

CLAVERACK RURAL ELECTRIC COOPERATIVE, INC.

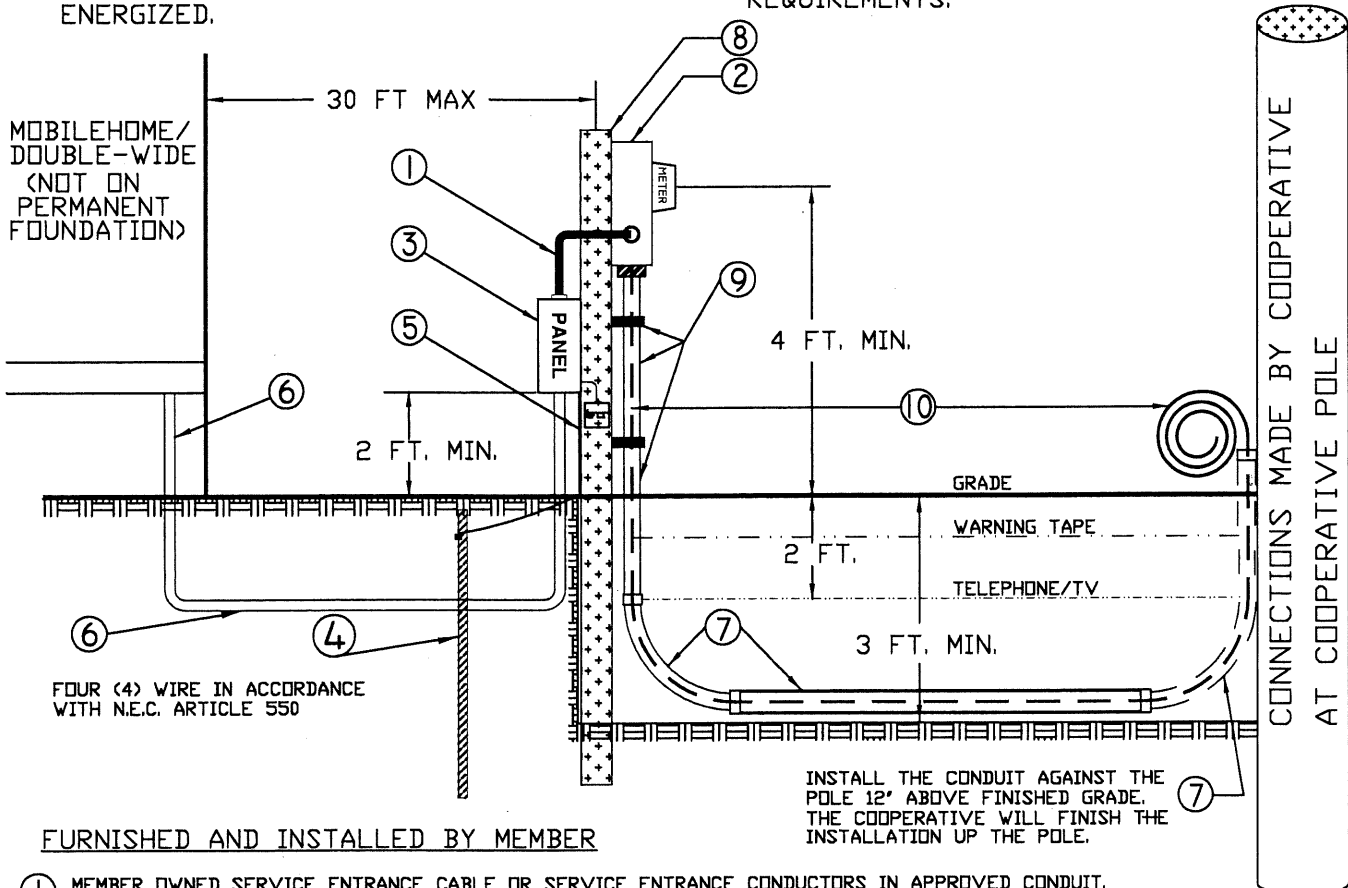
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INSTALLATION REQUIREMENTS FOR UNDERGROUND - POLE / POST MOUNTED SERVICES FOR MOBILE HOMES AND DOUBLE-WIDE APPLICATIONS

IMPORTANT:

ALL INSTALLATIONS MUST BE INSPECTED AND APPROVED BY THE MUNICIPALITY APPROVED INSPECTION AGENCY (PER UCC CODE) BEFORE THE SERVICE CAN BE ENERGIZED.

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



FURNISHED AND INSTALLED BY MEMBER

INSTALL THE CONDUIT AGAINST THE POLE 12" ABOVE FINISHED GRADE. THE COOPERATIVE WILL FINISH THE INSTALLATION UP THE POLE.

- ① MEMBER OWNED SERVICE ENTRANCE CABLE OR SERVICE ENTRANCE CONDUCTORS IN APPROVED CONDUIT.
 200 AMP - 4/0 ALUMINIUM OR 2/0 COPPER INHIBITOR COMPOUND USED ON ALL ALUMINIUM WIRE TERMINATIONS
- 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 MEMBER OWNED SERVICE EQUIPMENT - MINIMUM 200 AMP. WITH 6 BREAKER SPACES MINIMUM (NEMA 3R)
 WEATHERPROOF RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTOR (GFCI)
- ④ 5/8 INCH X 8 FEET MINIMUM COPPERWELD OR GALVANIZED GROUND ROD(S)
- ⑤ GROUND WIRE # 4 BARE COPPER FOR A 200 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
- ⑥ CONDUIT WITH 4 WIRE CABLE
- ⑦ 3 INCH SCHEDULE 40 PVC ELECTRICAL CONDUIT WITH (2) SCHEDULE 40 PVC 24 INCH MINIMUM RADIUS SWEEPS.
- ⑧ 3/4 INCH EXTERIOR PLYWOOD OR EQUIVALENT IN STRENGTH PRESSURE TREATED LUMBER
 MINIMUM 8 INCH X 8 INCH PRESSURE TREATED POST OF POLE AT A MINIMUM DEPTH OF 48 INCHES (4 FT.)
- ⑨ 3 INCH STANDARD THREADED CONNECTOR ASSEMBLY, 3 INCH ELECTRICAL GRADE CONDUIT SCHEDULE 40 PVC AND
 2 HOLE STRAPS WITH A 1/4 INCH WEEP HOLE DRILLED 6 INCHES ABOVE GROUND LEVEL IS SUGGESTED.
- ⑩ 1/4 INCH NYLON PULL ROPE. TIE PULL ROPE OFF AT BOTH ENDS TO PREVENT ROPE FROM PULLING OUT OF CONDUIT.