

# SULLIVAN COUNTY RURAL ELECTRIC CO-OP, INC.

P.O. BOX 65, ROUTE 87  
FORKSVILLE, PENNSYLVANIA 18616  
(570) 924 - 3381 www.screc.com  
(800) 570 - 5081 email: screc@epix.net

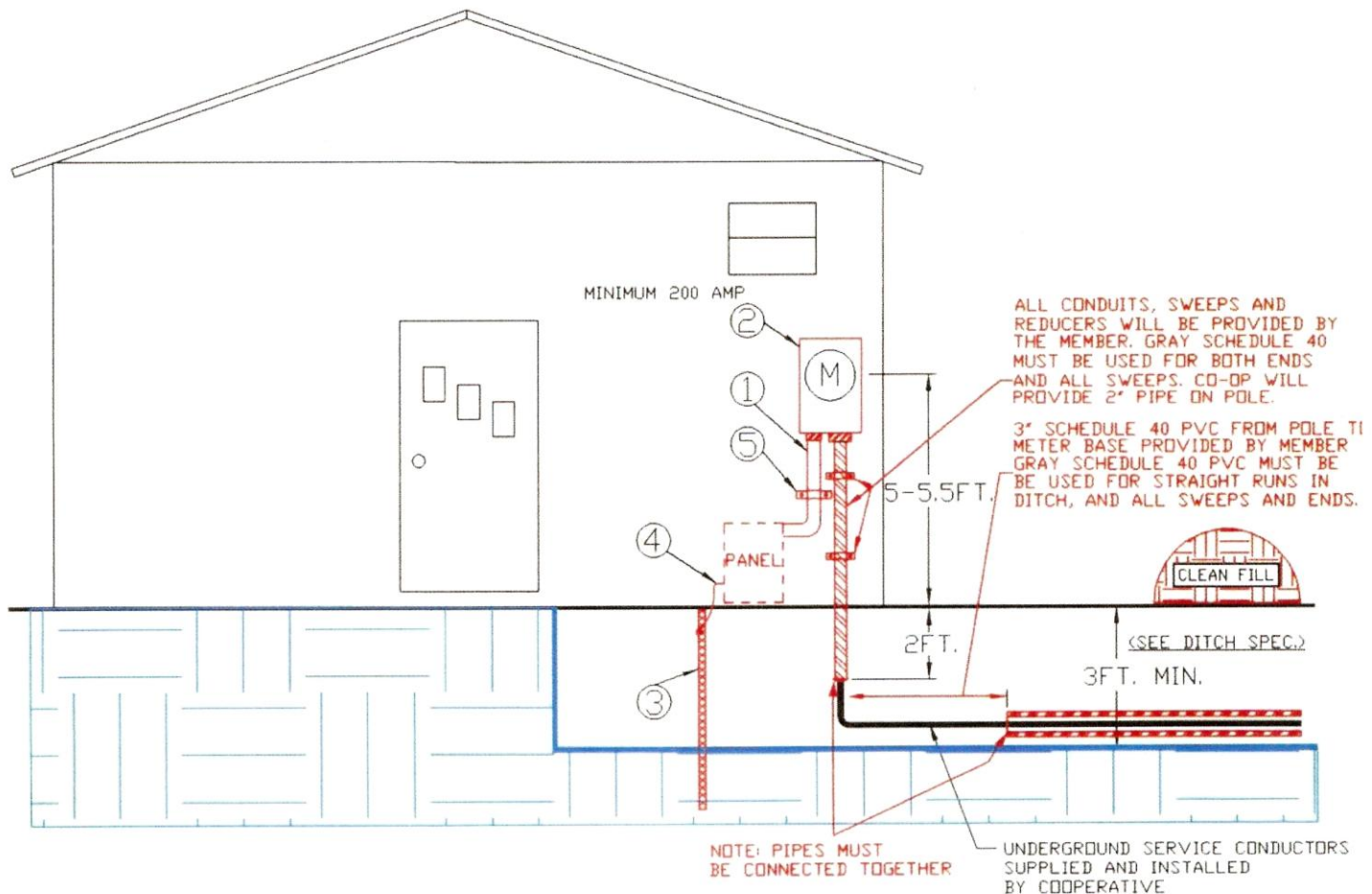
## INSTALLATION REQUIREMENTS OF UNDERGROUND SERVICE FOR A PERMANENT BUILDING

### IMPORTANT:

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

ALL INSTALLATIONS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE

DITCH MUST BE INSPECTED BY SULLIVAN PERSONNEL PRIOR TO BACKFILLING



### FURNISHED AND INSTALLED BY MEMBER

- ① MEMBER OWNED SERVICE ENTRANCE CABLE OR SERVICE ENTRANCE CONDUCTORS IN APPROVED CONDUIT. 200 AMP SERVICE REQUIRES 4/0 ALUMINUM OR 2/0 COPPER. PANEL BOX MUST BE PLACED AT NEAREST ACCESSIBLE POINT TO METER BASE.
- ② MEMBER OWNED 4 JAW UL APPROVED RINGLESS TYPE METERBASE WITH WEATHER TIGHT HUBS PURCHASED FROM AN ELECTRICAL SUPPLY COMPANY. DO NOT USE BOTTOM CENTER KNOCKOUT
- ③ ONE (1) 5/8" x 8' COPPERWELD GROUND ROD
- ④ GROUND WIRE # 6 BARE COPPER FOR 100 AMP INSTALLATION AND # 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.
- ⑤ CABLE STRAPS AS NEEDED

# SPECIFICATIONS FOR UNDERGROUND SERVICE INSTALLATION

- 1 THE MEMBER MUST DIG THE DITCH TO COOPERATIVE SPECIFICATIONS.
- 2 DITCH LENGTH (MUST BE LESS THAN 150 FEET) AND ROUTING MUST BE EXACTLY AS SPECIFIED BY THE COOPERATIVE AND MUST BE AS SHORT AND DIRECT AS POSSIBLE BETWEEN METER LOCATION AND THE DESIGNATED POLE.
- 3 THE ENTIRE LENGTH OF THE DITCH MUST BE AT LEAST THREE (3') FEET DEEP AND FREE OF LARGE OR SHARP ROCKS.
