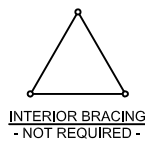
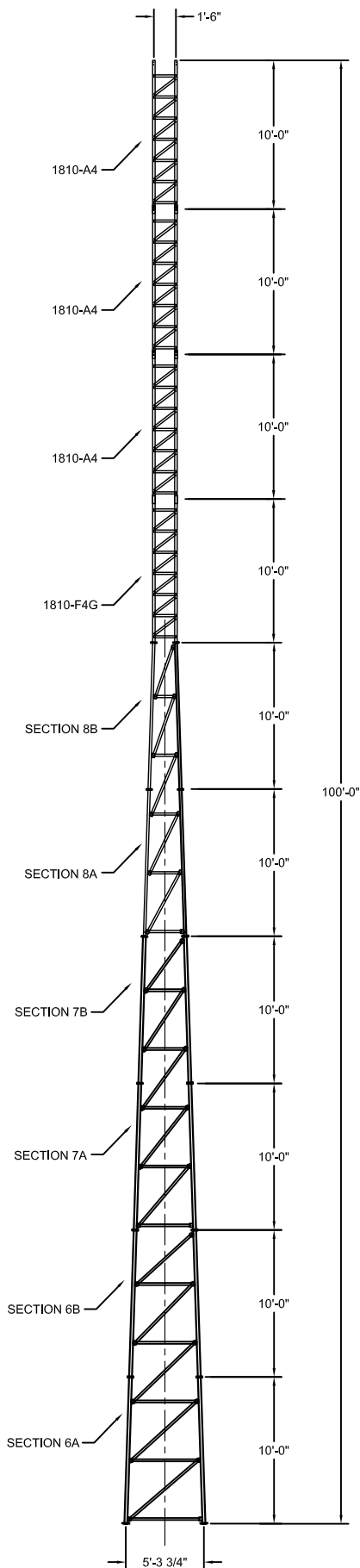


* PIPE LEGS 42 KSI MIN YIELD
 10 GA H.S. TUBE LEGS 50 KSI MIN YIELD

According to ANSI/EIA-222-F 1996

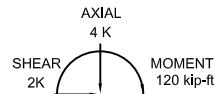
70mph / 60.62 mph + 1/2" radial ice w/ (3 second gust) per OBC AND IBC			
	CaAa	Flat Plate Area	Weight
No Ice	9 sq ft	5 sq ft	100 lbs.
1/2" Ice	5.5 sq ft	3.06 sq ft	150 lbs.
(1) - 7/8" coax Elevation 0 ft to 100 ft			
Climbing Ladder Elevation 0 ft to 60 ft			

ASTM	
*	A36
GRADE	5
LEGS	2.0" x 10 GA
DIAGONALS	L3/4" x 3/4" x 1/8"
GIRTS	L1-1/4" x 1-1/4" x 1/8"
BRACE BOLTS	-SHOP WELDED-
SPICE BOLTS	(9) - 1/2"
ANCHOR BOLTS	(4) - 7/8" (C1018 THREADED ROD)
	1.9" x 0.145"
	L1-1/2" x 1-1/2" x 1/8"
	L1-1/2" x 1-1/2" x 1/8"
	(33) - 5/8"
	(12) - 1/2"
	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"
	(33) - 5/8"
	(12) - 1/2"
	2.375" x 0.218"
	L1-3/4" x 1-3/4" x 1/8"
	L1-3/4" x 1-3/4" x 1/8"
	(33) - 5/8"
	(12) - 1/2"

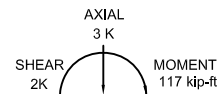


MAX. CORNER REACTIONS AT BASE:

