NOTES:

1. All materials and construction shall conform to the requirements of the Specifications.
2. See T.S. 4-20 detail "B" for anchor bolt details. Each anchor bolt shall have four hex nuts and two flat washers.
3. Anchor bolts shall project 3" above the foundation.
4. Block out for leveling nuts. See specs for goul.
5. Conduit shall project a minimum of 2" above the foundation. Maximum projection shall be 4".
6. Unstable soil may require deeper foundation. See Specifications.
7. 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.
8. The foundation hole shall be dugout and class "B" (3,000 PSI) concrete poured against undisturbed compacted earth.

**MAST ARM & TAPERED POLE DATA**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>NOMINAL ARM LENGTH</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4'</td>
</tr>
<tr>
<td>Pole Ga.</td>
<td>10 or 3/10</td>
</tr>
<tr>
<td>B</td>
<td>4'</td>
</tr>
<tr>
<td>C</td>
<td>2'</td>
</tr>
</tbody>
</table>

**POLE BASE**

- 2" Std. Pipe
- 2" R. Typ
- Galvanized Nut and Lock Washer (8 Req'd)
- Arm Drilled And Dimpled Or Use Tapered Washers To Permit Straight Tie Rods
- Tear Drop Pattern Optional

**FOUNDATION PLAN**

- 11'/2" Dia Bolt Circle
- See Note 4
- See Note 5
- See Note 6
- See Note 7

**POLE**

- Lum. M.A. Length
- POLE BASE
- T.S. 4-4-4 | 4 thru 8 | Std. Base
- T.S. 4-4-5 | 10 thru 20 | Std. Base
- T.S. 4-4-3 | 4 thru 8 | 2'x 8' | 4 thru 8
- T.S. 4-4-3 | 10 thru 20 | 2'x 8' | 4 thru 8
- T.S. 4-4-5 | 10 thru 20 | 2'x 8' | Slip-Away

**DESIGN APPROVED:**

**STATE OF ARIZONA**

DEPARTMENT OF TRANSPORTATION

OCCISION OF HIGHWAYS

STANDARD DRAWINGS

**TYPE "D" POLE AND MAST ARM**

**DRAWING NO.**

T.S. 4-4