

## Typical Above Ground Code Compliant Pool

- Must have the following when applying for a permit:
  - Site Plan
  - Manufacturer's Installation Instructions
  - Electrical Requirements for Pump
- Provide minimum horizontal clear distance around pool that maintains a height of 4 feet and a removable or locking ladder. .... G105.2
- All bonding must be with #8 bare copper solid wires. .... 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. .... E4203.7(6.1)
- All bonding connections must be made by listed and labeled clamp for that application. Do not use the sheet metal screws on connection to pool. Use stainless steel nut and bolt for clamp. .... E4204.5.2
- No ground rods allowed. .... E4204.5.1(3)
- A – Bonding wire must be 18” to 24” from pool 4” to 6” under surface attached to pool at minimum of 4 points. Attachment not required if shell is not conductive. .... E4024.2(2.2)
- B – Pool water must be bonded with a minimum of 9 square inches in contact with water or listed approval fitting. .... E4204.3
- C – Single twist-lock GFCI protected receptacle with in use cover no closer than 6’ from pool for pump. Pump cord can’t be longer than 3’ . .... E4203.1.1
- D – One general use GFCI protected receptacle 6’ to 20’ from pool with in use cover. .... E4203.1.2
  - If this receptacle is new, it must have WR (Weather Resistant) on it. .... E4002.8
- E – Minimum 18” below surface in conduit with insulated ground. .... E3803.1  
 .... E4205.5  
 ○ Must use weatherproof wiring (no Romex). .... E4205.5

