NOTES:

1. All materials and construction shall conform to the requirements of the Specifications.

2. The pole shall be 0 gauge tapered steel. Alternate: The top ten feet of pole may be 10 or 11 gauge.

3. Four 1 1/4" - 7 high strength bolts are required for signal mast arms ASTM A 325.

4. See T.S. 4-20 detail "B" for anchor bolt details. Each anchor bolt shall have four hex nuts and two flat washers.

5. Anchor bolts shall project 4 1/2" above the foundation.


7. Conduit shall project a minimum of 2" above the foundation. Maximum projection shall be 4".

8. The foundation hole shall be augered and class "S" (3000 PSI) concrete poured against undisturbed compacted earth.


10. A 25' coil of No. 4 AWG bare copper conductor shall be installed before the concrete is poured and connected to pole grounding screw in the base hole.

11. For inboard tenon, when specified, see tenon detail on T.S. 9-1.

MAST ARM INFORMATION

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**First 25' of 45° & 55° Mast Arms and first 20' of 50° Mast Arms shall be 0 Gauge. The remainder shall be 3 Gauge.**

Pole Base

Foundation Plan

Hand Hole See T.S. 4-17

See Note 6

(3) No. 7 Vertical Rebars

3/8" Dia. Cold Drawn

Steel Wire Spiral Cages

With 3 Pitch

See Note 4

See Note 8

See Note 9

See Note 10

3" Dia.