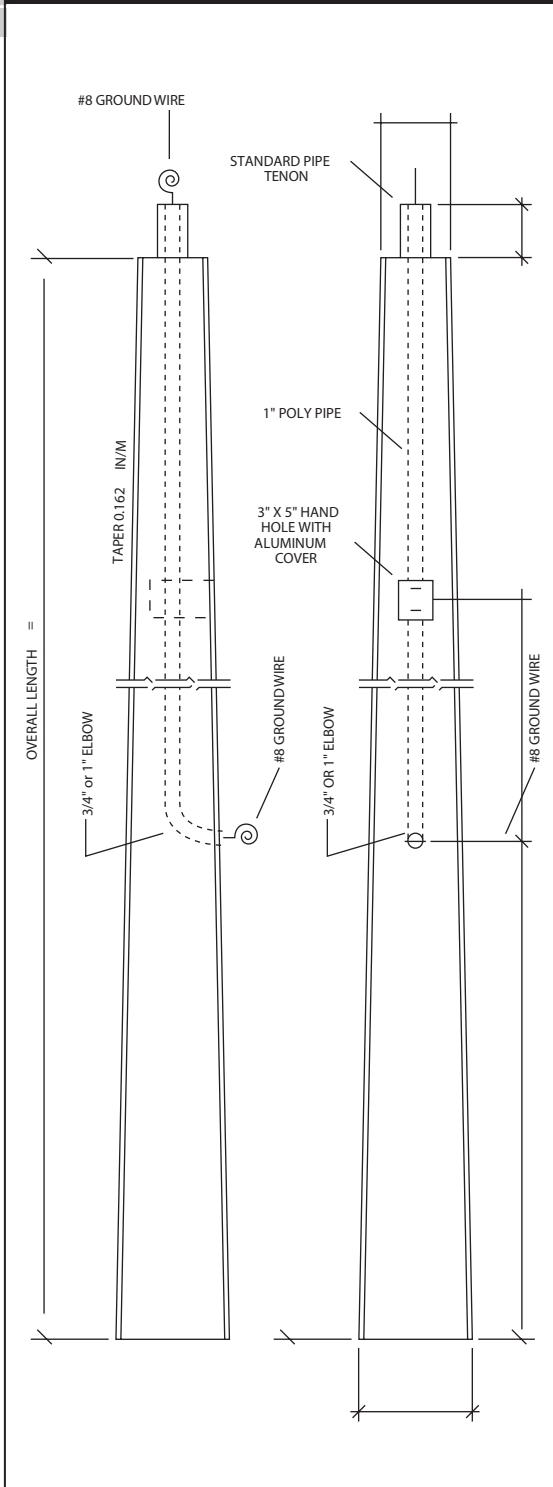


CONCRETE POLE

SPECIFICATIONS



| | | | | |
|--------------------------|------------|-----|-----|-----|
| LENGTH OF POLE : | _____ FT. | | | |
| EMBEDMENT SPECIFIED : | _____ FT. | | | |
| HEIGHT ABOVE GROUND : | _____ FT. | | | |
| WEIGHT : | _____ LBS. | | | |
| WIND VELOCITY (MPH) : | 150 | 160 | 170 | 180 |
| MAXIMUM EPA* (SQ. FT.) : | | | | |

Above embedment show in rock. Other embedment depth may be required in other soil conditions.

| STANDARD PIPE TENON SIZE | |
|--------------------------|------------------------|
| NOMINAL DIAMETER (IN.) | OUTSIDE DIAMETER (IN.) |
| 2" | 2 3/8" |
| 2 1/2" | 2 7/8" |
| 3" | 3 1/2" |
| 3 1/2" | 4" |
| 4" | 4 1/2" |

Please order tenon by nominal diameter.

