The following are minimum requirements for existing homes when replacing an existing electrical service:

1. Only Qualified Licensed Electrical Contractors can obtain permits
2. Ground Electrical Panel within 5 feet of incoming water Service and install water meter bonding jumper.
   - Using #6 AWG Copper wire for 100amp Service
   - Using #4 AWG Copper wire for 200amp Service
3. Ground Rod installed on outside of house with a 5/8”diameter copper, 8’ ground rod. #6 AWG Copper grounding electrode conductor to the service panel not to run in service entrance conduit or in meter.
4. Provide GFCI receptacle in Bathroom(s) and within 6’ of all sinks.
5. Install all required Battery Smoke and Carbon Monoxide Detectors required by the IPMC.
6. Remove any damaged or deteriorated exposed Knob & Tube wiring. All remaining Knob and tube must be on a 15 amp breaker or fuse.