



240V. Lighting Shall Be Un-metered When Called For On Plans

Meter Socket 100 A. Shall Be Approved By Utility Co.

Main Disconnect, 40 Amp, 1 Pole For Signals

#1-0 Line Lugs Mounted in Line Side Pull Section

Main Disconnect, 20 Amp 2 Pole For Lighting

120/240 V. Service

To Ground Rod

120 V. To Signals

Neutral Bus For No. 4 B.C.

240 V. To Lighting

**WIRING DETAIL**

**NOTES:**

1. For construction requirements see Specifications.
2. All service conductors and service panels shall be 100 Amp. capacity.
3. All components shall be rated for 250 V. operation.
4. Circuit breakers shall be the molded case, thermal magnetic, plug-in type with a minimum fault interrupting capacity of 10,000 amperes.
5. The service enclosure shall be fabricated from zinc coated 14 gauge steel
6. The service enclosure shall be NEMA 3R rated.
7. As required by the plans, the contractor shall furnish either PVC conduit or trench to the base of Utility Co. pole or transformer, for service conductors.
8. Tab for padlock. Each front panel shall be independently padlockable.
9. Control cabinet foundations shall be increased 5" on the backside to accommodate the service enclosure.
10. The service enclosure shall be secured to the control cabinet with 4-3/8" cadmium plated bolts. Bolts shall not interfere with interior cabinet wiring or equipment placement.

DESIGN APPROVED <i>Charles Brown</i> 7/24/61	STATE OF ARIZONA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS STANDARD DRAWINGS	REV.
APPROVED FOR DISTRIBUTION	CONTROL CABINET MOUNTED SERVICE ENCLOSURE	DRAWING NO. T.S. 3-14