

IN-GROUND RESIDENTIAL SWIMMING POOL INFORMATION

Please pass this information on to you pool installer

General Information

In-ground pools require a barrier. A gate will be required on entrance to pool deck areas. Alarms on doors from home may be required if the pool area is connected to the house by a deck, walkway, etc. or if the fence surrounding your pool is attached to the house.

In-Ground Concrete Pools and In-Ground Metal Liner Panel Pools require the following inspections:

- Structural: Pool footings, reinforcing and pool plumbing prior to placement of concrete. All rebar and wire mesh must be properly supported.
- Bonding: all metal parts within 5 feet of the inside walls of the pool including but not limited to panels, rebar, light fixtures, ladders, handrails, sidewalk wire mesh and metal fencing. #8 or larger AWG copper and listed bolt clamps are required.
- Underground conduit and wiring prior to backfill
- Underground gas pipe testing (if applicable).
- Final electrical: Ground fault protected receptacle(s), landscape lighting and metal fencing t. Bonding required for all pool sanitation equipment including but not limited to pump motors, filters, heaters. #8 or larger AWG copper and listed bolt clamps are required.
- Final pool: Fencing and/or barrier, door alarms, access gate hardware operation and pool cover (if applicable).

Barrier (Fence) Information

- Barriers for swimming pools shall be at least 48" above the finished grade.
- Maximum vertical distance between grade and the bottom of the barrier shall be 2 inches.
- Openings in the barrier shall not allow the passage of a 4 inch diameter sphere.
- Special requirements apply to chain-link fence, masonry walls, and diagonal lattice.
- Access gates shall swing out, and be self closing and self latching.
- The release mechanism shall be at least 54 inches above the bottom of the gate.
- Special requirements apply when the release mechanism is less than 54 inches.
- If the house is part of the barrier/fencing, the door(s) opening in to the pool area must be equipped with an approved U.L. listed alarm.
- Additional barrier information is available from your Code Official.

**Electrical work shall be installed in accordance with the
2006 International Residential Code, Chapter 41.
Barrier Requirements are found in Appendix G**