

Pool Permit Requirements

Both a Building Permit and Electrical Permit are required.

In this package you will find the requirements for obtaining a pool permit under the current CT State Building Code.

(Residential Swimming Pool Definition)

A pool intended for use that is accessory to a *residential* setting and available to the household and its guests. Other pools shall be considered as public pools for purposes of this code.

The basic elements of the permit application process are;

- Building and Electrical Permit Application (Available Online)
- License number and insurance certificate of installer or Homeowners Affidavit if the application is submitted by the homeowner (7-A, 7-B & 7-C forms Available Online)
- Details of pool, In-ground, Above ground, Temporary, Hot tub/spa, etc.
- Details of pool ladder enclosure or fencing for purposes of ensuring Barrier Compliance.
- Barrier Affidavit (Available Online)
- Site plan of property showing location of pool, (proximity to property lines, septic systems, wells, underground utilities, etc.)
- Zoning Agent review and approval of Building Pool Application.
- Pool decks installed at the time of the pool installation or to be installed at a later date to provide Access to the pool will require a building permit with structural drawings and details of the Barrier Compliance accessories.
- In ground pools will require engineered drawings typically provided by the vendor of the pool.
- Public Pool Applications will require a review by the Dept. of Public Health in accordance with Connecticut General Statutes 19a-36.

In the packets you will find copies of the pool regulations taken from the Building Code for your reference. While these regulations may not cover every situation, the Town of Woodstock Building Official will be available to answer questions during the permit application review, pool installation and inspection portions of the project.

Required Swimming Pool Inspections

The following is a list of inspections that are required to be performed prior to the continuation of each phase of work.

Requests for inspections can be made by calling the Building Dept. At 860-928-6929

Trenching and Bonding – Trench depth for electrical conduit with or without conductors, bottom layer of trench to be sand plus warning / caution tape available for inspection. Bonding of conductive metal equipment and parts including wet niche fixtures, reinforcing steel and perimeter bonding element.

Electrical Final – Location of circulation equipment with bonding, convenience outlets provided and any pool lighting.

Pool Final – All of the safety requirements must be in place for the final inspection and approved by the Building Official before the pool can be used. This includes fencing, gates – latches and door alarms, access ladders, pool alarm that emits a sound of at least 50 decibels when a person or an object weighing 15 lbs. or more enters the water in a swimming pool and signage. All stages of pool construction MUST be completed for a certificate of completion.

Each Swimming Pool Installation Requires a Building and Electrical Permit.

Additional permits and inspections are required for above ground or in ground pools with direct access from a residence to the pool.

I have read and understand the listed requirements above.

Applicant Signature: _____ Date: _____

Homeowner Signature: _____ Date: _____

Any person who violates these provisions of the Code could be subject to fines not less than two hundred (\$200) and not more than one thousand dollars (\$1,000) or imprisoned not more than six (6) months or both, pursuant to Section 29-254a, Connecticut General Statutes.

Swimming Pool Barrier

2021 International Swimming Pool and Spa Code

Pool Barriers

Barriers are not childproof, but they provide layers of protection for a child when there is a lapse in adult supervision. Barriers give parents additional time to find a child before the unexpected can occur.

Barriers include a fence or wall, door alarms for the house, and a power safety cover over the pool. Use the following recommendations as a guide.

The state of Connecticut has adopted the pool barrier requirements of the 2021 International Pool and Spa Code.

