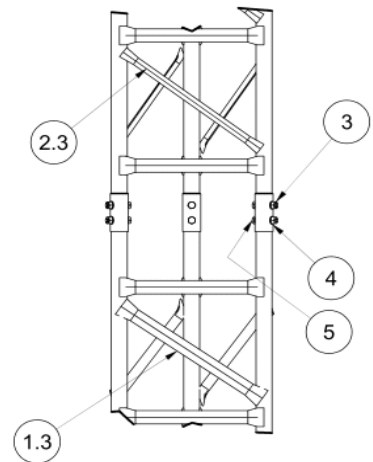


90 mph/78 mph + 1/2" radial ice (3 second gust) per OBC and IBC				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	85 sq ft	47 sq ft	200 lbs	20.0 ft
1/2" Ice	115 sq ft	64 sq ft	400 lbs	20.0 ft
(1)-1/2" coax Elevation 0 ft to 20 ft				
70 mph/61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	80 sq ft	44 sq ft	200 lbs	20.0 ft
1/2" Ice	108 sq ft	60 sq ft	400 lbs	20.0 ft
(1)-1/2" coax Elevation 0 ft to 20 ft				

**INTERIOR BRACING  
- NOT REQUIRED -**

**FOUNDATION REACTIONS**  
**TOTAL MOMENT: 28.6 FT-KIPS**  
**TOTAL SHEAR: 2 KIPS**  
**TOTAL DOWNLOAD: 1 KIPS**



**DETAIL C**

ITEM	QTY	PART NUMBER	DESCRIPTION
5	6		A325, 1/2-13 UNC x 3 LG.
4	6		A325, 1/2" WASHER
3	6		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	1	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



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**TITLE**  
**20' FREE STANDING, 1810**  
**18" TRIANGULAR STEEL TOWER**

SIZE  
B

DWG NO  
1303

SHT. #  
1

DRAWN BY:

DOW

DATE 6/18/2005