

Temporary Underground Service (Meter Pole)



Pressure treated creosoted or penta treated, min. 5" diameter round pole or 4 x 4 square pole. Other poles may be acceptable with proper bracing.

Center of Meter Base shall be between 5 feet to 6 feet above finished grade

Conduit Nipple. Type RMC and IMC permitted (locknuts and bushings shall be used)
Min. 1-1/4" x 3" = 100amp
Min. 2" x 3" = 200amp

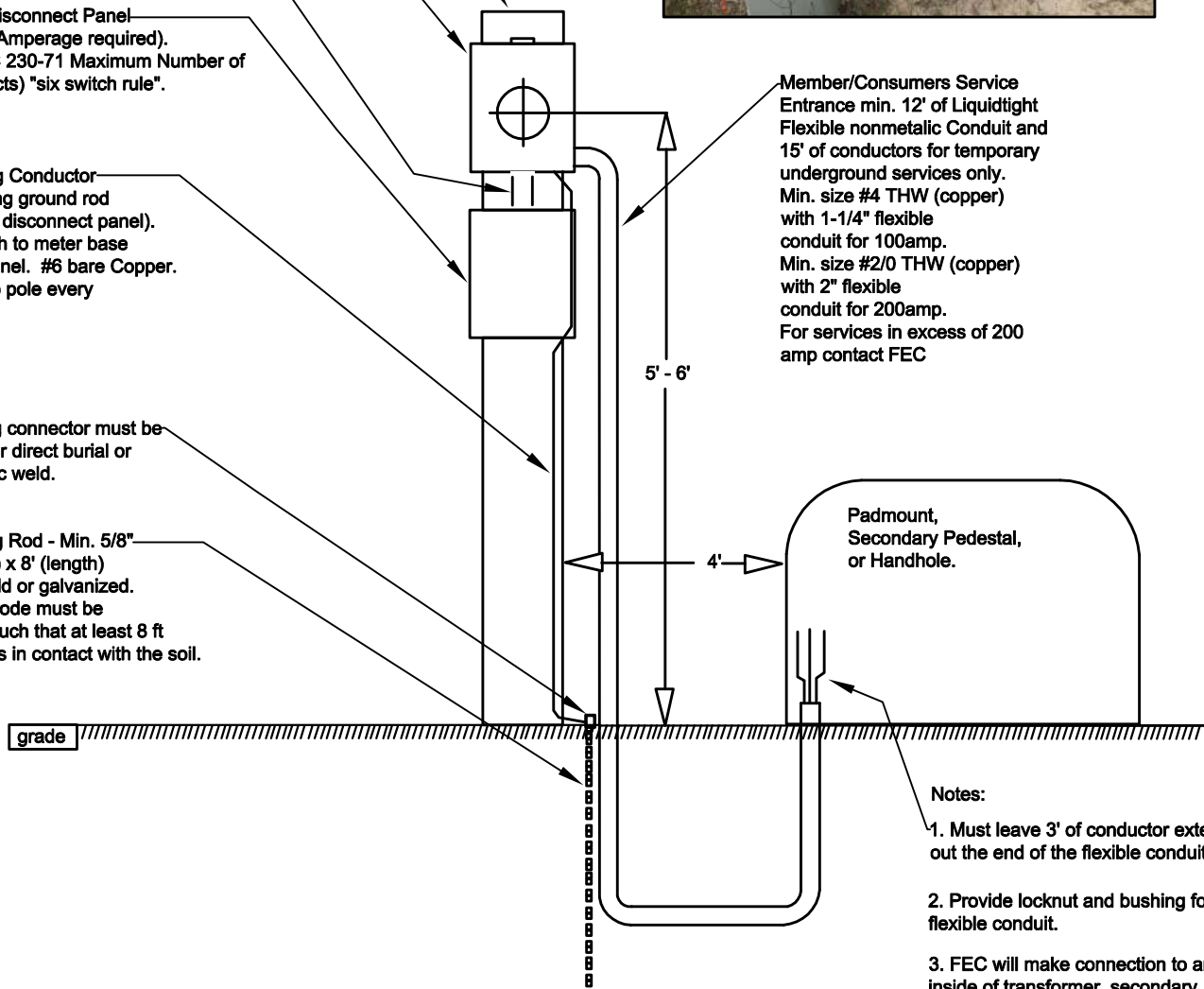
Service Disconnect Panel (Sized to Amperage required). (See NEC 230-71 Maximum Number of Disconnects) "six switch rule".

Grounding Conductor (connecting ground rod to service disconnect panel). May attach to meter base then to panel. #6 bare Copper. Stapled to pole every 6 inches.

Grounding connector must be suitable for direct burial or exothermic weld.

Grounding Rod - Min. 5/8" (diameter) x 8' (length) copperweld or galvanized. The electrode must be installed such that at least 8 ft of length is in contact with the soil.

Member/Consumers Service Entrance min. 12' of Liquidtight Flexible nonmetallic Conduit and 15' of conductors for temporary underground services only.
Min. size #4 THW (copper) with 1-1/4" flexible conduit for 100amp.
Min. size #2/0 THW (copper) with 2" flexible conduit for 200amp.
For services in excess of 200 amp contact FEC



- Notes:
1. Must leave 3' of conductor extending out the end of the flexible conduit.
 2. Provide locknut and bushing for flexible conduit.
 3. FEC will make connection to and inside of transformer, secondary pedestal or handhole.