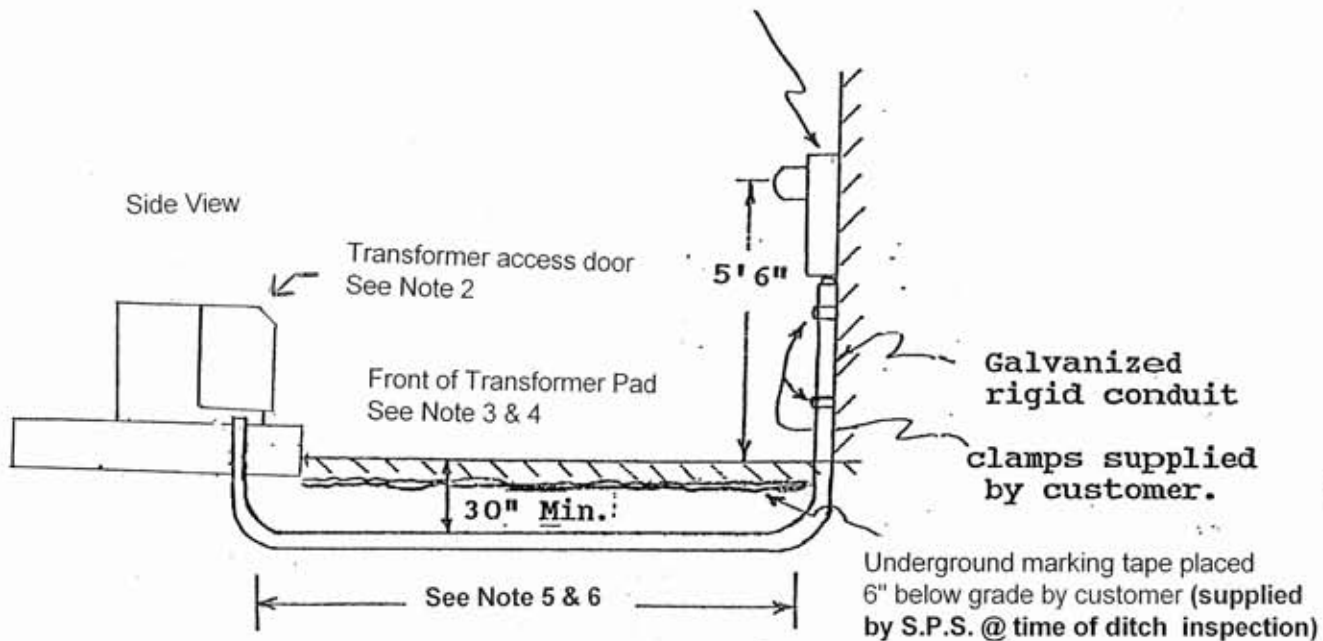


SHELBYVILLE POWER SYSTEM REQUIREMENTS
FOR UNDERGROUND SECONDARY SERVICES @ PAD
Revised 5-07

S.P.S. will furnish meter base, contractor
Installs meter base. SPS will furnish & install
conductors from transformer to top of meter base.



Note 1: All services must be spotted by S.P.S. **before** construction. Customer is to furnish & install all conduit per SPS specifications. Customer is to open and close ditches and install pull string. **S.P.S. must inspect conduit before ditch is closed.**

Note 2: S.P.S. requires 15' space clearance in front of transformer access door.

Note 3: S.P.S. requires front of transformer pad face building if pad is more than 15' from building.

Note 4: S.P.S. will spot front of transformer pad if pad is less than 15' from building.

Note 5: Conduit size

Minimum 2" for 200 amp service

Minimum 3" for 400 amp service

Note 6: Schedule 40 PVC unless under asphalt or concrete, then conduit must be rigid or schedule 80 PVC.

There is to be no more than two, 90 turns throughout conduit.

2" rigid steel conduit galvanized 90° elbows to be standard 9 1/2" radius.

3" rigid steel conduit galvanized 90° elbows to be standard 13" radius.

Department of Insurance Division of Fire Prevention Bulletin No 53

1. Transformers rated 50 kva or less shall be separated at least 10' from building.

2. Transformers rated 75 to 333 KVA shall be a minimum of 20' from building.

* Transformers can be installed closer to building provided building conditions are satisfied per bulletin No. 53