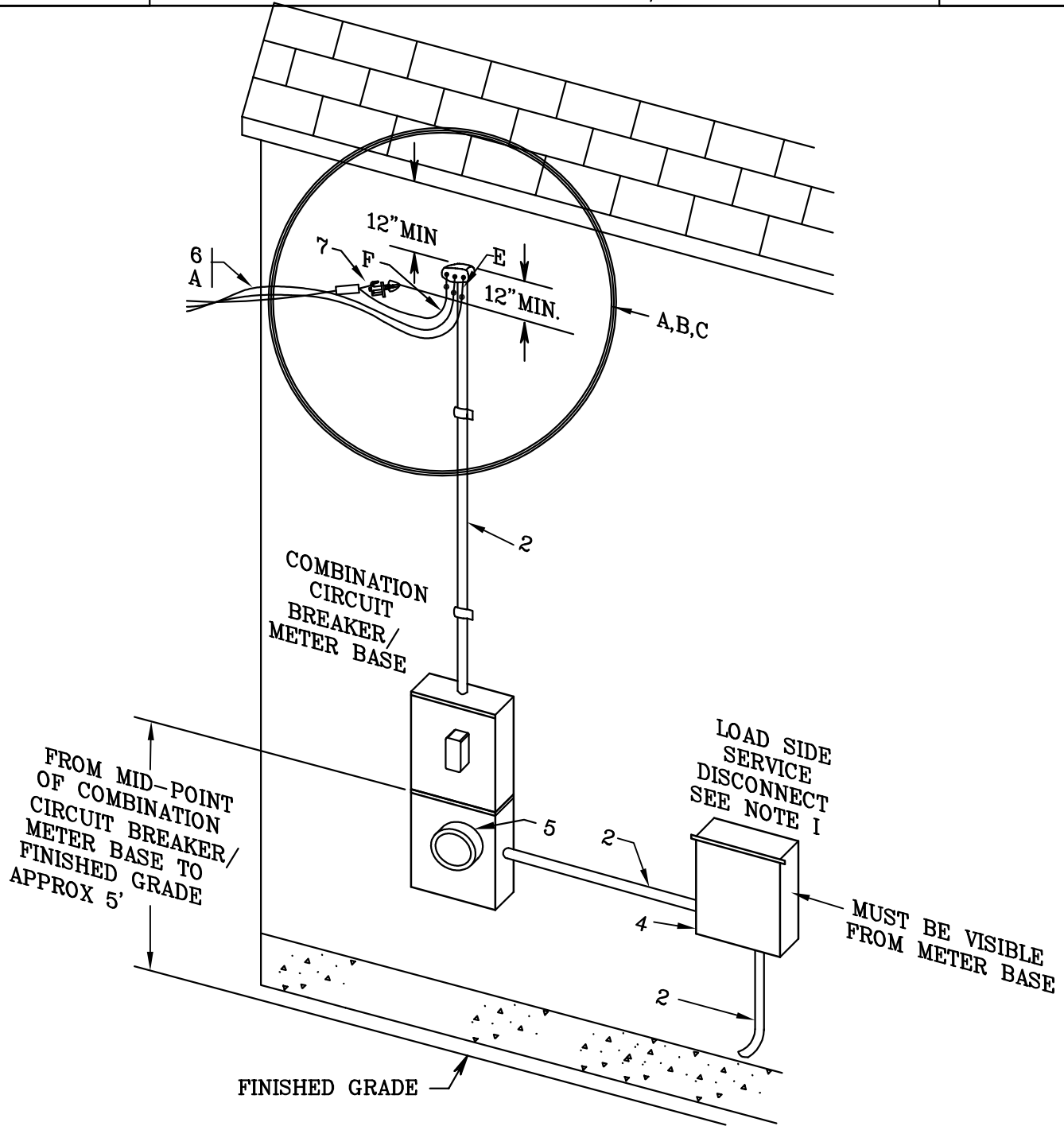


Typical Arrangement of Outdoor Metering Equipment On Building
From Overhead Distribution

SKETCH 82
SHEET 1 of 2

Three Phase 277/480Y Volts Self Contained 200A
Combination Circuit Breaker/Meter Base

