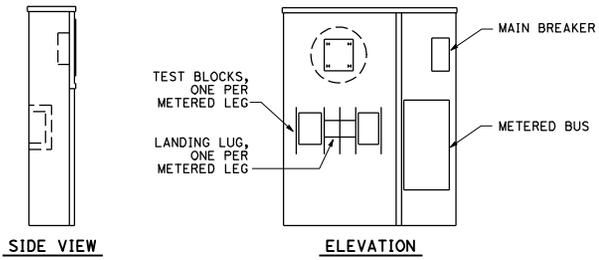


DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

*Jeffery G. McBoo*  
 REGISTERED ELECTRICAL ENGINEER  
 May 20, 2011  
 PLANS APPROVAL DATE  
THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

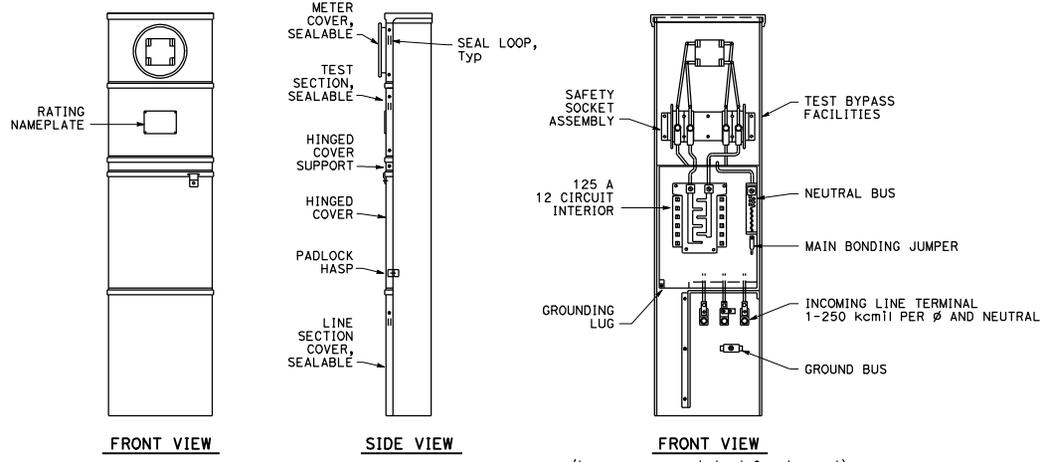
REGISTERED PROFESSIONAL ENGINEER  
**Jeffery G. McBoo**  
 No. E14512  
 Exp. 6-30-12  
 ELECTRICAL  
 STATE OF CALIFORNIA



**TYPE II-A**

**NOTES:**

- Service equipment enclosure and metering equipment shall meet the requirements of the service utility.
- Control wiring shall be 600 V, No. 14 AWG stranded (THN) machine tool wire. Where subject to flexing, 19 strand wire shall be used.
- Main bus shall be rated for 125 A and shall be tin-plated copper.
- An engraved phenolic nameplate on the dead front panel indicating the function of each circuit or device shall be installed with stainless steel rivets or stainless steel screws:
  - Adjacent to the breaker or device with character size a minimum of 1/8".
  - At the top of the exterior door panel indicating system number, voltage level and number of phases with character size a minimum of 3/16".
- A plastic laminated wiring diagram shall be provided and attached to the inside of the front door.
- In un paved areas, a raised portland cement concrete pad of 2'-0" x 4" x width of service equipment enclosure or controller cabinet foundation shall be constructed in front of Type II service equipment enclosure.
- Internal bus, where shown, is typical only. Alternative designs of proposed service equipment enclosure shall be submitted to the Engineer for approval.
- Circuit breakers may be mounted in the vertical or horizontal position.
- Minimum clearance shall be required for front and back of service equipment enclosure per National Electrical Code, Article 110.26, "Spaces About Electrical Equipment (600 Volts, nominal or less)."



(Less covers and dead front panel)  
For metered circuits only

**TYPE II-B**

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**ELECTRICAL SYSTEMS  
(SERVICE EQUIPMENT  
TYPE II SERIES)**

NO SCALE

**ES-2B**