



**City of Portage**  
**Building Department**  
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**RESIDENTIAL SWIMMING POOL ELECTRICAL REQUIREMENTS**

**Electrical supply:**

Receptacles that provide power for pool equipment must be located at least 10 feet from the inside of the pool wall or not less than 6 feet from the inside of the pool wall if the receptacle is a Ground-Fault-Circuit-Interrupter protected (GFCI) single twist-lock grounding type. General conductor depth of burial is 24 inches for direct burial cable, 18 inches for non-metallic conduit and 6 inches for ridged or intermediate metal conduit.

Not less than one GFCI protected 125V 15 or 20-ampere rated general purpose branch circuit receptacle must be located not less than 6 feet or more than 20 feet from the inside wall of the pool.

All receptacles located within 20 feet of the inside wall of a swimming pool must be GFCI protected.

An accessible equipment disconnect must be provided within sight of direct-wired pool equipment and located not less than 5 feet from the inside wall of the pool.

Overhead service conductors within 10 feet of the pool wall must be not less than 22.5 feet above the pool.

**Equipotential Bonding:**

The paved or unpaved perimeter walking surface, the pool water, all conductive parts of the pool equipment, all conductive parts of the pool structure and accessories and all miscellaneous conductive parts within 5 feet of the pool wall must be bonded with a minimum 8 AWG bare, solid copper wire. The perimeter walking surface bonding wire is to be installed between 18 and 24 inches from the pool wall and at a depth of 4 to 6 inches.

**\*\*\* This notice contains abbreviated Code sections. All installations must comply with the current Indiana Electrical Code. (2008 National Electrical Code with Indiana amendments)**