NOTES:
1. All materials and construction shall conform to the requirements of the Specifications.
2. See T.S. 4-23 detail "A" for anchor bolt details. Each anchor bolt shall have four hex nuts and two flat washers, all to be furnished with pole.
3. Anchor bolts shall project 3" above the foundation.
4. Block out for leveling nuts. See specs. for grout requirements.
5. Consult 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. For inboard tenon, when specified, see tenon detail on T.S. 9-1.
9. The foundation tenon shall be augered and class "S" (3000 psi) concrete poured against undisturbed compacted earth.
10. This Traffic Signs Pole is for special applications only, and must be approved for design use by ADOT Traffic Engineering.
12. All dimensions are nominal.

PLAN SYMBOL

MAST ARM INFORMATION

<table>
<thead>
<tr>
<th>Length</th>
<th>Rise</th>
<th>&quot;D1&quot; Min.</th>
<th>&quot;D2&quot; Min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>2'-0&quot;</td>
<td></td>
<td>3'-0&quot;</td>
</tr>
<tr>
<td>8'</td>
<td>2'-6&quot;</td>
<td>3'-0&quot;</td>
<td>3'-6&quot;</td>
</tr>
<tr>
<td>10'</td>
<td>3'-0&quot;</td>
<td>3'-6&quot;</td>
<td>4'-0&quot;</td>
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<td>4'-0&quot;</td>
<td>4'-6&quot;</td>
<td>5'-0&quot;</td>
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<tr>
<td>15'</td>
<td>4'-9&quot;</td>
<td>5'-0&quot;</td>
<td>5'-6&quot;</td>
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<tr>
<td>18'</td>
<td>5'-3&quot;</td>
<td>5'-6&quot;</td>
<td>6'-0&quot;</td>
</tr>
<tr>
<td>20'</td>
<td>5'-6&quot;</td>
<td>6'-0&quot;</td>
<td>6'-3&quot;</td>
</tr>
</tbody>
</table>

SIGNATURE

DESIGN APPROVED
ARIZONA DEPT. OF TRANSPORTATION
INTERMODAL TRANSPORTATION DIVISION
TRAFFIC SIGNALS & LIGHTING
STANDARD DRAWINGS

ON FILE
TYPE "F" POLE
AND
MAST ARMS

DRAWING NO.
T.S. 4-3