Approved By: _____ Project Name: _____

Location: _____ Date: _____

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CONCRETE POLE

MAXIMUM EPA EMBEDMENT IN SAND

| POLE LENGTH | SHAFT TYPE | SIZE TIP-BUTT | WEIGHT LBS. | PU LBS. | EMBEDDED LENGTH IN SAND | 150 MPH EPA | 160 MPH EPA | 170 MPH EPA | 180 MPH EPA |
|-------------|------------|---------------|-------------|---------|-------------------------|-------------|-------------|-------------|-------------|
| 17' | I | 4.5" - 7.25" | 600 | 1200 | 7' | 10.8 | 8.6 | 6.6 | 5.0 |
| 22' | I | 4.5" - 8" | 900 | 1200 | 7' | 7.6 | 5.6 | 4.2 | 2.9 |
| 28' | I | 5" - 9.5" | 1530 | 1300 | 8' | 9.8 | 7.2 | 5.0 | 3.2 |
| 34' | I | 5" - 10.5" | 2130 | 1300 | 9' | 12.0 | 8.8 | 6.2 | 3.8 |
| 34' | II | 6" - 12" | 2700 | 2400 | 9' | 12.4 | 9.0 | 6.0 | 3.6 |
| 40' | III | 6" - 12.5" | 3560 | 2600 | 10' | 15.0 | 10.8 | 7.2 | 4.4 |
| 45' | III | 6" - 13.3" | 4180 | 2600 | 10' | 8.7 | 4.8 | 1.6 | --- |
| 46' | III | 6" - 13.5" | 4570 | 2600 | 11' | 18.1 | 13.1 | 8.9 | 5.5 |
| 50' | III | 6.5" - 14.1" | 5560 | 3500 | 10' | 2.6 | --- | --- | --- |
| 51' | III | 6.5" - 14.8" | 6060 | 3500 | 11' | 12.0 | 7.0 | 3.0 | --- |
| 58' | III | 6.5" - 16" | 7700 | 3500 | 13' | 29.8 | 22.2 | 16.0 | 10.8 |
| 63' | III | 6.5" - 14.8" | 9030 | 3500 | 13' | 29.2 | 20.8 | 14.8 | 9.6 |

MAXIMUM EPA EMBEDMENT IN ROCK

| POLE LENGTH | SHAFT TYPE | SIZE TIP-BUTT | WEIGHT LBS. | PU LBS. | EMBEDDED LENGTH IN ROCK | 150 MPH EPA | 160 MPH EPA | 170 MPH EPA | 180 MPH EPA |
|-------------|------------|---------------|-------------|---------|-------------------------|-------------|-------------|-------------|-------------|
| 15' | I | 4.5" - 7" | 500 | 1200 | 5' | 11.0 | 8.0 | 7.0 | 3.0 |
| 20' | I | 4.5" - 7.75" | 770 | 1200 | 5' | 3.5 | 1.4 | --- | --- |
| 22' | I | 4.5" - 8.1" | 1200 | 1200 | 7' | 26.0 | 22.0 | 18.0 | 14.0 |
| 27' | I | 5" - 9.38" | 1440 | 1300 | 7' | 17.0 | 12.0 | 8.0 | 4.0 |
| 32' | I | 5" - 10" | 1920 | 1300 | 7' | 14.0 | 11.0 | 9.0 | 5.0 |
| 37' | I | 6" - 12" | 3110 | 1300 | 7' | 13.0 | 10.0 | 8.0 | 5.0 |
| 27' | II | 6" - 10.38" | 1860 | 1300 | 7' | 27.0 | 18.0 | 13.0 | 7.0 |
| 32' | II | 6" - 11.1" | 2440 | 2400 | 7' | 17.0 | 14.0 | 11.0 | 9.3 |
| 37' | III | 6.5" - 14.1" | 5560 | 3500 | 7' | 14.9 | 9.0 | 7.0 | 5.8 |
| 43' | III | 6" - 13" | 4050 | 2600 | 8' | 17.7 | 11.0 | 7.1 | 4.4 |
| 50' | III | 6.5" - 14.6" | 5840 | 3500 | 10' | 23.8 | 19.9 | 15.8 | 11.5 |
| 55' | III | 6.5" - 15.5" | 6970 | 3500 | 10' | 31.0 | 16.9 | 12.6 | 8.2 |
| 60' | III | 6.5" - 16.2" | 8220 | 3500 | 10' | 27.0 | 14.4 | 9.9 | 5.2 |

Approved By: _____ Project Name: _____

Location: _____ Date: _____

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