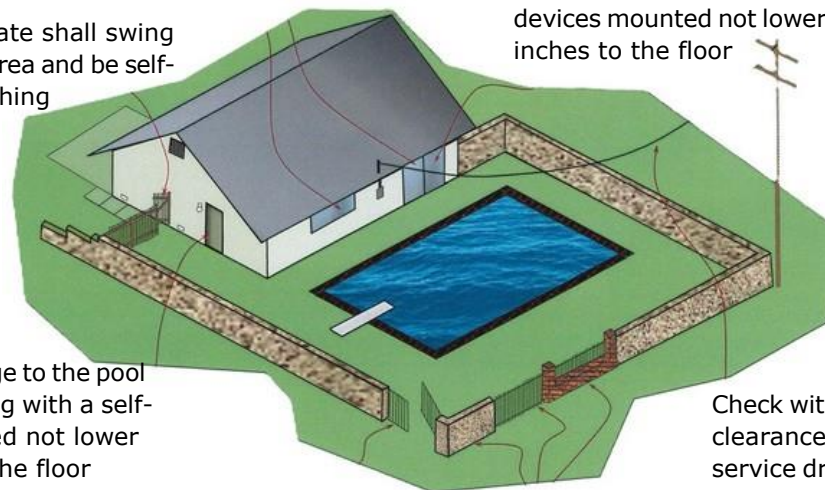
Operable windows having a sill height of less than 48 inches above the indoor finished floor shall have an alarm that produces an audible warning when the window or screens are opened. The alarm shall be listed and labeled as a water hazard entrance alarm in accordance with UL 2017

Doors providing direct access from the home to the pool area shall be equipped with exit alarms

-OR-

with self-closing and self-latching devices mounted not lower than 54 inches to the floor

Pedestrian access gate shall swing away from the pool area and be self-closing and self-latching



The door from the garage to the pool area shall be self-closing with a self-latching device mounted not lower than 54 inches above the floor

Check with Public Utilities for clearance information for service drops

Double gates shall have not fewer than one leaf secured in place and the other leaf shall have a self-latching device and shall be equipped with a padlock and shall always remain locked when not in use.

4' 0" minimum fence height (as measured from the side OPPOSITE the pool) ALL pool fences barriers must be non-climbable

**Woodstock Building
Dept.**

415 Route 169
Woodstock, CT.
06281

860-928-6929
Ext. 331 or 328

It is the responsibility of the permit holder of the permit holder's representative to notify the Building Dept. when the stages of construction are reached that require an inspection. All inspections need to be requested 48 hours prior by calling the Building Department at 860-928-6929, Monday-Tuesday and Thursday 8:30 AM - 4:30 PM / Wednesday 8:30 AM - 6:00 PM.

The information contained within this bulletin is the most common needed to obtain a permit and is not representative of all the conditions that may be encountered during the construction of your project.

Barrier Requirements

1. **Barrier height and clearances:** The top of the barrier shall be at least 48 inches above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an above-ground pool, the barrier may be at ground level, such as the pool structure, or mounted on top of the pool structure, and the bottom of the barrier shall be 4 inches. **(See Figures 2 and 4)**
2. **Openings:** Openings in the barrier shall not allow passage of a 4-inch-diameter sphere. **(See Figure 2)**
3. **Solid Barrier Surfaces:** Solid barriers which do not have openings shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints. **(See Figure 3)**
4. **Closely spaced horizontal members:** Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is **less than 45 inches**, the horizontal members shall be located on the swimming pools side of the fence. Spacing between vertical members shall not exceed 1 3/4 inches in width **(See Figures 2, 4 & 6)**. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches in width **(See Figures 5 & 6)**.

*A successful pool barrier prevents a child from getting **OVER, UNDER or THROUGH** and keeps the child from gaining access to the pool except when supervising adults are present.*

Latch may be located on the inside or outside of the gate if it is 54" minimum above finished grade

If latch is less than 54" above finished grade, latch shall be located on the inside, 3" below the top, and no opening greater than 1/2" shall be located within 18" of latch

