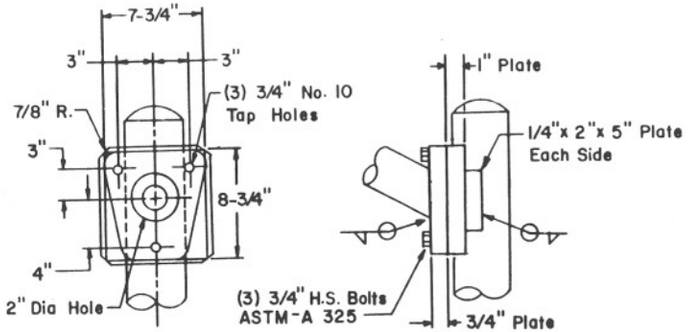
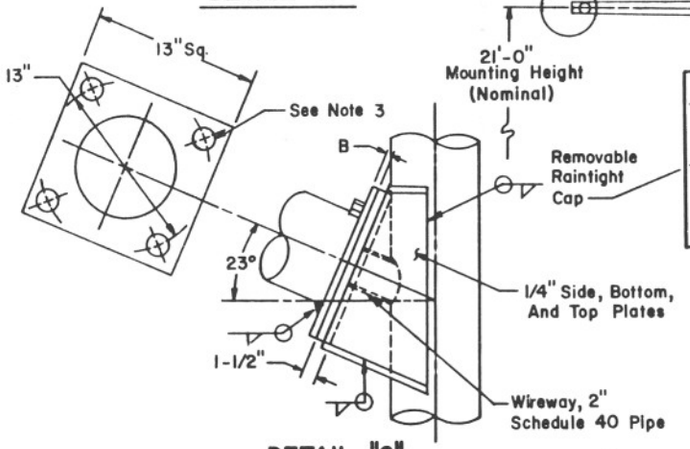



DETAIL "A"

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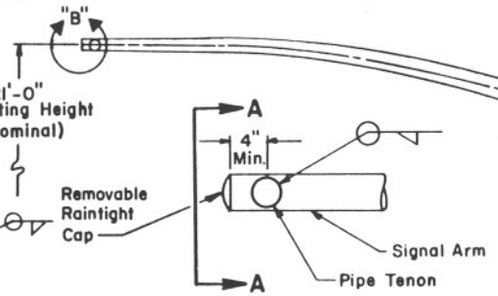
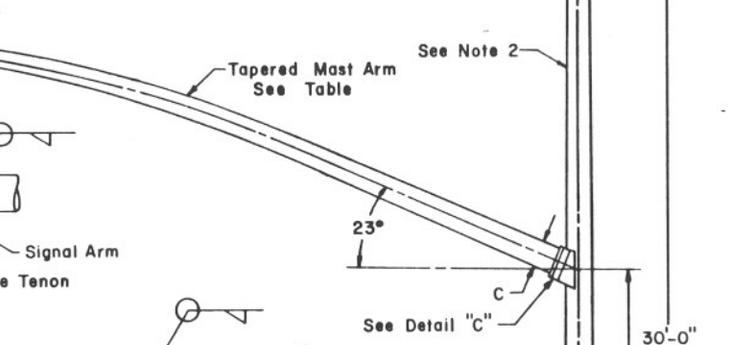
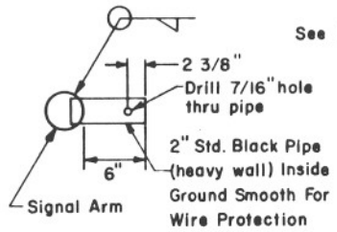
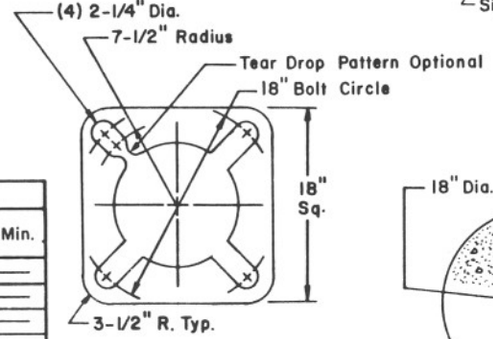


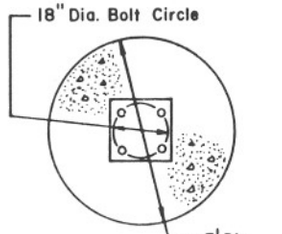

DETAIL "B"



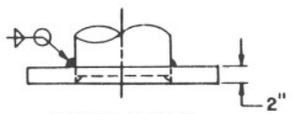




SECTION A-A

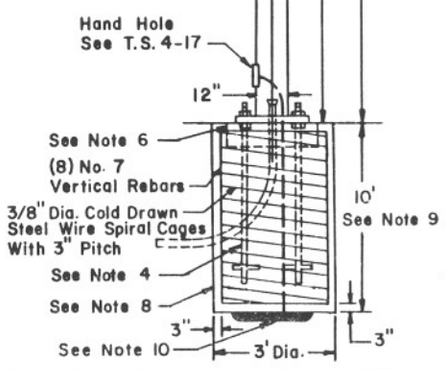



FOUNDATION PLAN




POLE BASE




| | MAST ARM INFORMATION | | | | | | |
|---|---|---|---|---|---|---|---|
| | Nom. M.A. Length | Lum. M.A. Rise | M.A. Gauge | "A" Min. 11 Ga. | "A" Min. 10 Ga. | B | C Min. |
| LUMINAIRE | 6' | 2' 0" | 11 or 10 | 3 1/4" | 3 3/8" | — | — |
| | 8' | 2' 6" | 11 or 10 | 3 1/2" | 3 5/8" | — | — |
| | 10' | 3' 4" | 11 or 10 | 3 13/16" | 3 7/8" | — | — |
| | 12' | 4'-3" | 11 or 10 | 4 1/16" | 4 5/16" | — | — |
| | 15' | 4'-9" | 11 or 10 | 4 1/4" | 4 3/4" | — | — |
| | 18' | 5'-9" | 11 or 10 | 5 3/4" | 5 3/16" | — | — |
| | 20' | 5'-9" | 7 | 5 1/4" | 5 1/4" | — | — |
| SIGNAL | 25' | — | 7 | — | — | 1" | 7" |
| | 30' | — | 7 | — | — | 1" | 8" |
| | 35' | — | 3 | — | — | 1 1/4" | 8 1/16" |
| | 40' | — | 3 | — | — | 1 1/4" | 9 3/8" |

## NOTES:

1. All materials and construction shall conform to the requirements of the Specifications.
2. The pole shall be 3 gauge tapered steel. Alternate: The top ten feet of pole may be 10 or 11 gauge.
3. Four 1 1/4"-7 high strength bolts are required for signal mast arms.
4. See T.S.4-20 detail "B" for anchor bolt details. Each anchor bolt shall have four hex nuts and two flat washers.
5. Anchor bolts shall project 4 1/2" above the foundation.
6. Block out for leveling nuts. See specs. for grout.
7. Conduit shall project a minimum of 3" above the foundation. Maximum projection shall be 5".
8. The foundation hole shall be augered and class "S" (3,000 PSI) concrete poured against undisturbed compacted earth.
9. Unstable soil may require deeper foundation. See Specifications.
10. 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.
11. For inboard tenon, when specified, see tenon detail on T.S. 9-1.

| | | |
|---|---|---|
| DESIGN APPROVED 7/24/86 | STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS | REV. 10-6-86 |
| APPROVED FOR DISTRIBUTION | TYPE "Q" POLE AND MAST ARMS | DRAWING NO. T.S. 4-12 |