

1. Meter-Enclosure: Ameren approved and on list found in the Ameren Service Manual at: www.Ameren.com
 200 amp: Ring-less, with Safety Lever By-pass, designed for underground applications and U.L. approved.
 400 amp: with Safety Lever by-pass handle, and U.L. approved, designed for underground applications.
 All unused knockouts in meter-enclosure and fuse disconnect must be plugged with standardized plugs.
 A fused disconnect with cover plate is required below meter-enclosure if circuit box is over 10' away.
 Do not use bottom-center knockout for Ameren service wire. All locations approved by Ameren.
 Attach with non-ferrous screws. No dry wall screws. Do not install on back wall of building.
 Pedestal Type: Solid structure. No wood construction. Steel: angle iron, round pipe, square tubing.
 Meter-enclosure height is min of 3 1/2' and maximum 5 1/2' from finished grade to center of meter glass.
 Meter-enclosure with fuse disconnect to be located within 10' of the nearest corner of building that is nearest to Ameren facility with the circuit box or fuse disconnect in the off position.



2. Conduit

200 amp services, 2 1/2" Schedule 40 Pvc conduit, expansion coupling, and 24" radius elbows are required.
 400 amp services, 3" Schedule 40 Pvc conduit, expansion coupling, and 24" or 36" radius elbows are required.
 Service conduit to be buried a minimum of 24" deep and a visual inspection may be required.
 Install 2500lb capacity polyester pulling tape if trench length is over 75 feet.
 Location of conduit riser elbow on Ameren pole can be obtained from Ameren representative.
 Schedule 40 conduit is required from meter enclosure to first fused disconnect or circuit box.
 Schedule 80 conduit is required in areas subject to physical damage.



573-454-5001
 Lucas Hulsey

3. Conduit bends

90° Degree Elbows must be no less than a radius of 24" and schedule 40 Pvc
 Conduit shall be gray in color & have dimensions that allow the use of standard schedule 40 fittings & accessories.
 These fittings & accessories shall be attached to the conduit with Pvc solvent cement.
 There shall be a maximum of two 90°, 24" radius bends for any installation.
 Additional bend only with Ameren approval. Note: 18" radius elbows will not be approved.

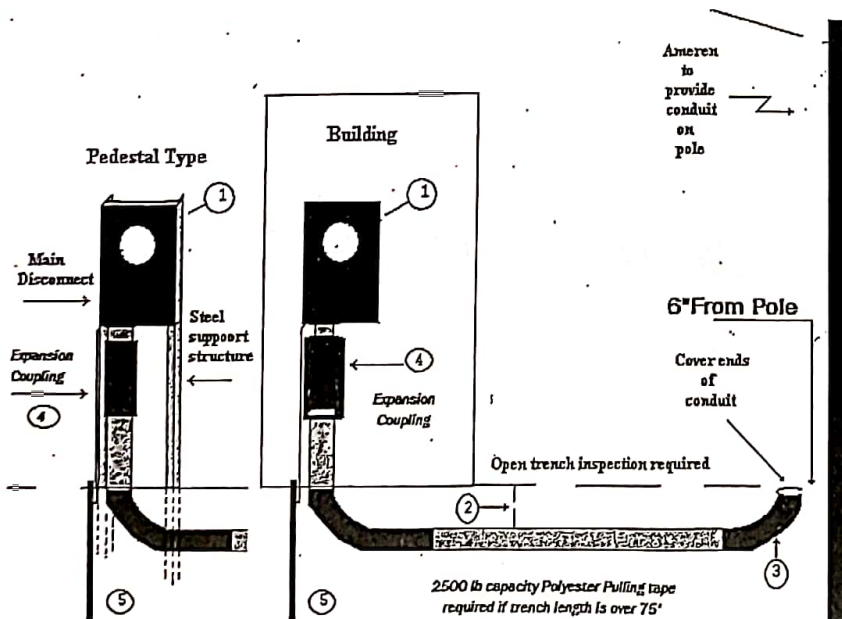
4. Expansion Coupling

Schedule 40 Pvc Expansion coupling joint required and installed in the left knockout with the outer sleeve on top and positioned at the manufactures "midway mark".

Refer to
Ameren Service Manual
 For a complete list of company requirements
www.Ameren.com/servicemanual

5. Grounding: National Electric Code approved grounding required

200 amps #4 bare copper 400 amps #2 bare copper
 Must be continuous wire from meter-enclosure ground lug to 8' ground rod.



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