

- Site plan must be signed by **both**, the structural and soils engineers (wet stamp).
- Structural plans shall be prepared and signed by a registered civil or structural engineer.
- Indicate on plan location of required electrical outlet (must be a min of 10' and max of 20' from inside of wall of pool; may not be more than 6'6" above grade).
- Indicate which method is proposed to be used to comply with sec.680.26© CEC Equipotential Bonding Grid.
- Indicate on structural details, steel requirements per design schedule.
- Provide or indicate detail number from detail sheet of pool wall on plan.
- Soils report shall be specific for the proposed lot and shall contain complete recommendations for pool and spa construction.
- Soils report requires minimum type V cement for concrete and gunite in contact with soil. Provide this note on plans and the requirement that an invoice from the concrete and gunite provider must be provided at pre-plaster inspection showing that type V cement was used.
- Show all required setbacks of pool and spa from property lines and structures. Clearly indicate required distances on plot plan and easements. (show all easements)
- Show where required electrical outlet location is (not less than 10' or more than 20' from inside wall of pool)
- Show all existing and proposed pool equipment with distances (setbacks) from property lines, structures and windows that can be opened.
- Show all existing structures and proposed improvements including retaining wall, fences, patios, etc. **Patio covers existing or proposed?** If structure is not part of this permit state "Not A Part" on plans.
- Show site topography. Show all slopes located on/adjacent to subject property. Provide overall slope height, even if the top/toe of slope is located on another property. Demonstrate how pool achieves setback from top or toe of slope.
- Provide accurate scaled cross-section if applicable.
- Provide spot elevation at any proposed elevation change and at all retaining walls (top of wall and adjacent grade on both sides of wall).
- Show erosion control measures, both permanent and temporary.
- Note existing or proposed drainage plan.
- Provide section view of fencing(new or existing) For barrier requirements refer to Home Owner Verification.
- Show elevation/topography on either side of fence.
- Show proposed access point for pool excavation equipment.
- Provide detail for handrail and detail for steps at any location with more than four (4) risers.
- Provide note on plan:
 - **"Pool and spa heating systems and equipment shall comply with 2016 California Energy Commission standards:**
 - **System must be installed with minimum 36" (3 Ft.) of pipe between filter and heater for future solar heating.**
 - **A cover shall be provided for outdoor pools/spas with fossil fuel heaters. Covers shall be installed for final inspection (exception: Pools/Spas deriving minimum 60% of annual heating energy from site solar energy, or recovered energy)".**
- Provide note on plan: **"Continuous grounding on all metal"**.
- Provide note on plan: **"A reinspection fee of \$104.00 will be charged for an inspection, which is called with-out access, plans, or if not ready"**.
- Provide note on plan: **"Equipotential Bonding Grid is required." "Pool and spa lights must be on site, connected, wired and ready for installation at the time of the pre-plaster inspection"**.



Community Development Department
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HOMEOWNER POOL BARRIER COMPLIANCE

Dear Homeowner,

As you may be aware, the City of Chino Hills requires that all Swimming Pools & Spas be fully fenced with permanent barriers that comply with the 2016 California Residential Code. The California Residential Code (CRC) also contains a requirement that any glazing (glass contained within windows and/or doors) that is within five (5) feet of the water's edge be safety glazing. In addition to the CRC, the City has adopted amendments to the following sections:

Appendix "G" section AG105.2.a is amended to add a new section a.4 to read as follows:

- Any garage man door that forms part of the pool barrier shall be equipped with a self-latching devise. The self-latching devise shall be placed a minimum of 54 inches from the garage floor.

It is the practice of many pool contractors to place the responsibility of complying with these requirements on the homeowner. Compliance with these requirements may also affect walls/fences that may be in common ownership with an adjoining neighbor.

The City of Chino Hills urges all homeowners to carefully review the terms of the contract with their pool contractor prior to signing the contract, so that the homeowner is aware of any responsibilities that the contract places on them. We also urge any homeowner that shares a common wall/fence with an adjoining neighbor to consult with that neighbor regarding possible modifications to their common wall/fence prior to signing any pool/spa contract.

When a permit is issued for your project the approved plans will contain an inspection card (job card), which will be your record of inspection. The approved plans and job card must be kept on site accessible to the inspector at all times. The plans and job card should be kept in a safe location out of the sun and rain. The job card contains a space for the inspector to sign-off for the final inspection. The City recommends that prior to making any final payment or signing any release, the homeowner verifies that the City inspector has finalized the project. The City also recommends that you refrain from using your pool/spa until the project has passed final inspection. The final includes inspections of your pools' electrical system and other life safety items that are important to your family's safe enjoyment of your new pool/spa.

If you have any questions regarding compliance with pool fencing or safety glazing requirements prior to signing this document or at any time during your project please do not hesitate to call Building and Safety at (909) 364-2780. Your family's safety is our primary concern.

PLEASE READ AND SIGN THE APPROPRIATE SPOT ON THE NEXT PAGE

In order to insure that all homeowners are aware of how the requirements contained within the California Building Code may affect their project, Building & Safety Division is requiring that the statement below be signed and dated by the homeowner, prior to permit issuance.

I have read the attached CRC requirements for Swimming Pool/Spa Barriers and safety glazing requirements and the amended sections included herein. As the owner of the property I agree to comply with all the applicable requirements contained within these attachments as they relate to my Pool/Spa project.

Project Address

Pool Contractor

Homeowner Name

Homeowner Signature

Date



2016 CBC & CRC CODES FOR SWIMMING POOL SAFETY FEATURES

(*Amended codes included*)

3109.4.4.2 Construction permit; safety features required.

Commencing, January 1, 1998 except as provided in Section 3109.4.4.5, whenever a construction permit is issued for construction of a new private pool at a residence, it shall have an enclosure complying with 3109.4.4.3 and, it shall be equipped with at least one of the following safety features:

1. The pool shall be isolated from access to a home by an enclosure that meets the requirements of Section 3109.4.4.3
2. The pool shall be equipped with an approved safety pool cover
3. The residence shall be equipped with exit alarms on those doors providing direct access to the pool.
4. 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 (1372mm) above the floor.

3109.4.4.3 Enclosure; required characteristics. An enclosure shall have ALL of the following characteristics:

1. Any access gates through the enclosure open away from the swimming pool and are self-closing with a self-latching device placed no lower than 54 inches (1524mm) above the ground.
2. A minimum height of 60 inches (1524 mm).
3. A maximum vertical clearance from the ground to the bottom of the enclosure of 2 inches (51mm).
4. Gaps or voids, if any, do not allow passage of sphere equal to or greater than 4 inches (102mm) in diameter.
5. 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.

CRC Section AG105.2.a (Amended to read as follows):

6. Any garage man door that forms part of the pool barrier shall be equipped with a self-closing and self-latching device. The self-latching device shall be placed a minimum of 54 inches from the garage floor.

CRC Section R308.4

1. Requires any glazing (glass contained within windows and/or doors) that is within five (5) feet of the water's edge be safety glazing.