- 4 THE MEMBER MUST PROVIDE AND INSTALL 3' SCHEDULE 40 PVC WITH 36" LONG SWEEPS. GRAY SCHEDULE 40 PVC MUST BE USED AT ALL TIMES INCLUDING BOTH ENDS AND ALL SWEEPS. MEMBER MUST PROVIDE REDUCER FOR 2" PIPE ON POLE.
- 5 AFTER THE DITCH HAS BEEN INSPECTED BY THE COOPERATIVE FOR PROPER DITCH DEPTH, LENGTH, AND PROPER CONDUIT, THE CO-OP WILL INSTALL THE CABLE AND THE DITCH MAY THEN BE BACKFILLED.
- 6 TELEPHONE AND OTHER COMMUNICATION CABLES MAY BE PLACED IN THE SAME DITCH AT ONE FOOT ABOVE THE UNDERGROUND SERVICE CABLE.
- 7 AFTER THE ELECTRICAL SERVICE IS INSPECTED AND APPROVED AND THE DITCH IS PROPERLY BACKFILLED, THE COOPERATIVE WILL ENERGIZE THE SERVICE.
- 8 WATER OR GAS LINES ARE NOT PERMITTED IN THE SAME DITCH.
- 9 THE LOCATION OF THE UNDERGROUND MUST BE MARKED AND RECORDED ON A MAP. MOST OUTAGES ON UNDERGROUND SERVICES ARE CAUSED BY 'DIG UPS' WHICH ARE COSTLY AS WELL AS INCONVENIENT.
- 10 THE PENNSYLVANIA ONE CALL SYSTEM INC., 1-(800)-242-1776 MUST BE CONTACTED FOR ANY WORK DONE ON THE PROPERTY TO: DIG, DRILL, BLAST, AUGER, BORE, GRADE, TRENCH OR DEMOLISH. PENNSYLVANIA LAW REQUIRES 3 WORKING DAYS NOTICE FROM MEMBER OR EXCAVATOR.
- 11 IF FOR ANY REASON IT BECOMES NECESSARY TO REPAIR OR REPLACE THE UNDERGROUND CABLE, THE MEMBER SHALL BE RESPONSIBLE FOR EXPENSES AND ARRANGING OF THE RE-OPENING AND RE-CLOSING PART OR ALL OF THE DITCH, REGARDLESS OF THE REASON THE CABLE BECAME DEFECTIVE. THE REPLACEMENT CABLE OR REPAIRS TO THE EXISTING CABLE WILL BE FURNISHED AND INSTALLED AT NO CHARGE TO THE MEMBER, PROVIDED DAMAGE WAS NOT CAUSED BY THE MEMBER.

