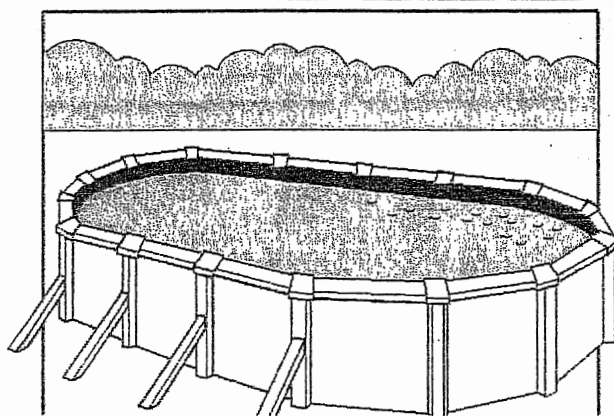
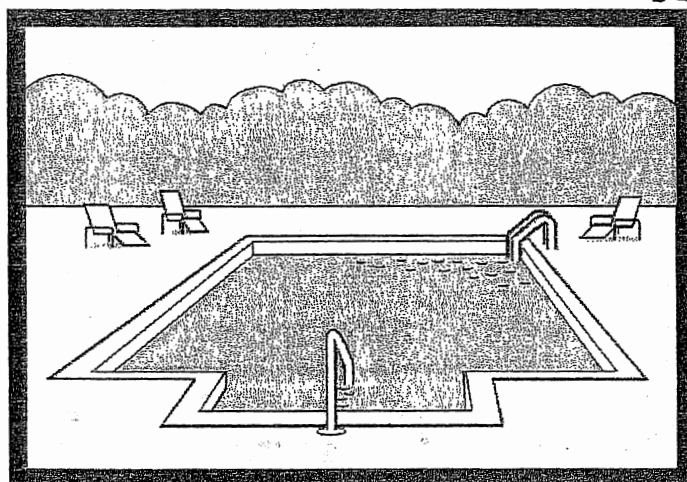
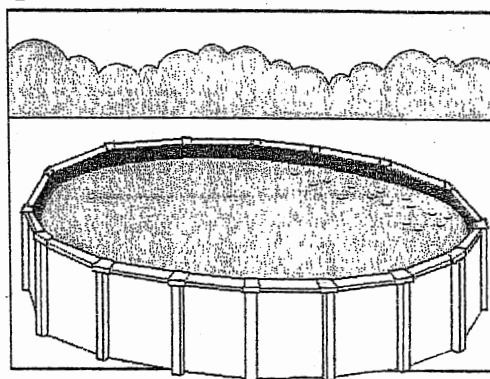


Swimming Pool Enclosure Code Requirements

2015, 2018
with Code Updates



CONSTRUCTION OF POOL

1. TORRINGTON AREA HEALTH DISTRICT

A Torrington Area Health District application must be filled out along with a plot plan showing where the pool will be located on the property.

Show location of septic tank, leaching fields, and well on plot plan.

Not required if the property has city water **and** city sewer.

2. ZONING INFORMATION

A Zoning Application must be filled out along with a plot plan showing where the pool will be located on the property.

Stake out where proposed pool will be located on your property.

3. BUILDING DEPARTMENT

A building permit and electrical permit is obtained after you have met the Zoning requirements and have all other necessary papers.

YOU MUST OBTAIN AN ENGINEER DESIGN OF INGROUND POOL WITH A STATE OF CONNECTICUT STAMP ON IT FROM THE COMPANY WHERE YOU PURCHASE THE INGROUND POOL

INSPECTIONS

Pool wiring along with open trench and bonding must be inspected prior to filling with water

Pool enclosure must be inspected

Pool must have final approvals from all departments

Pool must be inspected upon completion including timers, alarms, heating appliances and pool enclosure

SWIMMING POOL AGREEMENT

PROPERTY OWNER: _____

TELEPHONE NUMBER: _____

LOCATION OF POOL

STREET _____

LOT NUMBER _____

TYPE OF POOL AND SIZE

_____ ABOVE GROUND POOL

_____ INGROUND POOL

POOL TO BE CONSTRUCTED BY: _____

SIGNATURE OF AGENT: _____

TELEPHONE NUMBER _____

REGISTRATION NUMBER _____

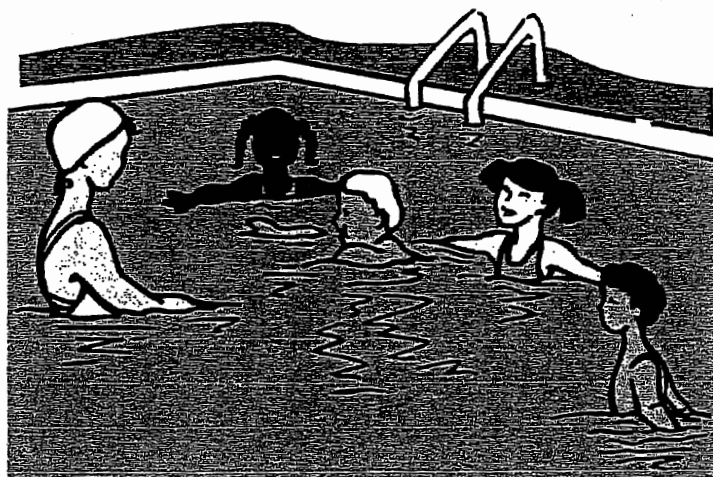
I, hereby agree to comply with section AG101 of the State Building Code, effective 10-1-2018, concerning pool safety devices, fencing, gate, pool alarms, etc. I hereby agree that the installation of the electrical wiring and equipment such as pumps, filters, lighting, etc. shall conform to article 680 of the national electrical code. I hereby agree not to use my pool until an approved final inspection has been performed,

I understand that it is my responsibility to call for a final inspection as soon as possible.

I, the undersigned shall install a pool alarm as required CGS 29-265.

Alarm must emit sound of 50 decibels when 15-pound object enters the water, pool alarm must be installed with the pool, and this alarm does not take the place of barrier or other code requirements.

Signature



Swimming Pools

The drawings contained in this brochure pertain to Appendix G of the 2015 International Residential Code along with the 2018 Amendment to the Connecticut Supplement. These drawings are for illustration purposes only. The written code text shall apply.

SWIMMING POOL. SPA, EXERCISE

(Add) **3109.4 Swimming pool barriers.** Residential and public *swimming pool* barriers shall comply with Sections 3109.4.1 to 3109.4.3, inclusive.

Exception: A residential spa or hot tub with a safety cover complying with ASTM F 1346 need not comply with Section 3109.4.

(Add) **3109.4.1 Barrier height and clearances.** The top of the barrier shall be not less than 48 inches (1219 mm) above grade measured on the side of the barrier that faces away from the *swimming pool*. The vertical clearance between grade and the bottom of the barrier shall be not greater than 2 inches (51 mm) measured on the side of the barrier that faces away from the *swimming pool*. Where the top of the pool structure is above grade, the barrier is authorized to be at ground level or mounted on top of the pool structure, and the vertical clearance between the top of the pool structure and the bottom of the barrier shall be not greater than 4 inches (102 mm).

(Add) **3109.4.1.1 Openings.** Openings in residential *swimming pool* barriers as defined by the exception to Section 3109.1.1 shall not allow passage of a 4-inch-diameter (102 mm) sphere. Openings in public *swimming pool* barriers shall not allow passage of a 2-inch diameter (51 mm) sphere.

(Add) **3109.4.1.2 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.

(Add) **3109.4.1.3 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 (1143 mm), the horizontal members shall be located on the *swimming pool* side of the fence. Spacing between vertical members shall be not greater than 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than 1.75 inches (44 mm) in width.

(Add) **3109.4.1.4 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 (1143 mm) or more, spacing between vertical members in residential pools shall be not greater than 4 inches (102 mm) and spacing between vertical members in public pools shall be not greater than 2 inches (51 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.

(Add) **3109.4.1.5 Chain link dimensions.** Mesh size for chain link fences shall be not greater than a 2.-inch square (57 mm square) unless the fence is provided with slats fastened at the top or the bottom that reduce the openings to not more than 1.75 inches (44 mm).

(Add) **3109.4.1.6 Diagonal members.** Where the barrier is composed of diagonal members, the opening formed by the diagonal members shall be not greater than 1.75 inches (44 mm).

(Add) **3109.4.1.7 Gates.** Access doors or gates shall comply with the requirements of Sections 3109.4.1.1 through 3109.4.1.6 and shall be equipped to accommodate a locking device. Pedestrian access doors or gates shall open outward away from the pool and shall be *self-closing* and have a self-latching device. Doors or gates other than pedestrian access doors or gates shall have a self-latching device. Release mechanisms shall be in

accordance with Sections 1010.1.9 and 1109.13. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the door or gate, the release mechanism shall be located on the pool side of the door or gate 3 inches (76 mm) or more, below the top of the door or gate, and the door or gate and barrier shall be without openings greater than 1/2 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.

(Add) **3109.4.1.8 Dwelling wall as a barrier.** Where a wall of a *dwelling* serves as part of the barrier, one of the following shall apply:

1. Doors with *direct access* to the pool through that wall shall be equipped with an alarm that produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be *listed* and *labeled* in accordance with UL 2017. In *dwelling*s not required to be *Accessible units*, *Type A units* or *Type B units*, the deactivation switch shall be located 54 inches (1372 mm) or more above the threshold of the door. In *dwelling units* required to be *Accessible units*, *Type A units* or *Type B units*, the deactivation switch shall be located not higher than 54 inches (1372 mm) and not less than 48 inches (1219 mm) above the threshold of the door.
2. The pool shall be equipped with a power safety cover which complies with ASTM F1346.
3. All doors with *direct access* to the pool through that wall shall be equipped with a *self-closing* and self-latching device with the release mechanism located a minimum of 54 inches above the door threshold. Swinging doors shall open away from the pool area.