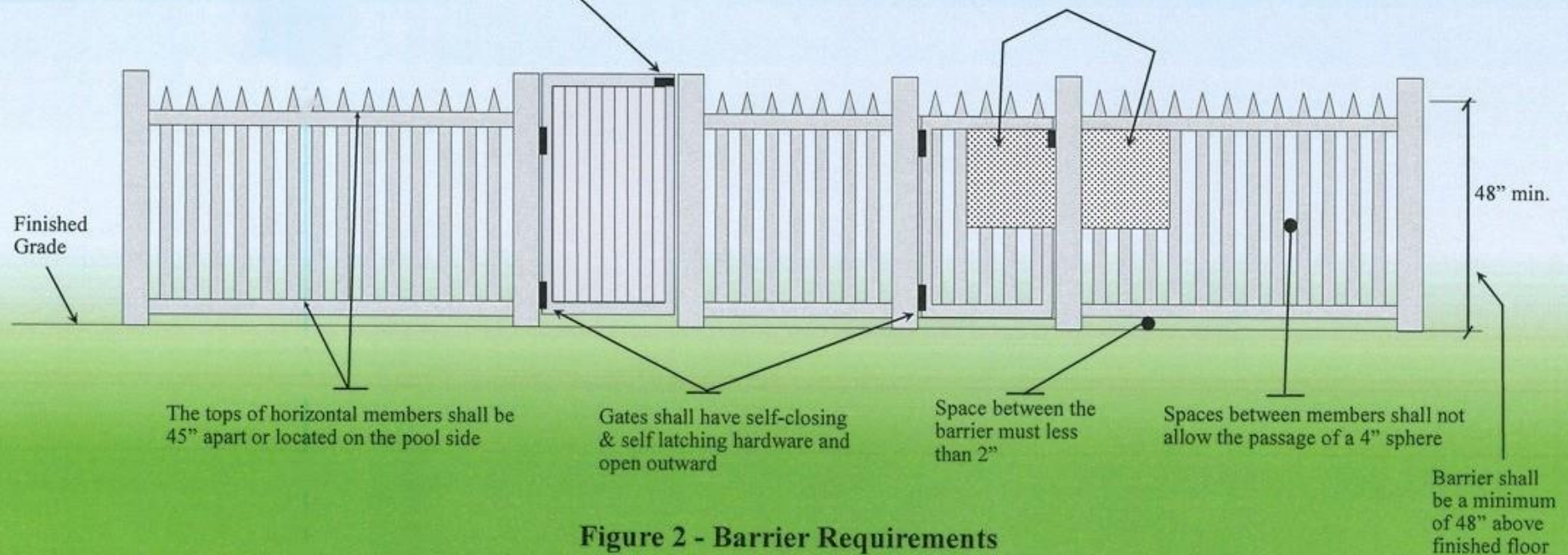
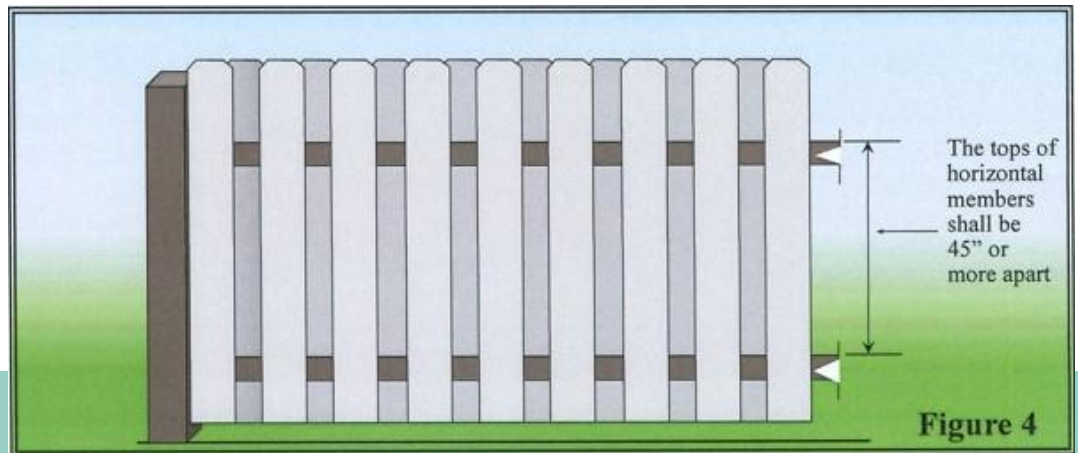
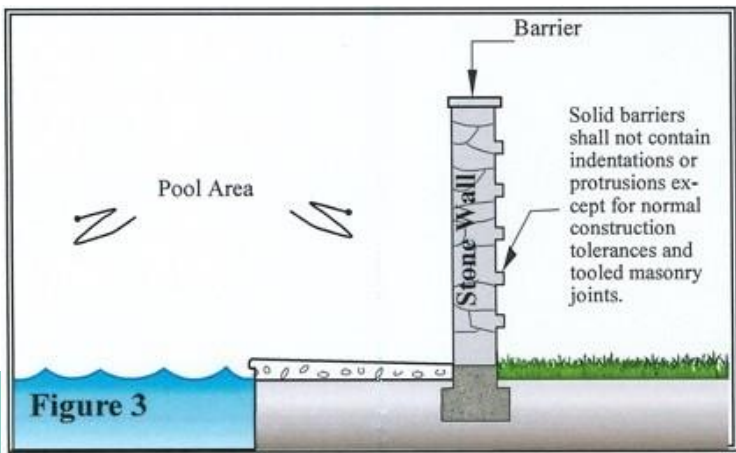
