

PC ELECTRIC

Rev 4: November 9, 2017

SINGLE PHASE – 120/240V – 200 AMPS OR LESS METER LOOP SPECIFICATIONS THRU-ROOF (ROOF JACK) SERVICE ENTRANCE

METER LOOP MUST BE INSTALLED FOR STAKING ENGINEER TO STAKE!

GENERAL REQUIREMENTS:

1. Member is responsible for installing and maintaining all equipment beyond the point of service, except the meter, in accordance with the National Electrical Code.
2. Member is responsible for load capacity including future loads.
3. This drawing is illustrative of generally acceptable standards. It shall be the responsibility of the member to construct and maintain the electrical service in a safe manner. Before any connection can be made, PCEMC's field service personnel will evaluate the installation for readiness. If required by local code, the installation must first be inspected, approved and tagged by the local governing authority. In any event, PCEMC reserves the right not to make the connection if PCEMC does not consider the installation to be in accordance with these Specifications.
4. Use qualified electrician and install the electrical service in accordance with the National Electrical Code.
5. Meter pan height shall be 5'-6" above ground.
6. House must be at least 10' away from primary line.

Legend:

- A) Weatherhead.
- B) Service entrance conductors, copper only.
- C1) Grounding conductor, copper only, bare in wall or if exposed in 1/2" conduit securely fastened to wall.
- C2) Ground rod clamps: Acorn type below grade.
- C3) Ground rod 8' long, 1/2" dia. copperweld or 5/8" dia. galv. installed flush with or below grade.
- D) Conduit straps: Min. 2, galv.
- E) Not used.
- F) Galvanized conduit and fittings only.
- G) The service disconnecting means shall be located at a readily accessible location either outside the building or structure or inside nearest the point of entrance of the service conductors.
- H) Install roof jack conduit not further than 4' from the edge of the roof.