DOWN: 28 K
 UPLIFT: -24 K
 SHEAR: 2 K



TORQUE 0 kip-ft
 60.62 mph WIND - 0.50 in ICE

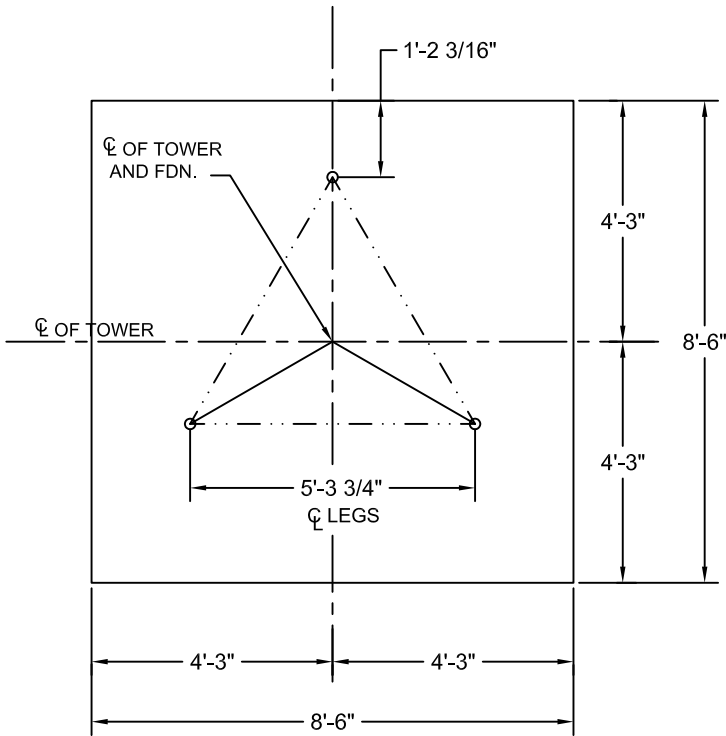


TORQUE 0 kip-ft
 REACTIONS - 70.00 mph WIND

AMERICAN TOWER COMPANY
 ISO 9001 - 2000
 P.O. Box 29 Shelby, OH 44875
 Telephone info@amertower.com Fax
 (419) 347-1185 Since 1953 (419) 347-1654

TITLE 100' KA SERIES
 SELF SUPPORTING TOWER

SIZE A	DWG NO 1444	Sht. # 1
DRAWN BY: RAS		DATE: 10/10/08



PLAN

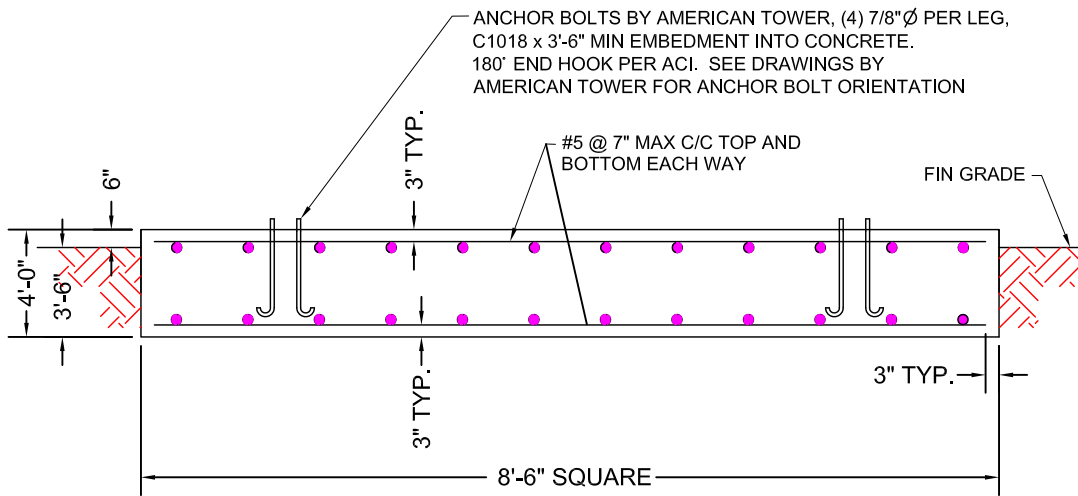
NOTES:

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 = 10.7 CUBIC YARDS.
4. FOUNDATION DESIGN BASED UPON THE FOLLOWING:

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

FOOTING MUST BEAR ON UNDISTURBED SOIL OR COMPACTED BACKFILL.

HORIZ. = 2k
 COMP. = 2k
 OTM = 120k-ft.



MAT FOUNDATION

AMERICAN TOWER COMPANY			
ISO 9001 - 2000			
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info@amertower.com		www.amertower.com	
Since 1953			
TITLE			
100' KA SERIES FOUNDATION			
SIZE		DWG NO	SHT. #
A		1444A	2
DRAWN BY: RAS			DATE: 10/10/08