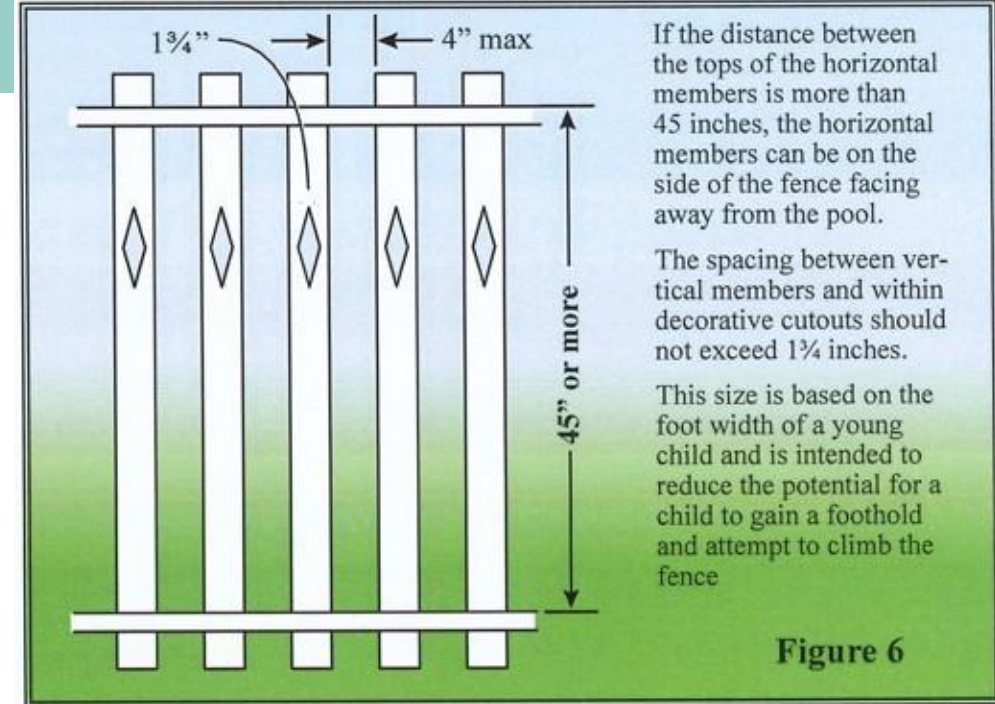
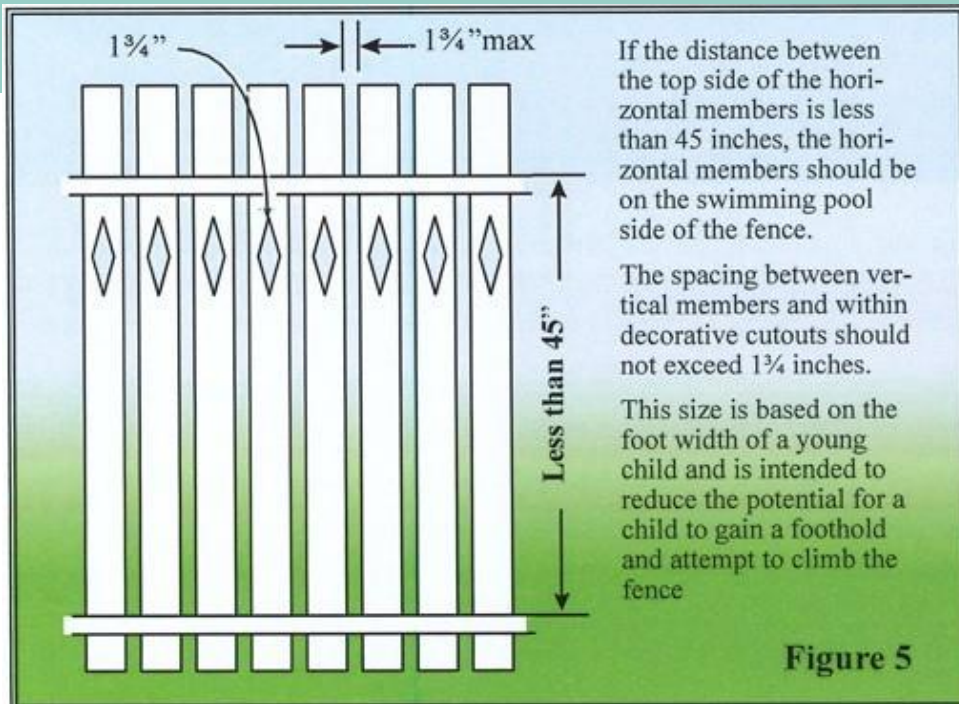


