

Community Development Department

23 Russell Boulevard-Davis, California 95616
530/757-5610 Fax: 530/757-5660 TDD: 530/757-5666



POOL & SPA REGULATIONS

This sheet and the following sheets are the rules and regulations that must be complied with for installation of a pool, spa, hot tub and other bodies of water eighteen inches deep or deeper. For reference see 2007 editions of the California Building Code, California Plumbing Code, California Mechanical Code, California Electrical Code, and the California Energy Code.

1. Any damage to public property (such as driveways, sidewalks, etc.) must be repaired prior to final inspection. An encroachment permit from Public Works Department is required prior to issuance of permit for in ground pools.
2. **Yolo County Health Department** approval signature is required for other than single family residential pools or spas. Be sure to check with them for special requirements other than the requirements listed herein.
3. The pool and/or spa shall be located a minimum of 5 ft. from property line and out of any easement.
4. The following page shows specifications regarding barriers for swimming pools, spas, and hot tubs.
5. Permittee subject to penalty up to \$500 if pool/spa is filled with water before required barrier and self-closing, self-latching gates/doors are installed and approved.
6. New and existing glazing in walls used as a barrier for indoor and outdoor 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 CBC Sec. 2406.3(9).
7. Electrical work shall be per the 2007 California Electric Code, Article 680, and Title 24, Part 3, Article 3-680. Note: a GFCI receptacle shall be located between 10 and 20 feet of water's edge (see Art. 680.22 (A)).
8. Any subsequent **water treatment** devices shall be under a separate permit.
9. **Automatic fill** require special backflow protection, see page 5 of this handout for requirements/procedure.
10. Thirty-six inch access and working space must be maintained to all electrical equipment requiring service.
11. Pool light junction box must be UL listed or equivalent.
12. Any pool light underwater lighting fixture must be protected by ground fault circuit interrupter.
13. Provide minimum #8 AWG solid copper bonding wire for steel grid system, metallic parts of pool structure, and metal parts of electric equipment associated with the pool water circulating system.
14. Ground fault protection is required on all electric equipment used with storable pools.
15. Plumbing installation shall be in accordance with the 2007 California Plumbing Code.
16. Pool heater venting system must not terminate less than 4' below or 4' horizontally from or less than one foot above any door or window. Vent termination shall be not less than 4 ft. from property line per the California Mechanical Code.
17. Swimming Pool Heating - Any new or replacement fossil-fueled swimming pool heater system in a residential occupancy shall be equipped with all of the following:
 - A. An ON-OFF switch mounted on the outside of the heater for easy access to allow shutting off the operation of the heater without adjusting the thermostat setting.
 - B. A permanent weatherproof plate or card, easily readable, giving instruction for the efficient operation of the swimming pool and for the proper care of swimming pool water when a swimming pool cover is used.
 - C. A length of plumbing (thirty-six inch minimum) between the filter and the fossil-fuel heater to allow for the future addition of solar heating equipment.
 - D. Outdoor pools/spas equipped with a fossil fuel or electric heater shall also be equipped with a pool/spa cover (if heater cannot be used for pool water, provide written verification).
 - E. Time clocks shall be installed on any new or replacement pool circulation pump not already so equipped so that the pump can be set to run in the off-peak electric demand period (unless required to operate an active solar pool heating system) and for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable public health standards.
 - F. All pools shall be equipped with directional inlets which provide for adequate mixing of the pool water.



The City of Davis has adopted the California Health and Safety Code Section known as the Swimming Pool Safety Act. This has been Modified by local Ordinance Section 8.01.070 which follows:

8.01.070 Amendments, deletions and additions to the Health and Safety Code, Sections 115921, 115922 and 115925. Also known as the Swimming Pool Safety Act.