(Add) **3109.4.1.9 Pool structure as a barrier.** Where an above-ground or on-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 shall be surrounded by a barrier that meets the requirements of Sections 3109.4.1.1 to 3109.4.1.8, inclusive.

Exception: A residential spa or hot tub with a safety cover complying with ASTM F1346.

(Add) **3109.4.2 Indoor swimming pools.** Walls surrounding indoor *swimming pools* shall be required to comply with Section 3109.4.1.8.

(Add) **3109.4.3 Prohibited locations.** Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

(Add) **3109.5 Entrapment avoidance.** Suction outlets shall be designed and installed in accordance with ANSI/APSP-7.

(Add) **3109.6 Temporary enclosure.** A temporary enclosure shall be installed prior to the electrical bonding inspection of any in-ground *swimming pool* unless the permanent barrier specified in Section 3109 is in place prior to the commencement of the installation. The temporary

enclosure shall be a minimum of 4 feet in height, shall have no openings that will allow passage of a 4-inch sphere and shall be equipped with a positive latching device on any openings.

(Add) **3109.7 Pool alarm.** Pursuant to section 29-265a of the Connecticut General Statutes no building *permit* shall be issued for the construction or substantial *alteration* of a *swimming pool* at a residence occupied by, or being built for, one or more families unless a pool alarm is installed with the *swimming pool*. As used in this section, "pool alarm" means a device that emits a sound of at least 50 decibels when a person or an object weighing 15 pounds or more enters the water in a *swimming pool*.

Exception: Hot tubs and portable spas shall be exempt from this requirement.

(Add) **3109.9 Pool structure.** The pool structure shall be engineered and designed to withstand the expected forces to which the pool will be subjected.

2015 International Energy Conservation Code 2018 Amendments

504.3 Swimming pools. Swimming pools shall be provided with energy-conserving measures in accordance with Sections 504.3.1 through 504.3.3.

504.3.1 On-off switch. All pool heaters shall be equipped with an ON-OFF switch mounted for easy access to allow shutting off the operation of the heater without adjusting the thermostat setting and to allow restarting without relighting the pilot light.

504.3.2 Pool covers. Heated swimming pools shall be equipped with a pool cover.

Exception: Outdoor pools deriving more than 20 percent of the energy for heating from renewable sources (computed over an operating season) are exempt from this requirement.

504.3.3 Time clocks. Time clocks shall be installed so that the pump can be set to run in the off-peak electric demand period and can be set for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable health standards.

Guidelines for Residential Swimming Pools, Spas and Hot Tubs

The following is an excerpt from Appendix G of the current State Building Code

AG105.1 Application. The provisions of this appendix shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a barrier which shall comply with the following:

1. 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. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches.
2. Openings in the barrier shall not allow passage of a 4-inch diameter sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions, except for normal construction tolerances and tooled masonry joints.
4. 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 pool side of the fence. Spacing between vertical members shall not exceed 1 3/4 inches in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches in width.
5. 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 not exceed 4 inches. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1 3/4 inches in width.
6. Maximum mesh size for chain link fences shall be a 2 1/4 square, unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than 1 3/4 inches.

7. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 1 3/4 inches.

8. Access gates shall comply with the requirements of items 1 through 7, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outward away from the pool, and shall be self-closing and have a self-latching device. Gates, other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release mechanism and openings shall comply with the following:

8.1. The release mechanism shall be located on the pool side of the gate at least 3 inches below the top of the gate; and

8.2. The gate and barrier shall have no opening larger than 1/2 inch within 18 inches of the release mechanism.

9. Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met:

9.1. The pool shall be equipped with a powered safety cover in compliance with ASTM F 1346; or

9.2. Doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch(es) shall be located at least 54 inches above the threshold of the door; or

9.3. Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable as long as the degree of protection afforded is not less than the protection afforded by Item 9.1 of 9.2 described herein.

10. Where an above-ground or on-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, the ladder or steps shall be surrounded by a barrier that meets the requirements of section AG105.2, items 1 through 9, inclusive.

AG105.3 Indoor swimming pool. Walls surrounding an indoor swimming pool shall comply with item 9 of Section AG105.2, Item 9.

AG105.4 Prohibited locations. Barriers shall be located to prohibit permanent structures, equipment or similar objects from being used to climb them.

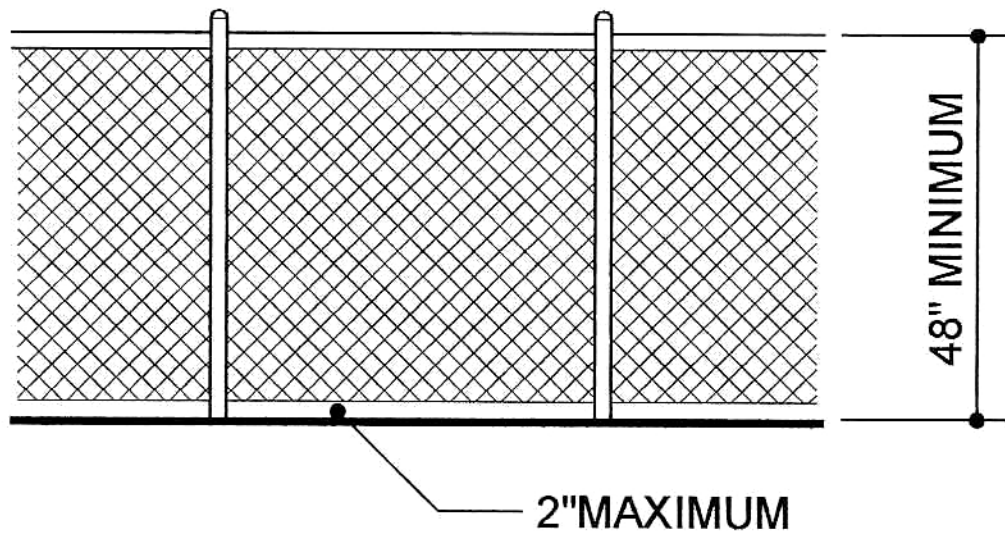
AG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346 shall be exempt from the provisions of this appendix.

AG105.6 Temporary enclosure. A temporary enclosure shall be installed prior to the electrical bonding inspection of any in-ground swimming pool unless the permanent barrier specified in Section AG105.2 is in place prior to the commencement of the installation. The temporary enclosure shall be a minimum of 4 feet in height, shall have no openings that will allow passage of a 4-inch sphere and shall be equipped with a positive latching device on any openings.

Pursuant to section 29.265 at portal.ct.gov

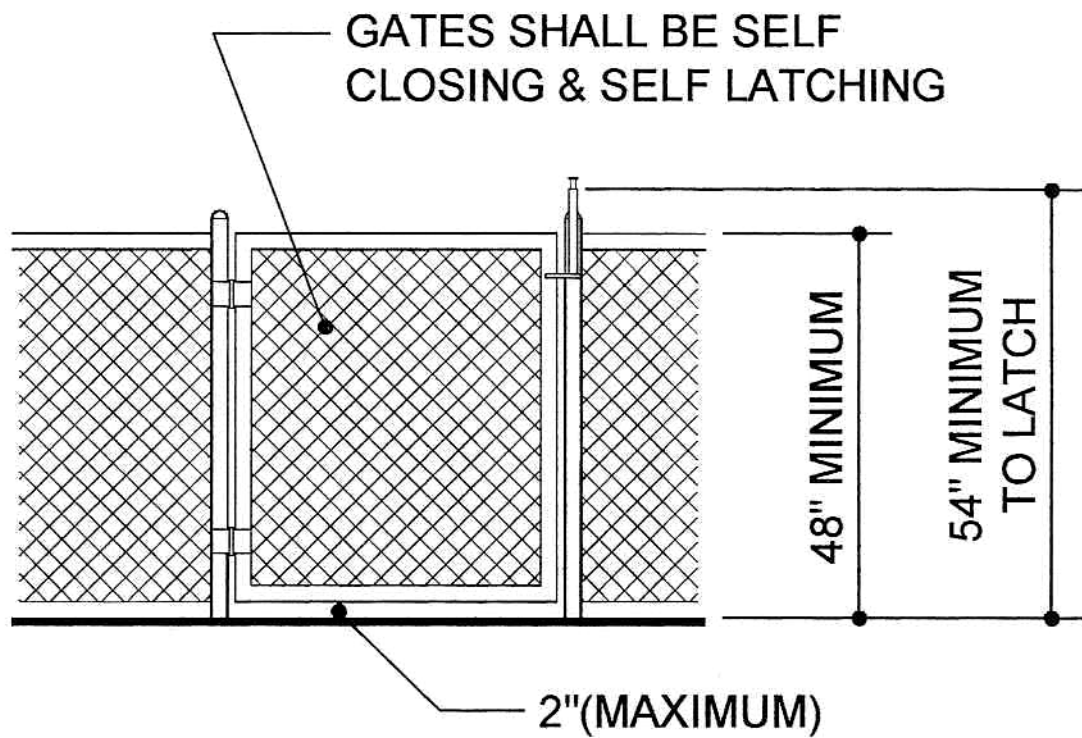
Exception: Hot tubs and portable spas shall be exempt from this requirement.

(Amd) **AG106.2 Suction Fittings.** Designed and installed with suction outlets shall be that conforms with ANSI/APSP-7.



