Underground Service Requirements and Meter Specifications

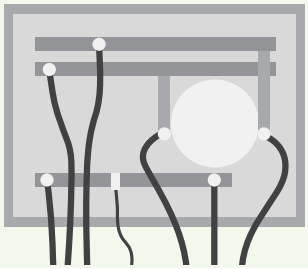
1. Service entrance capacity must be sized to accommodate the anticipated load.
2. You must install an SVEC-approved 200-amp meter socket in the SVEC-approved location.
3. You must provide adequate grounding in accordance with National Electrical Code and local building authorities.
4. You must install underground conduit per SVEC specifications, and conduit must pass SVEC inspection.
   a. Conduit must be gray electrical 2" or larger schedule 40 PVC on SVEC's side of the meter.
   b. Conduit must be buried a minimum of 32" deep.
   c. Ninety-degree, 36" sweeps ("long sweeps") must be installed at both ends of the conduit.
   d. Consumer supplied conduit requires minimum burial depth of 32", colored dye glue, nylon pull string, removable end caps, and sight pipes in middle and 15 ft. from ends.
5. Schedule 40 PVC conduit of 3/4" or larger must be installed for a fiber broadband/internet cable in the same trench and stubbed out on both ends at least 6" above ground level. The remainder of the installation specifications for this second conduit are the same as in paragraphs 4 b-d above.

Meter Connections

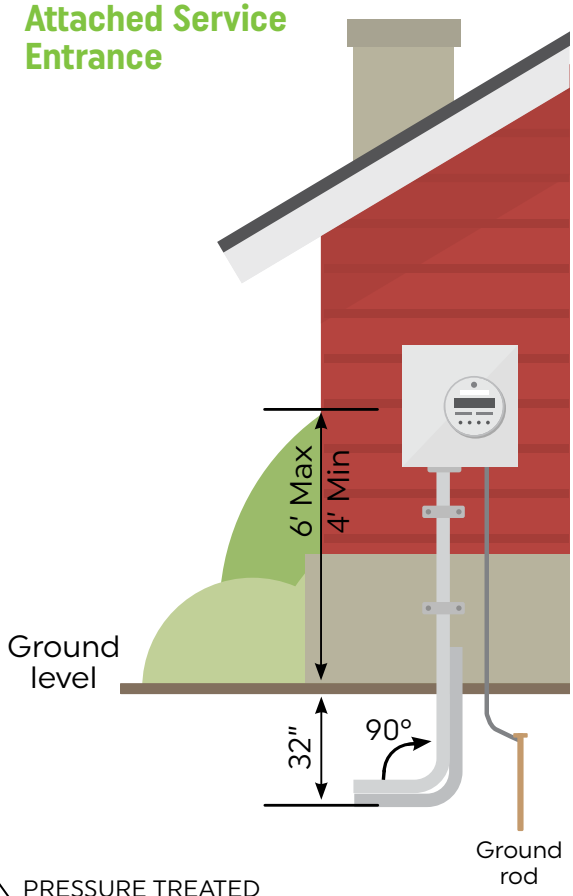
Left:
SVEC connections

(Member's wires are prohibited on this side of meter socket)

Right:
Member connections



Attached Service Entrance



Stand Alone Mount

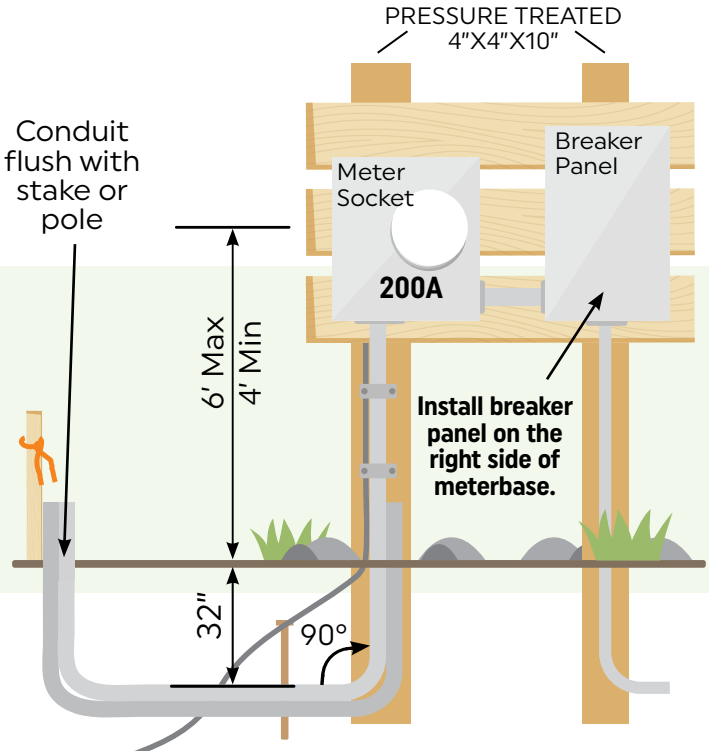


Image not to scale

Recommended 200 amp meter sockets

(side-by-side wire layout required)

Self contained:
Milbank — U1980-O
Eaton — UTRS240ACH
Talon — UAS877

Combination:
(meter socket & breaker panel)
Siemens — ME0816B1200RTD

Note: SVEC's services end at the meter. Questions about electrical requirements on the member's side of the meter should be directed to the county building department.