



CLAVERACK RURAL ELECTRIC COOPERATIVE, INC.

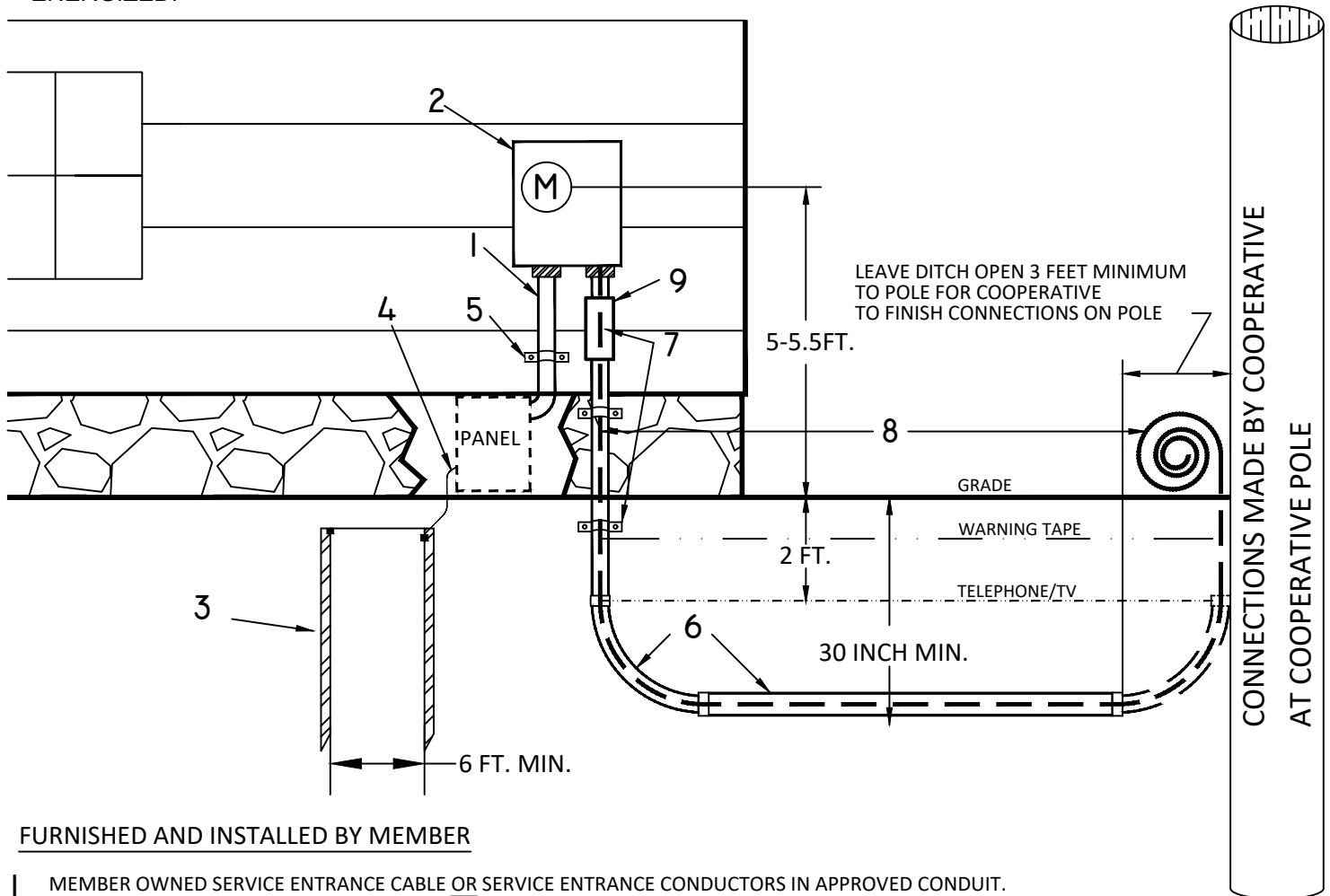
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INSTALLATION REQUIREMENTS FOR UNDERGROUND SERVICE TO A PERMANENT BUILDING

IMPORTANT:

ALL INSTALLATIONS MUST BE INSPECTED AND APPROVED BY A RECOGNIZED INSPECTION AGENCY BEFORE THE SERVICE CAN BE ENERGIZED.

ALL INSTALLATIONS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. SEE "SPECIFICATION FOR UNDERGROUND SERVICE INSTALLATION" FOR TRENCH REQUIREMENTS.



FURNISHED AND INSTALLED BY MEMBER

- 1 MEMBER OWNED SERVICE ENTRANCE CABLE OR SERVICE ENTRANCE CONDUCTORS IN APPROVED CONDUIT. INHIBITOR COMPOUND USED ON ALL ALUMINUM WIRE TERMINATIONS
400 AMP - 600 MCM ALUMINUM OR 400 MCM COPPER
200 AMP - 4/0 ALUMINUM OR 2/0 COPPER
100 AMP - #2 ALUMINUM OR #4 COPPER
- 2 MEMBER OWNED 4 JAW UL APPROVED RINGLESS TYPE OFFSET METERBASE WITH WEATHER TIGHT HUBS AND BY-PASS HORNS. 200 AMP. MINIMUM. DO NOT USE BOTTOM CENTER KNOCKOUT.
- 3 TWO (2) 5/8 INCH x 8 FEET MINIMUM COPPERWELD OR GALVANIZED GROUND ROD(S).
- 4 GROUND WIRE, #6 BARE COPPER FOR 100 AMP, #4 BARE COPPER FOR A 200 AMP. 1/0 BARE COPPER FOR 400 AMP. INSTALLATION WHERE AVAILABLE. SERVICE SHOULD ALSO BE GROUNDED TO WELL CASING OR UNDERGROUND METALLIC WATER PIPING SYSTEM. GAS OR FUEL OIL PIPING SHALL NOT BE USED AS A GROUNDING ELECTRODE. BONDING: SEE N.E.C. ARTICLE 250
- 5 CABLE STRAPS AS NEEDED.
- 6 3 INCH SCHEDULE 40 PVC ELECTRICAL CONDUIT WITH (2) SCHEDULE 40 PVC 24 INCH MINIMUM RADIUS SWEEPS.
- 7 3 INCH STANDARD THREADED CONNECTOR ASSEMBLY, 3 INCH ELECTRICAL GRADE CONDUIT SCHEDULE 40 MINIMUM ABOVE GRADE WITH 2 HOLE STRAPS. DRILL A 1/4 INCH WEEP HOLE 6 INCHES ABOVE GROUND LEVEL.
- 8 1/4 INCH NYLON PULL ROPE. TIE PULL ROPE OFF AT BOTH ENDS TO PREVENT ROPE FROM PULLING OUT OF CONDUIT.
- 9 3" EXPANSION FITTING.