SKETCH 82
SHEET 1 of 2



REFERENCE: SKETCH 55, SKETCH 55A

RULES FOR ELECTRIC METER AND SERVICE
INSTALLATIONS
PPL ELECTRIC UTILITIES
CORPORATION

Rules: 4, 4A, 5, 13, 14

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Date: 3/25/09 Engr: MDB

Typical Arrangement of Outdoor Metering Equipment On Building
From Overhead Distribution

SKETCH 82	Three Phase 277/480Y Volts Self Contained 200A Combination Circuit Breaker/Meter Base	SKETCH 82
SHEET 2 of 2		SHEET 2 of 2

CUSTOMER FURNISHES, INSTALLS, MAINTAINS:

1. COMBINATION CIRCUIT BREAKER/METER BASE SHORT-CIRCUIT RATING SIZED EQUAL TO OR GREATER THAN THE AVAILABLE INTERRUPTING CAPACITY (AIC) REFERENCE TABLE 3 FOR APPROVED COMBINATION BREAKER/METER BASE INFORMATION.
2. CONDUCTORS IN GRAY SCHEDULE 40 PVC OR RIGID OR INTERMEDIATE STEEL CONDUIT (SEE RULE 5).
3. CUSTOMER SERVICE EQUIPMENT MUST CONTAIN MAIN BREAKER OR FUSED DISCONNECT AND BE VISIBLE FROM METERBASE.. SEE NOTE I FOR EXCEPTION.
4. COMBINATION CIRCUIT BREAKER/METER BASE AND LOAD SIDE SERVICE DISCONNECTS SHALL BE CLEARLY AND PERMANENTLY MARKED BY OWNER, MUST DESIGNATE EQUIPMANT TYPE (LINE SIDE CIRCUIT BREAKER, METER BASE, ETC.), SERVICE ADDRESS AND 480V.

PPL EU FURNISHES, INSTALLS, MAINTAINS:

5. METER-CL200(200A) OR CL320(400A)
6. NEW SERVICE DROP AND MAKES CONNECTION TO CUSTOMERS SERVICE ENTRANCE CONDUCTORS MAXIMUM TENSION-700 LBS.

PPL EU FURNISHES, CUSTOMER INSTALLS:

7. SERVICE BRACKET-PPL EU CATALOG #107280

NOTES:

- A. SEE RULE 4 AND 4A FOR CLEARANCES.
- B. 36 INCHES MINIMUM CLEARANCE IN ANY DIRECTION FROM WINDOWS, DOORS, PORCHES, FIRE ESCAPES, OR SIMILAR. EXCEPTION: SEE NOTE C
- C. LESS THAN 36 INCHES PERMITTED WHEN SERVICE DROPS OR DRIP LOOPS ARE LOCATED OUT OF REACH ABOVE THE TOP LEVEL OF A WINDOW OR THE WINDOW IS DESIGNED NOT TO BE OPEN.
- D. ALL EQUIPMENT MUST BE SECURELY MOUNTED TO 2" NOMINAL LUMBER OR MASONRY CONSTRUCTION.
- E. CUSTOMER RESPONSIBILITY.
- F. PPL EU RESPONSIBILITY.
- G. 50" MINIMUM CLEARSPACE IN FRONT OF COMBINATION CIRCUIT BREAKER/METER BASE SEE RULE 13, SKETCH 55 AND SKETCH 55A (SIDE VIEW).
- H. ALL 240/480 VOLT AND 277/480 VOLT SERVICES SHALL BE INSTALLED PER THE NATIONAL ELECTRIC CODE AND ANY OTHER APPLICABLE CODE.
- I. WHEN THE MAIN BREAKER OR FUSED DISCONNECT IS LOCATED OUTSIDE OF VISUAL DISTANCE OF THE METER BASE AN ADDITIONAL UNFUSED HEAVY DUTY SAFETY SWITCH WITH PROVISIONS TO BE LOCKED IN THE OPEN AND CLOSED POSITIONS SHALL BE PLACED WITHIN VISUAL DISTANCE OF THE METER BASE.

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

Rules: 4, 4A, 5, 13, 14

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Date: 3/25/09 **Engr:** MDB