

CODE REQUIREMENTS FOR SWIMMING POOLS

Items below must be provided in order to obtain a permit:

1. **Site Plan** (location & measurements of pool and all distances from pool to other structures, well, property lines and septic system)
2. **Manufactures installation instructions**
3. **Electrical requirements for the pump**

Requirements below must be installed properly in order to pass inspection:

- Provide minimum horizontal clear distance around pool that maintains a height of 4 ft. and a removable or locking ladder. Code G105.2
- All bonding must be with #8 bare copper solid wire. Code E4204.2
- **LABEL "A"** - Bonding wire must be 18" to 24" from pool & 4" to 6" under the surface & is attached to the pool at a minimum of 4 points. If shell is not conductive, attachment not required. Code E4204.2
- Pump must be bonded or if pump does not have a bonding lug the bonding wire must be connected to the ground at the receptacle. Code E4204.2(6.1)
- All bonding connection must be made by listed and labeled clamp for that application. Do not use sheet metal screws on connection to pool. A stainless steel nut & bolt for the clamp must be used.
- No ground rods allowed.
- **LABEL "B"** - Pool water must be bonded with a minimum of 9 SQUARE INCHES in contact with water or listed approved fitting. Code E4204.3
- **LABEL "C"** - Single twist-lock GFCI protected receptacle within use cover, no closer than 6' from pool for pump. Pump cord may not be longer than 3'. Code E4203.1.1
- **LABEL "D"** - One general use GFCI protected receptacle 6' to 20' from the pool to the outlet cover. Code E4203.1.2. If the receptacle is new, it must be "WR" (weather-resistant). Code E4203.1
- **LABEL "E"** - Minimum 18" below surface in conduit with insulated ground. Must use weatherproof wiring (No Romex)

While the information provided is meant to be helpful, not all code requirements can be included for every situation.

I or my agent/contractor will comply with the electrical code requirements that are requested by the Uniform Construction Code Official and also the Zoning requirements requested by the Zoning Officer.

