

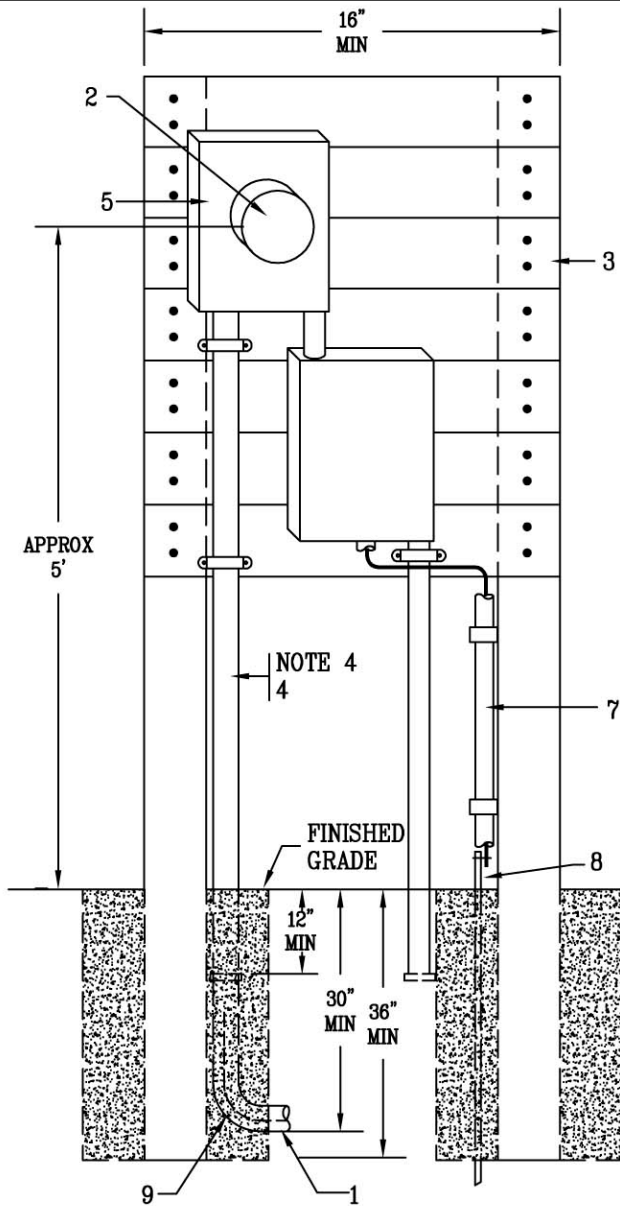
Arrangement of Wood Post Pedestal  
Underground Service Lateral from OH or UG Distribution  
Single Phase, 3 Wire, 120/208 or 120/240 Volts

SKETCH #53

SHEET 53

SKETCH #53

SHEET 53



PPL FURNISHES, INSTALLS, MAINTAINS:

- 1 - SERVICE LATERAL AND MAKES CONNECTION BETWEEN SERVICE LATERAL CABLES AND LINE SIDE TERMINALS OF THE METER BASE(S).
- 2 - METER.

CUSTOMER FURNISHES, INSTALLS, MAINTAINS:

- 3 - MOUNTING FOR SERVICE EQUIPMENT - 2 INCH NOMINAL LUMBER SECURELY FASTENED TO SUPPORTS CONSISTING OF 2 - 6 INCH BY 6 INCH BY 10 FOOT TIMBERS SET 36 INCHES MINIMUM IN CONCRETE. ALL LUMBER TO BE COPPER AZOLE 0.41 CBA-A OR 0.21 CA-B PRESSURE TREATED WOOD. HOT DIPPED GALVANIZED FASTENERS (MEETING ASTM A 153) AND CONNECTORS (ASTM A 653 CLASS G185 SHEET) ARE REQUIRED.
- 4 - SERVICE LATERAL CONDUIT, CONNECTORS AND CLAMPS - THE MINIMUM SIZE CONDUIT IS 3 INCH THREADED GALVANIZED RIGID OR INTERMEDIATE STEEL CONDUIT WITH BUSHING, OR GRAY SCHEDULE 40 PVC CONDUIT. CONTACT PPL BEFORE INSTALLING TO DETERMINE PROPER SIZE.
- 5 - METER BASE - SEE TABLES 2 OR 11 FOR LIST OF APPROVED DEVICES.
- 6 - SERVICE DISCONNECTING EQUIPMENT - MUST MEET AMPACITY AND INSTALLATION REQUIREMENTS OF THE NATIONAL ELECTRICAL (NEC) AND ANY LOCAL MUNICIPAL CODE REQUIREMENTS.
- 7 - SERVICE GROUND - PROTECT GROUND WIRE WITH MOLDING OR USE ARMORED GROUND CABLE SIZE PER NEC ARTICLE 250 - GROUNDING.
- 8 - GROUND ROD.
- 9 - 36" RADIUS SWEEP, 90° ELBOW

NOTES:

1. TWO SINGLE METER BASES MAY BE INSTALLED BACK TO BACK ON THE SERVICE SUPPORT.
2. SERVICE DISCONNECTING EQUIPMENT MAY BE INSTALLED ON BACK OF SERVICE SUPPORT.
3. EXCAVATE, PROVIDE SELECT BACKFILL, AND BACKFILL TRENCH PER CRS-6-19-134.
4. SERVICE LATERAL CONDUIT MUST BE INSTALLED DIRECTLY INTO THE METER BASE. BENDS OR LB'S MAY BE INSTALLED IN THE CONDUIT BETWEEN THE METER BASE AND SERVICE DISCONNECTING EQUIPMENT.

\*REFERENCE CRS 6-19-134

RULES FOR ELECTRIC METER AND SERVICE  
INSTALLATIONS  
**PPL ELECTRIC UTILITIES  
CORPORATION**

**Rules:** 5, 6, 27

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**Date:** 11/17/04 **Engr:** RPV