Figure 2 - Barrier Requirements



Widely Spaced Horizontal Members

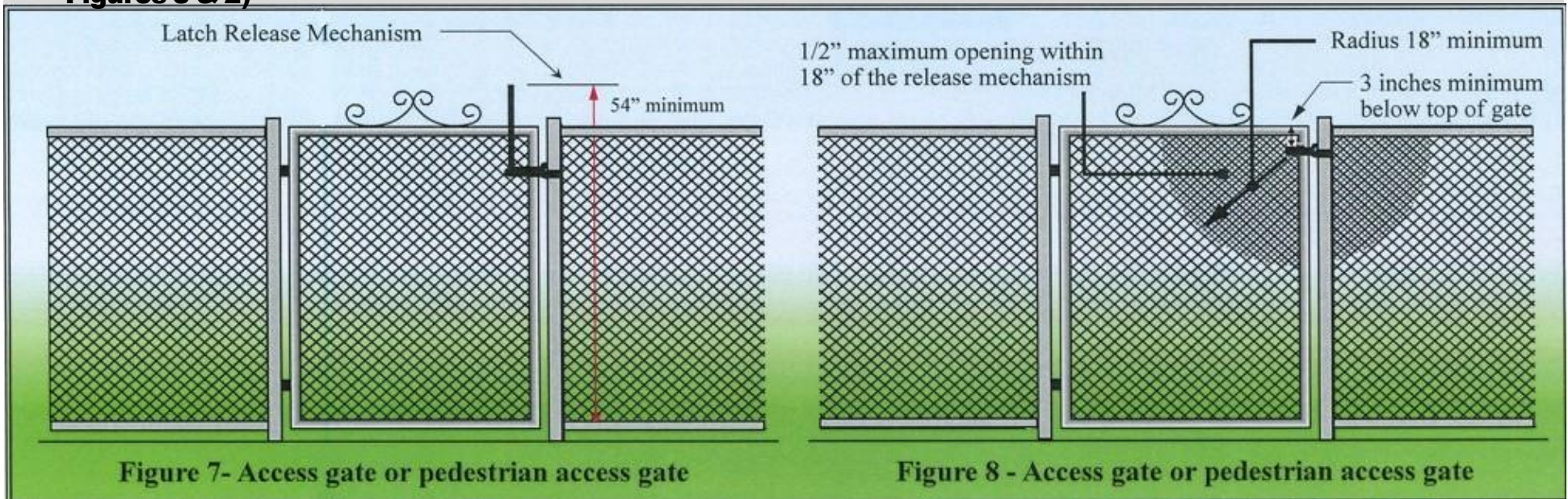
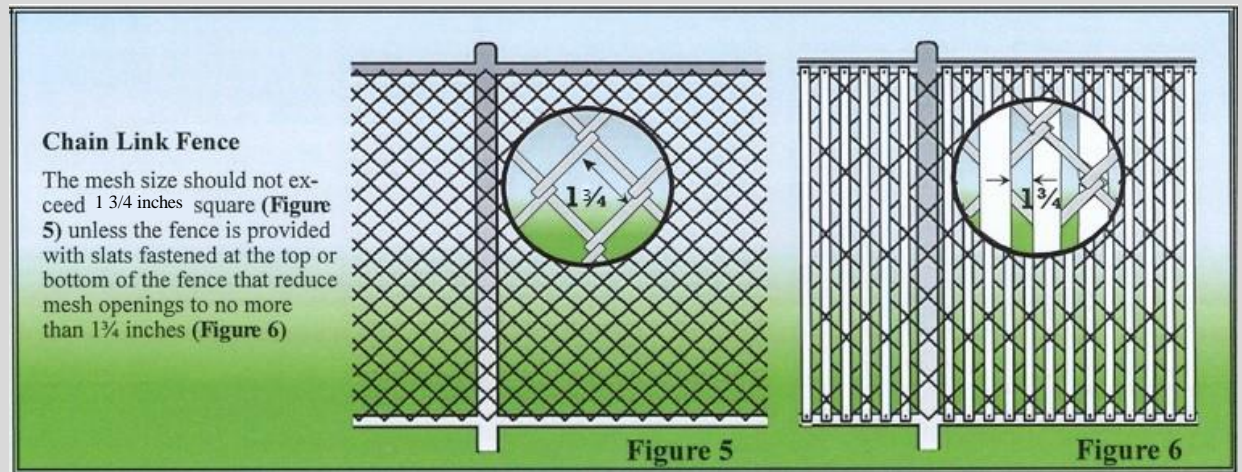
Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches or more, spacing between vertical members shall be not greater than 4 inches (**See Figures 2, 4, and 6**). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches in width. (**See Figures 5 and 6**)



