



- NOTES:**
1. All materials and construction shall conform to the requirements of the Specifications.
 2. Mast arms require four 1 1/4" - 7 high strength bolts ASTM A 325.
 3. See T.S.4-20 detail "B" for anchor bolt details. Each anchor bolt shall have four hex nuts and two flat washers.
 4. Anchor bolts shall project 4 1/2" above the foundation.
 5. Block out for leveling nuts. See specs. for grout.
 6. Conduit shall project a minimum of 2" and a maximum of 4" above the foundation.
 7. The foundation hole shall be augered and class "S" (3000 PSI) concrete poured against undisturbed, compacted earth.
 8. Unstable soil may require deeper foundation. See Specifications.
 9. 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 hand hole.
 10. For inboard tenon, when specified, see tenon detail on T.S. 9-1.

MAST ARM INFORMATION				
NOM. M.A LENGTH	45	50	55	
GAUGE	0 8/3	0 8/3	0 8/3	
A	1 1/2"	1 1/2"	1 1/2"	
B	10 1/16"	10 3/4"	11 7/16"	

▼ 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

DESIGN APPROVED <i>[Signature]</i> 12/12/87	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS	REV. 11-23-87
APPROVED FOR DISTRIBUTION <i>[Signature]</i>	TYPE "K" POLE AND MAST ARM	DRAWING NO. T.S. 4-11