

## 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

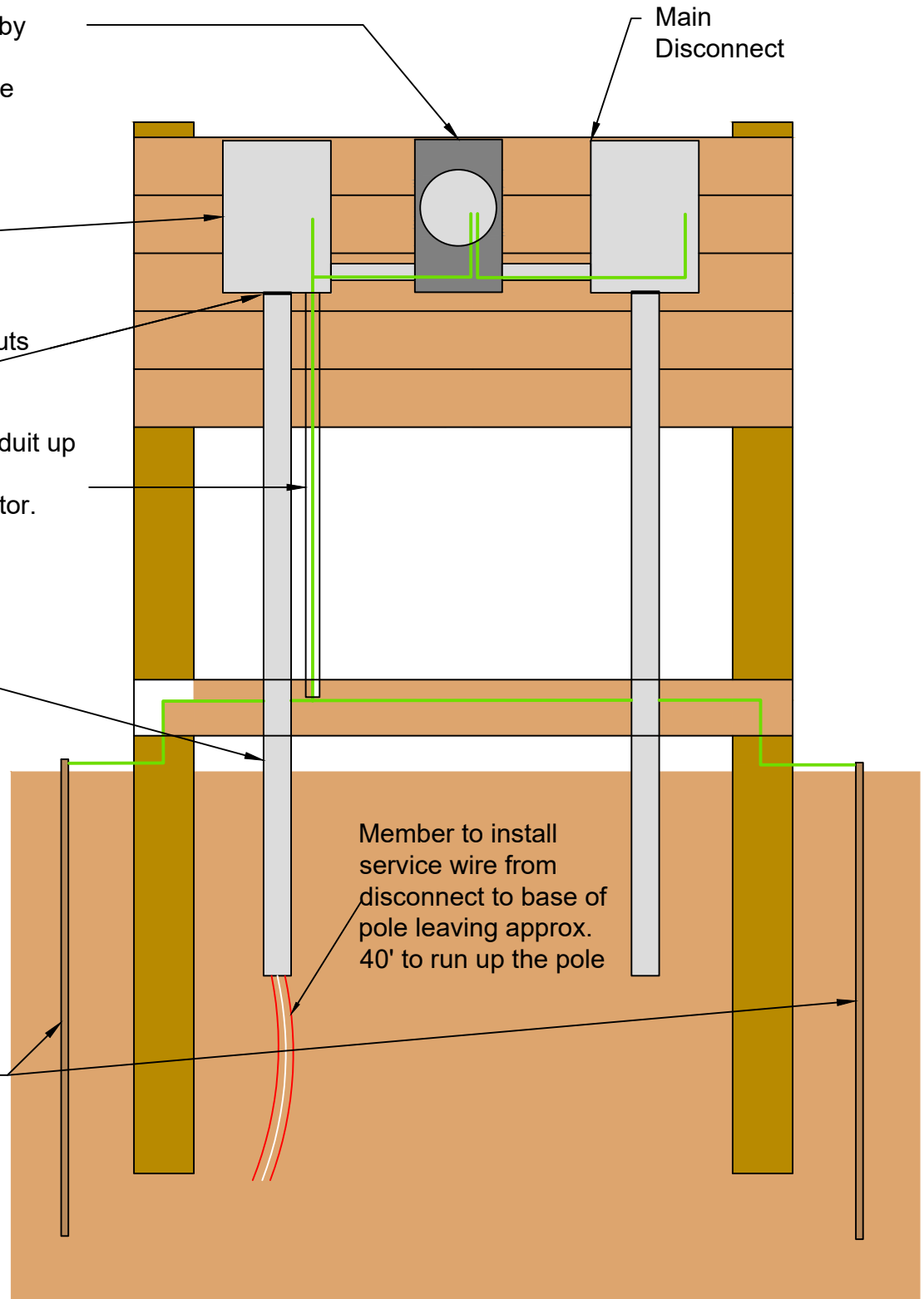
Ground wire shall be in 1/2" conduit up to meter base using #4 copper, stranded or solid, as the conductor.

