



## Department of Community Development and Sustainability

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# SWIMMING POOL AND SPA CHECKLIST AND REGULATIONS

### Submittal Checklist

- ☐ Two (2) plot plans on 8 ½ x 11-inch paper showing the following:
  - Setbacks from property lines, house and other structures
  - Location of a GFCI receptacle between 10 and 20 feet of the water's edge
  - Location and size of electrical panel
- ☐ Two (2) signed and sealed copies of steel schedule for gunite pools or spas.
- ☐ Three (3) copies of the plans or manufacturer specifications for the in-ground pool, spa, or above ground pool with the wet signature of the person responsible for the design.
  - Spa information is to include electrical and/or gas requirements. Manufactured spas shall be listed.
  - Existing electrical service panel size and load calculations to verify capacity.
  - Pool equipment schedule including manufacturer's specifications and listing information.
  - If a heater is to be installed, provide gas piping sizing and location.
  - If a solar heater is to be installed, provide manufacturer's installation instructions.

**An encroachment permit from Public Works Department is required for in-ground pools.**

### Swimming Pool and Spa Regulations

Any damage to public property (such as driveways approaches, sidewalks, etc.) must be repaired prior to final inspection.

The pool and/or spa shall be located a minimum of 5 ft. from property line and out of any easement.

New and existing glazing in walls used as a barrier for swimming pools and spas shall be safety glazing when the bottom edge of the glazing is less than 60 inches above the ground and the glazing is within five feet of the swimming pool or spa water's edge per the current California Building Code.

Automatic fill requires special backflow protection and annual testing by a certified backflow tester. (See link for current list of testers: <http://cityofdavis.org/pw/water/>)

Swimming Pool Heating - Any new or replacement swimming pool heater system in a residential occupancy shall be equipped with all of the following:

- An ON-OFF switch mounted on the outside of the heater for easy access
- A permanent weatherproof plate or card, easily readable, giving instruction for the efficient operation of the swimming pool.
- A length of plumbing (36" min.) between the filter and the heater to allow for future solar heating.
- Outdoor pools/spas equipped with a gas or electric heater shall be equipped with a pool/spa cover.

## **Fencing, Barriers, and Safety Regulations**

The California Swimming Pool Safety Act and the City of Davis Municipal Code require the following safety measures:

A swimming pool or spa located in a single-family dwelling lot shall be isolated from access from other properties by an enclosure that meets of section 115923 of the California Health and Safety Code. The pool or spa shall **also** be equipped with at least two of the following seven drowning prevention safety features:

1. An enclosure that meets the requirements below and isolates the swimming pool or spa from the private single-family home:
  - Access gates open away from the swimming pool, and are self-closing with a self-latching device placed no lower than 60 inches above the ground.
  - A minimum height of 60 inches.
  - A maximum vertical clearance from the ground to the bottom of the enclosure of two inches.
  - Gaps or voids, if any, do not allow passage of a sphere equal to or greater than four inches in diameter.
  - An outside surface free of physical characteristics that would serve as handholds or footholds that could enable a child below the age of five years to climb over.
2. Removable mesh fencing that meets ASTM F2286 standards in conjunction with a gate that is self-closing and self-latching and can accommodate a key lockable device.
3. An approved safety pool cover that meets ASTM F1346-91.
4. Exit alarms on the home's doors that provide direct access to the swimming pool or spa.
5. A self-closing, self-latching device with a release mechanism placed no lower than 54 inches above the floor on the home's doors providing direct access to the swimming pool or spa.
6. An alarm that will sound upon detection of accidental or unauthorized entrance into the water (ASTM Standard F2208).
7. Other means of protection, if the degree of protection afforded is equal to or greater than that afforded by any of the features set forth above and has been independently verified by an approved testing laboratory as meeting ASTM or ASME standards.

**The required drowning safety prevention devices shall be in place prior to filling the pool with water.**

### **Self-Closing, Self-Latching Gates Regulations**