1. Section 115921(a) is hereby amended to read:

“Swimming pool” or “pool” means any structure intended for swimming, recreational bathing, or to hold water that contains water over 18 inches.
2. Section 115921(c) is hereby amended to read:

“Enclosure” means a fence, wall building wall or combination thereof, which completely surrounds the pool and obstructs access to the pool.
3. Section 115922(a) is hereby amended to read:
 - (a) Commencing on January 1, 2007, except as provided in Section 115925, whenever a building permit is issued for construction of a new pool or spa, or any building permit is issued for remodeling a pool or spa, at a private, single family home, the pool shall be isolated from access from other properties by an enclosure that meets the requirements of Section 115923. The pool or spa shall also be equipped with at least one of the following four drowning prevention safety features:
 - (1) The pool shall incorporate removable mesh pool fencing that meets American Society for Testing and Materials (ASTM) Specifications F 2286 standard in conjunction with a gate that is self-closing and self-latching and can accommodate a key lockable device.
 - (2) The pool shall be equipped with an approved safety pool cover that meets all the requirements of the ASTM Specifications F 1346.
 - (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 (door knob or handle) placed no lower than 54 inches above the floor.
 - (b) Prior to filing any pool with water of permitted construction or remodeling work, the local building code official shall inspect the drowning safety prevention devices required by this act and if no violations are found shall give approval.
4. Section 115925 is hereby amended to delete subsections (b) which is the exception for a listed locking cover.



