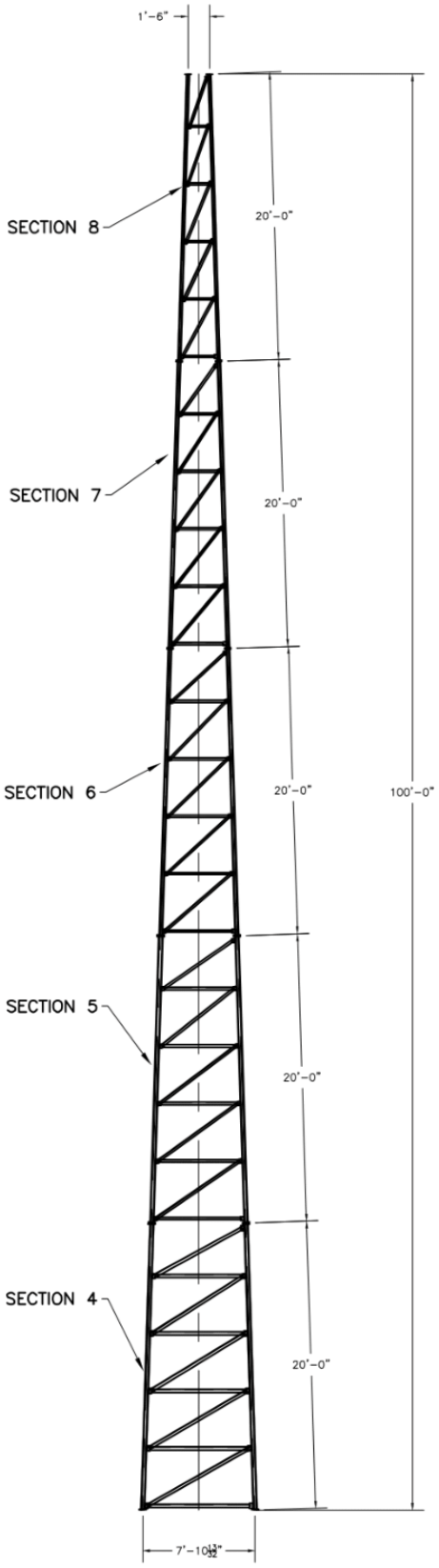


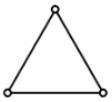

| | | | | | |
|---|---|---|---|---|---|
| | | | ASTM | | |
| LEGS | 2.875" x 0.276" | 2.875" x 0.203" | 2.375" x 0.218" | 2.375" x 0.154" | 1.9" x 0.145" | * |
| DIAGONALS | L2 1/2 x 2 1/2 x 3/16 | L2 x 2 x 1/8 | L1 3/4 x 1 3/4 x 1/8 | | L1 1/2 x 1 1/2 x 1/8 | A36 |
| GIRTS | L2 1/2 x 2 1/2 x 3/16 |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

A03-T024-PROFILE

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 | 54.0 sq ft | 30.00 sq ft | 1400 lbs | 100 ft |
| 1/2" Ice | 72.0 sq ft | 40.00 sq ft | 2000 lbs | 100 ft |
| No Ice | 119.0 sq ft | 66.11 sq ft | 3200 lbs | 100 ft to 70 ft |
| 1/2" Ice | 144.0 sq ft | 80.00 sq ft | 4000 lbs | 100 ft to 70 ft |
| (3)-7/8" coax Elevation 0 ft to 100 ft<br>Coax to be equally distributed to three tower faces | | | | |
| Climbing Ladder Elevation 0 ft to 100 ft | | | | |

| 70 mph/61 mph + 1/2" radial ice (Fastest MPH) per EIA-222-F | | | | |
|---|---|---|---|---|
| | CaAa | Flat Plate Area | Weight | Elevation |
| No Ice | 57.0 sq ft | 31.67 sq ft | 1400 lbs | 100 ft |
| 1/2" Ice | 76.0 sq ft | 42.22 sq ft | 2000 lbs | 100 ft |
| No Ice | 125.0 sq ft | 69.44 sq ft | 3200 lbs | 100 ft to 70 ft |
| 1/2" Ice | 150.0 sq ft | 83.33 sq ft | 4000 lbs | 100 ft to 70 ft |
| (3)-7/8" coax Elevation 0 ft to 100 ft<br>Coax to be equally distributed to three tower faces | | | | |
| Climbing Ladder Elevation 0 ft to 100 ft | | | | |



INTERIOR BRACING
– NOT REQUIRED –

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100'
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BY: DOW | DATE: 12/21/02

DWG NO. 1056