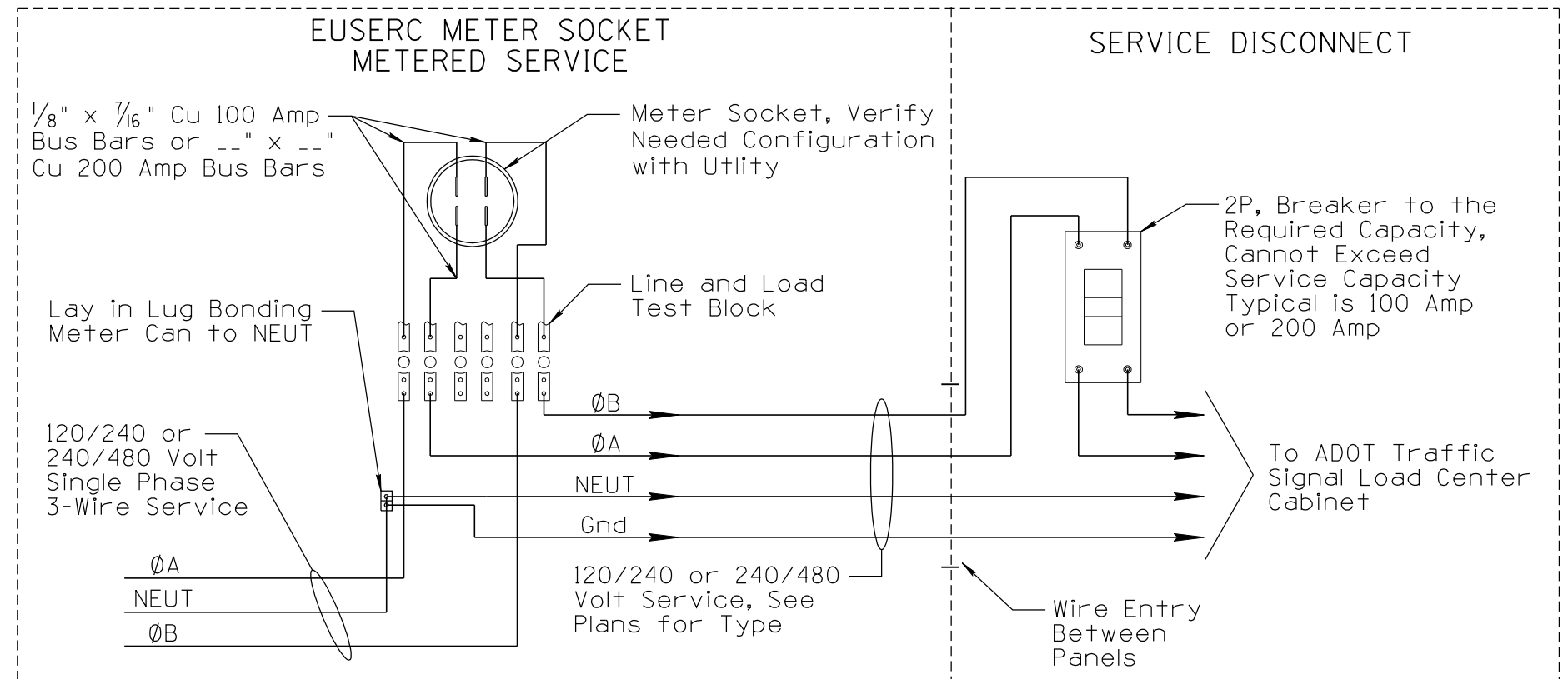
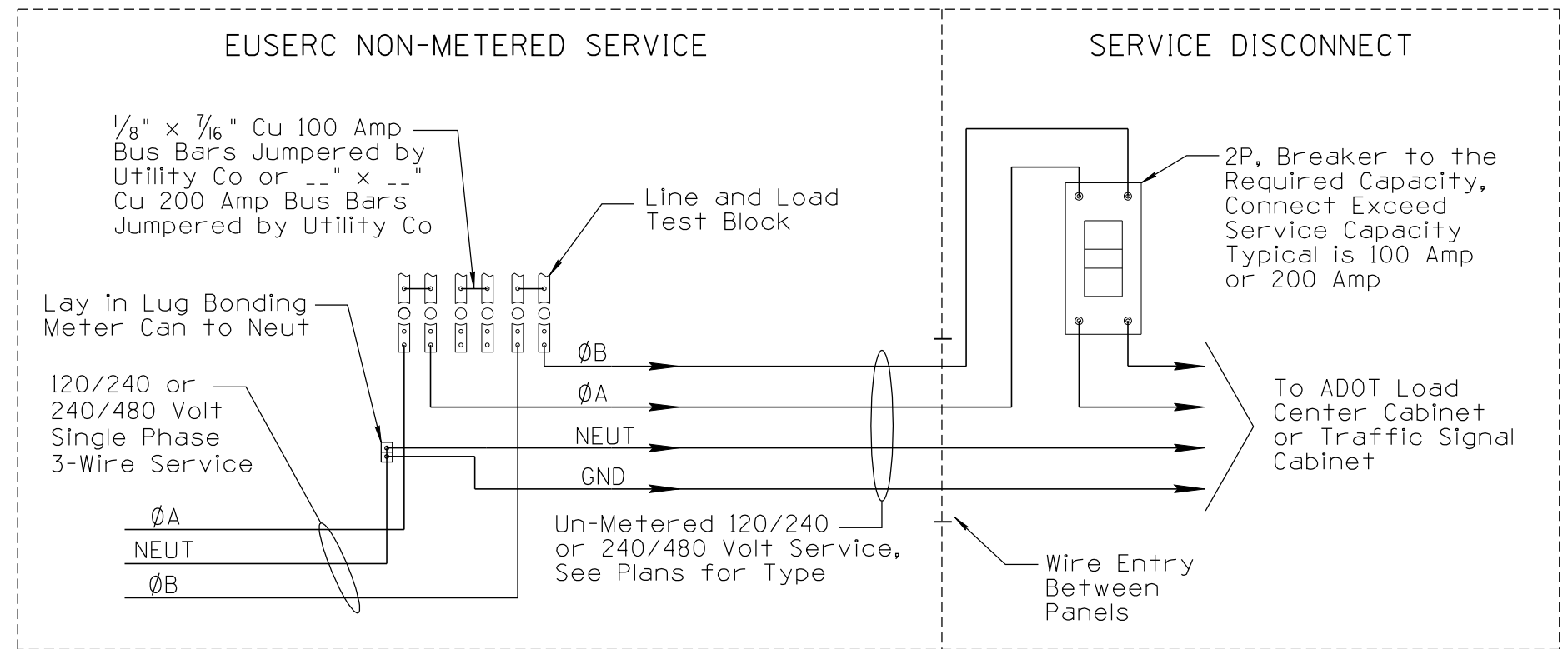


