax to be equally distributed to three tower faces				
Climbing Ladder Elevation 0 ft to 80 ft				

70 mph/61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	65.0 sq ft	36.11 sq ft	1400 lbs	80.0 ft
1/2" Ice	86.0 sq ft	47.78 sq ft	2000 lbs	80.0 ft
No Ice	148.0 sq ft	82.22 sq ft	3200 lbs	80 ft to 50 ft
1/2" Ice	182.0 sq ft	101.11 sq ft	4000 lbs	80 ft to 50 ft
(3)-7/8" coax Elevation 0 ft to 80 ft Coax to be equally distributed to three tower faces				
Climbing Ladder Elevation 0 ft to 80 ft				

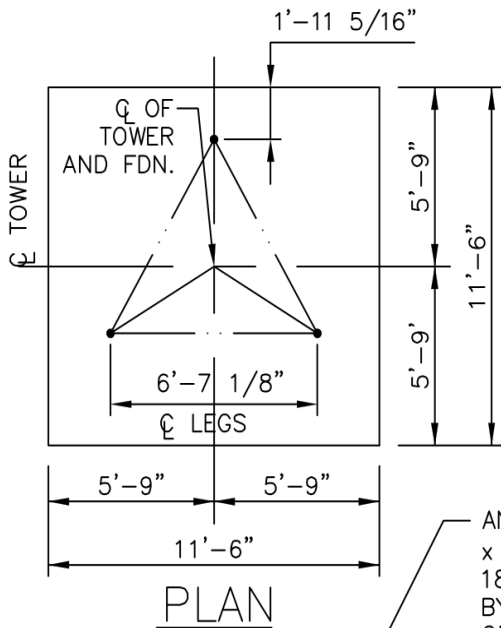


AMERITE
P.O. Box 29 Shelby, Ohio 44875
www.amertower.com
info@amertower.com
Telephone (419) 347-1185 Since 1953 Fax (419) 347-1654

80' HEAVY

By: DOW DATE: 12/21/02

DWG NO. 1057



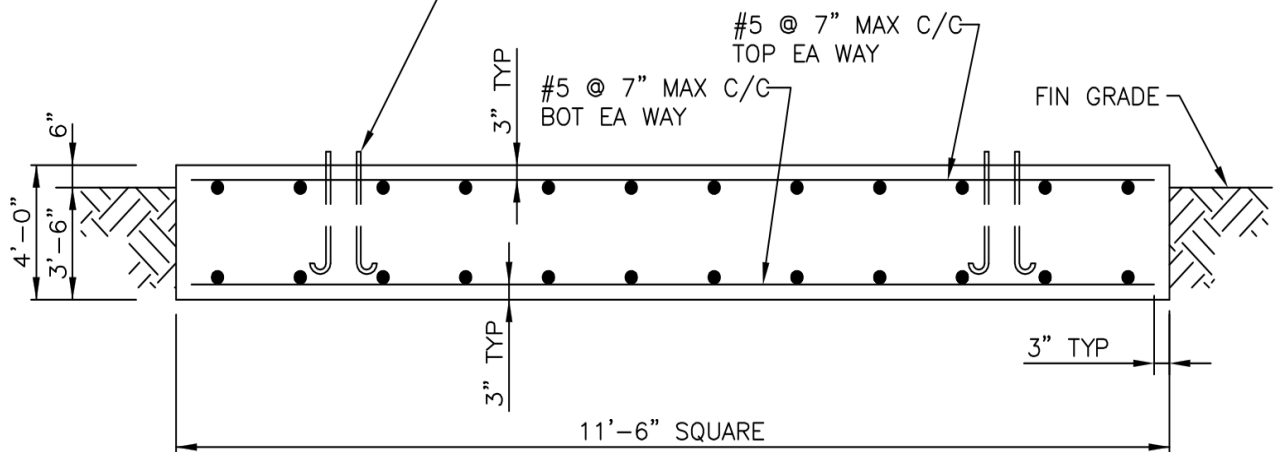
PLAN

ANCHOR BOLTS BY AMERICAN TOWER, 1"Ø x 3'-6" MIN EMBEDMENT INTO CONCRETE. 180° END HOOK PER ACI. SEE DRAWINGS BY AMERICAN TOWER FOR ANCHOR BOLT ORIENTATION.

NOTES:


1. ALL CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI @ 28 DAYS.
2. REINFORCING STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A615 (GRADE 60).
3. TOTAL CONCRETE = 19.6 CUBIC YARDS.
4. FOUNDATION DESIGN BASED UPON THE FOLLOWING:

ALLOW BEARING PRESSURE: 2000 PSF
 UNIT WEIGHT: 100 PCF
 WATER AND ROCK LOCATED BELOW FOOTING



MAT FOUNDATION

FOOTING MUST BEAR ON UNDISTURBED SOIL OR COMPACTED BACKFILL.

 P.O. Box 29 Shelby, Ohio 44875 www.amertower.com info@amertower.com Since 1953	
Telephone (419)347-1185	Fax (419) 347-1654
80' HEAVY FOUNDATION	
BY: DOW	DATE: 12/21/02
DWG NO. 1057 A	