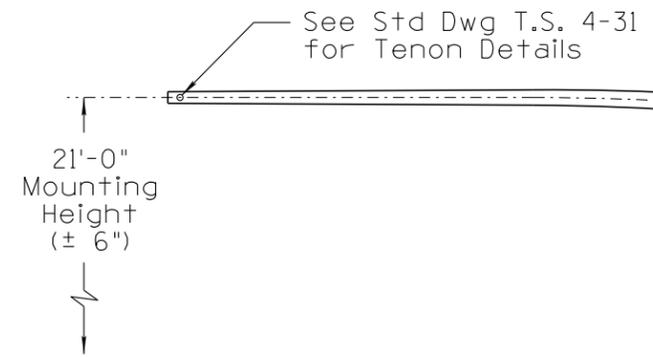


NO	DESCRIPTION OF REVISIONS	DATE	MADE BY
1	2010 EDITION	03/10	C. COLE
2	REVISED NOTES AND DETAIL CALLOUTS.	10/13	L. LOPEZ



(45'-0" Traffic Signal Mast Arm Shown)

Tapered Traffic Signal Mast Arm, See Table in Std Dwg T.S. 4-29

Removable Rain-tight Cap

**NOTES:**

1. All materials and construction shall conform to the requirements of the Standard Specifications.
2. Pole shall comply with 1994 AASHTO loading requirements in the Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals.
3. See Std Dwg T.S. 4-23 for anchor bolt details.
4. The foundation hole shall be augered and Class "S" (3000 psi) concrete, poured against undisturbed compacted earth.
5. Unstable soil and/or a steep slope may require a deeper foundation. See Standard Specifications.
6. A 25 ft coil of #4 AWG bare copper conductor or a 14 inch square copper ground plate shall be installed before the concrete is poured and connected to pole grounding lug in the hand hole. The ground or coil shall be covered with 6 inches of fill.
7. For inboard tenon, when specified, see tenon detail on Std Dwg T.S. 9-1.
8. Pole shall have a continuous taper.
9. Once the pole installation is completed the open space between the base plate and foundation shall be grouted.
10. If pole foundation is within or adjacent to sidewalk, top of pole foundation shall be flush with the abutting or adjacent sidewalk.
11. All dimensions are nominal.

See Std Dwg T.S. 4-29 for Connection Details

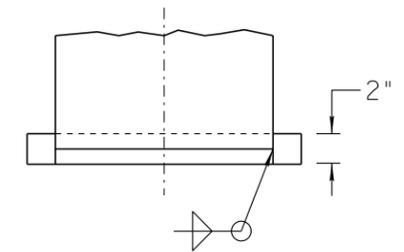
Removable Rain-tight Cap  
Mast Arm Hand Hole

Mast Arm Hand Hole

Tapered Steel

See Std Dwg T.S. 4-20 for Hand Hole Details

"X" See Std Dwg T.S. 4-23



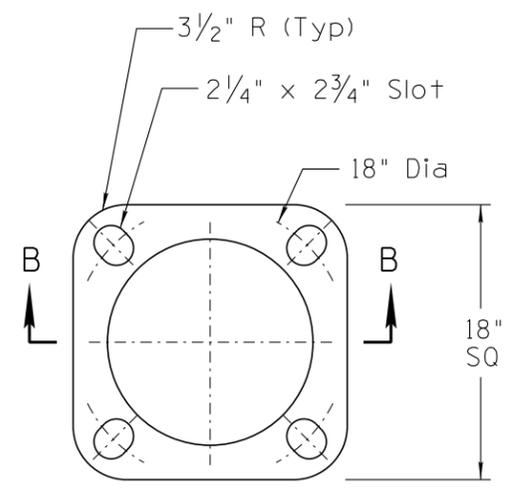
**SECTION B-B**  
(Bolt Slots Not Shown)

8 - No. 7 Vertical Bars, 3/8" Dia Cold Drawn Steel Wire Spiral Cage with 3" Pitch

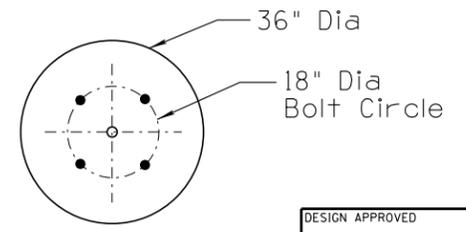
See Note 3

3" Clear (Typ)

See Note 6



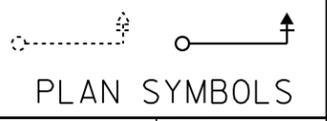
**BASE PLATE DETAIL**



**SECTION A-A**

NOT TO SCALE

DESIGN APPROVED	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION	10/13
APPROVED FOR DISTRIBUTION		DRAWING NO.	T.S. 4-9
TYPE "K" POLE		SHEET NO.	1 OF 1



**PLAN SYMBOLS**

**MODIFIED**  
(Extended Vertical Shaft as Called for on Plans Typically for Illuminated Street Name Sign)