

Required bolt-on conduit clamp

# Owen Electric Cooperative's Underground Electric Service




Failure to follow these requirements will result in significant delays in your service installation.



Know what's below.  
Call before you dig.






A Touchstone Energy<sup>®</sup> Cooperative 

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800-372-7612  
www.owenelectric.com

*Owen Electric Cooperative is  
an equal opportunity provider.*

⚠ WARNING

|  |   |   |
|--|---|---|
|  <p><b>Hazardous voltage inside.</b><br/>Can shock, burn, or cause death.</p> <p>Keep out.<br/>If open or unlocked, immediately call<br/>Owen Electric Cooperative<br/>1-800-372-7612</p> | <p><b>ENERGIZED ELECTRICAL EQUIPMENT</b></p>  <p>Maintain 5 ft. clearance on this side and 5 ft. on all other sides from fences, shrubs, and structures.</p> | <p><b>STOP!</b></p>  <p><b>48 HOURS BEFORE YOU DIG</b><br/>CALL K.U.P.I.<br/><b>1-800-752-6007</b></p> |
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This brochure provides the information you need to prepare for your underground electric service installation.

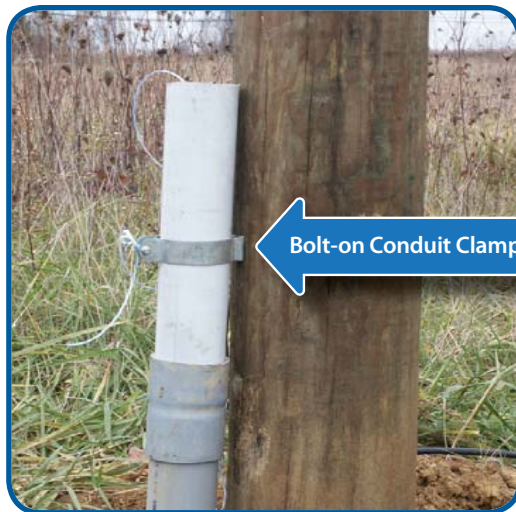




Ditch shall be 2 ft. deep, 6 in. wide, and free from rocks/sharp objects.



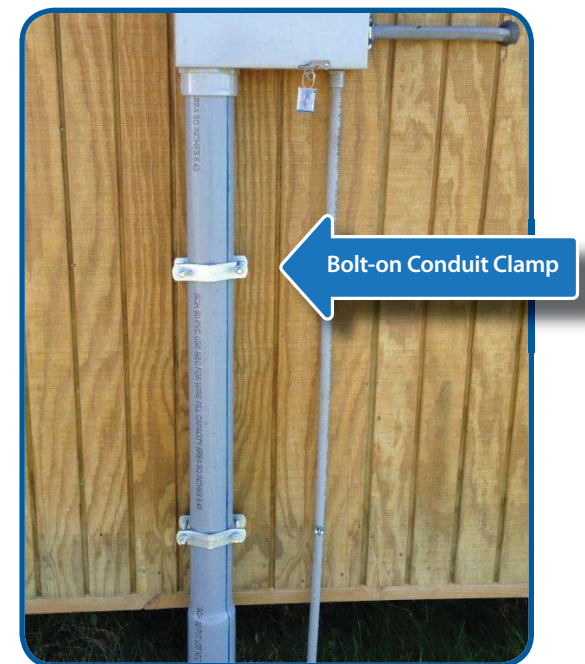
Conduit shall be 3 in. schedule 40 PVC (gray in color) and extend from the end of ditch to the meterbase. Anything above grade to meter base should be schedule 80 PVC per NEC 300.50(c). For services that come from a transformer/pedestal, stop conduit 1 ft. from transformer/pedestal. Conduit shall be covered at both openings to keep out water/debris, with end of ditch exposed.



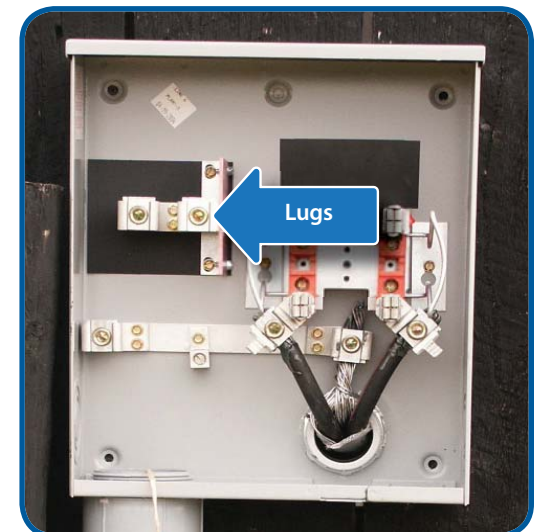
For services that involve an existing pole, a 3 ft. radius 90 degree elbow shall be used at the pole with conduit extending 2 ft. above ground and attached firmly to pole by a bolt-on clamp.



The conduit as well as an underground meterbase shall be firmly fastened to structure. Conduit shall be fastened by a bolt-on clamp with at least a 2 in. lag screw. A pull string shall be installed throughout the entire length of the conduit.



Any radius elbows used shall be 3 ft. 90 degree sweeps. At the meterbase a pea gravel base shall be established under conduit to prevent settling.



Meterbase shall be mounted at eye level (including finished grade). Conduit shall be mounted on same side of meterbase as lugs. Milbank brand meterbase preferred.