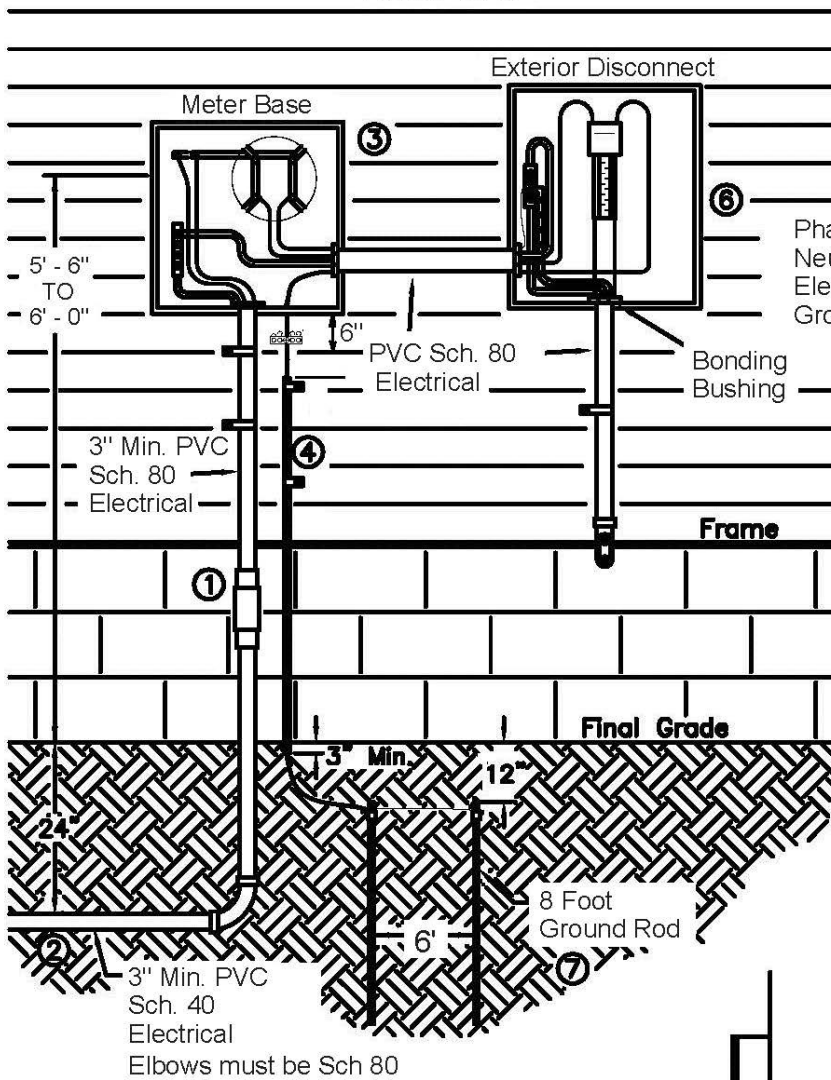
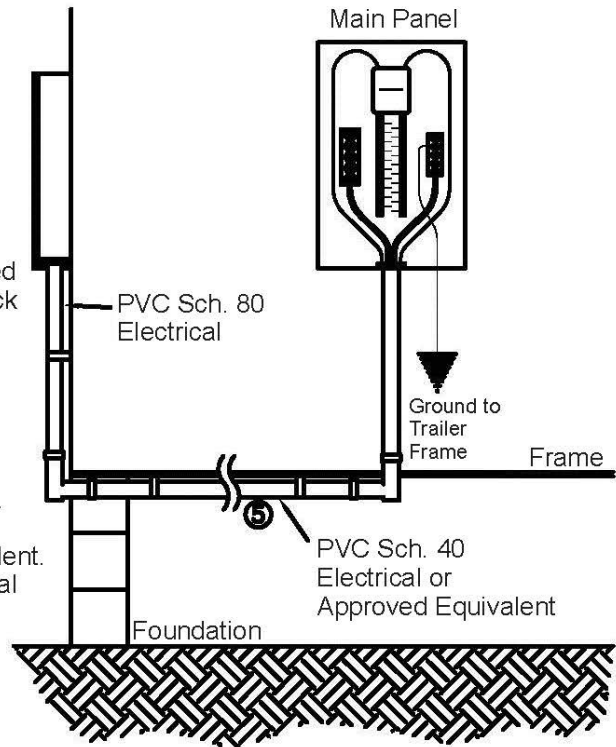


FRONT VIEW



	100 AMP	200 AMP
Phase cond.	4 cu - 2 Al	2/0 cu - 4/0 Al
Neutral cond.	4 cu - 4 Al	1/0 cu - 2/0 Al
Electrode cond.	6 cu	6 cu
Grounding cond.	8 cu - 6 Al	6 cu - 4 Al

SIDE VIEW



NOTES:

1. All conduit systems must have an expansion fitting.
2. All underground conductor between customer's meter base and TCEMC's pole shall be run completely in 3" minimum conduit, limited to 3- 90 degree bends extending to predetermined power pole / pedestal. Extend 2' above finished grade at pole. Elbows shall be supported with a concrete block or brick. All PVC conduit above ground shall be Sch 80.
3. Meter base location must be approved by TCEMC representative.
4. Grounding electrode conductors shall be unspliced and have 6" exposed for the Intersystem Bonding Terminal (4 Position, Minimum) for other systems. Electrical non-metallic conduit shall be used for protection of grounding electrode conductor.
5. Service conductors between exterior disconnect and main panel must be USE-2/RHH/RHW-2 rated or approved equivalent.
6. Exterior disconnect shall have means for connecting additional circuits and shall not be smaller than 100 amps.
7. Ground rod shall be 5/8"x 8', copper-clad steel or copper. Two (2) ground rods, spaced 6' apart, shall be used.