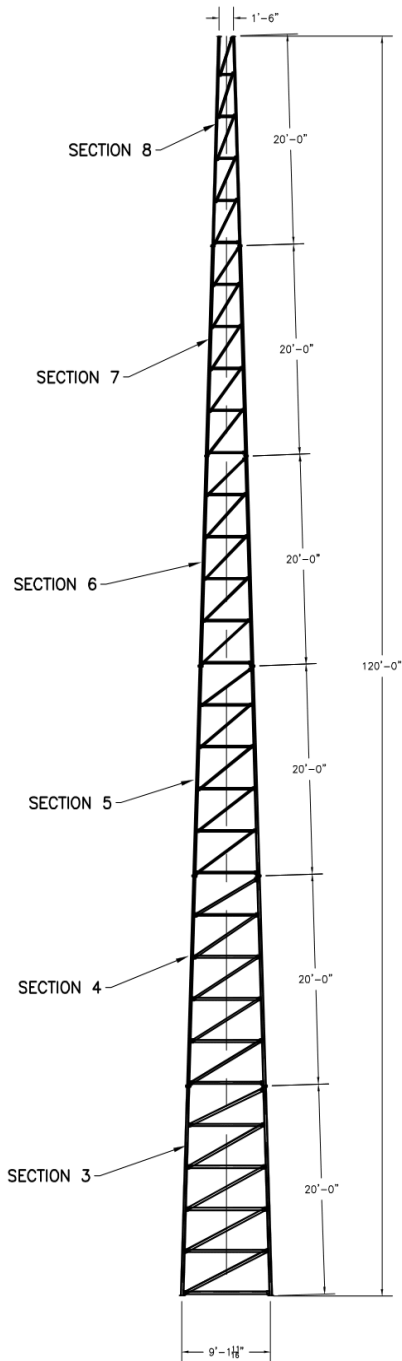


ASTM		*
LEGS	2.875" x 0.276"	1.9" x 0.145"
DIAGONALS	L2 1/2x2 1/2x3/16	L1 1/2x1 1/2x1/8
GIRTS	L3 x 3 x 3/16	L1 1/2x1 1/2x1/8
BRACE BOLTS	(1)-3/4"	GRADE 5
SPLICE BOLTS	(4)-3/4"	
ANCHOR BOLTS	(4)-1" (C1018 THREADED ROD)	
	(1)-5/8"	(4)-1/2"
	(4)-5/8"	
	2.875" x 0.203"	2.375" x 0.154"
	L2 x 2 x 1/8	L1 3/4 x 1 3/4 x 1/8
	L2 x 2 x 1/8	L1 3/4 x 1 3/4 x 1/8
	2.375" x 0.218"	2.375" x 0.154"
	L1 3/4 x 1 3/4 x 1/8	L1 3/4 x 1 3/4 x 1/8
	L1 3/4 x 1 3/4 x 1/8	L1 3/4 x 1 3/4 x 1/8



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	52.0 sq ft	28.89 sq ft	1200 lbs	120 ft
1/2" Ice	69.0 sq ft	38.33 sq ft	1800 lbs	120 ft
No Ice	100.0 sq ft	55.56 sq ft	3000 lbs	120 ft to 90 ft
1/2" Ice	120.0 sq ft	66.67 sq ft	3800 lbs	120 ft to 90 ft
(3)-7/8" coax Elevation 0 ft to 120 ft				
Coax to be equally distributed to three tower faces				
Climbing Ladder Elevation 0 ft to 120 ft				

70 mph/61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	55.0 sq ft	30.56 sq ft	1200 lbs	120 ft
1/2" Ice	72.0 sq ft	40.00 sq ft	1800 lbs	120 ft
No Ice	104.0 sq ft	57.78 sq ft	3000 lbs	120 ft to 90 ft
1/2" Ice	124.0 sq ft	68.89 sq ft	3800 lbs	120 ft to 90 ft
(3)-7/8" coax Elevation 0 ft to 120 ft				
Coax to be equally distributed to three tower faces				
Climbing Ladder Elevation 0 ft to 120 ft				



