

Secondary Service Drop Attachment
to an Angle Iron Support
to Provide Required Clearances

SKETCH #3B

SKETCH #3B

SHEET 1 of 1

SHEET 1 of 1

NOT TO SCALE

THIS TYPE OF CONNECTION IS LIMITED TO SERVICES WITH SELF-CONTAINED METER AND #4, #1/0, OR 4/0 TRIPLEX FOR SINGLE PHASE, 3 WIRE OR 2/0 QUADRUPLEX FOR THREE PHASE, 4 WIRE

VOLTAGE: 1 Phase, 3 WIRE, 120/240V 3 Phase, 4 WIRE WYE, 120/208V 3 Phase, 4 WIRE DELTA, 120/240V	SERVICE TYPE: Overhead
AMPERAGE: 400 A Maximum	METER BASE LOCATION: Outdoor

PPL EU FURNISHES, INSTALLS, MAINTAINS

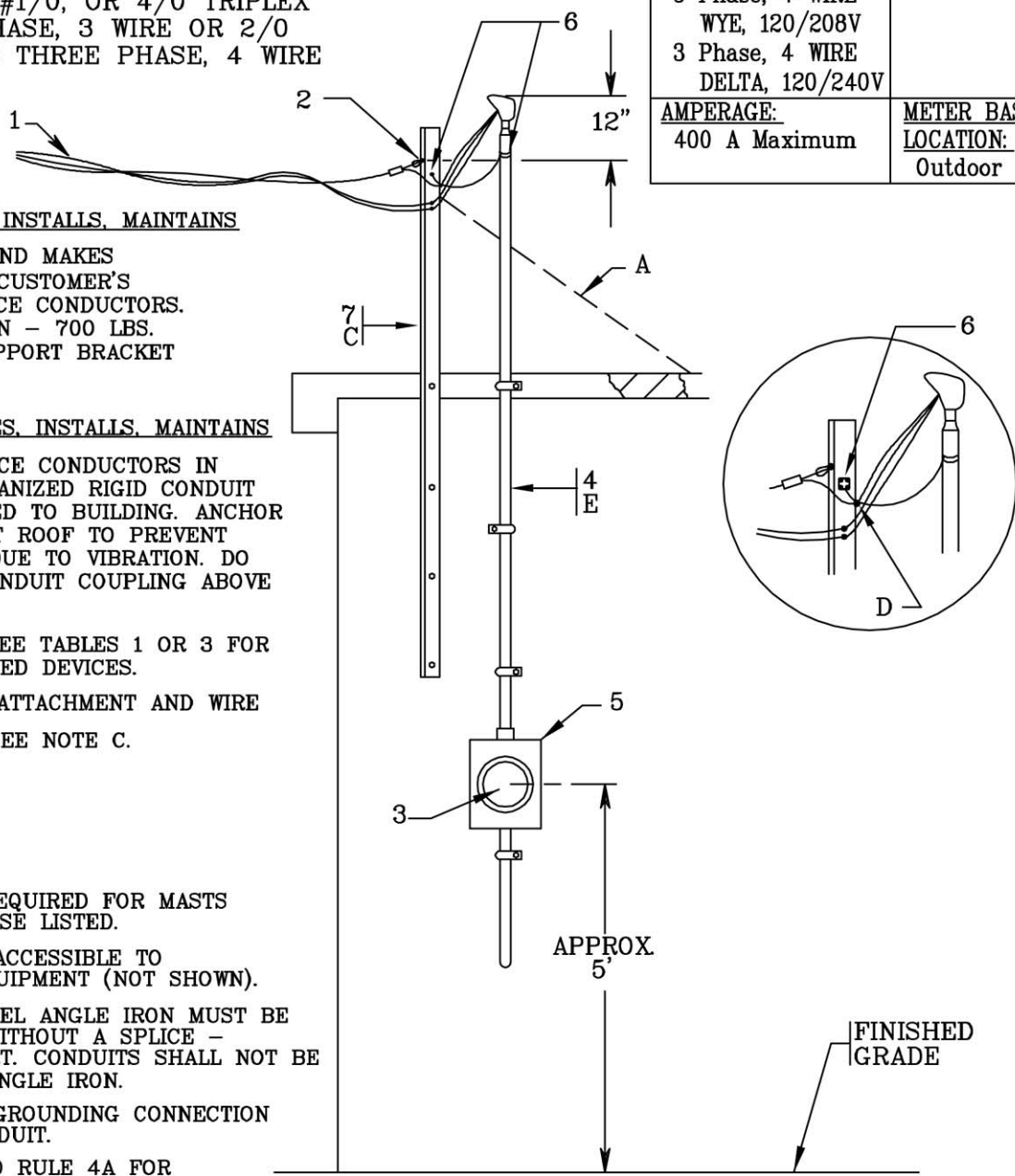
1. SERVICE DROP AND MAKES CONNECTION TO CUSTOMER'S SERVICE ENTRANCE CONDUCTORS. MAXIMUM TENSION - 700 LBS.
2. ATTACHMENT SUPPORT BRACKET
3. METER

CUSTOMER FURNISHES, INSTALLS, MAINTAINS

4. SERVICE ENTRANCE CONDUCTORS IN THREADED GALVANIZED RIGID CONDUIT FIRMLY ATTACHED TO BUILDING. ANCHOR PIPE RIGIDLY AT ROOF TO PREVENT ROOF DAMAGE DUE TO VIBRATION. DO NOT INSTALL CONDUIT COUPLING ABOVE ROOF LINE.
5. METER BASE; SEE TABLES 1 OR 3 FOR LIST OF APPROVED DEVICES.
6. GROUND CLAMP/ATTACHMENT AND WIRE
7. ANGLE IRON - SEE NOTE C.

NOTES:

- A. SUPPORT GUY REQUIRED FOR MASTS OTHER THAN THOSE LISTED.
- B. MAST MUST BE ACCESSIBLE TO MECHANIZED EQUIPMENT (NOT SHOWN).
- C. STRUCTURAL STEEL ANGLE IRON MUST BE FULL LENGTH WITHOUT A SPLICE - REFER TO CHART. CONDUITS SHALL NOT BE ATTACHED TO ANGLE IRON.
- D. PPL EU MAKES GROUNDING CONNECTION FOR METAL CONDUIT.
- E. SEE RULE 4 AND RULE 4A FOR CLEARANCE.
- F. 50" MINIMUM CLEAR SPACE IN FRONT OF METER BASE. SEE RULE 13, SKETCH #55 AND SKETCH #55A (SIDE VIEW).



ANGLE IRON SIZE (INCHES)	MAXIMUM HEIGHT (INCHES) ABOVE LAST SUPPORT BOLT (NO GUY)
3 X 3 X 7/16	27
4 X 4 X 1/2	56
5 X 5 X 1/2	90

*REFERENCE: SKETCH #55, SKETCH #55A

RULES FOR ELECTRIC METER AND SERVICE INSTALLATIONS
PPL ELECTRIC UTILITIES CORPORATION

Rules: 4, 4A, 5, 13
Date: 3/18/11 **Engr:** MDB
REMSI_S003B.dwg