

# PLAN CHECK REQUIREMENTS PUBLIC POOL AND SPA RENOVATION



COUNTY OF SAN DIEGO  
DEPARTMENT OF ENVIRONMENTAL HEALTH  
FOOD & HOUSING DIVISION – PLAN CHECK PROGRAM  
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Replastering or resurfacing any type of public or commercial pool, making modifications to pool equipment, or adding or replacing fencing requires plan submittal to this Department prior to commencing work.

If making modifications to the pool shell or major modifications to the recirculation system, refer to the standard plan approval requirements for pools.

If missing handrails at stairs, ladders and depth markers these must be provided anytime the pool is drained for any reason. Current environmental health standards will apply.

Pool plan approval does not authorize the violation of any law, ordinance, or regulation and final approval is subject to field inspection and evaluation.

1. Submit two (2) sets of plans. This Department will retain one copy of the plans.
2. A plan approval fee is required. The fee will depend on the extent of the renovation.
3. The following information is required for the plan approval (when applicable):
  - ◆ Job Address - street number, city, and zip.
  - ◆ Owner's/Contractor's name, address, phone.
  - ◆ Include pool/spa specifications: length, width and depths.
  - ◆ Describe the method of applications and materials to be used in resurfacing process.
  - ◆ Include a plan view drawing of pool, spa and/or wader showing return inlets, skimmers, fill line and main drain locations.
  - ◆ Indicate all purposed work to be done to pool, spa and/or wader.
  - ◆ If handrails are being replaced or added, a side view of the stairs and handrail configuration is required. A handrail must be provided over all stairs extending from the deck to the bottom step tread. The upper railing surface shall be not less than 28 inches or more than 36 inches above the deck and each step tread. The clearance between any handrail and step riser shall be a minimum of three inches.
  - ◆ Indicate that existing tile line and/or depth markers will not be changed except for repair or replacement.
  - ◆ Provide coping detail if the pool coping is being replaced. Coping that is being replaced must extend over the pool wall 1 to 2 inches and not be thicker than 2½ inches.
  - ◆ Indicate all existing inlet and outlet fittings on pool, spa plumbing.
  - ◆ Indicate all side wall suction ports will have approved anti-vortex covers. If skimmer is replaced indicate equalizer check valve will also be provided for the port.
  - ◆ Directional eyeball fittings must be affixed to all return inlets. Indicate on plans. If existing returns are angled note on plans.
  - ◆ State that the color of the pool and/or spa will be white throughout.
  - ◆ Indicate that horizontal surfaces will be non-slip and non-abrasive, (i.e. shallow end of pool to a depth of 3 ½ feet, steps, spa bench and bottom).
  - ◆ Pools with a depth greater than (5) five feet must have a straight line of slip-resistant tile, (4) four inches wide of contrasting color across the bottom of the pool where the water depth is 4 ½ feet. If not currently present, this tile line shall be added during the resurface. Unglazed tile is considered slip-resistant.
  - ◆ If required, a remark stating that flush mounted devices for fastening a safety rope at the 4½-ft. depth is existing or will be added.
  - ◆ Provide a detail if drains are split.

- ◆ If adding solar, provide a diagram indicating separate or shunt installation. Include the size, make and model of the booster pump, number of collectors and flow through each collector.
4. As of January 1, 2000 all waders to be retrofitted for split main drains. Also current state law requires spa pools to have recirculation outlets properly installed in duplicate or have safety covers that cannot be covered by any part of the body.
  5. If there is a change in or addition to equipment include:
    - ◆ Year pool was built.
    - ◆ Volume of pool.
    - ◆ Make and model number of equipment.
    - ◆ Size of suction and return lines.
    - ◆ Any other information that pertains to the equipment installation.
  6. For new or replacement equipment and fittings use the approved equipment list of the County of San Diego Environmental Health and/or National Sanitation Foundation (NSF).
  7. If there is an existing diving board, provide top and side view dimensions of the pool. All swimming pools with diving boards will be reviewed for compliance with the current pool code and ordered removed if not in compliance regardless of when they were installed.
  8. Check and repair/replace the pool lighting and drain covers if applicable.
  9. If the pool deck, fencing, ancillary areas, toilet facilities and/or recirculation and treatment system components are to be changed or altered, then include these in the plan submittal for resurface.
  10. Indoor/outdoor carpeting or similar products are not approved for swimming or spa pool decks. This Department must approve any deck material other than concrete.
  11. See the document "Public Pool Fencing Requirements" for changes or replacement of fence.
  12. Call for field inspection by County of San Diego Environmental Health prior to application of resurfacing material and prior to reopening the pool and/or spa for use. If plumbing is changed (including split main drains), call for inspection prior to backfilling or gunite.