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

REGISTERED ELECTRICAL ENGINEER

May 1, 2006
PLANS APPROVAL DATE

REGISTERED PROFESSIONAL ENGINEER Jeffery G. McRae No. E14512 Exp. 6-30-06 ELECTRICAL STATE OF CALIFORNIA

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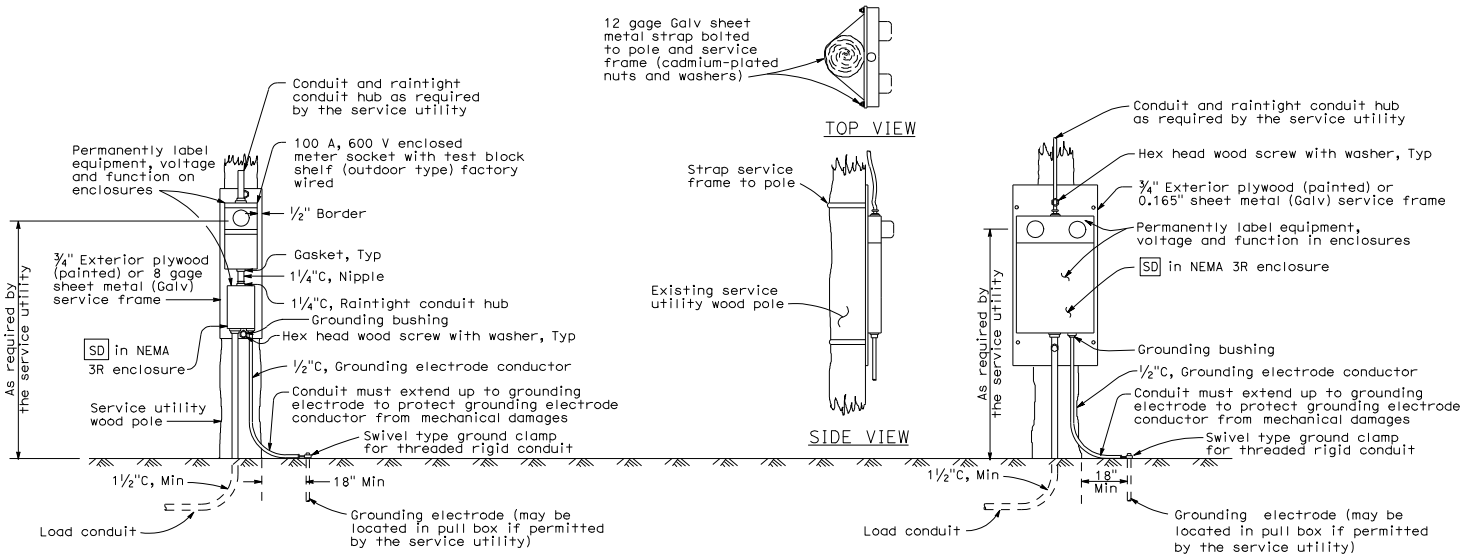
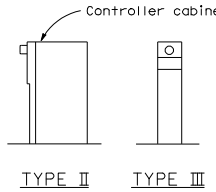


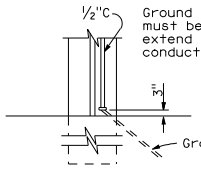
TYPE SCE-1 SERVICE

TYPE SCE-2 SERVICE

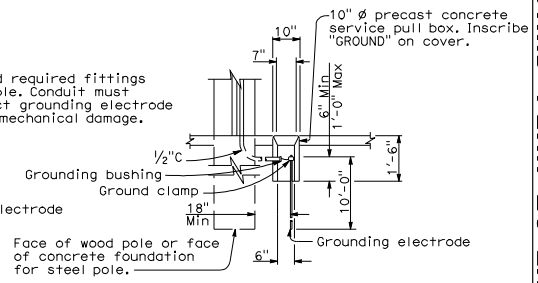


TYPE OF SERVICE (TYPICAL)

Type II service equipment enclosure mounted on a side of a controller cabinet. Type III complete free-standing service equipment enclosure.



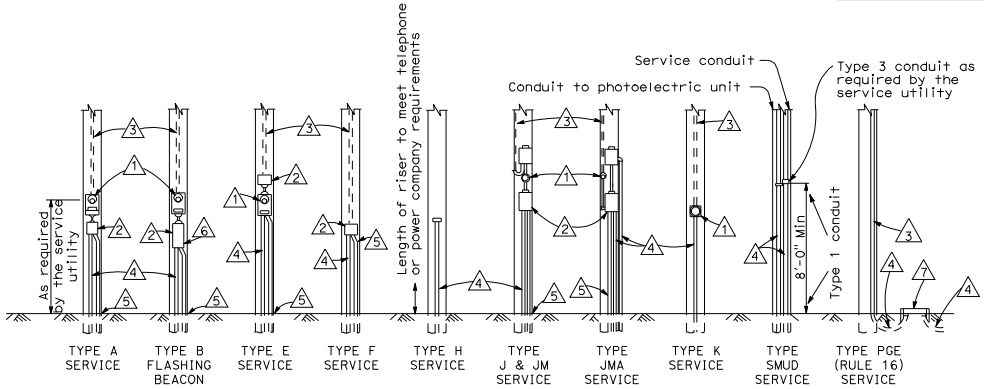
TYPE A



TYPE B

Use where service utility requires 18" clearance between grounding electrode and the pole or service equipment enclosure. Installation shown is for sidewalk or paved areas. In unpaved areas, omit special service pull box and locate ground clamp above ground or locate ground clamp in nearest pull box.

SERVICE GROUNDING



NOTES:

1. Meter socket.
2. Service enclosure with a minimum 60 A rated main circuit breaker, unless otherwise shown.
3. (a) Utility owned pole. The service utility will furnish and install required service riser, PEU with conductors and other equipment as needed.
   (b) State owned pole. The Contractor shall furnish and install required service riser and equipment.
4. Conduit, length and size as required.
5. ½"C, 1#6. See "Service Grounding" detail.
6. Flashing beacon control assembly.
7. Service pull box, No. 5 unless otherwise noted, furnished and installed by the Contractor. Service utility shall determine the exact location.

POLE MOUNTED SERVICE INSTALLATIONS

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

ELECTRICAL SYSTEMS (SERVICE EQUIPMENT)

NO SCALE

ES-2A

2006 STANDARD PLAN ES-2A

12-15-05