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This document appears to be a technical specification or engineering drawing related to power transmission poles, specifically concrete poles for overhead sub-transmission. The document includes detailed information about the components, fittings, and design requirements for these poles, with specific focus on the materials, sizes, and locations of various components. It provides a comprehensive guide for setting up and constructing poles, including details on how to identify and install different parts such as fittings, bolts, and markers.

Key sections of the document include:

- **Limit State Design Load (kN)**: This specifies the maximum load the pole can withstand without structural failure.
- **Structure Type**: Describes the type of pole and its intended use.
- **Materials and Specifications**: Lists the materials used, such as stainless steel tubes and ferrules, with specific dimensions and thread lengths.
- **Orientation**: Defines how the poles are oriented, typically clockwise when looking down on the pole tip.
- **Fittings and Description**: Provides a detailed table of fittings and their descriptions, including bolt sizes, thread lengths, and other relevant details.
- **Notes**: Offers guidance on various aspects of pole installation and maintenance, including orientation, material handling, and usability.

Technical drawings and diagrams are also included to visually represent the pole and its components, aiding in the understanding of the design and installation process. The document is rich in technical detail and serves as a comprehensive guide for those involved in the design, construction, and maintenance of power transmission poles.
NOTES

1. Orientation is measured clockwise when looking down on pole tip.
2. Bracketed fittings require +/- 2mm tolerance between them and +/- 2mm 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. Temporary stays may be required during construction.

Refer dwg 5-7-3-1 for Foundations
Refer dwg 5-4-13-2 for pole with crossarms 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 Ø610 vent hole is required at the centre of the through tube provided for square nagging.
6. Temporary stays may be required during construction.
7. Pole manufacturer to nominate joint locations on poles above 24m.

Refer dwg 5-7-3-1 for Foundations
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