



BARRIER

The swimming pool must be at least forty-eight inches (48") high, measured from the ground surface around the entire perimeter of the pool. If the pool is dug into a hillside, a forty-eight inch (48") high chain link (or other approved) fence must be installed, or the ground can be excavated to obtain the required height.

If access to the pool is by a ladder then it must either be a foldup or locking type or removable when the pool is not in use.

If a deck is built around the pool or if a chain link fence surrounding the yard is used as a barrier then other requirements in Chapter 42 of the 2018 International Residential Code (IRC) will apply.

ELECTRIC

The wiring for an above ground swimming pool pump must be on it's own separate **20 AMP GFCI RECEPTACLE** with a shut-off switch. The receptacle must be in a weatherproof box and located a minimum of six-feet (6') and a maximum of ten-feet (10') from the sidewall of the pool. The 20 amp breaker must be labeled as the "POOL" circuit.

The UF wire must be in an 18" minimum depth trench running from the house to the pool equipment (pump). The trench must be no closer than 5' horizontally. Conduit may also be used underground, but **MUST** be used above ground. Any splices going from the interior of the house to the exterior must be made in a junction box.

When backfilling the trench "caution tape" running parallel and 6" minimum above the wire should be installed to avoid any accidental contact with the wire during any future excavation.

The receptacle and switch must be permanently mounted and located no more than 3' from the pump.

The pumps cord must be a grounding type.

The pool may not be installed within ten-feet (10') horizontally of any overhead service conductor.

Bonding must be done with #8-gauge bare copper wire. The bonding wire must be installed in a four-to-six inch (4"-6") deep trench around the perimeter of the pool and located eighteen inches (18") to 24 inches (24") from the sidewall of the pool. This wire must be

connected to the pool with a bolt and “lug” at 4 evenly spaced locations. The water/skimmer must also be connected to the bonding wire. The bonding wire must return or terminate to the pump motor.

A “convenience” GFCI receptacle must be installed on a separate circuit and be located a minimum of ten-feet (10’) and a maximum of twenty-feet (20’) from the pool. This must also have a weather proof cover.