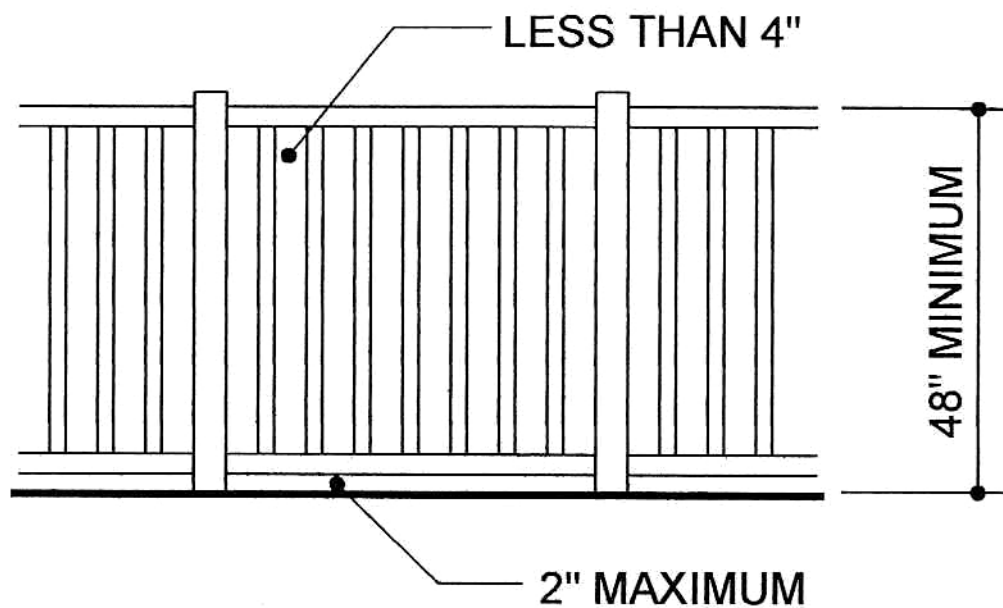
ELEVATION

OUTSIDE OF THE POOL ENCLOSURE

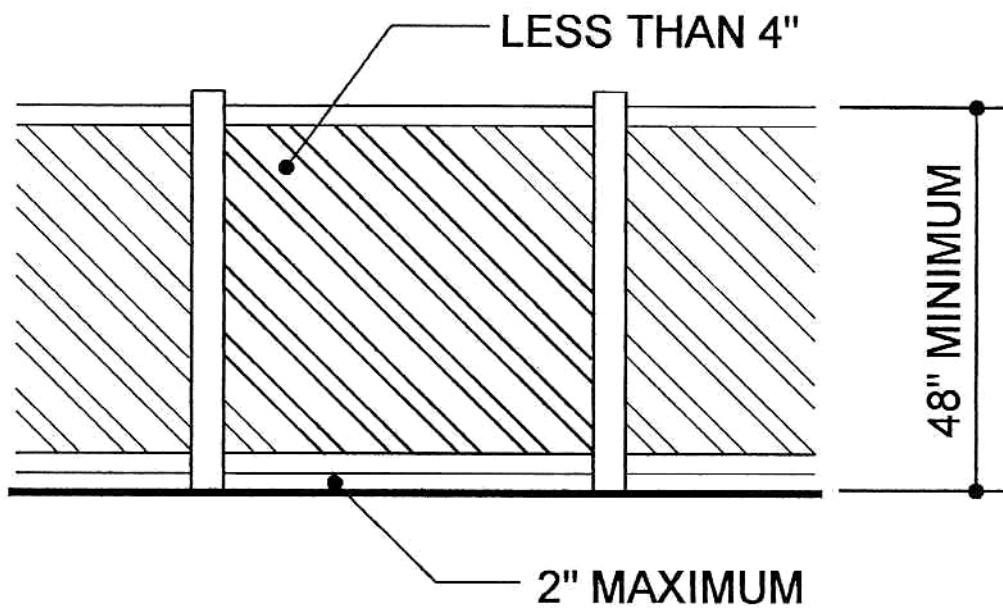


ELEVATION

PEDESTRIAN ACCESS GATE

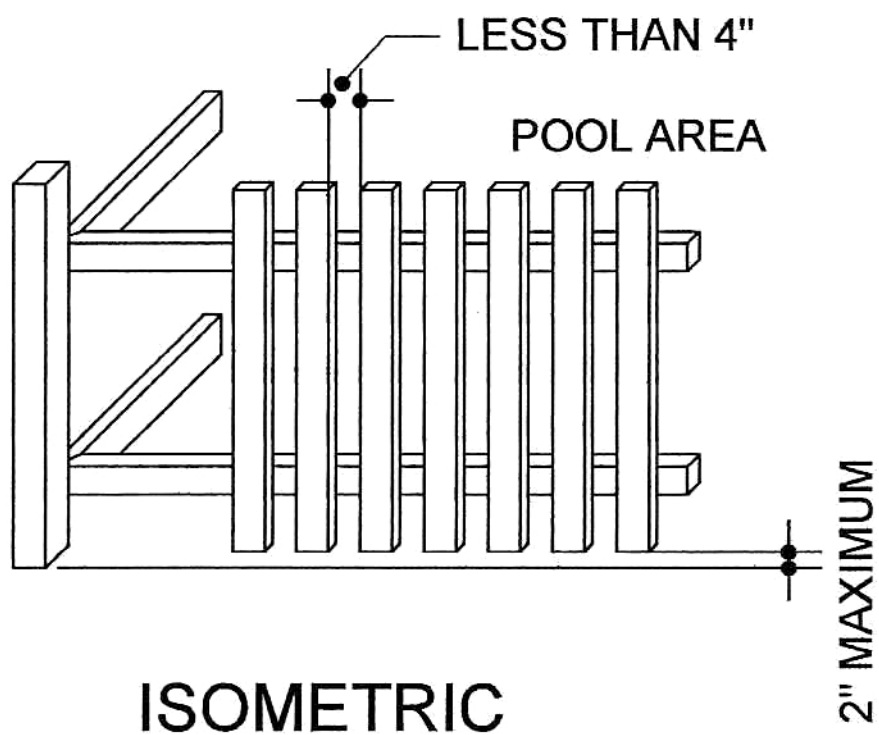
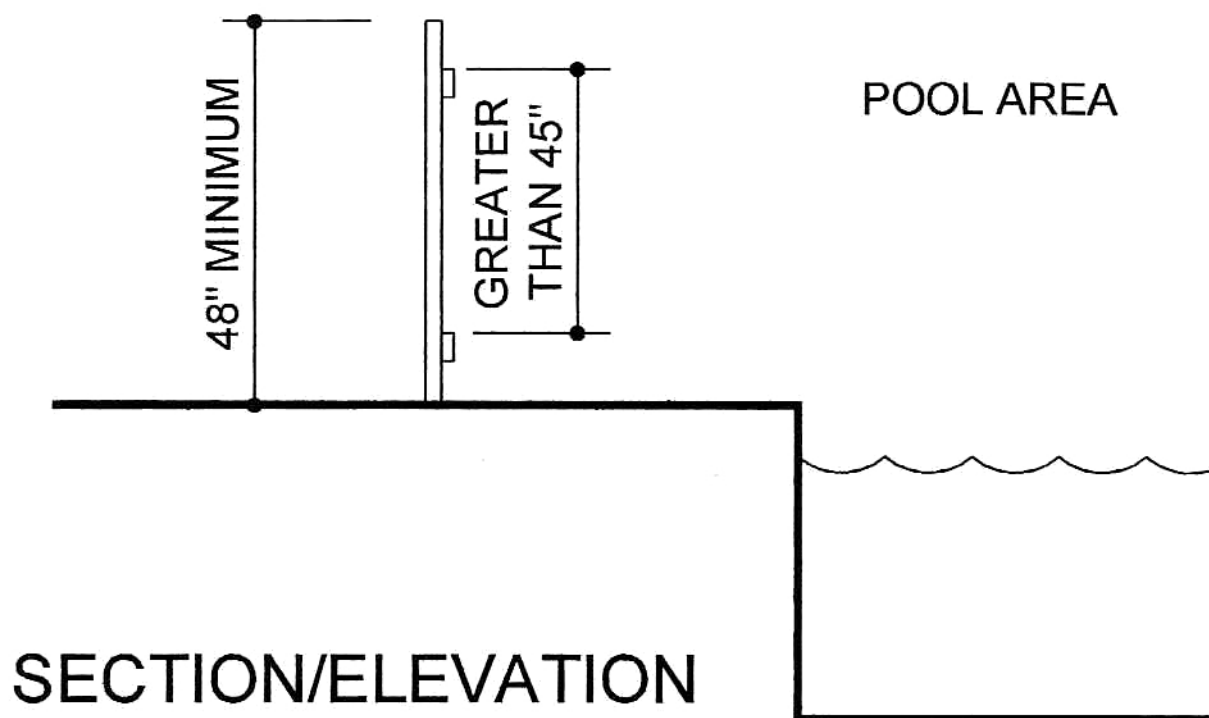


