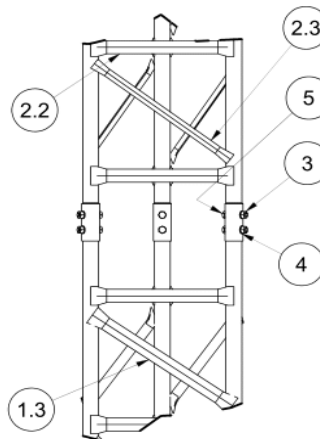


90 mph/78 mph + 1/2" radial ice (3 second gust) per OBC and IBC				
	CaAs	Flat Plate Area	Weight	Elevation
No Ice	50 sq ft	28 sq ft	200 lbs	30.0 ft
1/2" Ice	66 sq ft	37 sq ft	400 lbs	30.0 ft
(1)-1/2" coax Elevation 0 ft to 30 ft				

70 mph/61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAs	Flat Plate Area	Weight	Elevation
No Ice	50 sq ft	28 sq ft	200 lbs	30.0 ft
1/2" Ice	65 sq ft	36 sq ft	400 lbs	30.0 ft
(1)-1/2" coax Elevation 0 ft to 30 ft				

INTERIOR BRACING
- NOT REQUIRED -

FOUNDATION REACTIONS
TOTAL MOMENT: 30.7 FT-KIPS
TOTAL SHEAR: 1 KIPS
TOTAL DOWNLOAD: 1 KIPS



DETAIL B

ITEM	QTY	PART NUMBER	DESCRIPTION
5	12		A325, 1/2-13 UNC x 3 LG.
4	12		A325, 1/2" WASHER
3	12		A325, 1/2-13 UNC HEX NUT
2.3	18	1196	0.75 x 0.75 x 3/16 A36 ANGLE - DIAGONAL
2.2	21	1195	1.25 x 1.25 x 3/16 A36 ANGLE - HORIZONTAL
2.1.2	1	1192	2 1/4"O.D. x 1/8 WALL x 0'-5, A-513 (50 kpsi MIN YIELD)
2.1.1	1	1191	2"O.D. x 10 GA. (.134) x 10'-0, A-513 (50 kpsi MIN YIELD)
2.1	3	1193	LEG WELDMENT
2	2	1194	1810-A4 MID-SECTION
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

Parts List

AMERITE
Structural Steel Tower

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

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

SIZE B	DWG NO 1302	SHT. # 1
DRAWN BY: DOW	DATE 6/18/2005	