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.

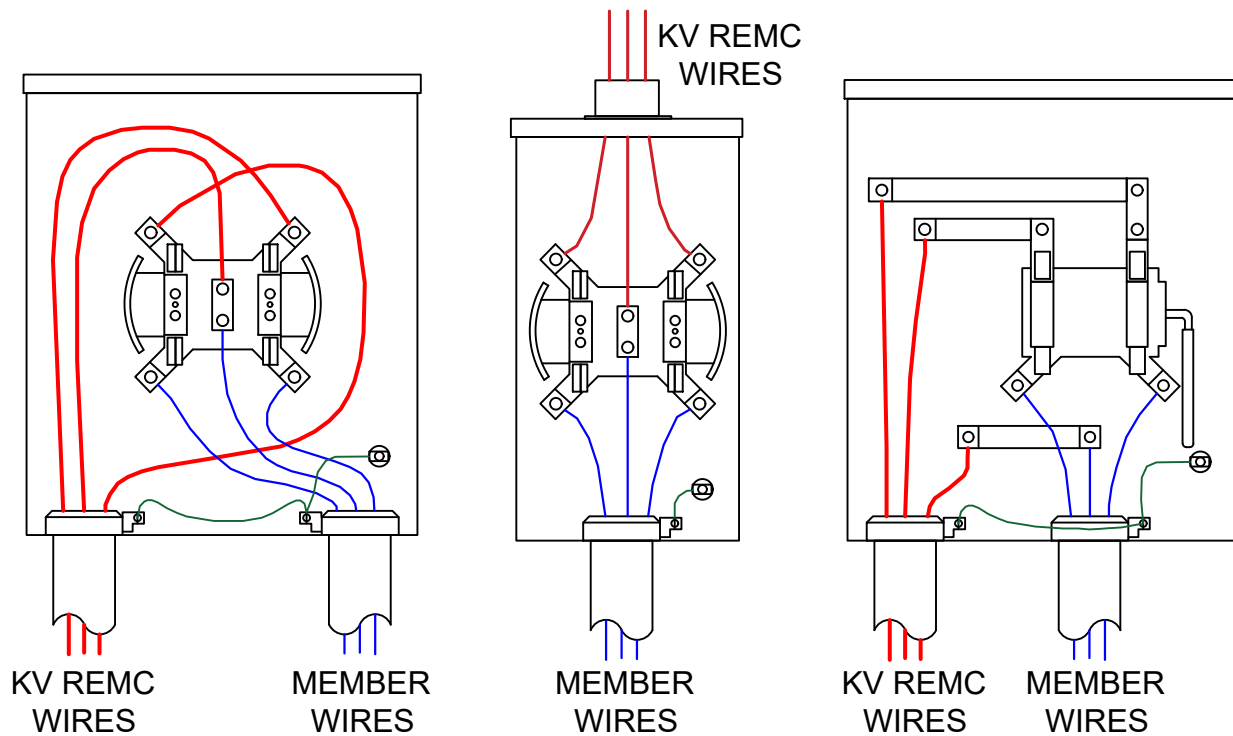
#### Main Disconnect

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" OR 2"	#4 CU	#4 CU
	2"	#2 AL	#4 CU
200A	2"	2/0 CU	#2 CU
	2.5"	4/0 AL	#2 CU
320A (2 - 200A DISCONNECTS)	3"	2/0 CU PER DISCONNECT	#2 CU
	3"	4/0 AL PER DISCONNECT	#2 CU
320A (1 - 400A DISCONNECT)	3"	350MCM CU	#2 CU
	3"	500MCM AL	#2 CU



**200A 120/240V, 1PH, 3W**

**OVERHEAD  
100/200A 120/240V  
1PH, 3W**

**320/400A 120/240V  
1PH, 3W**