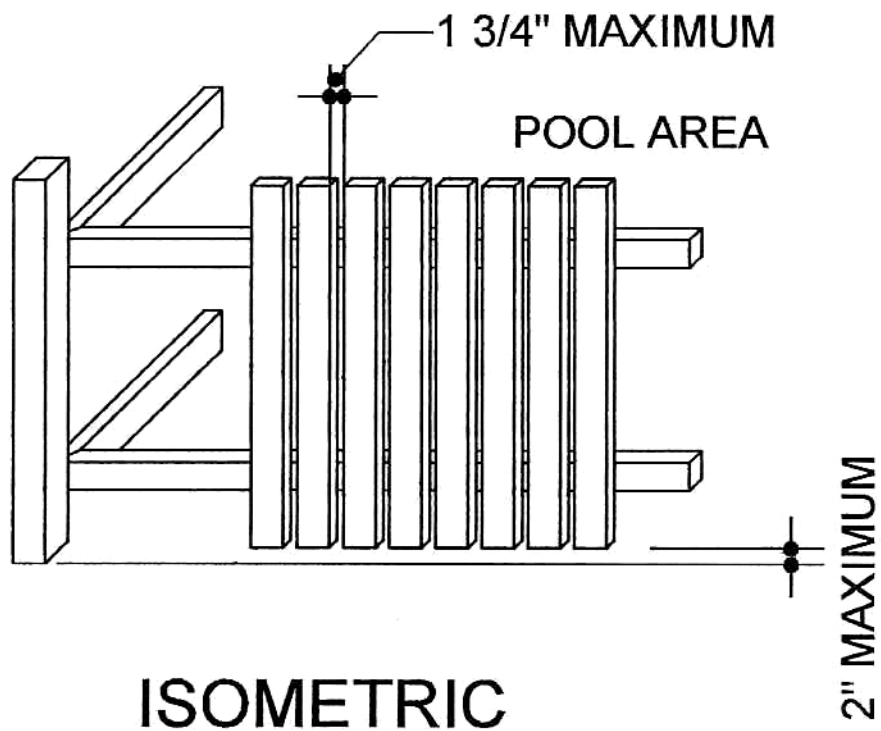
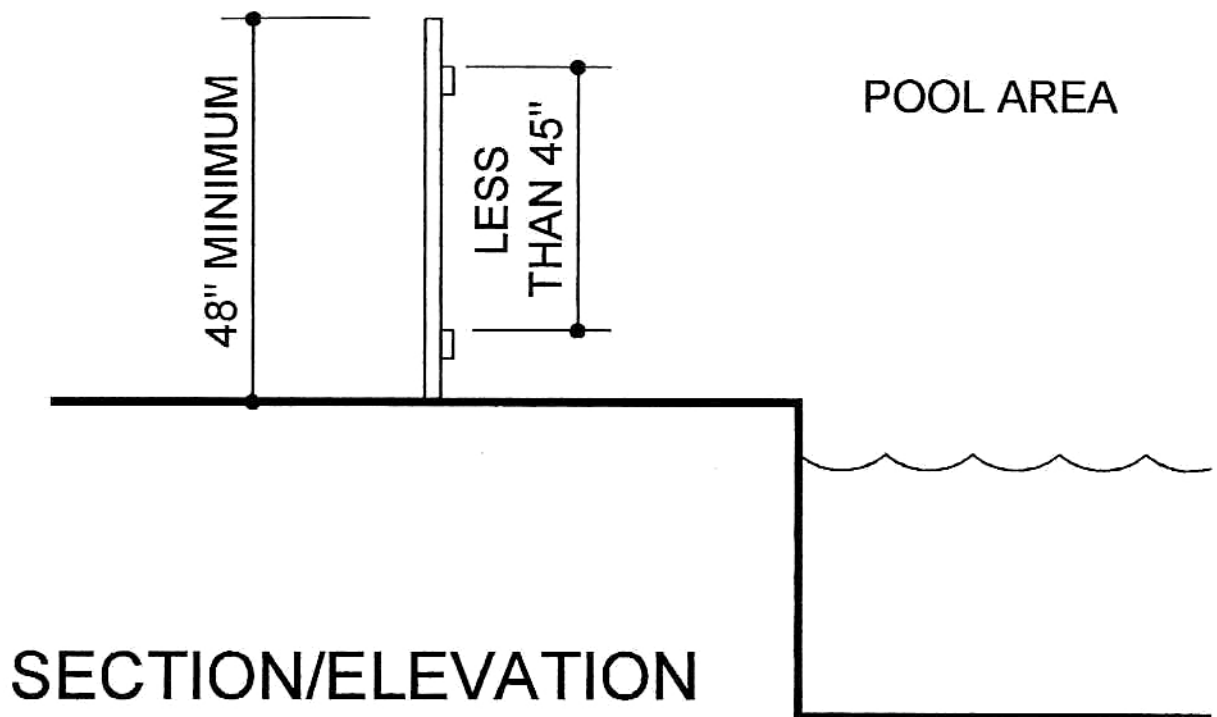
ELEVATION

