

Secondary Service Multi-Meter Installation
for Overhead Service Drop Attachment
for Mobile Home Court

SKETCH #42

SHEET 42

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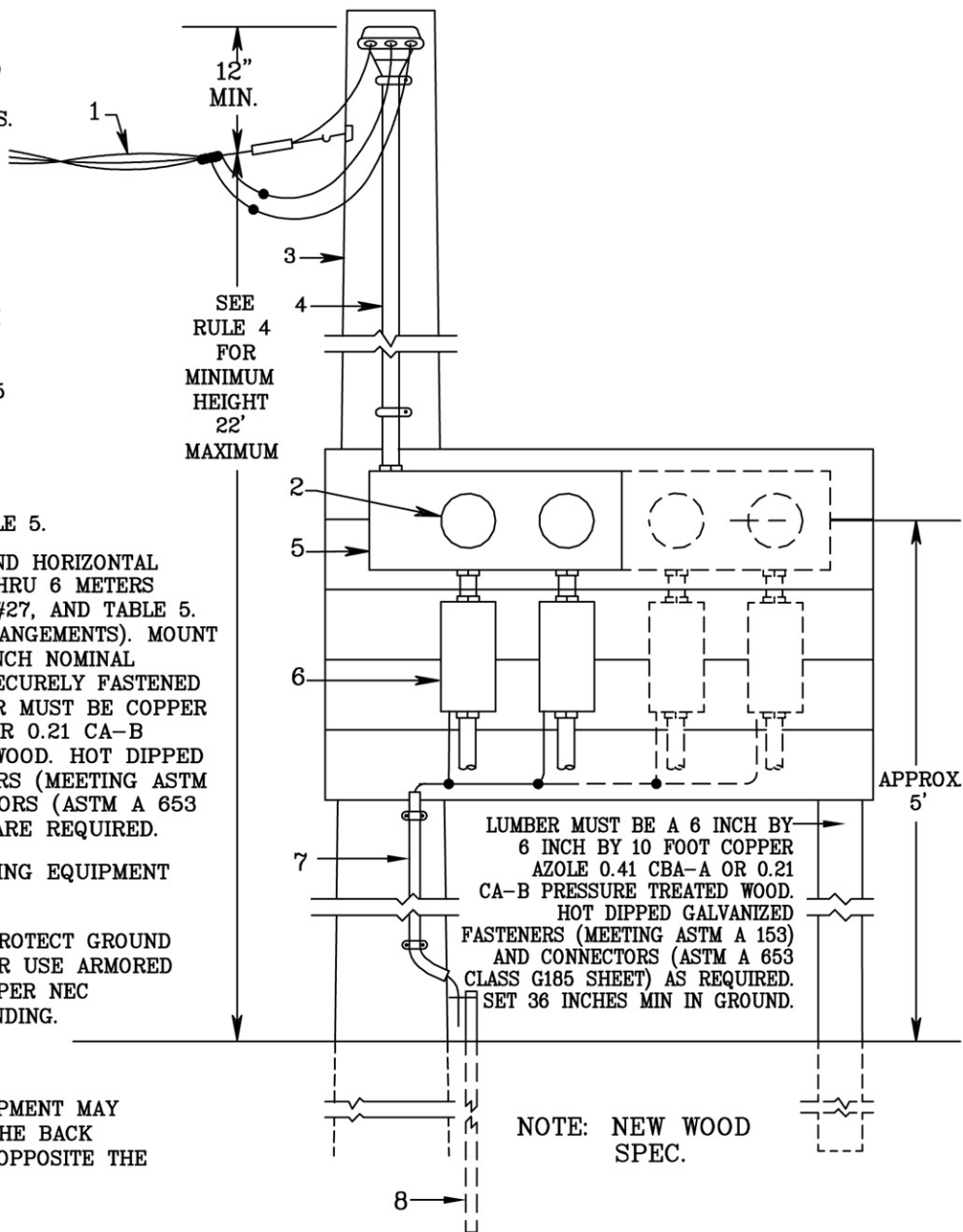
SHEET 42

PPL FURNISHES,
INSTALLS, MAINTAINS:

- 1 - SERVICE DROP AND MAKES CONNECTION TO CUSTOMER'S SERVICE ENTRANCE CONDUCTORS.
- 2 - METERS.

CUSTOMER FURNISHES,
INSTALLS, MAINTAINS:

- 3 - SERVICE SUPPORT, EITHER GUYED 3 INCH MINIMUM STEEL PIPE SET 5 FEET IN CONCRETE OR CLASS 5 MINIMUM WOOD POLE IN ACCORDANCE WITH SKETCH #47.
- 4 - SERVICE ENTRANCE CONDUCTORS, SEE RULE 5.
- 5 - SERVICE ENTRANCE AND HORIZONTAL METER BASE FOR 2 THRU 6 METERS (SEE SKETCHES #26, #27, AND TABLE 5. FOR METER BASE ARRANGEMENTS). MOUNT METER BASES ON 2 INCH NOMINAL THICKNESS LUMBER SECURELY FASTENED TO SUPPORTS. LUMBER MUST 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.
- 6 - SERVICE DISCONNECTING EQUIPMENT (SEE NOTES).
- 7 - SERVICE GROUND - PROTECT GROUND WIRE WITH MOLDING OR USE ARMORED GROUND CABLE. SIZE PER NEC ARTICLE 250 - GROUNDING.
- 8 - GROUND ROD.



NOTE 1: SERVICE EQUIPMENT MAY ALSO BE MOUNTED ON THE BACK OF THE TREATED WOOD OPPOSITE THE METER BASE.

NOTE 2: WHEN THE EXTERIOR WALL OF THE MOBILE HOME IS NOT IN SIGHT FROM AND/OR MORE THAN 30 FEET FROM THE SERVICE DISCONNECTING EQUIPMENT IN THE SKETCHES, THE INSTALLATION OF A SECOND CIRCUIT BREAKER OR SWITCH AND FUSES IN SERIES WITH THE SHOWN SERVICE DISCONNECTING EQUIPMENT IS ACCEPTABLE. IF A POST IS USED TO MOUNT THE SECOND DISCONNECT, USE A 4 INCH BY 4 INCH CROSS SECTION 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 - 24 INCHES MINIMUM IN GROUND. THE SECOND DISCONNECT IS THE MOBILE HOME SERVICE EQUIPMENT. INSTALL THREE-WIRE UNDERGROUND CABLE BETWEEN THE TWO DISCONNECTS AND FOUR-WIRE FEEDER CABLE BETWEEN THE SECOND DISCONNECT AND THE MOBILE HOME. INSTALL GROUNDS AT BOTH DISCONNECTS.

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

Rules: 4, 5, 16, 27

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