Access Gates

An outdoor private swimming pool, including an in-ground, above-ground, or on-ground pool, hot tub, or spa shall be provided with a barrier which shall comply with the following:

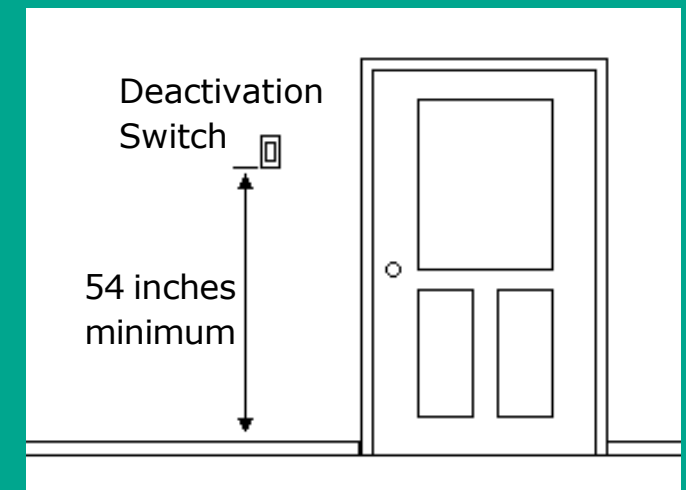
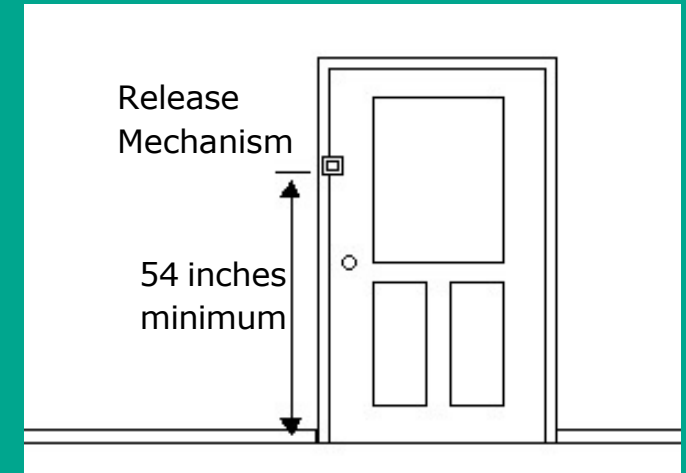
- ◆ Access gates shall comply with the requirements for a barrier and will be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be both **self-closing** and **self-latching**. (See Figures 2, 7, & 9)
- ◆ Gates other than pedestrian access gates (vehicle entrances, etc.) shall have a **self-latching** device. (See Figure 10)
Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate:
(a) the release mechanism shall be located on the pool side of the gate at least 3 inches below the top of the gate; and
(b) the gate and barrier shall not have an opening greater than 1/2 inch within 18 inches of the release mechanism. (See Figures 8 & 2)