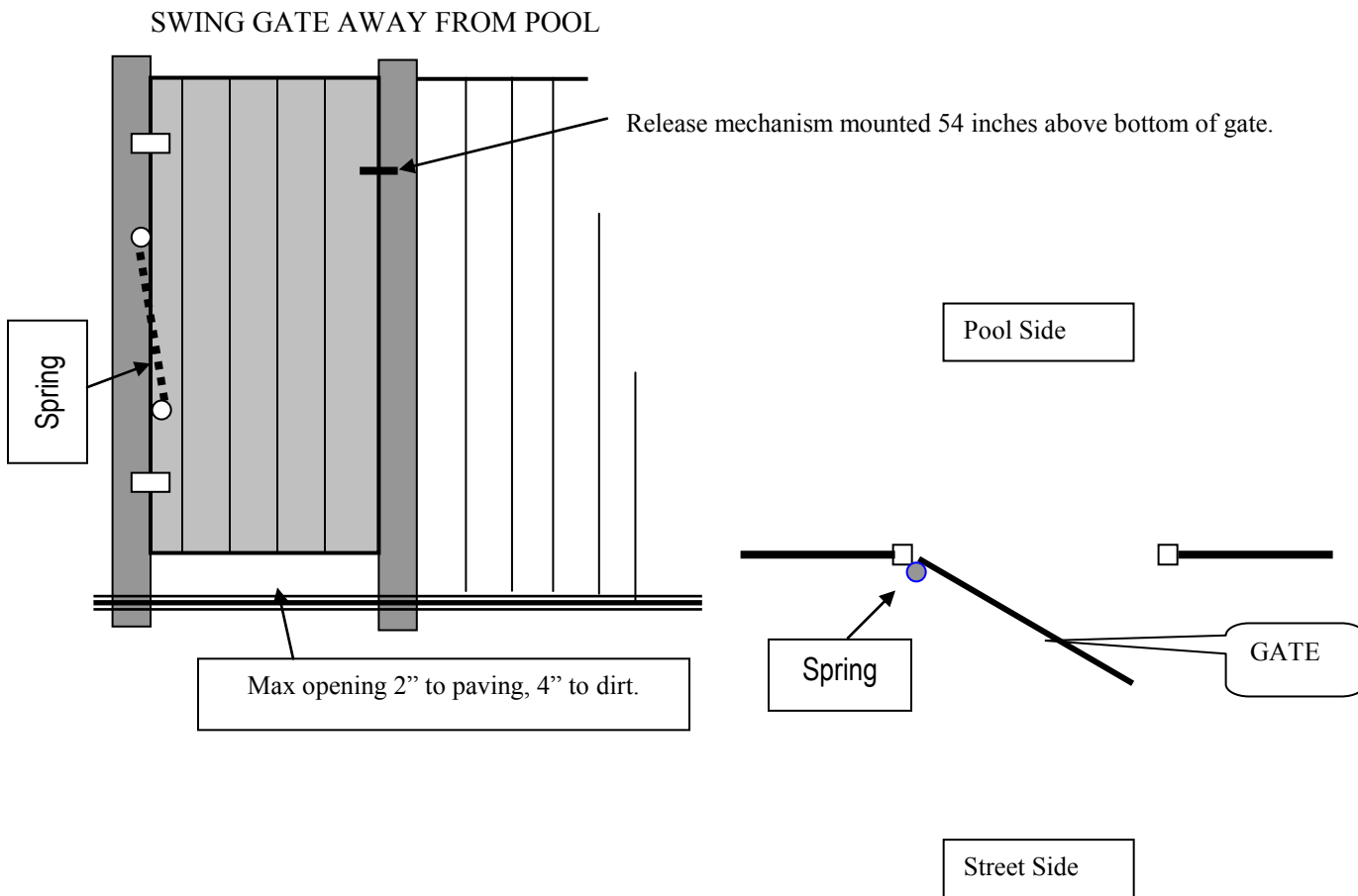
SELF-CLOSING, SELF-LATCHING GATES

The following is a typical gate spring installation instruction

USE: Heavy-duty compression springs to automatically close gates and doors. Recommend minimum one-inch heavy-duty type to insure self-closing/latching.

INSTRUCTIONS:

This spring must always be mounted on the hinged or pull side of the gate with the small Hex Head Nut at the top and inclined to the left as shown in the illustration below. Use brackets as templates, spot the screw holes and drill pilot holes. Fasten with screws. Edge of brackets should be approximately 1/4" from edge of gate and jamb.



Note: for illustration purpose only.



Backflow Device Installation Procedure

City of Davis Building Inspection Division

Often swimming pools are specified with an automatic fill device. This letter is to advise you of the required procedures if such a device is to be installed.

The installation of an automatic fill device for a pool requires the addition of either a Reduced Pressure Assembly or a Pressure Vacuum Breaker Assembly per the California Plumbing Code and the City of Davis Cross Connection Program Ordinance # 1738. These devices are required in order to protect the potable water supply of the Davis water system.

The procedure for the inspection and maintenance of either of the two backflow devices is as follows:

- A rough inspection of the water piping and backflow device by the Building Inspector is required prior to, or at the pre-plaster inspection.
- The pool contractor must obtain a test certification/report from an approved private Certified Backflow Prevention Assembly Tester.*
- The pool contractor shall provide the test certification/report of the backflow prevention assembly device to the Building Inspector prior to, or at the final inspection. (Or contractor must provide verification that this report has been received by Public Works.)
- The Building Inspector will forward the certification/report to the Public Works Department.

Once the above procedure has been completed, the Public Works Department will maintain a database for the installed assemblies. These assemblies will require an annual test by a private Certified Backflow Prevention Assembly Tester. A test certification shall be provided to the Public Works Department annually.

The private Certified Backflow Prevention Assembly Tester determines his or her own fee for the initial and annual test.

Please contact the Building Division at (530) 757-5610 if you have any questions concerning the above.

* For your convenience, a partial list of Certified Backflow Prevention Assembly Testers is attached. (Certified Testers may be used that are not on this list.)



PUBLIC WORKS DEPARTMENT

Mail: 1717 5TH Street, Davis, CA 95616
Office: 1717 5th Street
Phone: (530) 757-5686 Fax: (530)758-4738
TDD: (530) 757-5666
E-Mail: rthompo@ci.davis.ca.us

