

Residential Swimming Pool Enclosure

A Swimming Pool is any structure intended for swimming or recreational bathing that contains water over 18" deep and includes in-ground, above-ground, and on-ground pools and fixed-in-place wading pools.

- Applicants for Swimming Pool Permits are responsible for showing method of compliance on the site plan; and
 - The barrier must be installed, inspected and approved prior to plastering or filling with water.
1. The top of the barrier is to be at least 60 inches above grade measured on the side of the barrier that faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier is 2 inches, but may be increased to 4 inches when grade is a solid surface such as a concrete deck, or when the barrier is mounted on top of the aboveground pool structure.

When the barriers have horizontal members spaced less than 45 inches apart, the horizontal members shall be placed on the poolside of the barrier. Any decorative design work on the side located away from the swimming pool, such as protrusions, indentations, or cutouts, which render the barrier easily climbable is prohibited.

2. Openings in the barrier shall not allow passage of a 1-3/4 inch-diameter sphere.

Exceptions:

- (a) When vertical spacing between such openings is 45 inches or more, the opening size may be increased such that a 4-inch diameter sphere will not pass.
 - (b) For fencing composed of vertical and horizontal members, the spacing between vertical members may be increased up to 4 inches when the distance between the tops of horizontal members is 45 inches or more.
3. Chain link fences shall not be less than 11 gauge.
 4. Access gates shall comply with the requirements of Items 1 through 3. Pedestrian access gates shall be self-closing and have a self-latching device. When the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate,
 - (a) The release mechanism shall be located on the pool side of the barrier at least 3 inches below the top of the gate; and
 - (b) The gate and the barrier shall have no opening greater than ½ inch within 18 inches of the release mechanism. Pedestrian gates shall swing away from the pool. Any gates other than pedestrian access gates shall be equipped with lockable hardware or padlocks and shall remain locked at all time when not in use. A permanent sign shall be posted which reads: "This access to be kept locked at all times."

5. Where a wall of a dwelling (including garage) serves as part of the barrier and contains door openings between the dwelling/garage and the outdoor swimming pool, a separation fence meeting Items 1, 2, 3, & 4 above shall be provided: Exceptions to this item only are:
- (a) Doors with self-closing and self-latching devices with release mechanisms located a minimum of 54 inches above the floor,
 - (b) An alarm installed on all doors with direct access to the pool. The alarm shall sound continuously for a minimum of 30 seconds within seven seconds after the door is opened, and shall be capable of providing a sound pressure level of not less than 85 dBA. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as a touchpad or switch, located at least 54 inches above the door threshold, to temporarily deactivate the alarm for a single opening for a maximum 15 seconds. Exception to Door Alarms: An approved safety pool cover, conforming to ASTM F 1346, that is manually or power operated.

- NOTES:**
- (1) Owners/occupants are responsible for maintaining all required enclosures/barriers and safety elements, including alarms.
 - (2) Electrically operated gates must be automatically self-closing/latching within one minute of being opened.
 - (3) Heater vents must be located at least 4 feet from property line.
 - (4) Self-contained spas and hot tubs are excluded when equipped with a listed safety cover.
 - (5) Home security systems shall not be used to replace the door alarm requirements.