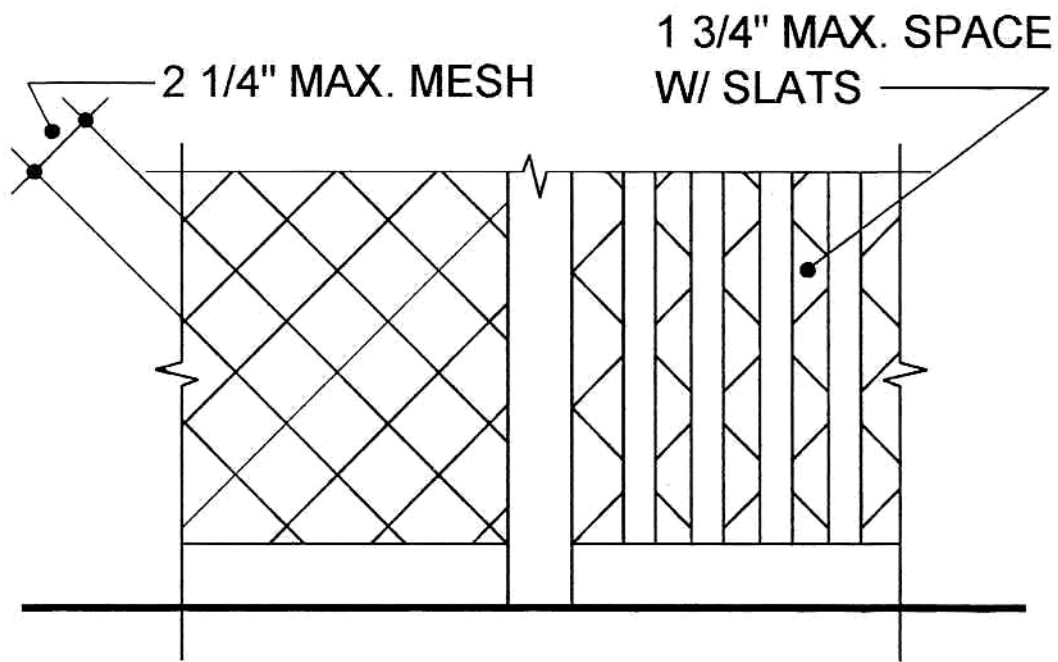


ELEVATION

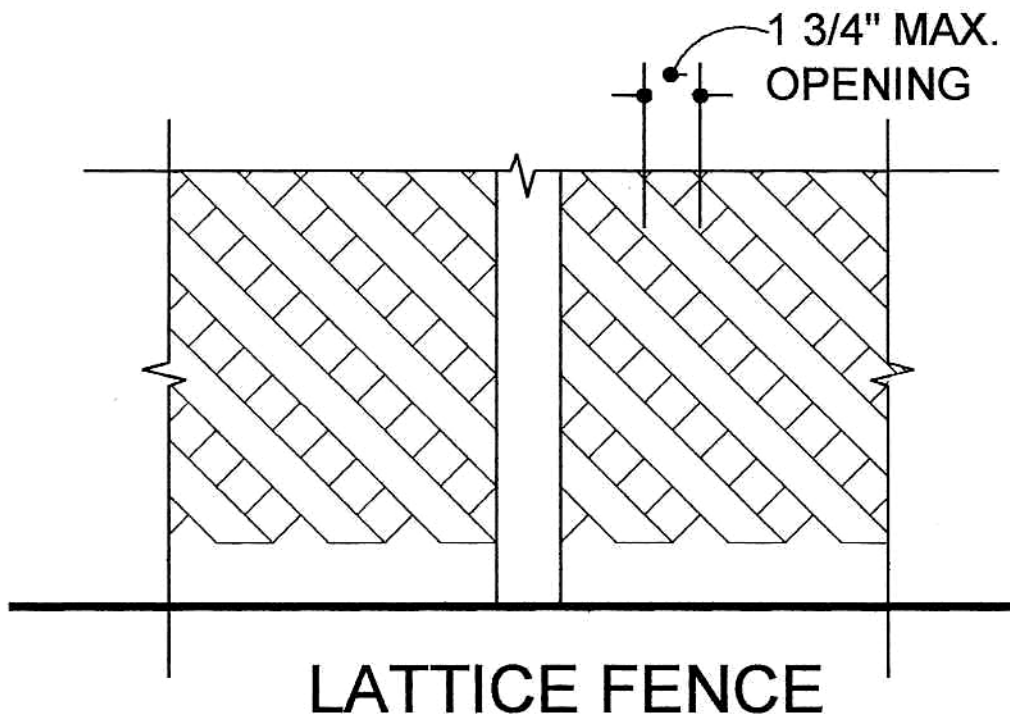
SECTION AG105.2, ITEM 2



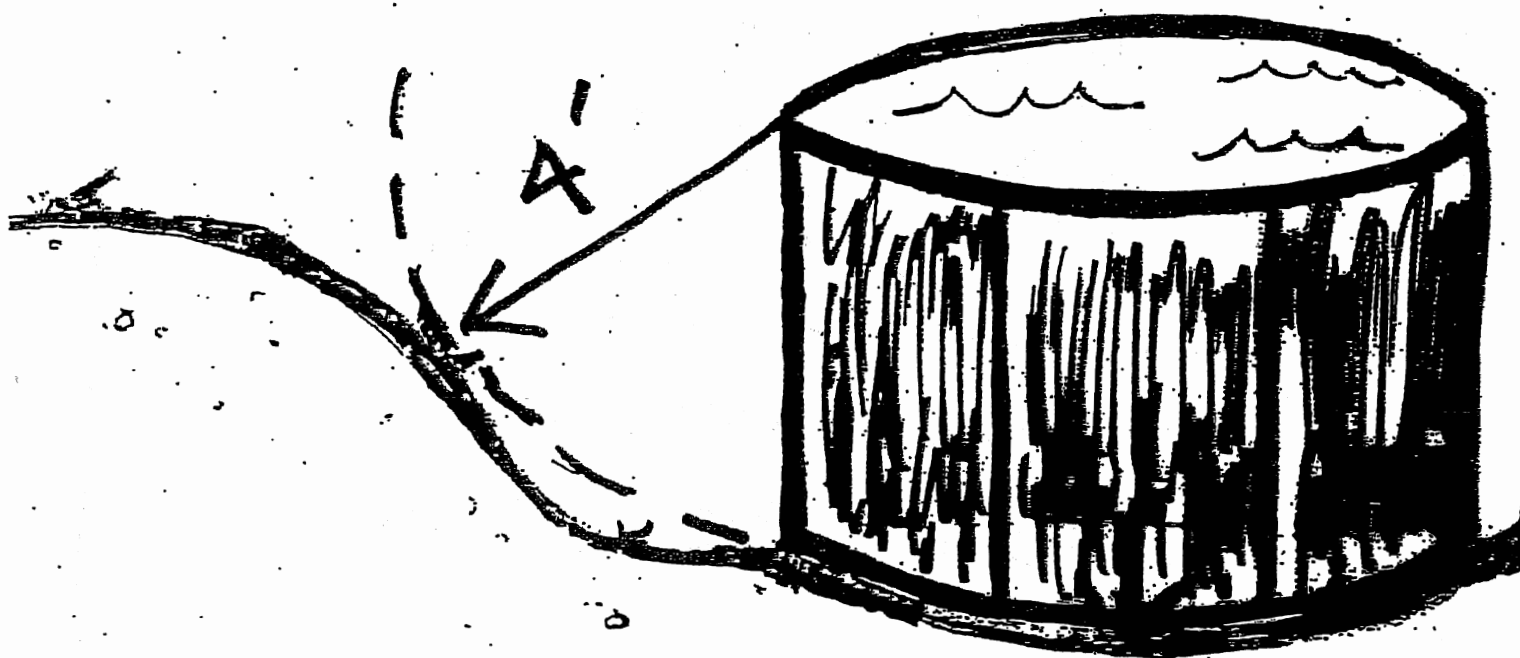




CHAIN LINK FENCE
SECTION AG105.2, ITEM 6



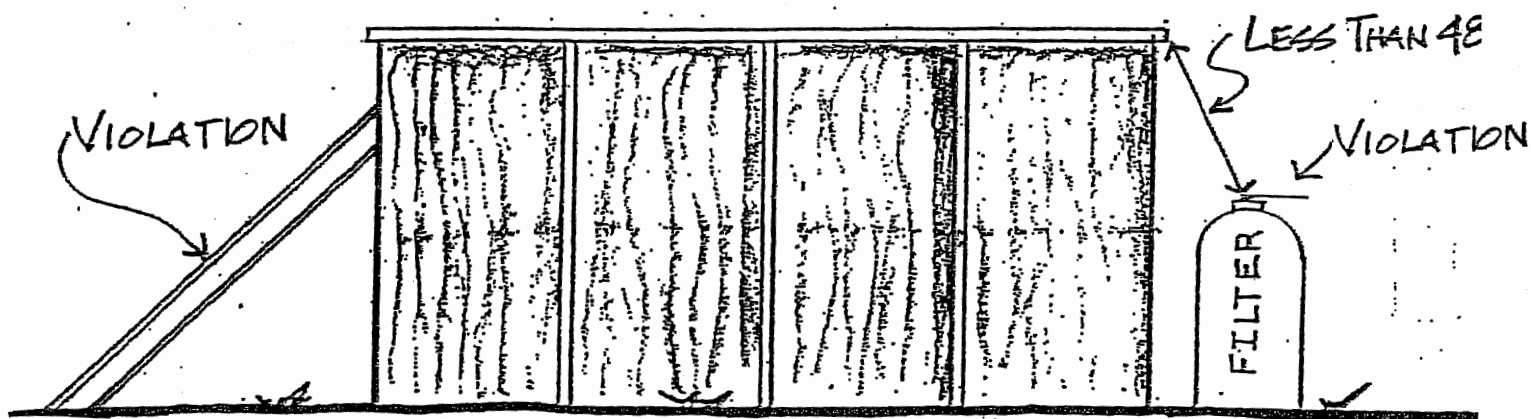
LATTICE FENCE



ELEVATION

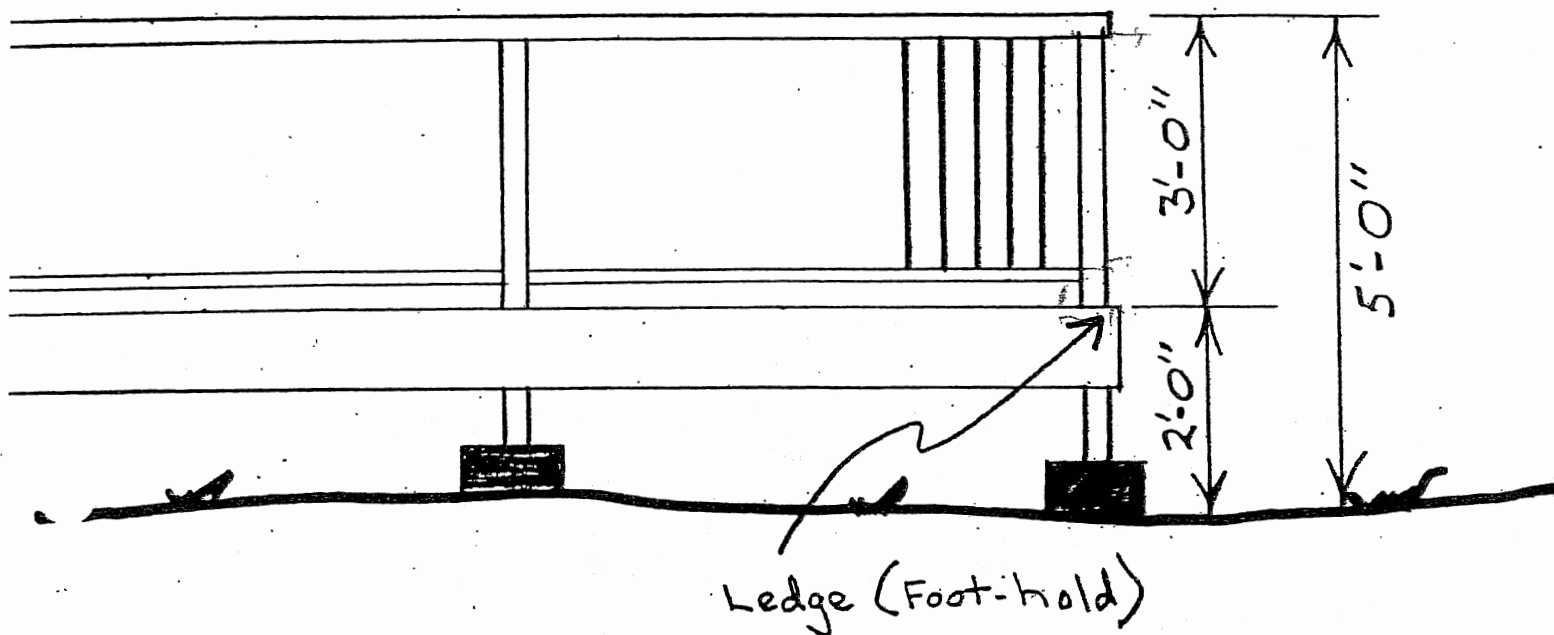
ACCEPTABLE SWIMMING POOL BARRIER. PROVIDED THE ABOVE GROUND SWIMMING POOL IS A MINIMUM 4 FEET ABOVE THE GROUND. REMOVE ANY GROUND WITHIN A 4 FOOT RADIUS.

ABOVE GROUND SWIMMING POOL



ELEVATION

→ POOL AREA →



ELEVATION

NOT AN ACCEPTABLE BARRIER. THE DECK, WHEN FRAMED IN THIS MANNER, PROVIDES A LEDGE (FOOTHOLD) ON THE OUTSIDE OF THE BARRIER. IN THESE SITUATIONS, THE CODE COMPLIANT BARRIER VERTICAL DIMENSION SHOULD BE MEASURED FROM THE TOP OF THE DECK TO THE TOP OF THE RAILING.

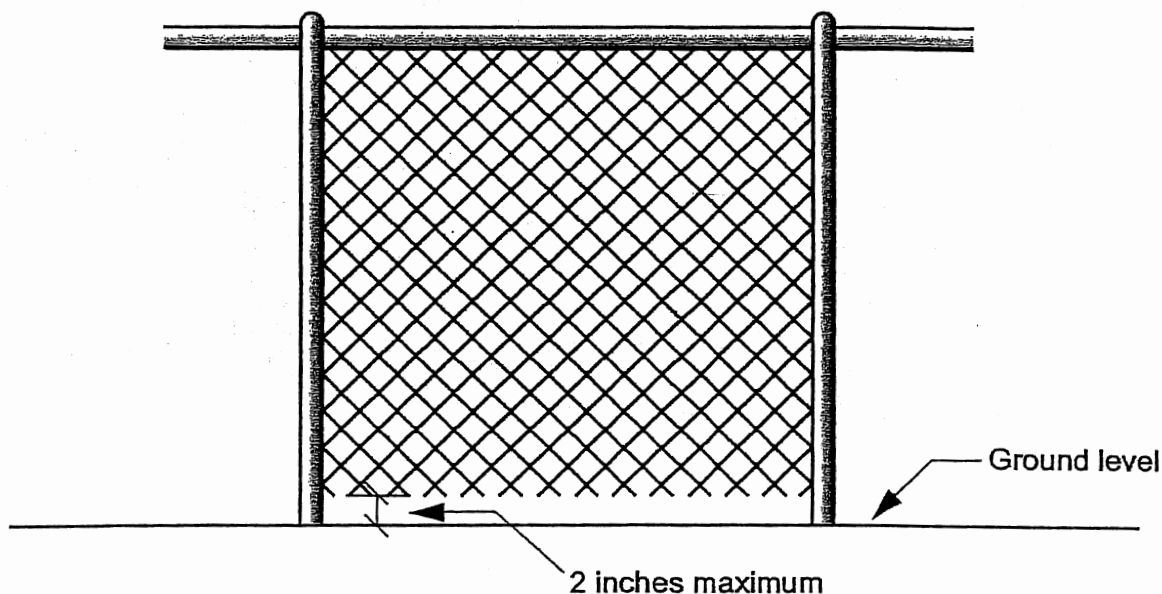
Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool: 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.

