



Applications for the installation or alteration of a swimming pool, spa, hot tub, and swimming pool enclosures/barriers require the preparation of plans. Plans must meet the current California codes; Santa Cruz County Code, including Section 12.10.216; and the following minimum standards. Additional requirements may be required depending on the project and project site.

Pool	Spa	Hot Tub	Barrier	SITE PLAN
✓	✓	✓	✓	Plans drawn to a scale of not less than 1/8" per foot
✓	✓	✓	✓	Identify property lines, easements, the nearest public right-of-way, overhead utilities lines adjacent to pool area or over the property.
✓	✓	✓	✓	Identify existing or proposed structures, fencing, retaining walls and other site characteristics.
✓	✓	✓		Identify the location and shape of the proposed pool, hot tub, and/or spa, dimensioned and located to show setbacks, side yards and clearances from existing structures.
✓	✓	✓		Show any windows or doors with glazing within 5 feet of the pool, hot tub, or spa edge.
✓	✓			Identify the proposed mechanical equipment pad, dimensions and location with setbacks, and equipment.
✓	✓			Show anticipated overall drainage of the pool site, deck work configuration and drainage.
✓	✓			Provide contour lines showing existing topography where the pool/spa will be excavated and extending to a distance of 25 feet around the pool in every direction. The required contour interval is two (2) feet.
✓	✓			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	Spa	Hot Tub	Barrier	PLAN DETAILS
✓	✓			Plans must be stamped and wet signed by a California licensed engineer or architect and must reference the current codes.
✓	✓			Provide calculations showing the volume of the material that will be excavated. Volume must be expressed in cubic yards.
✓	✓		✓	Cross sections shall be shown through any associated grading, decking, or retaining walls
✓	✓			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.
			✓	Provide details showing compliance with the Swimming Pool Enclosure Ordinance .



✓	✓			Show 2 circulation drains, hydraulically balanced with at least 3 feet between the drains.
✓	✓			Show the type of construction, whether gunite, poured concrete, prefabricated or other and appropriate structural details.
✓				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.
✓				Soils reports may be required according to CBC Chapter 18.

Pool	Spa	Hot Tub	Barrier	MECHANICAL & ELECTRICAL PLANS
✓	✓			Show the type of heater if included and show the method of venting and provisions for combustion air.
✓	✓			Show provisions for any future solar heating.
✓	✓			Provide information regarding the filtration system.
✓	✓	✓		Provide an electrical layout that complies with all aspects of the California Electrical Code. Show the source of electrical runs.
✓	✓			Provide a plumbing layout with gas line routing from source and sizing per the California Plumbing Code.
✓	✓			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.
✓	✓	✓		Show the location of the required WP/GFCI receptacle between 10 and 20 feet of the water's edge.

	GRADING PERMIT – A <i>grading permit is required if <u>any</u> of the following apply.</i>
✓	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 County 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%.