



City of Shasta Lake

DEVELOPMENT SERVICES DEPARTMENT

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**Building & Planning
Divisions**

Pool Enclosure – Barrier Requirements

An outdoor swimming pool shall be provided with a barrier that shall be installed, inspected, and approved **prior** to plastering or filling with water. The barrier shall comply with the following:

- 1.) The top of the barrier shall be at least 60 inches above grade, measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance at the bottom of the barrier may be increased to 4 inches when the barrier is mounted on the top of the aboveground/on ground pool structure.
- 2.) Openings in the barrier shall not allow passage of a 4-inch diameter sphere.
 - (a) When the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is **less than 45 inches**, they shall be located on the pool side of the enclosure and the vertical members shall not be spaced more than 1.75 inches apart.
 - (b) When the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal member is **more than 45 inches**, the vertical members shall be spaced not more than 4 inches apart.
- 3.) Chain-link and similar wire-type fences can be used as the barrier. Maximum mesh size for links shall be 2.25 inches squared unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to no more than 1.75 inches.
- 4.) Solid barriers that do not have openings, such as masonry or stone walls, shall not contain indentations or protrusions which render the barrier easily climbable.
- 5.) Access gates shall comply with the requirements of Sections (1) through (4). Pedestrian access gates four feet wide and less shall be self-closing, have a self-latching device, and shall accommodate a lock. Where the release mechanism of the self-latching device is located less than 60 inches from the bottom of the gate: (1) the release mechanism shall be located on the pool side of the barrier at least 3 inches below the top of the gate and (2) the gate and 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 gate other than pedestrian-access gates shall be equipped with lockable hardware or padlocks and shall remain locked at all times when not in use and shall be located next to a compliant pedestrian-access gate.
- 6.) Where a wall of a Group R, Division 3 Occupancy dwelling unit serves as part of the barrier and contains door openings between the dwelling unit and the outdoor swimming pool which provide direct access to the pool, a separation fence meeting the requirements of Sections (1) through (5) above shall be provided.

EXCEPTIONS:

When approved by the Building Official, two of the following may be used:

- (a) Self-closing and self-latching devices installed on all doors with direct access to the pool, with the release mechanism located a minimum of 60 inches above the floor and open away from the pool.
- (b) A listed pool door alarm installed on all doors with direct access to the pool. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door and its screen, if present, are opened and be capable of providing a sound pressure level of not less than 85 dBA when measured indoors at ten feet. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as a touch pad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last no longer than 15 seconds. The deactivation switch shall be located at least 54 inches above the floor.
- (c) The pool shall be equipped with an approved safety cover.
- (d) Other means of protection may be acceptable, so long as the degree of protection afforded is not less than that afforded by any of the devices described above.