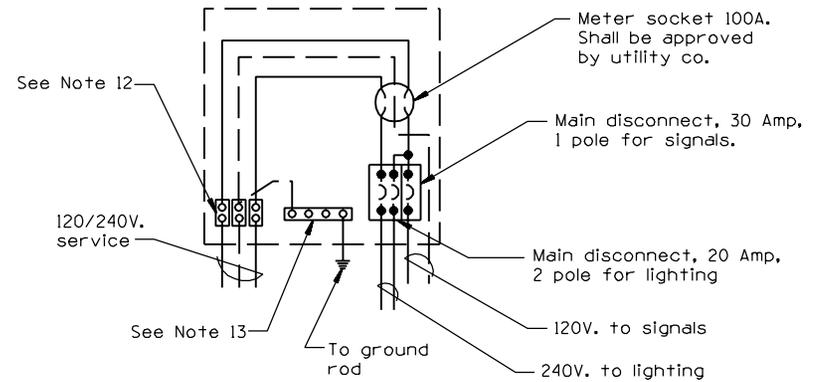
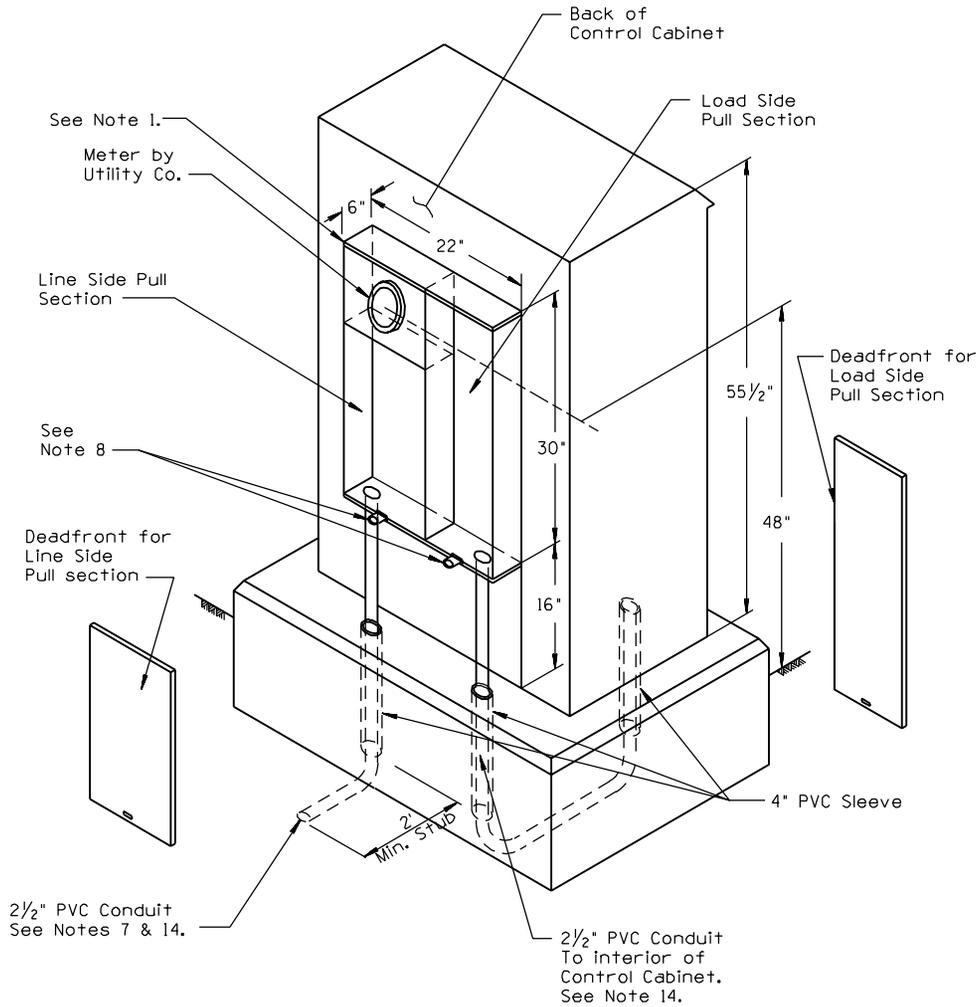


NOTES:

1. Control Cabinet mounted service enclosure shall only be used when directed by ADOT Traffic Engineering. See Specifications for construction requirements.
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 per NEC.
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.
11. Refer to T.S. 2-4 for foundation details.
12. Aluminum bodied terminals shall comply with NEC.
13. Insulated bondable vertical lay-in, double neutral lug with # 1/0 wire capacity mounted on either sidewall.
14. All exposed conduit and fittings installed above ground shall be rigid metal type per the Standard Specifications.



WIRING DETAIL

DESIGN APPROVED	SIGNATURE	ARIZONA DEPT. OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS & LIGHTING STANDARD DRAWINGS	REV. 4/05
APPROVED FOR DISTRIBUTION		ON FILE	DRAWING NO. CONTROL CABINET MOUNTED SERVICE ENCLOSURE T.S. 3-11