NOTES:
1. Rise angle per manufacturer's plans.
2. Dimensions A, B, and D are determined by the manufacturer based on the design criteria provided in T-SL 428.
3. Weld symbols not shown. All weld symbols shall be shown on the shop drawings.

### TABLE 1

<table>
<thead>
<tr>
<th>Signal Mast Arm Information</th>
<th>Pole Name</th>
<th>25-J</th>
<th>30-J</th>
<th>35-J</th>
<th>40-J</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Mast Arm Length</td>
<td>25'-0</td>
<td>30'-0</td>
<td>35'-0</td>
<td>40'-0</td>
<td></td>
</tr>
<tr>
<td>Minimum Mast Arm Base Plate Size</td>
<td>18&quot; x 18&quot;</td>
<td>18&quot; x 18&quot;</td>
<td>18&quot; x 18&quot;</td>
<td>18&quot; x 18&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**BASE PLATE DETAIL**

- 3/4" R (Typ)
- 23/4" x 23/4" Slot
- 18" Min Dia Bolt Circle

**SECTION B-B**

- See Std Dwg T-SL 428 for Tenon Details
- See Std Dwg T-SL 428 for Details
- See Std Dwg T-SL 428 for Hand Hole Details
- See Std Dwg T-SL 428 for Anchor Bolt Details
- See Note 1 on Std Dwg T-SL 428 (Foundation Notes)

**DETAIL A**

- Mast Arm Connection Detail
- Wireway, 2" Schedule 40 Pipe
- Top Gusset Plate
- Side Gusset Plate
- Bottom Gusset Plate
- Full Penetration Weld (Typ)

**SECTION A-A**

- Extend vertical shaft as called out on plans, typically for Internally Illuminated Street Name Sign (IINS)
- 36" Dia Shaft
- 18" Min Dia Anchor Bolt Circle

**TRADE SPEC**

- M. HANNA
- TRADE SPECIFICATION
- D. ALZUBE
- INFRASTRUCTURE

**ARIZONA DEPARTMENT OF TRANSPORTATION**

- INFRASTRUCTURE DELIVERY AND OPERATIONS DIVISION
- TRAFFIC SIGNALS & LIGHTING
- STANDARD SHEET

**DRAWING NO.**

- T-SL 428

**SCALE ACCURACY**

- Type J Poles (25'-0, 30'-0, 35'-0, and 40'-0 with 25 ft to 40 ft Mast Arm Span Length)