

200A UNDERGROUND SERVICE ON PANEL

GENERAL INFORMATION

KV REMC ENGINEER MUST APPROVE METER LOCATION PRIOR TO INSTALLATION.

Members conduit SHALL be on the right side or center of the meter base and shall be 2" or 2 1/2" conduit. Wire size shall be #2/0 copper or #4/0 aluminum for 200 amps

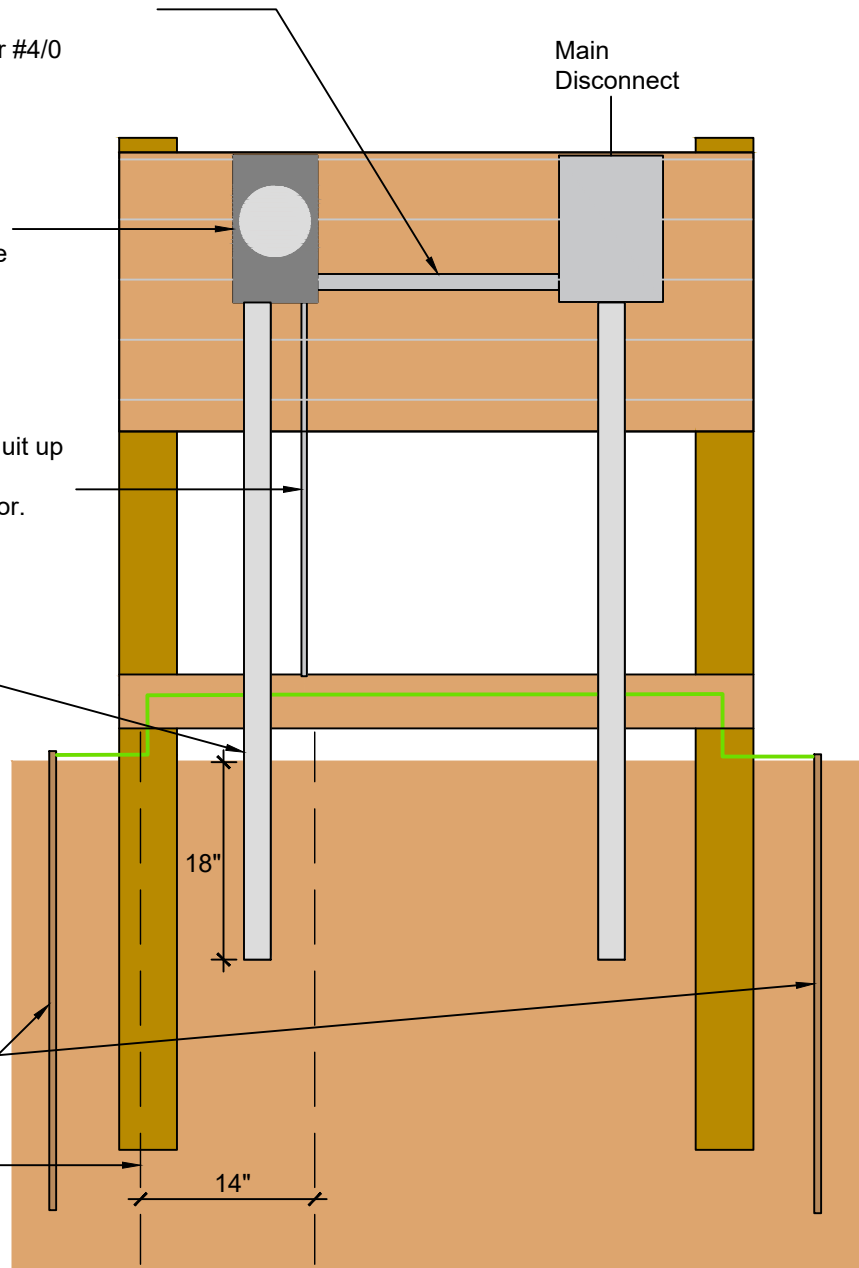
Meter Socket
Provided by KVREMC
Installed by member
Center of meter shall be 5' above finished grade

Ground wire shall be in 1/2" conduit up to meter base using #4 copper, stranded or solid, as the conductor.

Member installed 2 1/2" gray schedule 40 conduit from meter base to 18" below grade. Conduit must have lock rings and insulator bushings/bonding bushings to be used with galvanized conduit.

Two 5/8" x 10' copper ground rods spaced 6' apart.

Leave a 14" wide path from center of conduit for utility access.



GENERAL INFORMATION FOR UNDERGROUND SERVICES

- Minimum size underground service is 200 Amp
- Member must supply 3" gray schedule 40 conduit if service will be crossing a driveway.
- A means of disconnect must be within 10' of meter base.
- Member wires connect to bottom lugs, KVREMC wires connect to top lugs.
- Only KV REMC service wires & member load wires are allowed in the meter socket.

SERVICE ENTRANCE GUIDE

SERVICE ENTRANCE SIZE	CONDUIT INTO METER BASE	1PH, 3W 120/240V	GROUNDING (COPPER ONLY, STRANDED OR SOLID)
100A	1.5"	#2 CU	#4 CU
	2"	#2 AL	#4 CU
200A	2"	2/0 CU	#4 CU
	2.5"	4/0 AL	#4 CU
320A (2 - 200A) DISCONNECTS)	3"	2/0 CU PER DISCONNECT	#2 CU
	3"	4/0 AL PER DISCONNECT	#2 CU

