Permanent Underground Service (House)

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

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

Conduit Nipple. Type RMC and IMC permitted. (locknut and bushing shall be used)

Min. 1-1/4" x 3" = 100amp
Min. 2" x 3" = 200amp
Min. 3" x 3" = 320amp

Threaded coupling with Locknut and bushing.

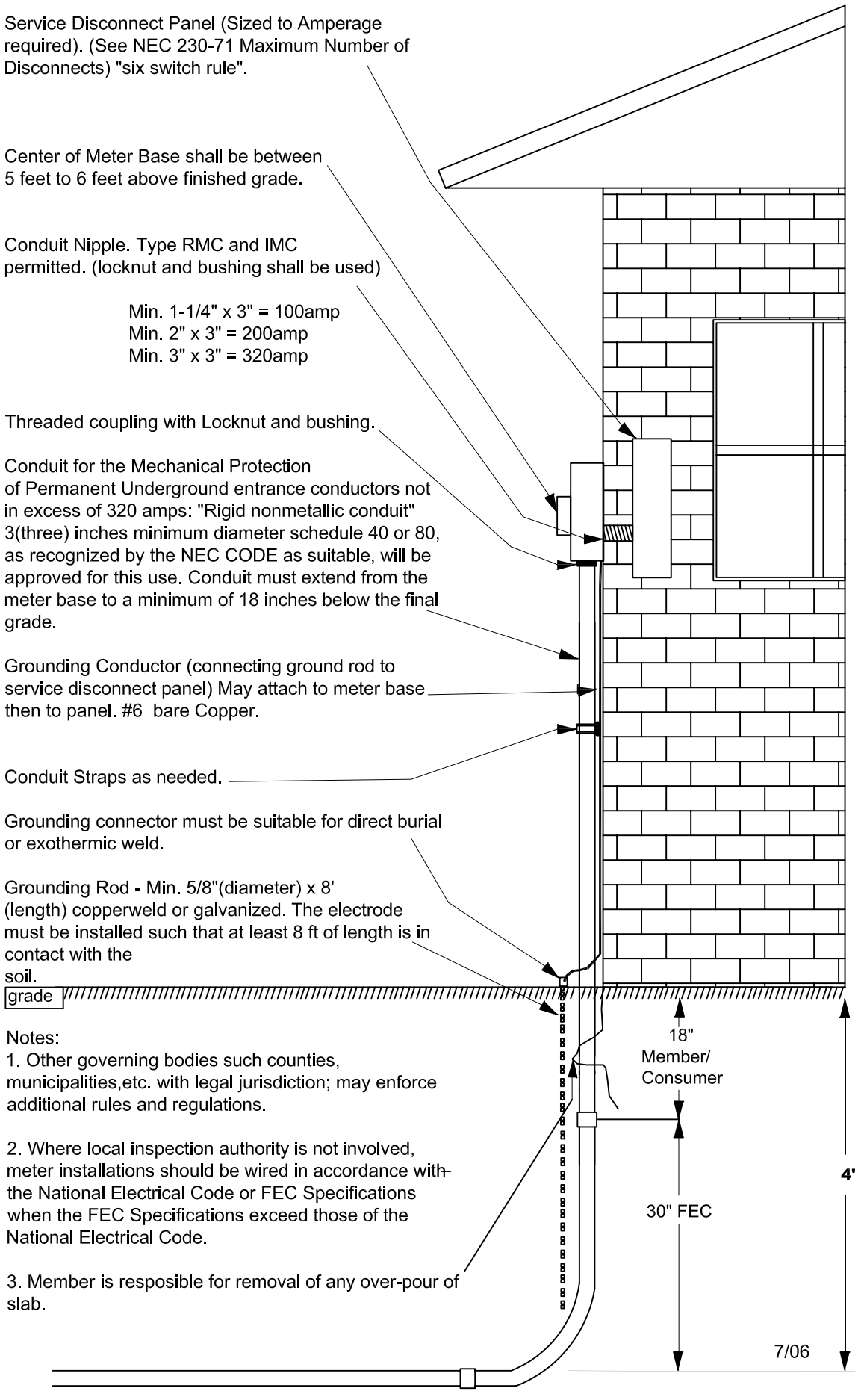
Conduit for the Mechanical Protection of Permanent Underground entrance conductors not in excess of 320 amps: "Rigid nonmetallic conduit" 3(three) inches minimum diameter schedule 40 or 80, as recognized by the NEC CODE as suitable, will be approved for this use. Conduit must extend from the meter base to a minimum of 18 inches below the final grade.

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

Conduit Straps as needed.

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.



Notes:

1. Other governing bodies such counties, municipalities,etc. with legal jurisdiction; may enforce additional rules and regulations.

2. Where local inspection authority is not involved, meter installations should be wired in accordance with the National Electrical Code or FEC Specifications when the FEC Specifications exceed those of the National Electrical Code.

3. Member is resposible for removal of any over-pour of slab.

7/06