



County of Santa Cruz

PLANNING DEPARTMENT

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Swimming Pool, In-Ground Spa, Hot Tub and Pool Barriers

Permit Application Submittal Requirements

Effective: 1/1/08

Code references: 2007 California Codes;
Santa Cruz County Code Section 12.10.216 (R-3 occupancies)
Chapter 31B (Public Pools)

Additional brochures references:

Swimming Pool Enclosure Ordinance – Applicability Questions & Compliance Checklist
Swimming Pool Enclosure Ordinance - General Information & FAQ's

The submittal of permit applications for the installation or alteration of a swimming pool, hot tub or spa and the installation of swimming pool enclosures/barrier, will require the preparation of plans that provide the following typical details. Counter staff and plan checkers will perform a permit application assessment to determine if additional information is required.

Pool
Spa
Hot Tub
Barrier

PLOT PLAN

- | | | | | |
|---|---|-----|-----|--|
| x | x | x | x | Drawn plans to a scale of not less than 1/8" per foot, |
| x | x | x | x | Identify property lines, easements, the nearest public right-of-way, overhead utilities lines adjacent to pool area or over the property, |
| x | x | x | x | Identify existing or proposed structures, fencing, retaining walls and other site characteristics. |
| x | x | x | ___ | Identify the location and shape of the proposed pool, hot tub, and/or spa, dimensioned and located to show set backs, side yards and clearances from existing structures. Also indicate any windows or doors with glazing within 5 ft. of the pool, hot tub or spa, edge. |
| x | x | ___ | ___ | Identify the proposed mechanical equipment pad, dimensions and location with set backs, and equipment. Show anticipated overall drainage of the pool site, deck work configuration and drainage. |
| x | x | ___ | ___ | Provide contour lines showing existing topography, where the pool/spa will be excavated, and a distance of 25 feet around the pool in every direction. The required contour interval is two (2) feet. |
| x | x | ___ | ___ | Plans shall show where the excavated material will be placed (maximum 2 feet depth). If it will be spread onsite, indicate the existing topography and the percent slope through the area where it will be spread and the maximum depth of the fill. If it will be exported offsite, indicate the destination, and be prepared to provide the inspector with receipts. |

Pool
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PLAN DETAILS

- x x ___ ___ Plans must be stamped and wet signed by a California licensed engineer or architect and must reference the current codes.
- x x ___ ___ Provide calculations showing the volume of the material that will be excavated. Volume must be expressed in cubic yards.
- x x ___ x Cross sections shall be shown through any associated grading, decking, or retaining walls.
- x x ___ ___ Provide specification sheets for listed pool equipment such as: pool covers, heating equipment, pumps, filters, entrapment avoidance fittings, door and pool alarms, any swimming pool lift device required to accommodate the disabled, and other specifications as needed.
- ___ ___ ___ x Provide details showing compliance with the Swimming Pool Enclosure Ordinance. See brochures.
- x x ___ ___ Show 2 circulation drains, hydraulically balanced with at least 3 ft. between the drains.
- x x ___ ___ Show the type of construction, whether gunite, poured concrete, prefabricated or other and appropriate structural details.
- x x ___ ___ Cross-reference details to the plot plan or other plan view. The specific portion of the pool to which the detail refers must be clearly marked.
- x ___ ___ ___ Soils reports may be required according to CBC Section 1802.2 through 1802.6

MECHANICAL & ELECTRICAL PLANS

- x x ___ ___ Show the type of heater if included and show the method of venting and provisions for combustion air.
- x x ___ ___ Show provisions for any future solar heating.
- x x ___ ___ Provide information regarding the filtration system.
- x x x ___ Provide an electrical layout that complies with all aspects of the California Electrical Code Articles 680 and 430. Show the source of electrical runs.
- x x ___ ___ Provide a plumbing layout with gas line routing from source and sizing per the California Plumbing Code 1216.0 and 1217.0.
- x x ___ ___ Show the pool piping layout with all sizes and types of material to be used, showing the location of the main outlet, surface skimmers and inlets.
- x x x ___ Show the location of the required WP/GFCI receptacle between 10 and 20 ft. of the water’s edge.

GRADING PERMITS

A grading permit is required if any of the following apply:

- The volume of fill exceeds 100 cubic yards, and it will be placed elsewhere onsite or it will be exported to any location off-site, other than the municipal landfill.
- The fill material to be spread onsite will exceed the depth of two feet.
- The fill material will be placed on slopes steeper than 20%.