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**Notes:**

- **CONSTRUCTION:** Reference to the type of construction.
- **DESCRIPTION:** Details of the construction.
- **DWG No.:** Drawing number for each description.

*Ergon Energy Corporation Ltd*

ABN 50 087 646 062

**Index:**

- **CONCRETE POLE MANUFACTURING DETAILS**
- **ABS POLE MANUFACTURING DETAILS**

**Drawing:** 5-23-1-1
NOTES
1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/-2 mm tolerance between them and +/-2 mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.
6. No climbing access to ABS pole.

POLE DESIGN LOADS
Pole is to be designed for:
1. A strength limit state tip load of H* = 30kN
2. A strength limit state tip moment capacity of M* = 30kNm
3. Limit state loads at through tubes
   M16 Bolt V = 50kN
   M20 Bolt V = 60kN

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-12-3-1 for pole construction
NOTES

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 2 mm tolerance between them and +/- 2 mm orientation tolerance.
3. Longitudinal capacities to be not less than transverse capacities.
4. Stainless steel tubes are to be accurately positioned and free from concrete and deformity.
5. A nominal Ø10 vent hole is required at the centre of the through tube provided for square rigging.
6. No climbing access to ABS pole.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-12-8-2 for pole construction