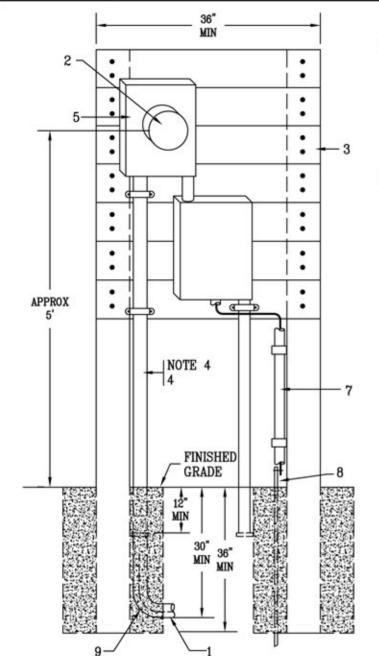
SKETCH 53

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 1

Sheet 1



## 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 AC

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REV	DATE	APPROVED			PHIES	FUB	FIFCT	BIC	METER	AND	SERVICE	INSTALLATIONS
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