AMERITE

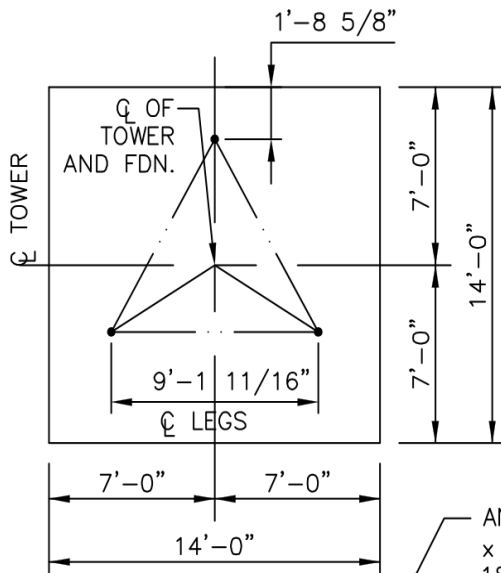
P.O. Box 29 Shelby, Ohio 44875
www.amertower.com
info@amertower.com
Since 1953

Telephone (419) 347-1185 Fax (419) 347-1654

120' HEAVY

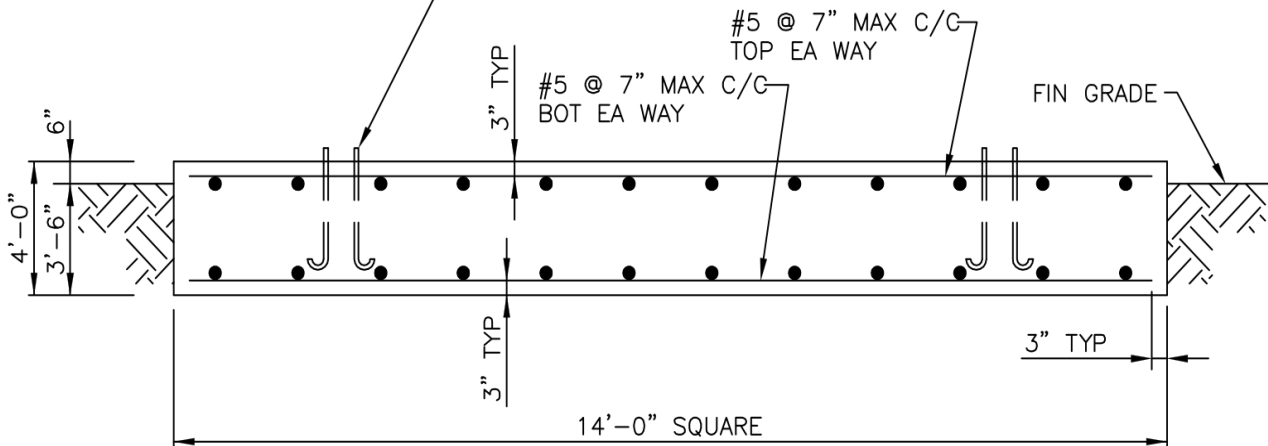
BY: DOW DATE: 12/21/02

DWG NO. 1055



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.




MAT FOUNDATION

FOOTING MUST BEAR ON UNDISTURBED SOIL OR COMPACTED BACKFILL.

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 = 29.1 CUBIC YARDS.
4. FOUNDATION DESIGN BASED UPON THE FOLLOWING:
 ALLOW BEARING PRESSURE: 2000 PSF
 UNIT WEIGHT: 100 PCF
 WATER AND ROCK LOCATED BELOW FOOTING

 P.O. Box 29 Shelby, Ohio 44875 www.amertower.com info@amertower.com Since 1953		Fax (419) 347-1654
Telephone (419) 347-1185		
120' HEAVY FOUNDATION		
BY: DOW		DATE: 12/21/02
DWG NO. 1055 A		