1. The top of the barrier shall be at least 48 inches (1219 mm) above finished ground level measured on the side of the barrier which faces away from the swimming pool. **The maximum vertical clearance between finished ground level and the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. (See drawing below.)** Where the top of the pool structure is above finished ground level, such as an above-ground pool, the barrier shall be at finished ground level, such as the pool structure, or shall be mounted on top of the pool structure. Where the barrier is mounted on the pool structure, the opening between the top surface of the pool frame and the bottom of the barrier shall not allow passage of a 4 inch (102 mm) diameter sphere.

ELEVATION
Outside of the pool enclosure



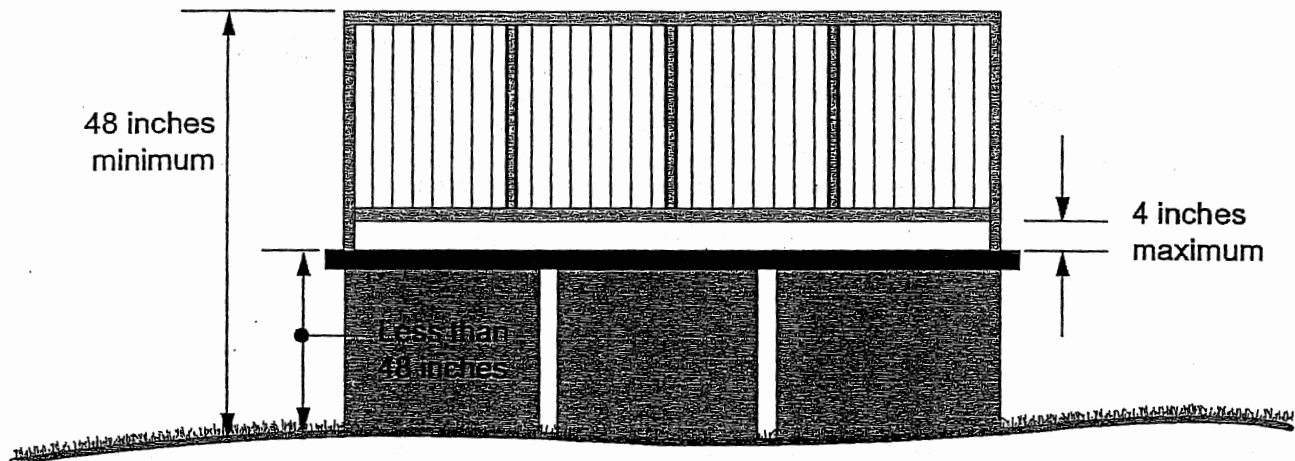
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ELEVATION
Above ground pool



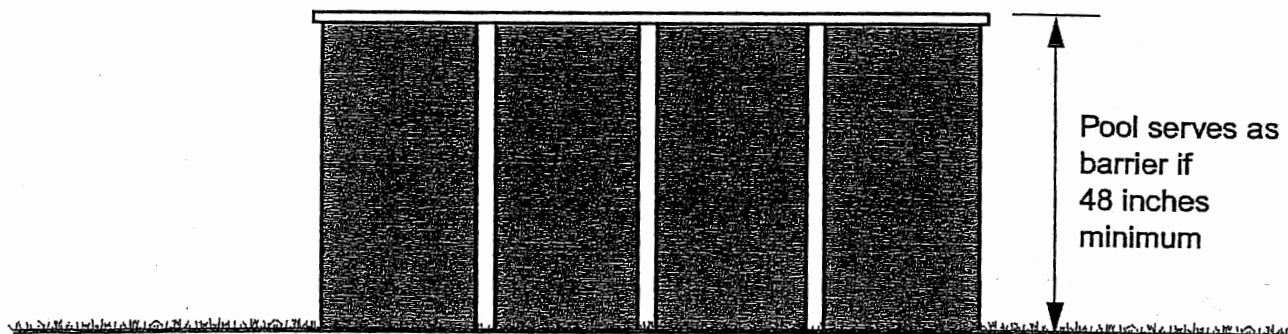
Swimming Pool Enclosure Code Requirements

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1. The top of the barrier shall be at least 48 inches (1219 mm) above finished ground level measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between finished ground level and the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. **Where the top of the pool structure is above finished ground level, such as an above-ground pool, the barrier shall be at finished ground level, such as the pool structure, or shall be mounted on top of the pool structure. (See drawing below.)** Where the barrier is mounted on the pool structure, the opening between the top surface of the pool frame and the bottom of the barrier shall not allow passage of a 4 inch (102 mm) diameter sphere.

ELEVATION
Above ground pool



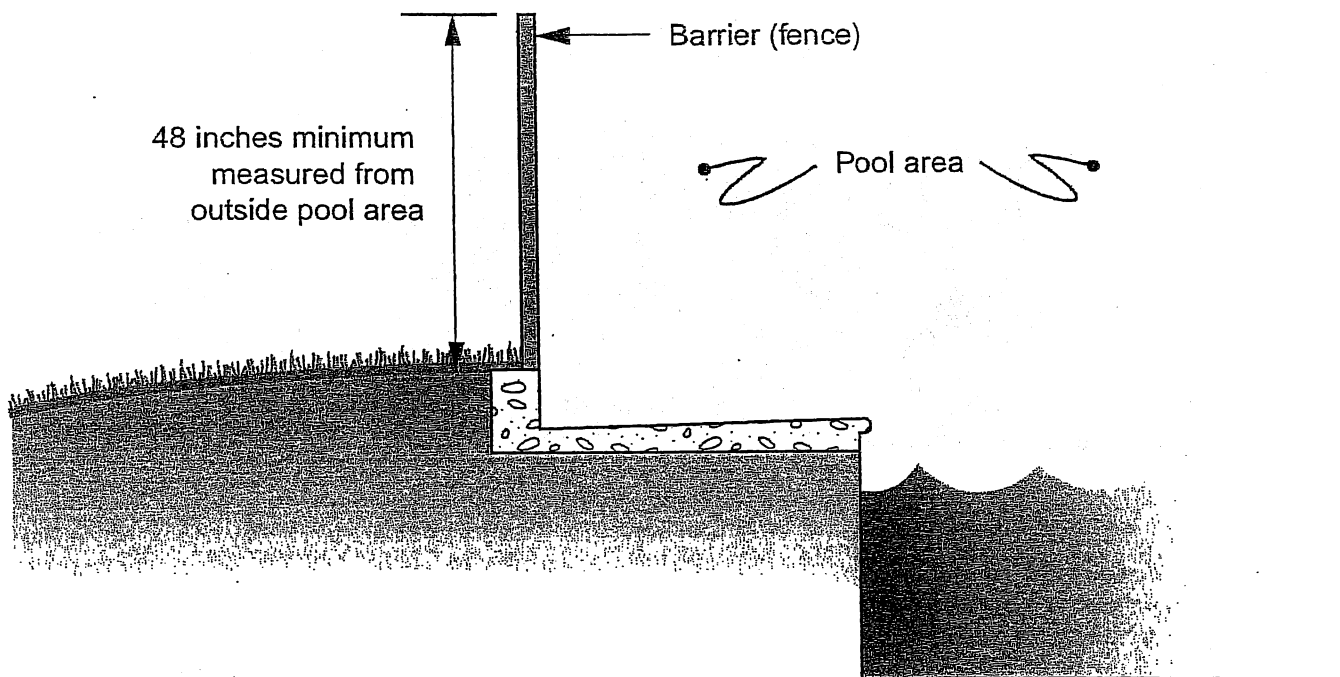
Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool: 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.

1. The top of the barrier shall be at least 48 inches (1219 mm) above finished ground level measured on the side of the barrier which faces away from the swimming pool. (See drawing below.) The maximum vertical clearance between finished ground level and the barrier shall be 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above finished ground level, such as an above-ground pool, the barrier shall be at finished ground level, such as the pool structure, or shall be mounted on top of the pool structure. Where the barrier is mounted on the pool structure, the opening between the top surface of the pool frame and the bottom of the barrier shall not allow passage of a 4 inch (102 mm) diameter sphere.

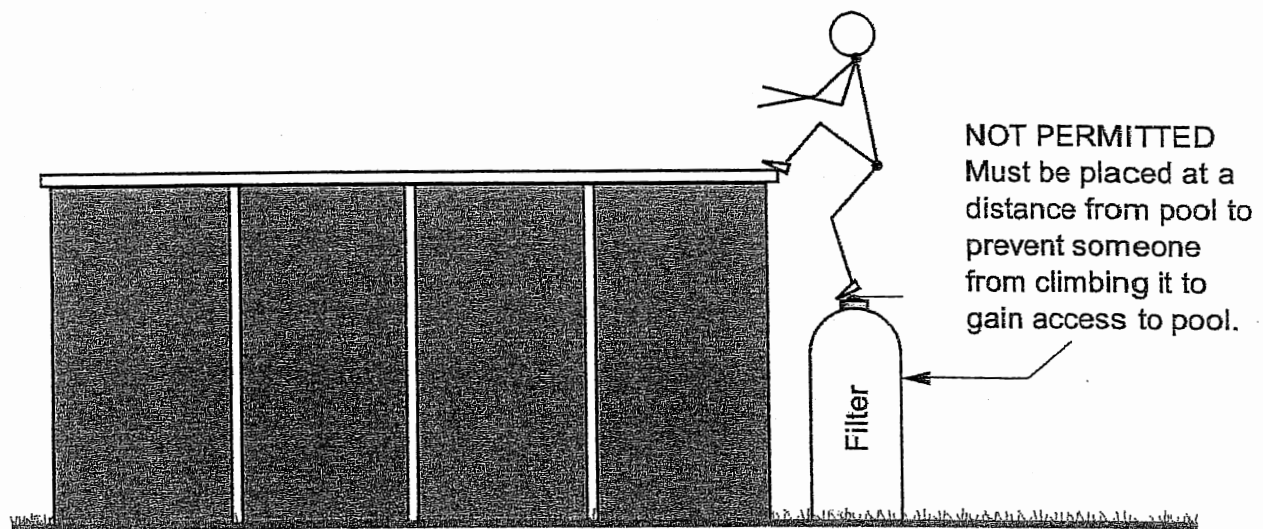
CROSS SECTION



Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Prohibited locations: Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.



