

[illegible]

1. Survival Wind Speed: 110 mph (49.2 m/s)-(3 sec gust)
  - Exposure C
  - Class II
  - Topo 1
2. Design and Welding Codes:
  - TIA-222-G (DS1)
  - AWS D1.1
3. Material
  - Pole: ASTM A572 GR55 (or equivalent - Q355B)
  - Baseplate: ASTM A572 GR50 (or equivalent - Q345B)
  - Flange/ Plate: ASTM A572 GR50 (or equivalent - Q345B)
  - Standard Structural Members: A36 (or equivalent - Q235B)
5. Deflection: <2% at 60mph (22.5 m/s)
6. Pole is 8 sided (optional Round)
7. Finish: Hot dip Galvanizing per ASTM A123
8. Anchor Bolts: (4x) M24x3 x 165mm Full Thread GR 8.8
  - (Optional) 1-8 x 6.5" Full Thread, ASTM F1554 GR55 or A325
  - Galv. per ASTM F2329
  - (3x) Nut, (4x) Washer (ea.)

| Pole Section           | #1(DB)     | #2           | #3          |
|------------------------|------------|--------------|-------------|
| Thickness (mm)/ (in)   | 4/ 0.158   | 4/ 0.158     | 4/ 0.158    |
| Length (m)/ (ft)       | 2.2/ 7.22  | 3.188/ 10.46 | 4.319/14.17 |
| Top Dia. (mm)/ (in)    | 240/ 9.45  | 166/ 6.54    | 111/ 4.37   |
| Bottom Dia. (mm)/ (in) | 275/ 10.83 | 216/ 8.5     | 179/ 7.05   |
| Min Slip (mm)/ (in)    | NA         | NA           | 300/ 11.8   |
| Weight (kg)/ (lb)      | 121/ 266   | 85/ 187      | 61/ 134     |

|   |  |   |  |   |  |   |  |
|---|--|---|--|---|--|---|--|
| <p><b>Total Weight</b><br/> <b>267 kg (587.5 lb)</b><br/>                 Does not include anchor bolts,<br/>                 templates or flange bolts</p> |  | <p><b>CAD-generated drawing</b><br/>                 do not manually update</p> |  | <p><b>ARE</b><br/>                 ELECTRIC</p>   |  | <p>ARE Telecon &amp; Wind<br/>                 1043 Grand Ave., #213<br/>                 St Paul, MN 55105<br/>                 (651) 330 1263</p> |  |
| <p><b>APPROVALS</b></p>   |  | <p><b>DATE</b></p>  |  | <p><b>25ft 3SSJ 5T Hyd DB Pole</b></p>  |  |   |  |
| <p><b>DRAWN</b> MGC</p>   |  | <p>11/17/20</p>   |  | <p><b>CHECKED</b></p>   |  |   |  |
| <p><b>MATERIAL</b> See Notes</p>  |  | <p><b>RESP ENG</b></p>  |  | <p>CAD file :</p>   |  |   |  |
| <p><b>FINISH</b> See Notes</p>  |  | <p><b>MFG ENG</b></p>   |  | <p>Details and dimensions<br/>                 not shown on this drawing<br/>                 can be found in CAD file.</p> |  |   |  |
| <p><b>DO NOT SCALE DRAWING</b></p>  |  | <p><b>QUAL ENG</b></p>  |  | <p>scale NA rev. C-1 size NA sheet 1 of 2</p>   |  |   |  |

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