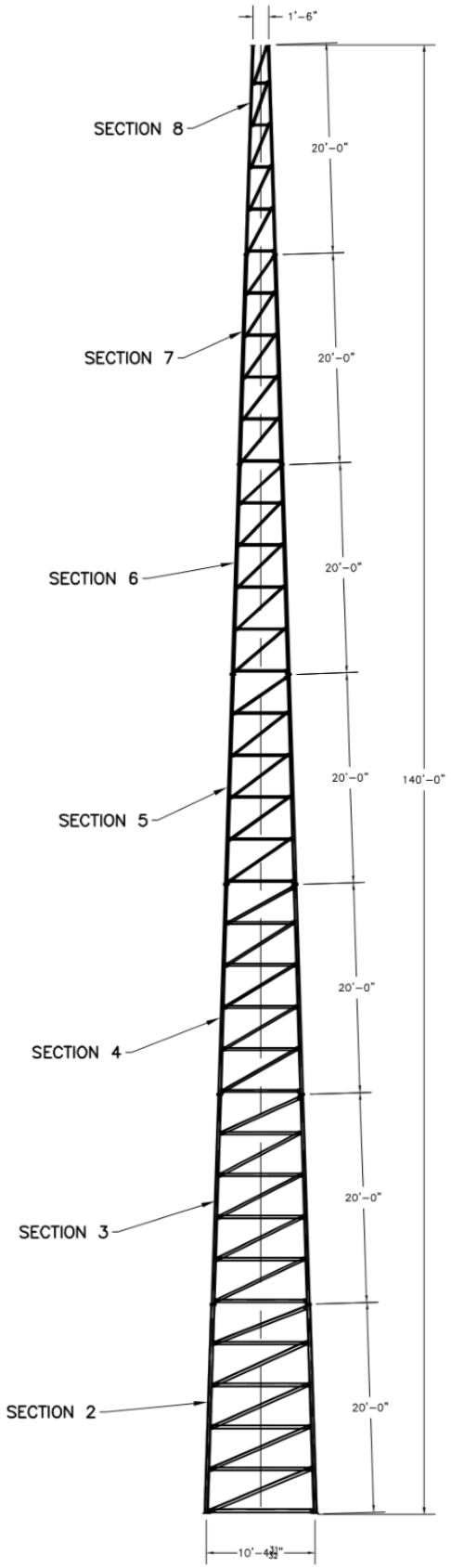
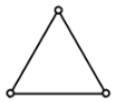
											ASTM	
											*	
											A36	GRADE 5
LEGS	3.5" x 0.300"	2.875" x 0.276"			2.875" x 0.203"	2.375" x 0.218"	2.375" x 0.154"	1.9" x 0.145"				
DIAGONALS	L3 1/2x3 1/2x1/4	L3 x 3 x 3/16	L2 1/2x2 1/2x3/16		L2 x 2 x 1/8	L1 3/4 x 1 3/4 x 1/8		L1 1/2x1 1/2x1/8				
GIRTS	L3 1/2x3 1/2x1/4	L3 x 3 x 3/16	L2 1/2x2 1/2x3/16		L2 x 2 x 1/8	L1 3/4 x 1 3/4 x 1/8		L1 1/2x1 1/2x1/8				
BRACE BOLTS	(1)-3/4"ø				(1)-5/8"ø							
SPLICE BOLTS	(4)-7/8"ø	(4)-3/4"ø			(4)-5/8"ø			(4)-1/2"ø				
ANCHOR BOLTS	(4)-1"ø (C1018 THREADED ROD)											



According to ANSI/EIA-222-F 1996

90 mph/78 mph + 1/2" radial ice w/ (3 second gust) per OBC AND IBC				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	50.0 sq ft	27.78 sq ft	1200 lbs	140 ft
1/2" Ice	67.0 sq ft	37.22 sq ft	1800 lbs	140 ft
No Ice	93.0 sq ft	51.67 sq ft	2500 lbs	140 ft to 110 ft
1/2" Ice	112.0 sq ft	62.22 sq ft	3200 lbs	140 ft to 110 ft
(3)-7/8" coax Elevation 0 ft to 140 ft Coax to be equally distributed to three tower faces				
Climbing Ladder Elevation 0 ft to 140 ft				

70 mph/61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F				
	CaAa	Flat Plate Area	Weight	Elevation
No Ice	53.0 sq ft	29.44 sq ft	1200 lbs	140 ft
1/2" Ice	70.0 sq ft	38.89 sq ft	1800 lbs	140 ft
No Ice	95.0 sq ft	52.78 sq ft	2500 lbs	140 ft to 110 ft
1/2" Ice	113.0 sq ft	62.78 sq ft	3200 lbs	140 ft to 110 ft
(3)-7/8" coax Elevation 0 ft to 140 ft Coax to be equally distributed to three tower faces				
Climbing Ladder Elevation 0 ft to 140 ft				



INTERIOR BRACING
– NOT REQUIRED –

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DWG NO. 1054