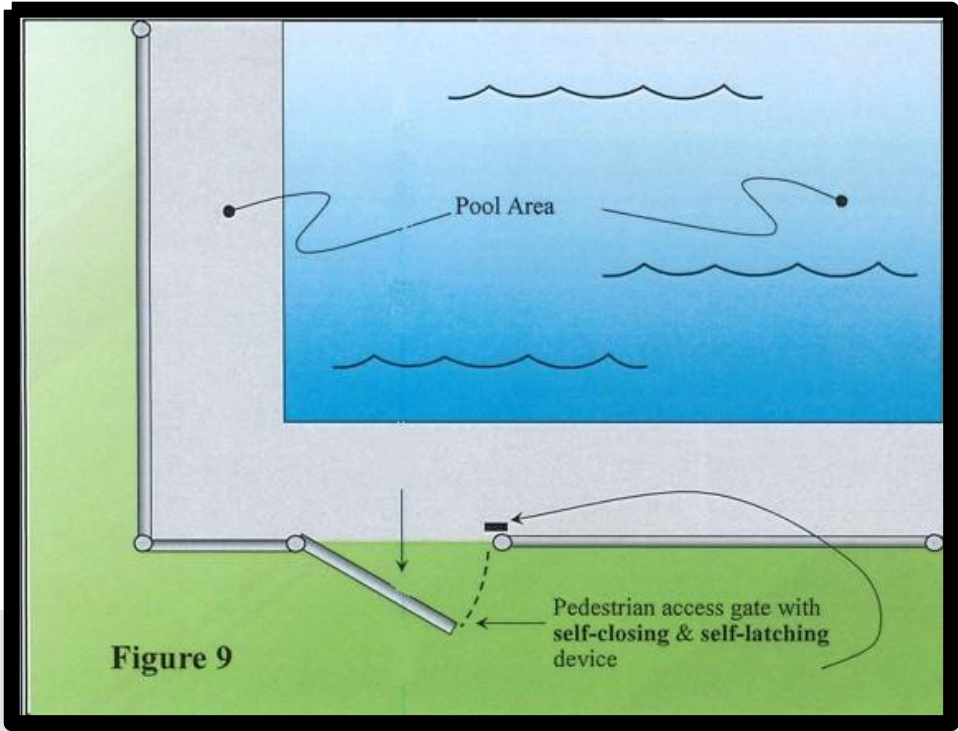
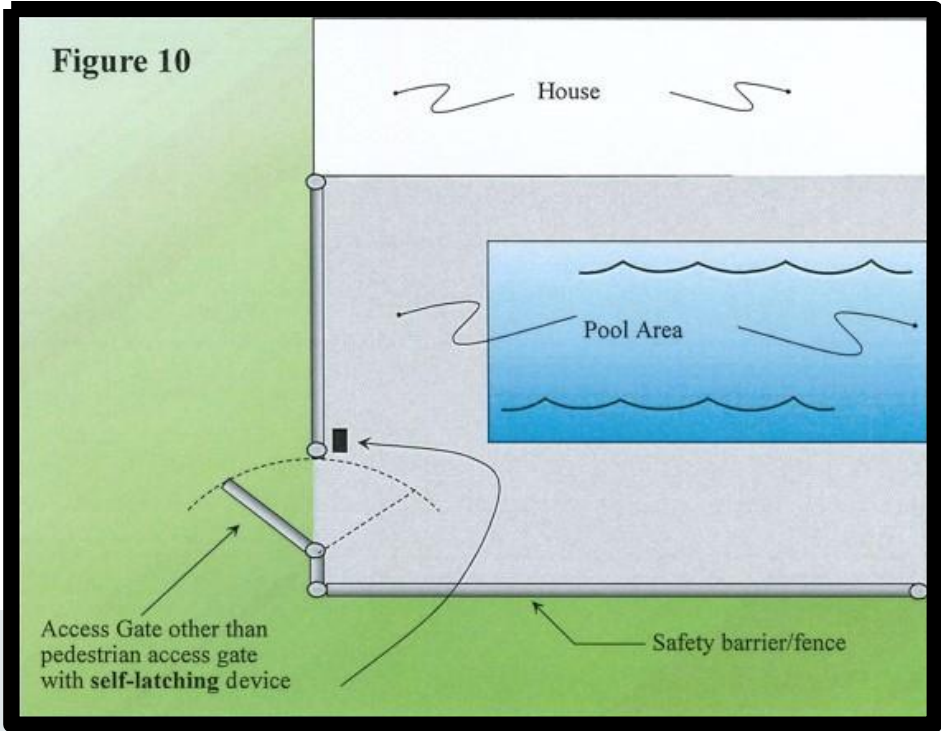


