

A CO-OP APPROVED METER BASE SHALL BE FURNISHED AND INSTALLED BY MEMBER.

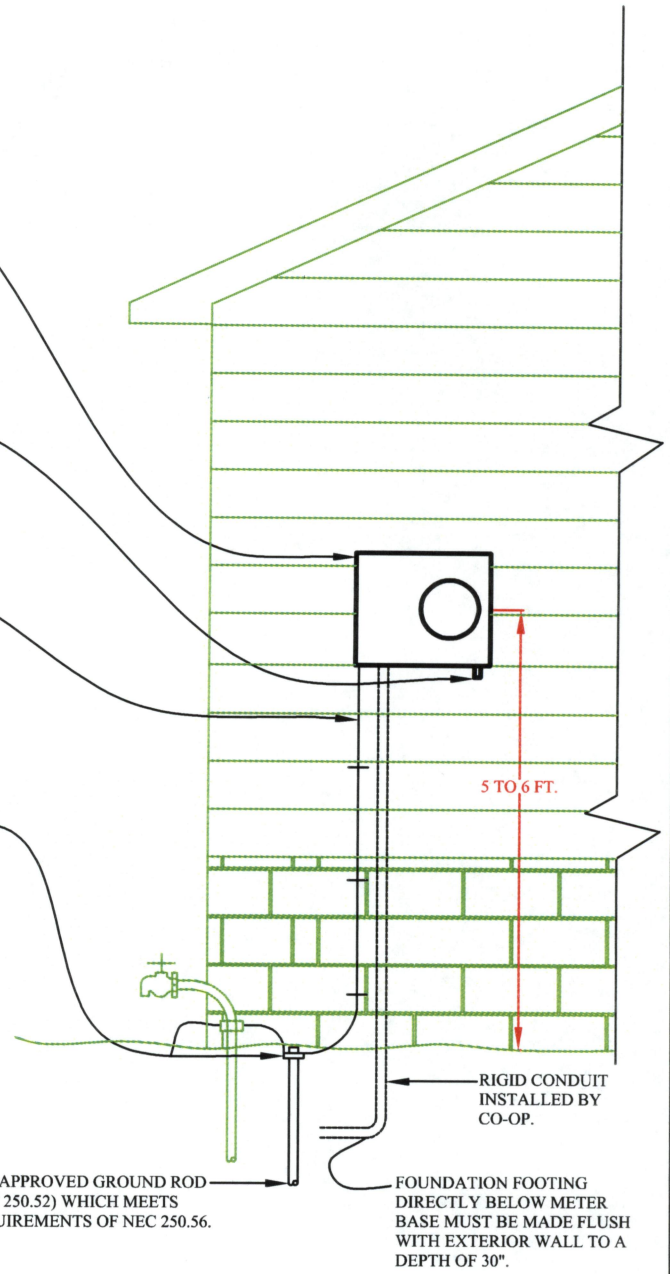
LIGHTNING ARRESTER FURNISHED, INSTALLED, AND MAINTAINED BY MEMBER. (RECOMMENDED)

GROUNDING CONDUCTOR SHALL BE #4 BARE COPPER UNLESS A LARGER CONDUCTOR IS REQUIRED BY THE NATIONAL ELECTRICAL CODE, LATEST REVISION (TABLE 250.66). THE MEMBER SHALL PROPERLY SECURE GROUNDING CONDUCTOR.

APPROVED GROUND CLAMP, INSTALLED AND MAINTAINED BY MEMBER, SHALL BE ATTACHED TO AN APPROVED GROUNDING ELECTRODE AND BONDED TO METALLIC WATER PIPING SYSTEM. (NEC 250.52)

NOTES

1. METER BASE AND CONDUIT MUST BE SURFACE MOUNTED AND MAY NOT BE RECESSED INTO MASONRY/BRICK WALLS OR COVERED WITH FLASHING OR SIDING.
2. IF EXTERIOR CABLE EXIT IS UTILIZED FOR THE MEMBER'S SERVICE CONDUCTOR, THE SERVICE CONDUCTOR MUST BE ENCLOSED IN AN APPROVED CONDUIT PER NEC 230.50 (SCHEDULE 40 RIGID NON METALLIC CONDUIT, RIGID METAL CONDUIT, ETC) TO A LEVEL 18" BELOW FINAL GRADE.
3. MEMBER IS SOLELY RESPONSIBLE FOR IDENTIFYING OR LOCATING ALL BELOW GRADE FACILITIES NEAR THE EXCAVATION OF THE SERVICE CABLE INCLUDING, BUT NOT LIMITED TO, ELECTRIC CONDUCTORS, COMMUNICATION LINES, WATER LINES, SEWER LINES, DRAIN FIELDS, SEPTIC TANKS, ETC.
4. MEMBER WILL BE REQUIRED TO PROVIDE A CLEAR PATH, TO ALLOW CO-OP TO TRENCH AND INSTALL SERVICE CABLE. THIS PATH MUST BE 20 FT. IN WIDTH AND EXTEND FROM THE SERVICE POINT TO THE METER BASE.
5. MEMBER SERVICE ENTRANCE CONDUCTORS BEGIN AT LOAD TERMINALS OF UNDERGROUND SOURCE.
6. ANTIOXIDANT COMPOUND IS REQUIRED ON ALL CONNECTIONS TO ALUMINUM CONDUCTORS
7. METER MUST BE READILY ACCESSIBLE WITH NO OBSTRUCTIONS. A CLEAR WORK AREA WITH AN 18" CLEARANCE ON ALL SIDES AND A 36" CLEARANCE IN FRONT OF METER BASE IS REQUIRED. THIS CLEARANCE MUST EXTEND TO A HEIGHT OF 84".



NEC APPROVED GROUND ROD (NEC 250.52) WHICH MEETS REQUIREMENTS OF NEC 250.56.

RIGID CONDUIT INSTALLED BY CO-OP.

FOUNDATION FOOTING DIRECTLY BELOW METER BASE MUST BE MADE FLUSH WITH EXTERIOR WALL TO A DEPTH OF 30".

NO.	REVISION	DATE

DATE: 2-11-05
 DRAWN BY: S.T.W
 APP'D BY:

**RESIDENTIAL AND SMALL COMMERCIAL
 USE UNDERGROUND SERVICE**
 STANDARD ELECTRIC SERVICE
 REQUIREMENTS CULLMAN ELECTRIC
 COOPERATIVE CULLMAN, ALABAMA

SPEC. NO.
 UG-2