DATE: 03/10
 MADE BY: C. COLE
 NO. 3, 4
 DESCRIPTION OF REVISIONS:
 1. 2010 EDITION

NOTES:

1. Aluminum bodied terminal for #6 AWG through #1/0 AWG for 100 Amp service and #1/0 AWG through #250 Kcmil for 200 Amp service.
2. Rigid insulating barriers, See Electrical Utility Service Equipment Requirements Committee (EUSERC) Plate Q.B., or applicable serving utility drawing.
3. Insulated double-neutral lug, mounted on either sidewall, per NEC.
4. Upper test connector studs.
5. All section (or enclosure) covers shall be independently removable. If the service is metered then the upper cover of the utility enclosure shall not be removable with the meter in the socket. The meter socket and/or the utility pull enclosure shall be mounted on a support and attached to the panel. The cover shall be sealable and permanently labeled: "DO NOT BREAK SEALS, NO FUSES INSIDE."
6. Test - bypass block, See EUSERC Plate Q.B., or applicable serving utility drawing.
7. All components shall be identified with permanent labels on inside back of enclosure in 3/4-inch minimum high block letters.
8. All interior components shall be UL or equivalent independent and EURSERC and serving utility approved testing lab tested and listed.
9. The utility and disconnect enclosure housings and covers shall be constructed of a minimum of 16 gauge steel. The removable exterior covers shall have pad locking provisions. All steel surfaces shall have a zinc protecting coating that meets or exceeds the requirements of UL 50 for cabinets and boxes, Section B. If necessary, the exterior exposed portions of the enclosures shall be prepared in an acceptable fashion and repainted to match the finish and color of the control or load center cabinet to which they are attached. Repainting shall occur once they are installed. Exposed conduits shall also be painted. This is not necessary if those cabinets have a bare aluminum finish.
10. The enclosures shall be, as a minimum, NEMA 3R rated.
11. The Contractor shall coordinate with the serving electrical utility to verify that the equipment intended to be supplied and installed meets their requirements.
12. The utility and service disconnect enclosures shall be mounted on the back of the load center or control cabinets as indicated on the plans. Each enclosure shall be mounted with a minimum of four 3/8 inch cadmium or stainless steel bolts with nuts and two washers. Conduits shall be strapped to the back of the cabinets as required by the utility.



WIRING DIAGRAMS

NOT TO SCALE

DESIGN APPROVED SIGNATURE	ARIZONA DEPARTMENT OF TRANSPORTATION INTERMODAL TRANSPORTATION DIVISION TRAFFIC SIGNALS AND LIGHTING STANDARD DRAWINGS	REVISION 03/10
APPROVED FOR DISTRIBUTION ON FILE	120/240 OR 240/480 VOLT, SINGLE PHASE UTILITY PULL SECTION AND SERVICE DISCONNECT DETAILS	DRAWING NO. T.S. 3-12
		SHEET NO. 2 OF 2