When a Dwelling Unit Serves as Part of the Pool Barrier

Where a wall of a dwelling or structure serves as part of the barrier and where doors, gates or windows provide direct access to the pool or spa through that wall, one of the following shall be required:

1. Operable windows having a sill height of less than 48 inches (1219 mm) above the indoor finished floor, doors and gates shall have an alarm that produces an audible warning when the window, door or their screens are opened. The alarm shall be *listed* and labeled as a water hazard entrance alarm in accordance with UL 2017.
2. In dwellings not required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located at not less than 54 inches (1372 mm) above the finished floor.
3. In dwellings that are required to be Accessible units, Type A units or Type B units, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the finished floor.
4. In structures other than dwellings, the operable parts of the alarm deactivation switches shall be located not greater than 54 inches (1372 mm) and not less than 48 inches (1220 mm) above the finished floor.
5. A *safety cover* that is *listed* and *labeled* in accordance with ASTM F1346 is installed for the pools and spas.
6. An *approved* means of protection, such as self-closing doors with self-latching devices, is provided. Such means of protection shall provide a degree of protection that is not less than the protection afforded by Item 1 or 2.





Above Ground Pools

Where an above-ground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, then the ladder or steps either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier that meets the barrier requirements. **(See Figure 12)** When the ladder or steps are secured, locked, or removed, any opening created shall not allow the passage of a 4-inch diameter sphere.

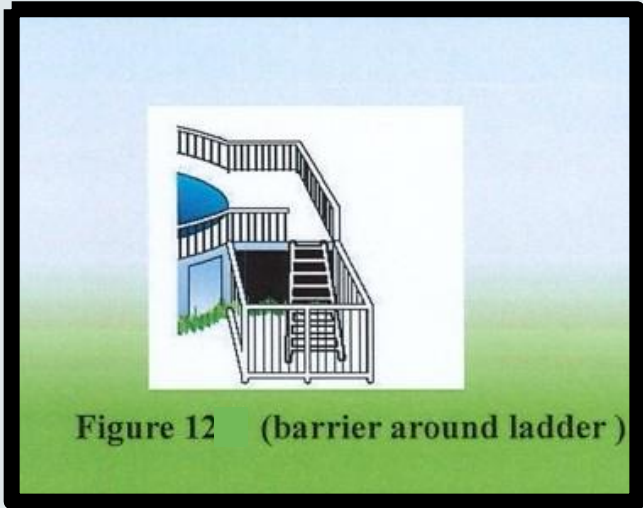


Figure 12 (barrier around ladder)