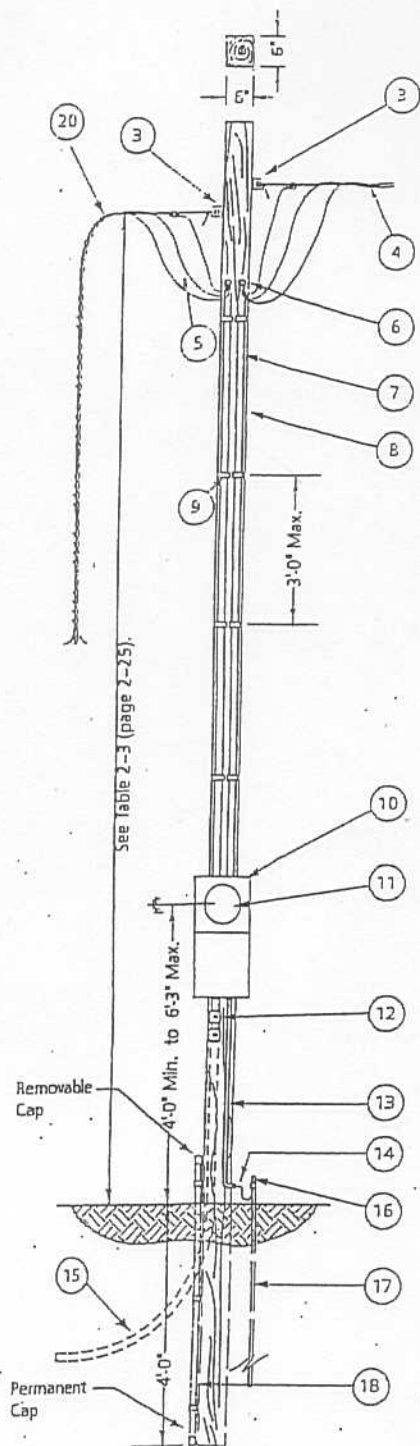


Figure 2-13: Temporary Service Requirements (Service for One Year or Less)



Notes

1. The preferred location for temporary metered power poles shall be located where there is Company vehicle access and that the service drop maximum span length is 100 feet. If Company vehicle access cannot be obtained, contact the local service planning office for meter spot location.
2. Service drop furnished and installed by the company. The Company's service drop maximum span length is 100 feet.
3. Wire holder or rack furnished and installed by the customer.
4. Customer's line.
5. Not less than 18" of wire outside service head.
6. Weatherproof service entrance caps.
7. Minimum 3/4" polyvinyl chloride plastic conduit schedule 40.
8. Self supporting timber 6"x6"x20'-0" minimum. (Butt treated).
9. Fasten conduit securely to pole.
10. For type of meter receptacle, and the number of socket terminals, see Table 5-3 and Figure 5-2 (page 5-15).
11. Meter will be furnished and installed by the company. A safety socket box with factory installed test/bypass blocks, as detailed in Section 9.0 "Factory Wired Safety Socket Boxes" (page 5-19) shall be provided for all three phase installations.
12. Weatherproof boxes and receptacles.^{3/}
13. Armored ground wire or minimum of 1/2" Rigid conduit or wood molding over ground wire.
14. Ground wire to be No. 8 A.W.G., minimum.
15. Where customer's feeder is to be underground, install conduit as indicated by dashed lines and as required by the NEC.
16. Approved ground clamp and fitting must be accessible. Conduit must extend to ground rod to protect ground wire from mechanical injury.
17. Ground wire from pole to electrode shall be enclosed in galvanized ridged conduit, or equivalent mechanical protection. If a ground rod is used, the following minimum requirements apply:
Diameter of rod: 3/4" if iron rod or galvanized pipe; 1/2" if solid rod of brass, copper, or copper covered steel. Drive to minimum depth of 8'-0" below ground surface. Refer to the local inspection agency for alternate or additional requirements.
18. A 5'x3/4" schedule 40 PVC conduit will be furnished and installed by the customer. This conduit must be permanently secured with three pipe straps to the butt and flush to the bottom of the pole. The bottom of the conduit must be permanently capped and the top cap must be removable.
19. The customer must set the service pole in natural soil. The backfill must be tamped to a minimum compaction of 90% within a 2-foot radius of the pole.
20. The customer shall furnish and install a 10' service drop stinger. The service drop stinger shall be #4 aluminum triplex for a 100 amp service and 1/0 aluminum triplex for a 200 amp service.

3/ Refer to the local inspection agency and the California Electrical Safety Order for ground fault circuit protection requirements.

APPROVED <i>PhH</i>	Overhead Service Connections 0-600 Volts	ESR-2
EFFECTIVE DATE 5-10-2002	Electrical Service Requirements SCE Public	PAGE 2-29