

200A 480V Panel Service

GENERAL INFORMATION

KV REMC ENGINEER MUST APPROVE METER LOCATION PRIOR TO INSTALLATION.
IF EXCESS OF 200 AMPS IS NEEDED, A CT CABINET IS REQUIRED.

Meter Socket

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

Disconnect Non-fusible

Weatherproof bushings & locknuts at all connections

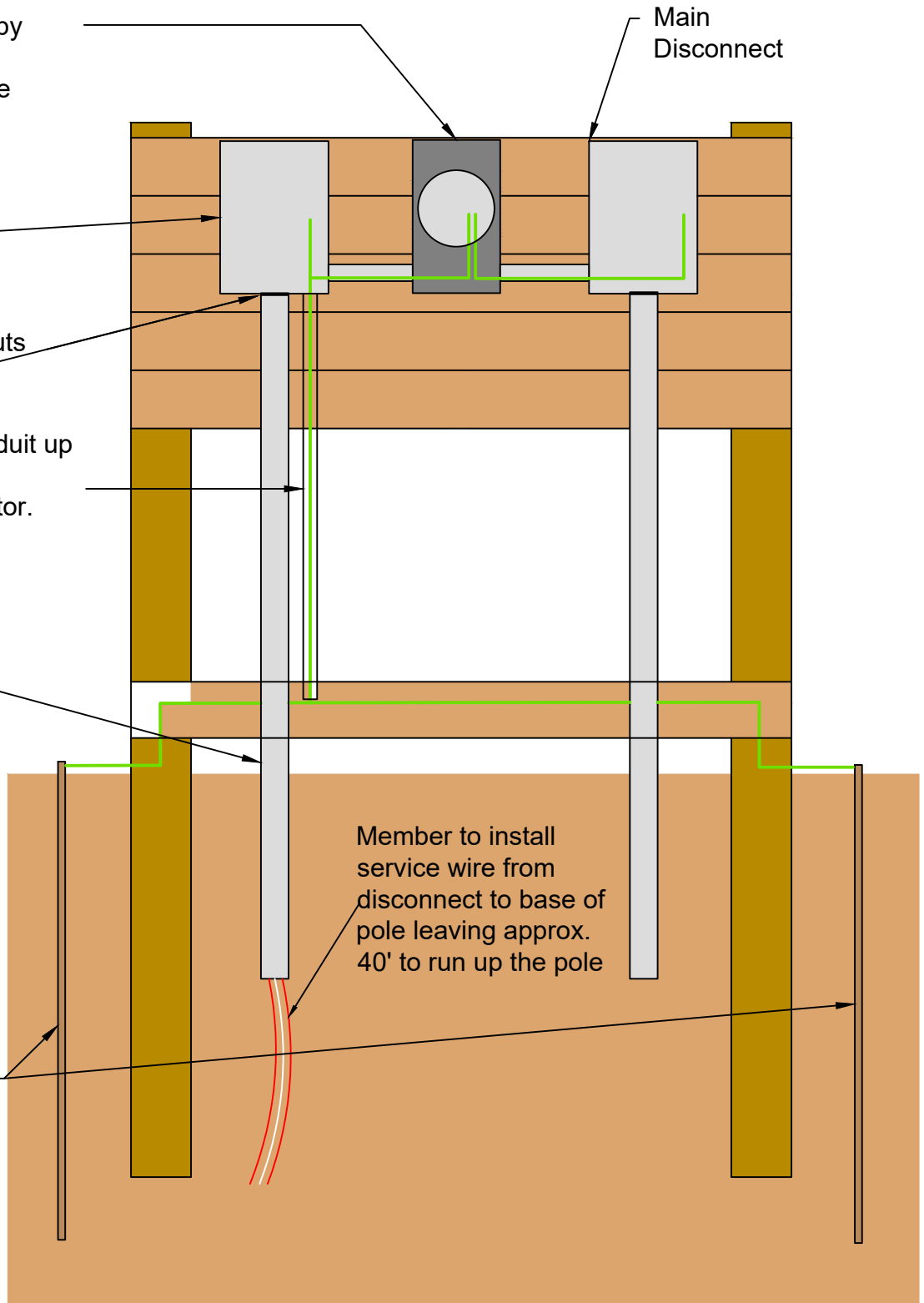
Ground wire shall be in 1/2" conduit up to meter base using #4 copper, stranded or solid, as the conductor.

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.

Main Disconnect

Member to install service wire from disconnect to base of pole leaving approx. 40' to run up the pole



SERVICE ENTRANCE GUIDE

SERVICE ENTRANCE SIZE	CONDUIT INTO METER BASE	1PH, 3W 120/240V	GROUNDING (COPPER ONLY, STRANDED OR SOLID)
100A	1.5"	#4 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

