



CLAVERACK RURAL ELECTRIC COOPERATIVE, INC.

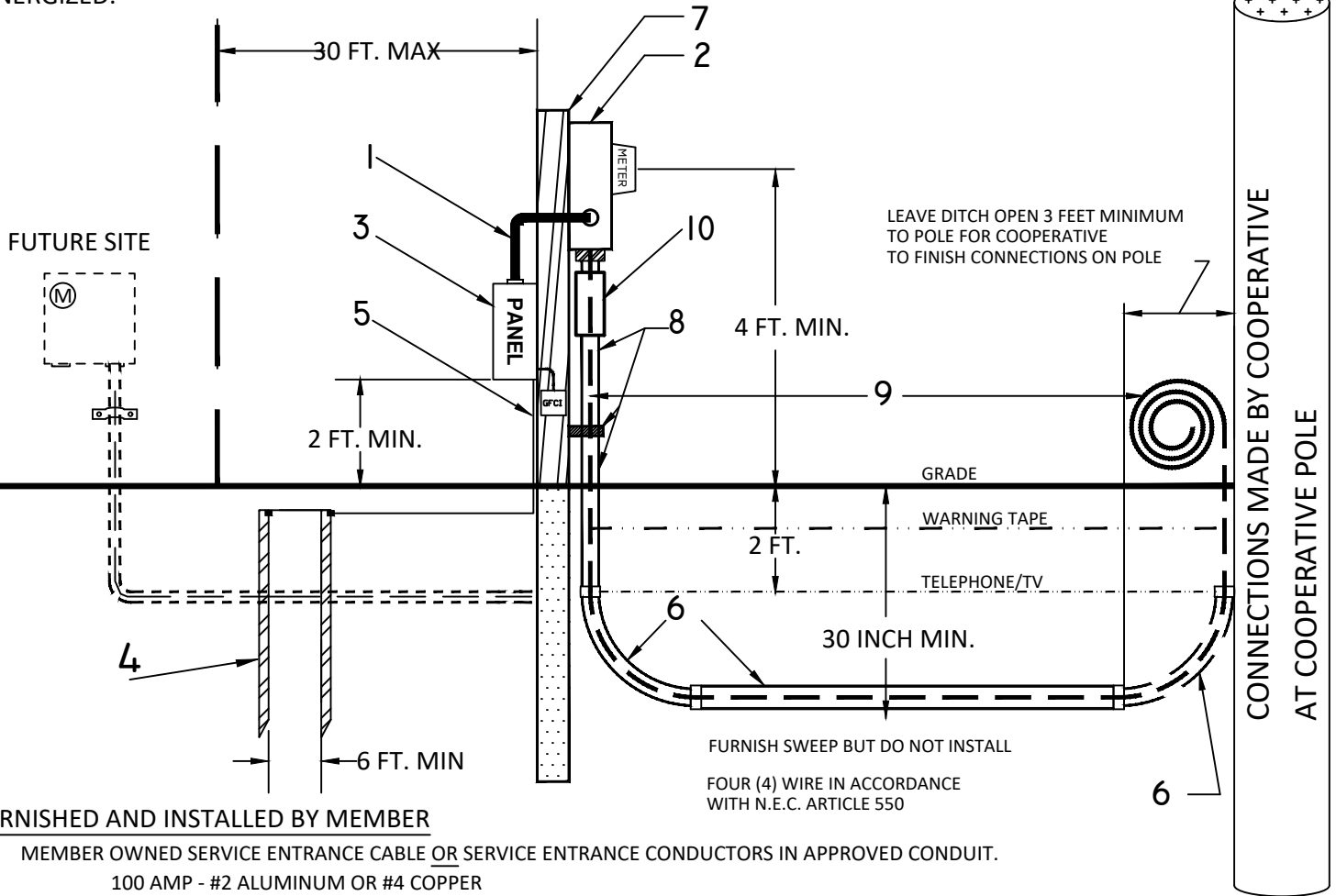
32750 ROUTE 6
WYSOX, PENNSYLVANIA 18854
www.claverack.com --- 1(800) 326-9799

INSTALLATION REQUIREMENTS FOR TEMPORARY UNDERGROUND SERVICE

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 "SPECIFICATIONS FOR UNDERGROUND SERVICE INSTALLATION" FOR TRENCH REQUIREMENTS.



FURNISHED AND INSTALLED BY MEMBER

MEMBER OWNED SERVICE ENTRANCE CABLE OR SERVICE ENTRANCE CONDUCTORS IN APPROVED CONDUIT.

- 1 100 AMP - #2 ALUMINUM OR #4 COPPER
200 AMP - 4/0 ALUMINIUM OR 2/0 COPPER
INHIBITOR COMPOUND USED ON ALL ALUMINUM 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 100 AMP - WEATHERTIGHT ENCLOSURE WEATHERPROOF RECEPTACLE WITH GROUND FAULT CIRCUIT INTERRUPTOR (GFCI).
- 4 TWO (2) 5/8 INCH x 8 FEET (MIN.) COPPERWELD OR GALVANIZED GROUND RODS.
- 5 GROUND WIRE # 6 BARE COPPER FOR A 100 AMP INSTALLATION AND #4 BARE COPPER FOR A 200 AMP INSTALLATION. 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 MEMBER SUPPLIED/INSTALLED 3 INCH SCHEDULE 40 MINIMUM ELECTRICAL CONDUIT WITH (2) SCHEDULE 40 PVC 24 INCH MINIMUM RADIUS SWEEPS.
- 7 MINIMUM 6 INCH X 6 INCH PRESSURE TREATED POST OR POLE AT A MINIMUM DEPTH OF 48 INCHES (4 FT.)
- 8 3 INCH STANDARD THREADED CONNECTOR ASSEMBLY. 3 INCH ELECTRICAL GRADE CONDUIT SCHEDULE 40 MINIMUM ABOVE GRADE AND 2 HOLE STRAPS WITH A 1/4 INCH WEEP HOLE DRILLED 6 INCHES ABOVE GROUND LEVEL IS SUGGESTED.
- 9 1/4 INCH NYLON PULL ROPE. TIE PULL ROPE OFF AT BOTH ENDS TO PREVENT ROPE FROM PULLING OUT OF CONDUIT.
- 10 3" EXPANSION FITTING.