

# Typical Arrangement of Outdoor Meter on Building

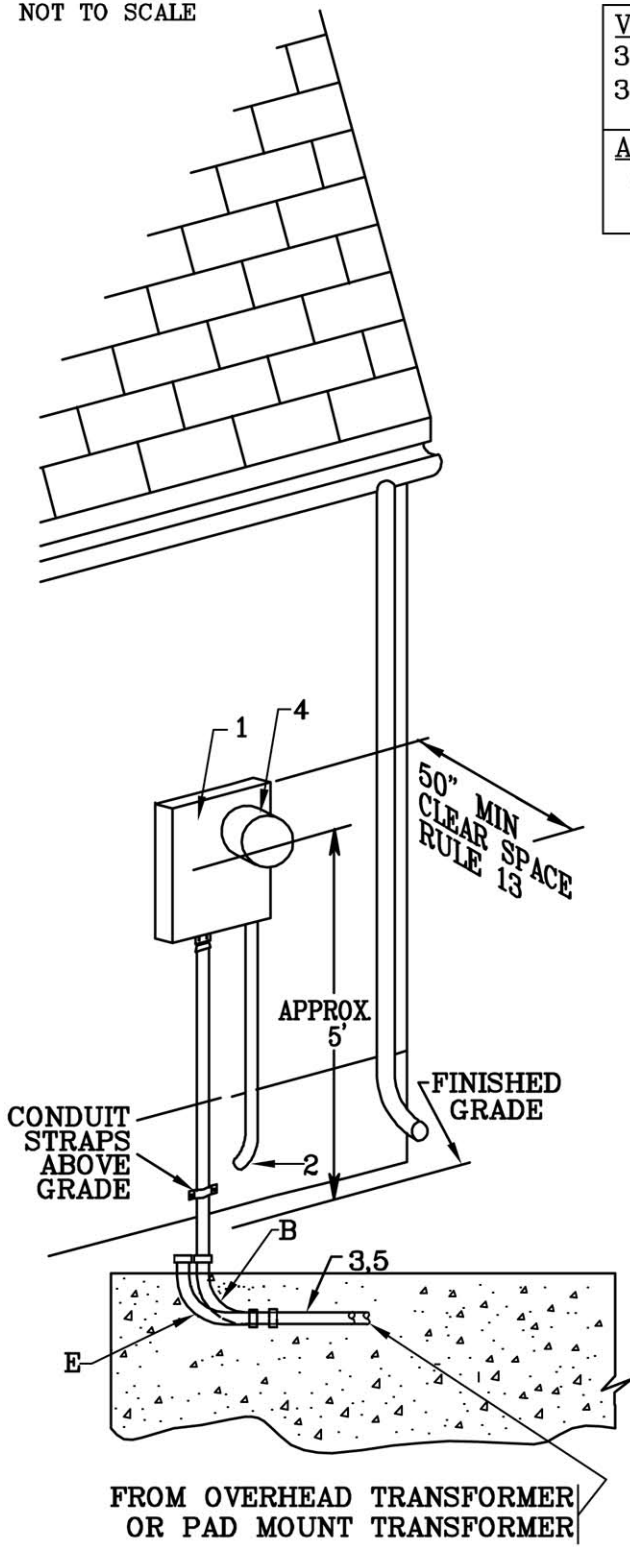
SKETCH #7B

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SHEET 1 of 1

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NOT TO SCALE



<b>VOLTAGE:</b> 3 Phase, 4 Wire, 120/208V 3 Phase, 4 Wire, 120/240V	<b>SERVICE TYPE:</b> Underground
<b>AMPERAGE:</b> 600 A Maximum	<b>METER BASE LOCATION:</b> Outdoor

CUSTOMER FURNISHES, INSTALLS, MAINTAINS:

1. UNDERGROUND METER BASE APPROVED BY PPL EU SEE TABLE 4 - 3 PHASE
2. SERVICE ENTRANCE CABLE OR CONDUCTORS IN CONDUIT. SEE RULE 5.
3. CUSTOMER INSTALLED CONDUIT SYSTEM CAN BE EITHER STEEL, OR GRAY SCHEDULE 40 PVC (SEE NOTE B) ENCASED IN CONCRETE FOR THE FULL LENGTH OF THE RUN, OR DIRECTLY BUIRED STEEL.

PPL EU FURNISHES, INSTALLS, MAINTAINS:

4. METER CL200(200A), CL320(400A), CL480(600A)
5. SERVICE LATERAL CONDUCTORS INSTALLED INSIDE OF CUSTOMER SUPPLIED CONDUIT TERMINATING IN METER BASE.

NOTES:

- A. PPL EU WILL SPECIFY CONDUIT SIZE FROM TRANSFORMER TO METER BASE AND PROVIDE FAULT CURRENT (ARC).
- B. ELBOW MUST BE STEEL TO PREVENT PVC TO STEEL COUPLING FROM BREAKING, ENCASE LOWER HALF OF THE STEEL ELBOW IN CONCRETE.
- C. IF DIRECT BURIED STEEL, CUSTOMER EXCAVATES, PROVIDES SELECT BACKFILL, BACKFILLS, TAMPs IN LAYERS OVER DISTURBED EARTH NEAR BUILDING FOUNDATION TO HELP PREVENT DAMAGE TO SERVICE ENTRANCE EQUIPMENT DUE TO GROUND SETTLING AND RESTORE SURFACE OF TRENCH FROM BASE OF POLE TO BUILDING.
- D. ALL EQUIPMENT MUST BE SECURELY MOUNTED TO 2" NOMINAL LUMBER OR MASONRY CONSTRUCTION.
- E. SPARE CONDUIT, MEETING REQUIREMENTS IN ITEM 3 ABOVE REQUIRED

\*REFERENCE CRS 6-19-133 & CRS 6-19-134

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

**Rules:** 5, 6, 10, 11B, 13, 14 REMSL\_S007B.dwg  
**Date:** 3/18/11 **Engr:** MDB