



## **RESIDENTIAL SWIMMING POOLS, HOT TUBS, & SPAS**

**Includes requirements for both above-ground and in-ground swimming pools**

### **Permit requirements:**

- Permit required for in-ground pools, above-ground pools, hot tubs and spas. Above-ground wading pools 24" or less in height and not connected to a circulation system do not require a permit.

### **Fence requirements:**

- 48" high minimum above grade measured on the side which faces AWAY from the pool
- 2" maximum clearance between the bottom of the fence and the ground on a non-solid surface, such as grass or gravel
- 4" maximum clearance between the bottom of the fence and a solid surface, such as concrete
- 4" maximum spacing of pickets (4" sphere cannot pass thru & no horizontal pickets **OR**)
- 1 ¾" maximum spacing of pickets IF there are horizontal supports (or decorative horizontals) closer than 45" apart (and the horizontals must then be on the poolside of the fence)
- 2 ¼" maximum mesh size for chain link fences
- 1 ¾" maximum spacing if there are diagonal members (lattice-type fence).

### **Back wall of house requirements (2015 ISPSC):**

If the back wall of the house (or another wall) serves as part of the "barrier fence" around the pool, then **ONE** of the following must be done:

- The pool shall be equipped with a powered safety cover in compliance with ASTM F 1346; **OR**
- Doors with direct access to the pool through that wall (back wall of house, etc.) and operable windows having a sill height of less than 48" shall be equipped with an **ALARM** which produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed in accordance with UL 2017. The audible alarm shall activate within 7 seconds and sound continuously for a minimum of 30 seconds after the door and/or its screen, if present, are opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touch pad or switch, to temporarily deactivate the alarm for a single opening. Deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; **OR**
- Doors with direct access to the pool shall be equipped with a self-closer that completely latches the door closed, and a door knob or lever at least 54 inches above the threshold of the door. The door shall be a swinging type only and shall swing INTO the house. The self-closer shall completely latch the door closed within 15 seconds. No other unlatching device or door knob shall be able to unlatch the door.

### **Gate requirements:**

- All size requirements of the fence apply
- Gate must open OUTWARD away from the pool
- Gate must be self-closing and self-latching
- Self-latching device must be HIGHER than 54" from grade on exterior side (or special req's would then apply).

### **Above-ground pools 48" or higher (Above req's for barrier, gates, & door alarms **DO NOT APPLY**).**

- Measured on the outside around the pool, the pool wall itself must be 48" high, and not climb-able.
- Ladder must be easily remove-able or must have a lockable cover to prevent access by small children.

### **Location requirements of the pool itself for both in-ground and above-ground pools:**

Must be in the back half of the lot (but it need not be more than 75' from the front property line).