



- ① METER BASE (FURNISHED BY MARSHALL COUNTY R.E.M.C.) SEE NOTE #1 BELOW
- ② DOUBLE LOCKNUTS AND INSULATED BUSHINGS
- ③ CONDUIT TO SERVICE PANEL
CONDUCTORS: 100 AMP - #4 COPPER OR #2 ALUMINUM THW
200 AMP - #3/0 COPPER OR #4/0 ALUMINUM THW
- ④ 2" GALVANIZED RIGID CONDUIT OR SCH 80 PVC FOR REMC SERVICE WIRE.
- ⑤ INSULATED BUSHING
- ⑥ GROUND WIRE - SEE NOTE #2 BELOW
- ⑦ COPPER GROUND ROD CLAMPS - SEE NOTE #3 BELOW
- ⑧ GROUND RODS (1/2" X 10' OR 5/8" X 8' COPPER GROUND RODS)
- ⑨ 1/2" GALV. CONDUIT OR 1/2" SCH 80 PVC ON #6 OR #4 BARE SOLID COPPER GROUND WIRE.

NOTES

1. METER BASE IS FURNISHED BY R.E.M.C.. IT IS TO BE MOUNTED SECURELY 5'-6" ABOVE GRADE LEVEL AND GROUNDED.
2. GROUND WIRE SIZE: #4 MINIMUM FDR 200 AMP
3. -(2) 1/2"x10' or (2) 5/8"x8' COPPERWELD DRIVEN GROUND RODS WITH COPPER CLAMPS.
-TWO GROUND RODS REQUIRED, AT LEAST 6' AND NOT MORE THAN 10' APART.
-ONE CONTINUOUS PIECE OF WIRE FROM METER BASE THRU BOTH GROUND RODS.
-INSTALL GROUND RODS AT LEAST 18" FROM FOUNDATION. GROUND WIRE, CLAMPS AND TOP OF GROUNDS SHOULD BE BELOW GRADE LEVEL FOR PROTECTION.

SERVICE PANEL:

THE DISTRIBUTION PANEL SHALL HAVE A MAIN DISCONNECT UNLESS IT CONTAINS 6 CIRCUITS OR LESS. THE MAIN DISCONNECT CAN BE AN INTEGRAL PART OF THE PANEL OR SEPARATE FROM IT, BUT MOUNTED ADJACENT TO IT. THE PANEL SHALL BE MOUNTED AS CLOSE TO METER AS POSSIBLE AND BE READILY ACCESSIBLE.

200 AMPERE UNDERGROUND SERVICE ON HOUSE
MARSHALL COUNTY RURAL ELECTRIC MEMBERSHIP CORPORATION

936-3161