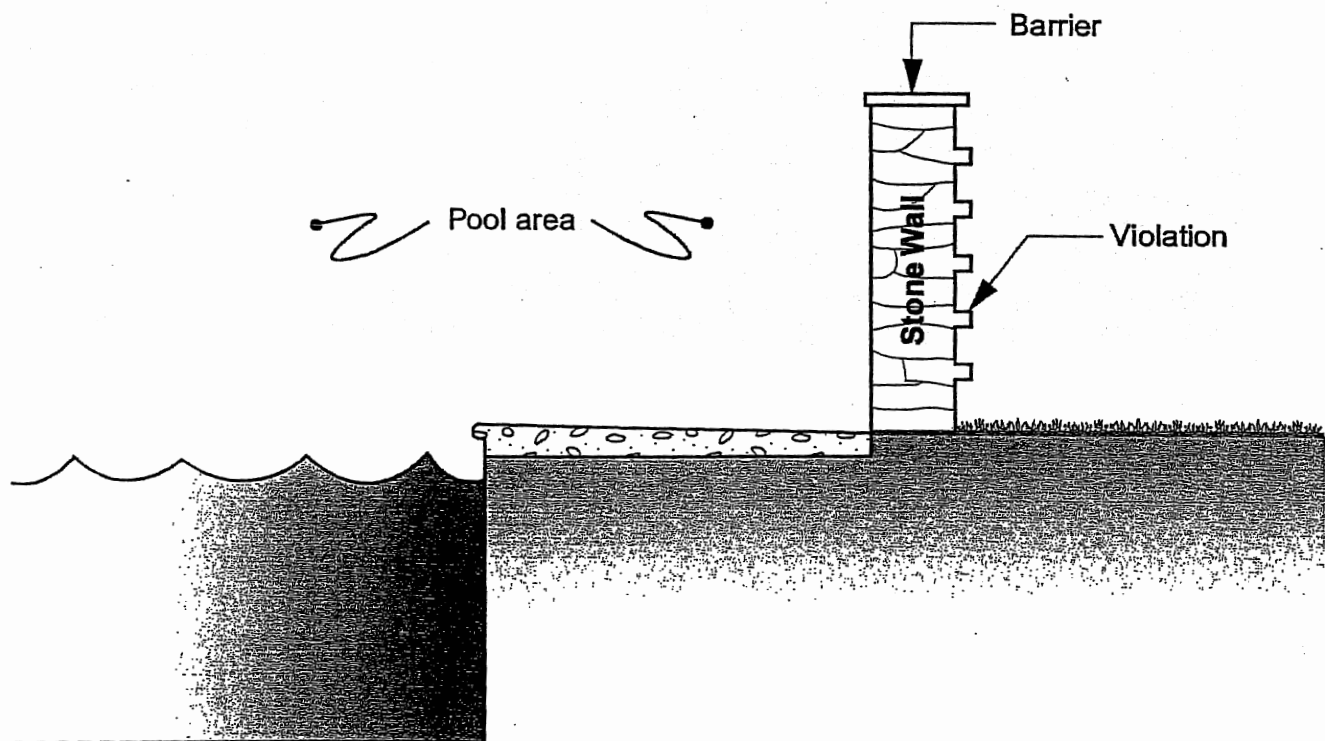
Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

3. Solid barriers shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry *joints*.

ELEVATION



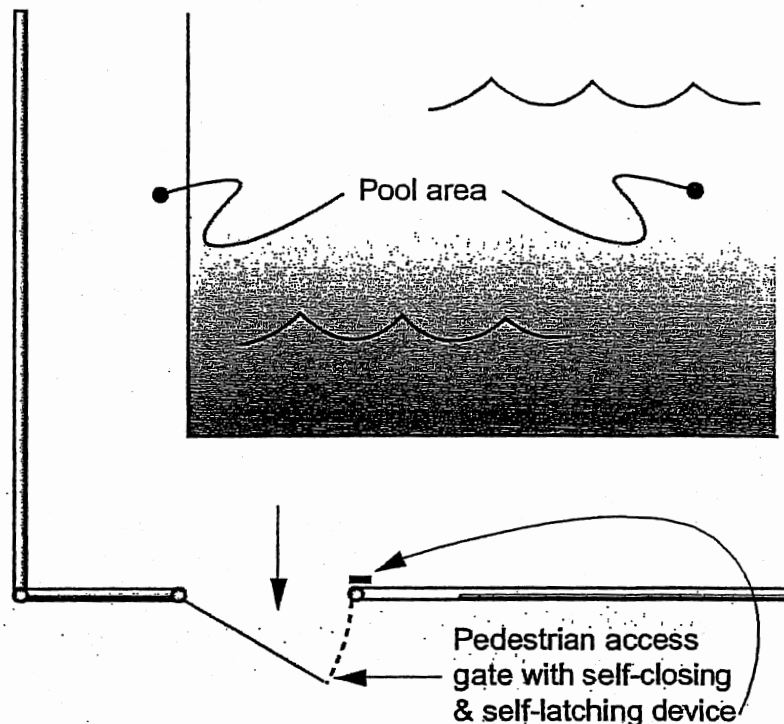
Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

8. **Access gates shall comply with the requirements of items 1 through 7 of Section 421.10.1, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be self-closing and have a self-latching device. (See drawing below.)** Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate: (a) the release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and (b) the gate and barrier shall not have an opening greater than 1/2 inch (13 mm) within 18 inches (457 mm) of the release mechanism.

SITE PLAN



Swimming Pool Enclosure Code Requirements

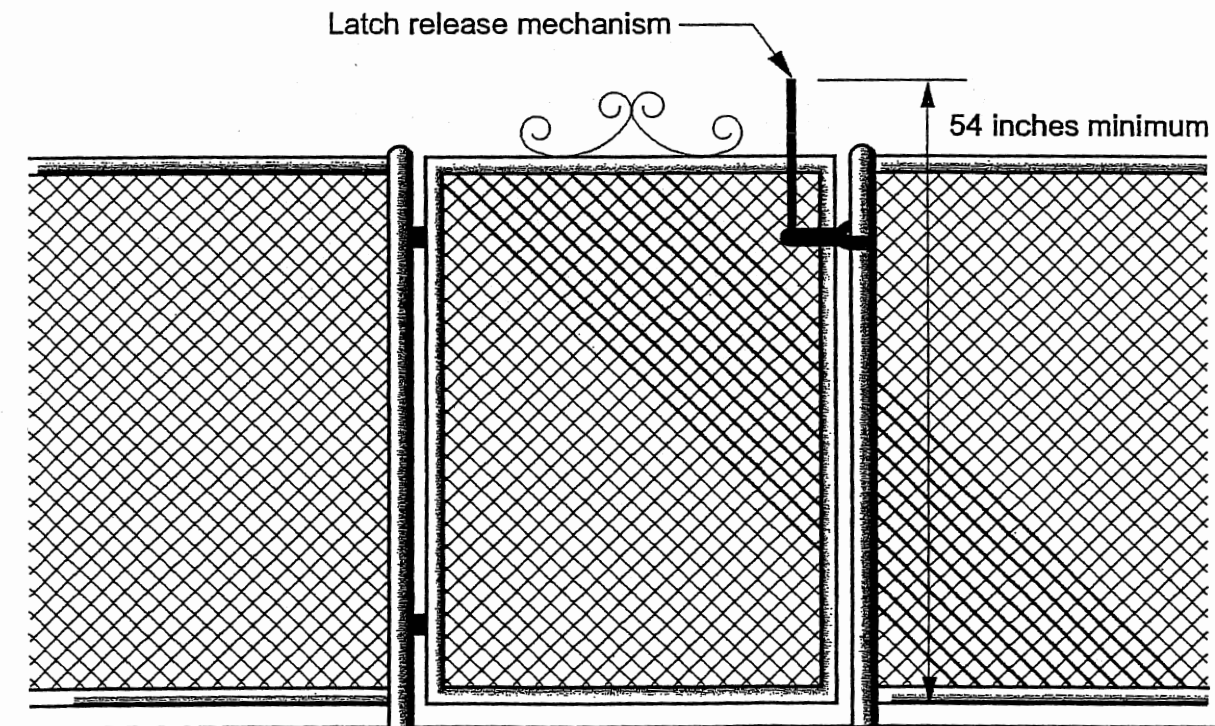
OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

8. Access gates shall comply with the requirements of items 1 through 7 of Section 421.10.1, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. (See drawing below.) Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate: (a) the release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and (b) the gate and barrier shall not have an opening greater than 1/2 inch (13 mm) within 18 inches (457 mm) of the release mechanism.

