

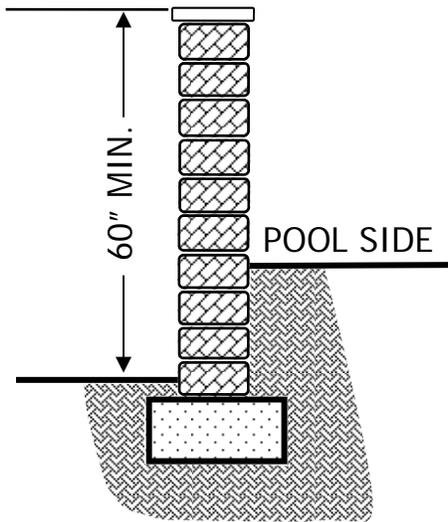
SWIMMING POOL FENCING

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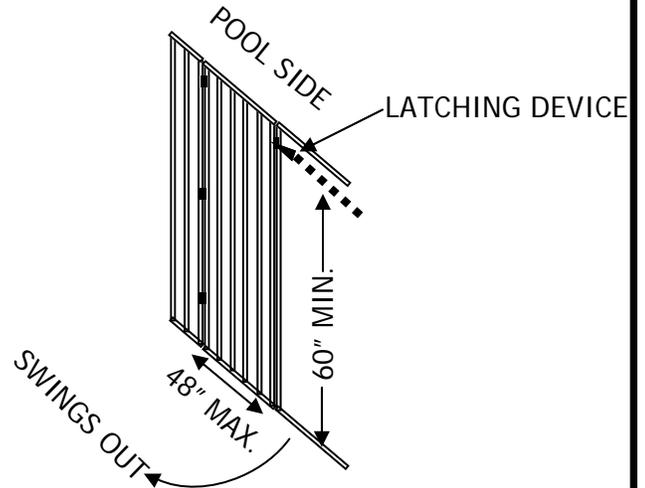
CITY OF FULLERTON
 COMMUNITY DEVELOPMENT DEPARTMENT
 303 W. COMMONWEALTH AVENUE
 FULLERTON CA 92832
 (714) 738-6541

Below are examples of some of the requirements listed in the Residential Pool Safety Requirements handout



GENERAL BARRIER HEIGHT REQUIREMENT

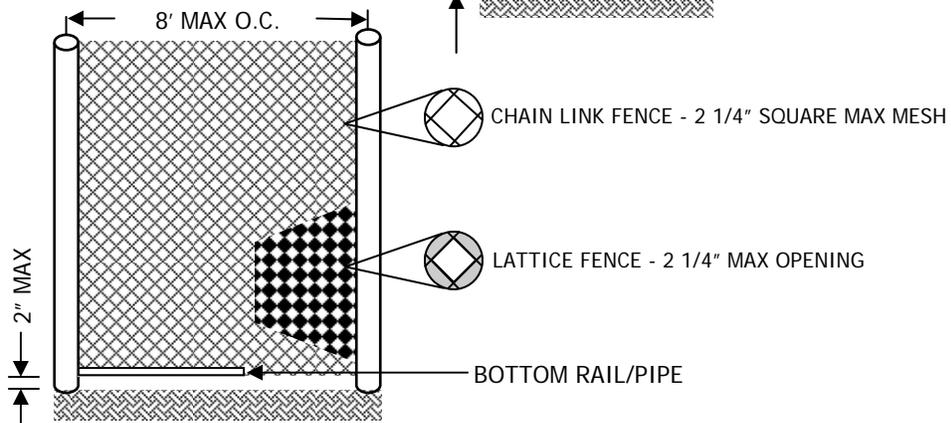
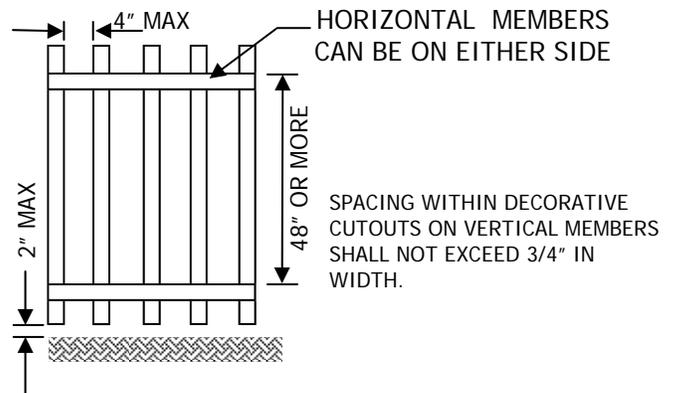
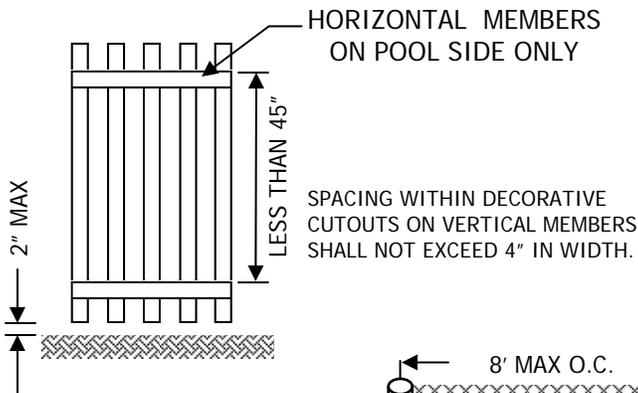
ACCESS GATE** (SELF CLOSING/LATCHING)



