



90 mph / 78 mph + 1/2" radial ice (3 second gust) per OBC and IBC				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	158 sq ft	88 sq ft	200 lbs	10.0 ft
1/2" Ice	216 sq ft	120 sq ft	400 lbs	10.0 ft
(1)-1/2" coax Elevation 0 ft to 10 ft				
70 mph / 61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	142 sq ft	79 sq ft	200 lbs	10.0 ft
1/2" Ice	193 sq ft	107 sq ft	400 lbs	10.0 ft
(1)-1/2" coax Elevation 0 ft to 10 ft				

INTERIOR BRACING
- NOT REQUIRED -

FOUNDATION REACTIONS
TOTAL MOMENT: 23.7 FT-KIPS
TOTAL SHEAR: 2 KIPS
TOTAL DOWNLOAD: 1 KIPS

1.3	18	1197	1.25 x 1.25 x 3/16 A36 ANGLE - DIAGONAL
1.2	21	1195	1.25 x 1.25 x 3/16 A36 ANGLE - HORIZONTAL
1.1.2	1	1199	FOOT PAD
1.1.1	1	1198	2"O.D. x 10 GA. (.134) x 9'-11 11/16, A-513 (50 kpsi MIN YIELD)
1.1	3	1200	LEG WELDMENT
1	1	1201	1810-F4G TOWER BASE
ITEM	QTY	PART NUMBER	DESCRIPTION

Parts List



P.O. Box 29 Shelby, Ohio 44875

Telephone info@amertower.com Fax
(419) 347-1185 www.amertower.com (419) 347-1654
Since 1953

TITLE
10' FREE STANDING, 1810
18" TRIANGULAR STEEL TOWER

SIZE DWG NO SHT. #
B 1304 1

DRAWN BY: DOW DATE 6/18/2005