

Pulaski Electric System

Typical hookup for UG Secondary Service
(With Padmount Transformer)

revised March 2010

200amp Service - 3" SCH 80 Conduit
400amp Service - 3" SCH 80 Conduit

Notes:

If the ditch does not reach the required depth, conduit is to be covered with 6" of concrete.

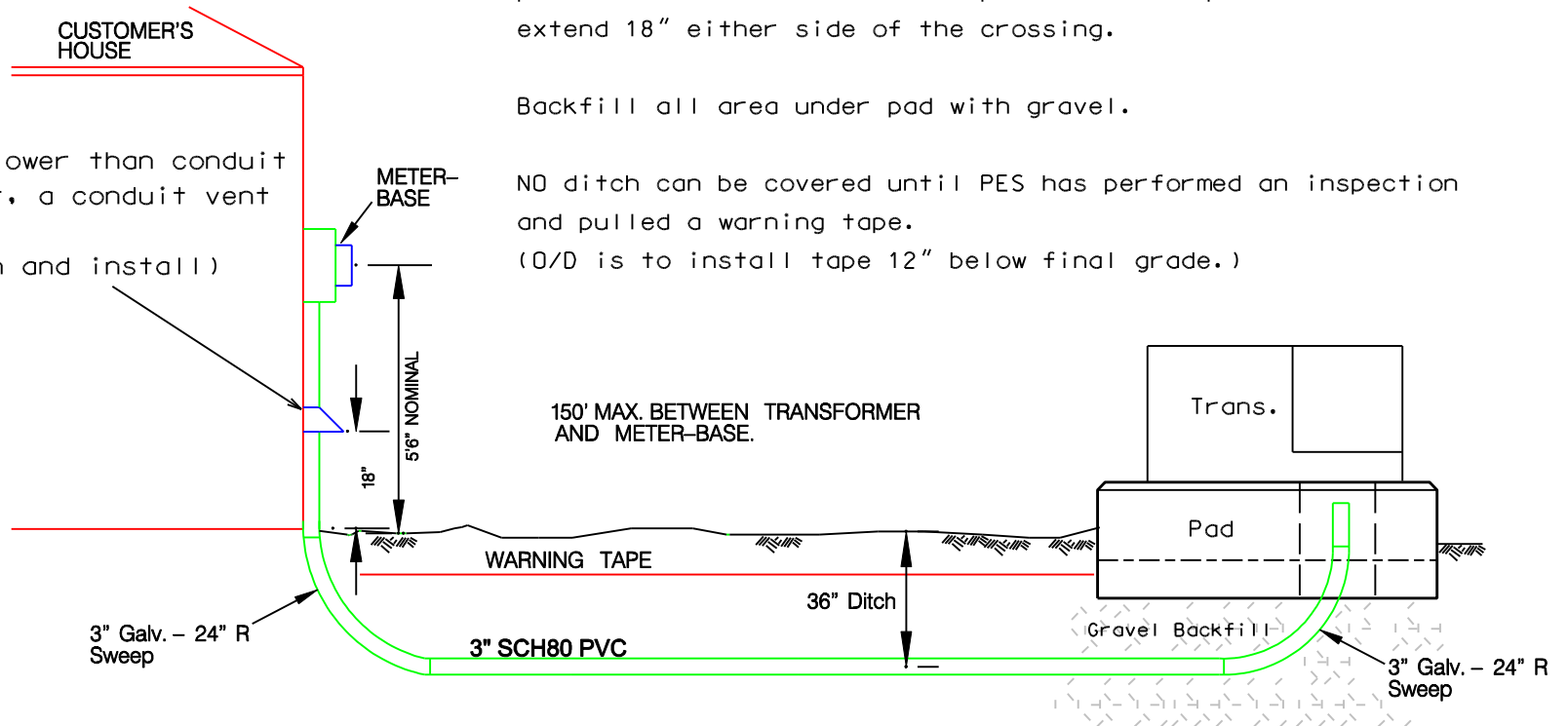
If the ditch crosses another utility, PES is to be located in the lower position and 6" of concrete separation is required. The concrete is to extend 18" either side of the crossing.

Backfill all area under pad with gravel.

NO ditch can be covered until PES has performed an inspection and pulled a warning tape.

(O/D is to install tape 12" below final grade.)

If meter-base is lower than conduit at the transformer, a conduit vent will be required.
(O/D shall furnish and install)



1. Pulaski Electric System Engineer shall meet with Owner/Developer to plan electrical service.
2. Service distance greater than 150' could require O/D to install a meter pedestal.
3. O/D shall: Install Pad - open/close all ditches - furnish and install conduit, 1/4 " or larger pull rope, and underground type meter-base.
4. PES will perform three inspections:
 - a) All conduit run, meter-base installed, and pull rope installed
 - b) Ditches backfilled and pad formed but not poured
 - c) Pad poured and forms wrecked
5. Wire from meter-base to breaker box must terminate in bottom lugs of meter-base and must not cross PES wires.
6. PES will provide service wire from transformer to the top lugs in the meter-base.
7. Tennessee State Deputy Wiring Inspector will inspect from meter-base into the house.
8. Charges are as per Aid-to-Construction policy.