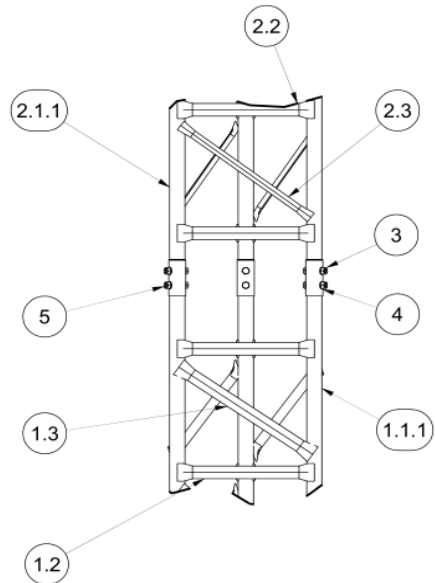


90 mph / 78 mph + 1/2" radial ice (3 second gust) per OBC and IBC				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	6.5 sq ft	3.6 sq ft	80 lbs	60.0 ft
1/2" Ice	6.2 sq ft	3.4 sq ft	120 lbs	60.0 ft
(1)-1/2" coax Elevation 0 ft to 60 ft				
70 mph / 61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	5.6 sq ft	3.1 sq ft	80 lbs	60.0 ft
1/2" Ice	5.1 sq ft	2.8 sq ft	120 lbs	60.0 ft
(1)-1/2" coax Elevation 0 ft to 60 ft				

INTERIOR BRACING  
- NOT REQUIRED -

FOUNDATION REACTIONS

TOTAL MOMENT: 34.3 FT-KIPS  
TOTAL SHEAR: 1 KIPS  
TOTAL DOWNLOAD: 2 KIPS



DETAIL A

5	30		A325, 1/2-13 UNC x 3 LG.
4	30		A325, 1/2" WASHER
3	30		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	5	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
ITEM	QTY	PART NUMBER	DESCRIPTION

Parts List



P.O. Box 29 Shelby, Ohio 44875

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

SIZE B DWG NO 1301 SHT. # 1

DRAWN BY: DOW DATE 6/18/2005