CERTIFIED BACKFLOW PREVENTION ASSEMBLY TESTERS

October 2007

BUSINESS	NAME	ADDRESS	CITY/STATE/ZIP	PHONE	CERT #
Glen Thornton Plumbing	Glenn Thornton	5405 Dorset Way	Sacramento, CA 95822	(916) 441-4387	0108
Stead Backflow Prevention	Betty Amrine	4555 N. Pershing Avenue, Ste #33-141	Stockton, CA 95203-6740	(800) 640-5171	0110
Stewart Plumbing	Robert Stewart	P.O. Box 4766	Davis, CA 95617	(530) 758-3305	0113
D.J. McKusick Underground	Don McKusick	14031 Flagstaff Drive	Sloughhouse, CA 95683	(916) 985-0109	0114
Plumbing Service Company	Randy Valenzano	6400 Elvas Avenue, Suite B	Sacramento, CA 95819	(916) 455-3171	0119
Village Backflow	Marc Rubald	413 Merganser Place	Davis, CA 95616	(530) 756-8952	0120
ABC Plumbing, Heat & Air	Steve Edwards	205 22nd Street	Sacramento, CA 95816	(530) 756-9240	0122
Bob's Back Flow Services	Robert Merrill	P.O. Box 425	Citrus Heights, CA 95611	(916) 705-8472	0127
Wave Plumbing	David Laidlaw	P.O. Box 1231	Meadow Vista, CA 95722	(800) 836-4671	0131
R C Plumbing	Rick Cortez	2925 27th Street	Sacramento, CA 95818	(916) 451-5629	0132
C & M Backflow Testing & Repair	Mitch Prather	3002 Springview Meadows Drive	Rocklin, CA 95766	(916) 783-7176	0134
Aldred Irrigation & Landscape	Andrew Aldred	8975 Lanier Way	Sacramento, CA 95826	(916) 363-3500	0137
Cunningham's Plumbing	James Mekus	6779 Sandylee Way	Sacramento, CA 95828	(916) 427-3232	0139
LeDoux Backflow Testing	Ronnie LeDoux	P.O. Box 1172	Orangevale, CA 95622	(916) 771-3415	0142
JM Backflow Testing	Jeff Mogler	8328 Crestmont Avenue	Citrus Heights, CA 95610	(916) 723-0763	0145
Dan's Reliable Plumbing	Danial Landherr	33 Sutter Street	Woodland, CA 95695	(530) 312-9242	0151
AP Plumbing	Nathan Passantino	P.O. Box 292	Woodland, CA 95776	(530) 666-2612	0152

***** Please see other side for additional testers *****

CERTIFIED BACKFLOW PREVENTION ASSEMBLY TESTERS
October 2007

BUSINESS	NAME	ADDRESS	CITY/STATE/ZIP	PHONE	CERT. #
Plumbing Service Company	Jason Maduri	6400 Elvas Avenue, Suite B	Sacramento, CA 95819	(916) 455-3171	0153
River City Fire	Randall Scott	2419 Sellers Way	West Sacramento, CA 95691	(916) 374-8295	0154
Jon's Backflow	Jonathan Ikerd	904 N. Humboldt	Willows, CA 95988	(530) 517-1953	0155
Cosco Fire Protection	Dennis Berry	4233 W Sierra Madre #108	Fresno, CA 03722	(559) 275-3795	0156
Risse Mechanical	John Blakely	7225 26 th Street	Rio Linda, CA 95673	(916) 991-3030	0157
Climent Construction	Charles Climent	111 Grimont Road	Oroville, CA 95966	(916) 698-2482	0158
PDQ Water.Com	Lynn Christensen	216 F Street	Davis, CA 95616	(530)756-7084	0159
Dan's Reliable Plumbing	Robert Difeo	33 Sutter Street	Woodland, CA 95695	(530) 312-9242	0160
River City Fire	Chris Brown	2419 Sellers Way	West Sacramento, CA 95691	(916) 374-8295	0161
Plumbing Service Company	Ryan LeDoux	6400 Elvas Avenue, Suite B	Sacramento, CA 95819	(916) 455-3171	0162
AP Plumbing	Jeremy Hembree	P.O. Box 292	Woodland, CA 95776	(530) 666-2612	0163
Aaron Plumbing	Robert Amos	P.O. Box 2657	Vacaville, CA 95696	(530) 758-6237	0164
James Water Service Co.	James Whitaker	116 Broadview Lane	Winters, CA 95694	(530) 902-4805	0165
Plumbing Service Company	Paul Ripley	6400 Elvas Avenue, Suite B	Sacramento, CA 95819	(916) 455-3171	0166

***** Please see other side for additional testers *****

NOTE: THE ASSEMBLY OWNER SHOULD BE AWARE THAT A CONTRACTOR HAS PROPER INSURANCE COVERAGE.
 A BACKFLOW ASSEMBLY CREATES A CLOSED SYSTEM AND SHOULD ONLY BE INSTALLED BY A QUALIFIED PLUMBER.