*IF MIN. HEIGHT TO LATCH CANNOT BE MET, LATCH MUST BE ON POOL SIDE & NO OPENINGS GREATER THAN 1/2" WITHIN 18" OF THE RELEASE MECHANISM

** RESTRICTIONS ALSO APPLY TO GARAGE MAN DOOR IN DIRECT COMMUNICATION FROM THE STREET TO THE POOL ENCLOSURE AREA

FENCING CONDITIONS



Residential Pool Safety Requirements

Pool Barrier

Enclosure required characteristics for outdoor swimming pools. An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be provided with a barrier. This barrier shall be in addition to the requirements of section 3109.4.4.2. This barrier may enclose the pool separately, or may incorporate a wall of an adjacent house or building. *If the barrier incorporates the wall of a house or building that has windows or doors that open into pool enclosure area, one of the seven drowning prevention safety features listed in Section 2 (CBC 3109.4.4) shall be provided.* The barrier shall comply with the following:

Section 1

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 two inches, measured on the side of the barrier which faces away from the swimming pool.
2. Gaps or voids, if any, shall not allow passage of a four-inch-diameter sphere.
3. An outside surface free of protrusions, cavities, or other physical characteristics that would serve as handholds or footholds that could enable a child below the age of five years to climb over the barrier.
4. Where the barrier is composed of diagonal members, such as a lattice or chain link fence, the maximum opening formed by the diagonal members shall be no more than 2-1/4 inches. Posts shall be spaced at not over eight feet on center. The bottom wire of a chain link fence shall be staked to the ground, between support posts, unless provided with a bottom rail or pipe.
5. Access gates shall have a width no greater than 4 feet. Gates shall comply with 1 through 4 above. Gates shall be self-closing, self-latching and swing in the direction of exit from the pool area. Latching device shall be capable of keeping the gate securely latched at all times when not in use. This section also applies to a garage man door when there is direct access from the street to the pool enclosure area through the garage vehicle, and man door. Latching device shall be installed a minimum of 60" above exterior grade. If a lesser mounting height must be used, the latch shall be on the inside of the enclosure and the gates and barrier shall have no opening greater than 1/2" within 18" of the release mechanism.

6. Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then (1) the ladder or steps shall be capable of being secured, locked or removed to prevent access or (2) the ladder or steps shall be surrounded by a barrier which meets the requirements of items 1 through 5. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch diameter sphere.
7. The barrier shall be so arranged and constructed so that no impediment to a required exit is created, and a minimum of a three foot wide walking path is maintained between the barrier and the water.

(Ord. 3198 § 1, 2013)

Section 2

1. The pool shall be isolated from access to a home by an enclosure that meets the requirements of CBC 3109.4.4.2, or
2. The pool shall incorporate removable mesh pool fencing that meets American Society for Testing and Materials (ASTM) Specifications F 2286 standards in conjunction with a gate that is self-closing, self-latching and can accommodate a key lockable device.
3. The pool shall be equipped with an approved safety pool cover that meets all requirements of the ASTM Specifications F 1346.
4. The residence shall be equipped with exit alarms on those doors providing direct access to the pool.
5. All doors providing direct access from the home to the swimming pool shall be equipped with a self-closing, self-latching device with a release mechanism placed no lower than 54 inches (1372 mm) above the floor. (includes sliding doors)
6. Swimming pool alarms that, when placed in pools, will sound upon detection of accidental or unauthorized entrance into the water. These pool alarms shall meet and be independently certified to the ASTM Standard F 2208 "Standards Specification for Pool Alarms" which includes surface motion, pressure, sonar, laser and infrared type alarms. For purposes of this article, "swimming pool alarms" shall not include swimming protection alarm devices designed for individual use, such as an alarm attached to a child that sounds when the child exceeds a certain distance or becomes submerged in water.
7. Other means of protection, if the degree of protection afforded is equal to or greater than that afforded by any of the devices set forth in items 1- 4, and have been independently verified by an approved testing laboratory as meeting the standards for those devices established by the ASTM or the American Society of Testing Mechanical Engineers (ASME).