ELEVATION

**Access gate or pedestrian access gate
inside or outside pool area**



Swimming Pool Enclosure Code Requirements

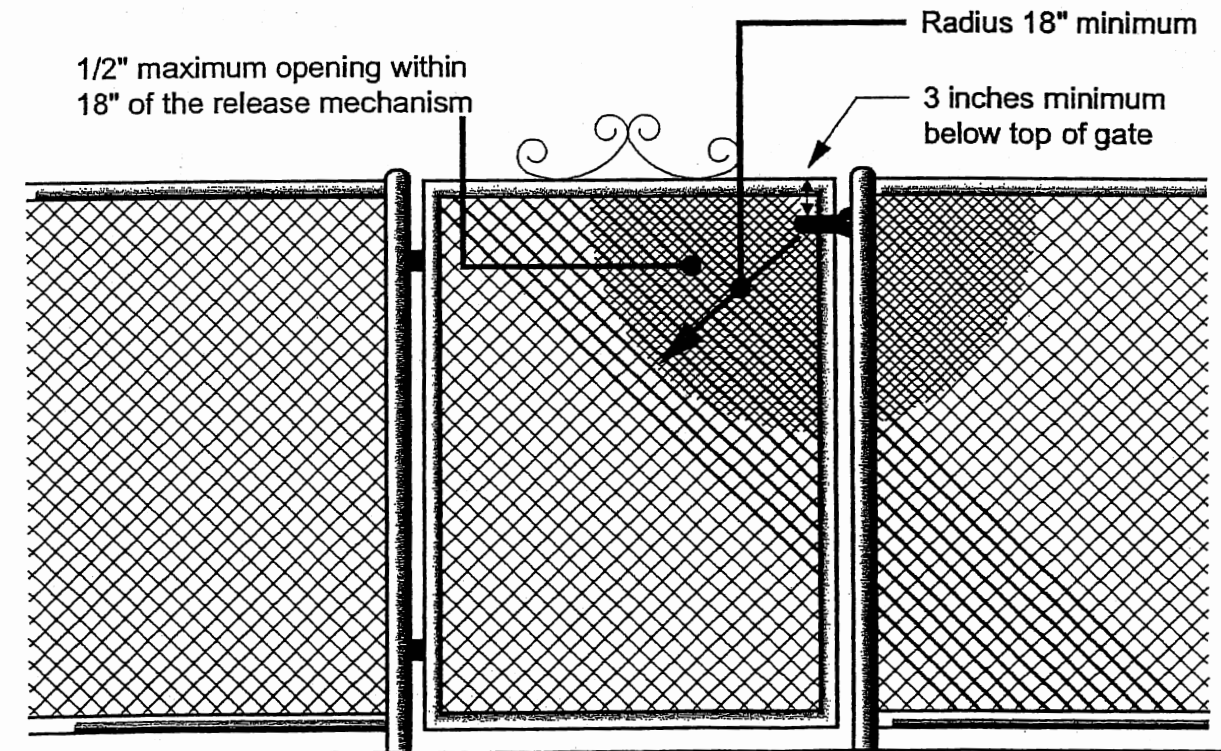
OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

8. Access gates shall comply with the requirements of items 1 through 7 of Section 421.10.1, and shall be equipped to accommodate a locking device. Pedestrian access gates shall open outwards away from the pool and shall be self-closing and have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. **Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate:** (a) the release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and (b) the gate and barrier shall not have an opening greater than 1/2 inch (13 mm) within 18 inches (457 mm) of the release mechanism. (See drawing below.)

ELEVATION

Access gate or pedestrian access gate
Inside pool area **ONLY**



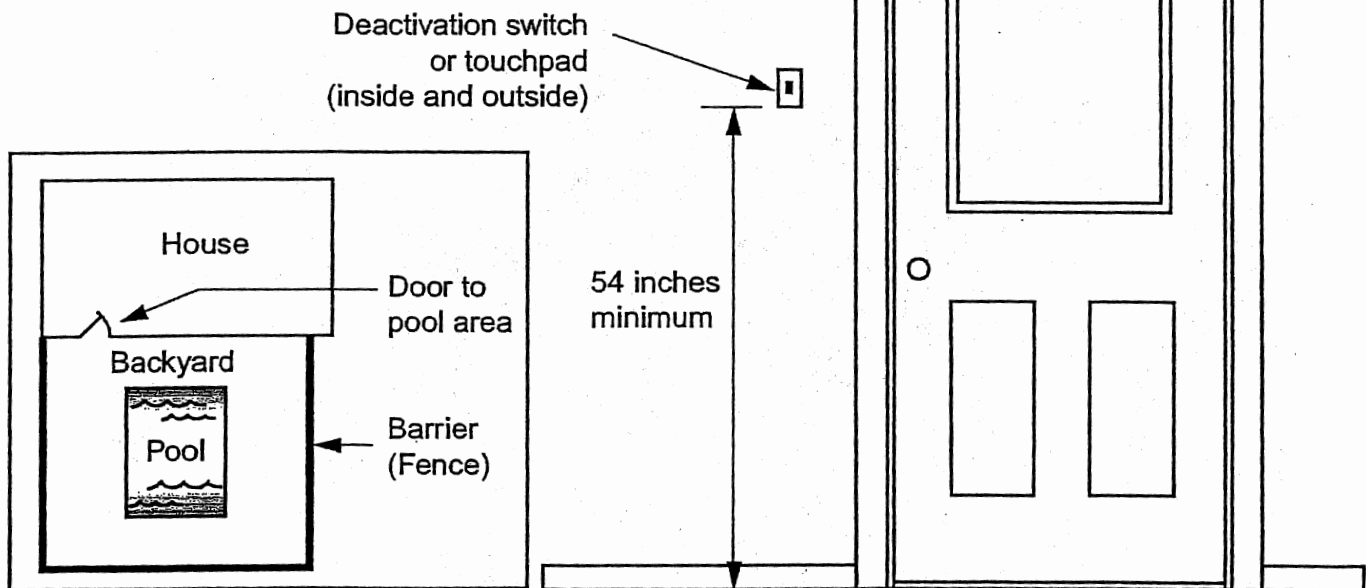
Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

9. Where a wall of a dwelling unit serves as part of the barrier and contains a door that provides direct access to the pool, one of the following shall apply (must comply with either 9.1, 9.2, or 9.3):

9.1 All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and its screen, if present, are opened. The audible warning shall commence not more than 7 seconds after the door and door screen, if present, are opened and shall sound continuously for a minimum of 30 seconds. The alarm shall have a minimum sound pressure rating of 85 dBA at 10 feet (3048 mm) and the sound of the alarm shall be distinctive from other household sounds such as smoke alarms, telephones and door bells. The alarm shall automatically reset under all conditions. The alarm shall be equipped with manual means, such as touchpads or switches, to deactivate temporarily the alarm for a single opening from either direction. Such deactivation shall last for not more than 15 seconds. The deactivation touchpads or switches shall be located at least 54 inches (1372 mm) above the threshold of the door.



Swimming Pool Enclosure Code Requirements

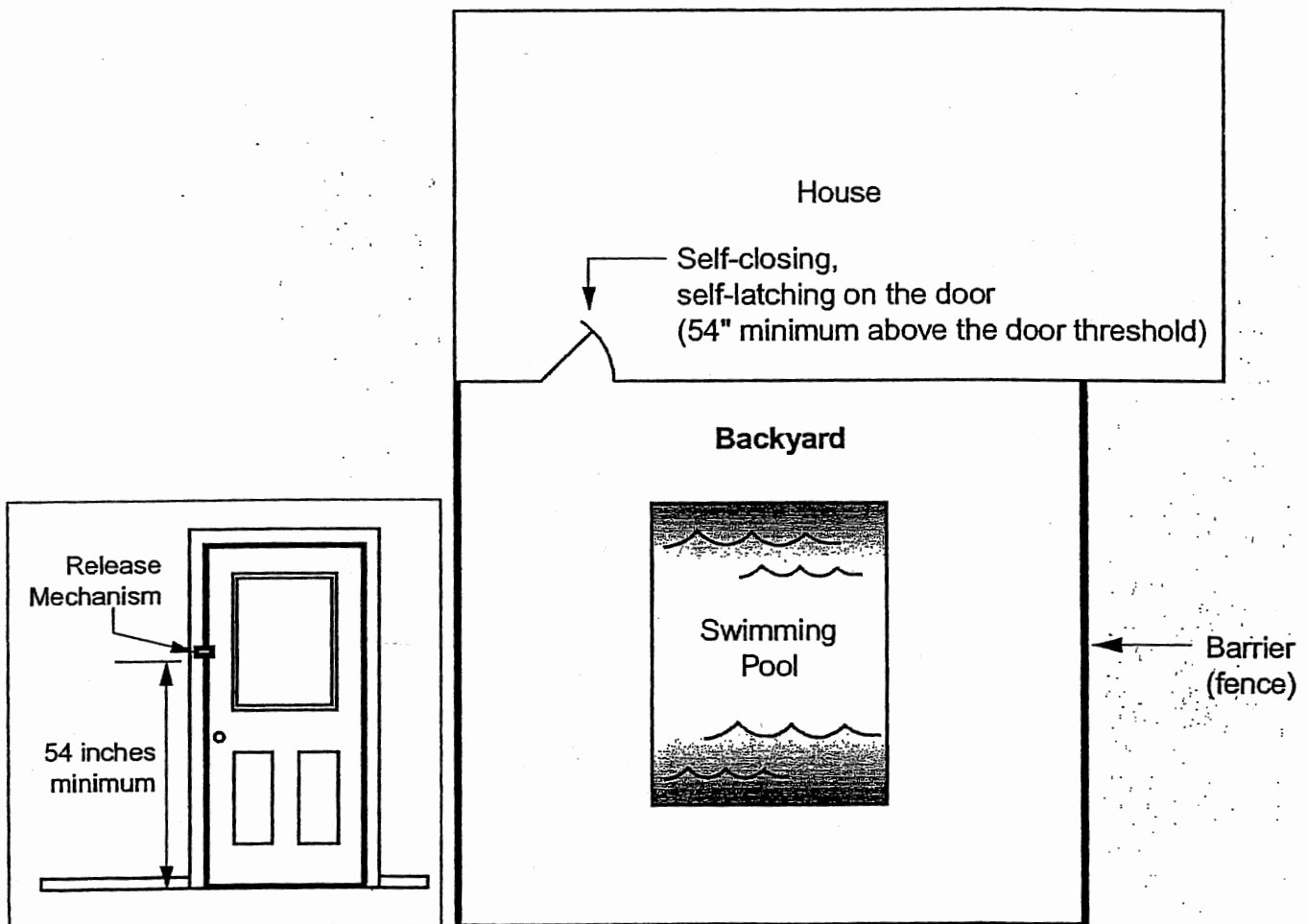
OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

9. (Continued) Where a wall of a dwelling unit serves as part of the barrier and contains a door that provides direct access to the pool, one of the following shall apply:

9.2 All doors with direct access to the pool through that wall shall be equipped with a self-closing and self-latching device with the release mechanism located a minimum of 54 inches (1372 mm) above the floor. Swinging doors shall open away from the pool area.

SITE PLAN



Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

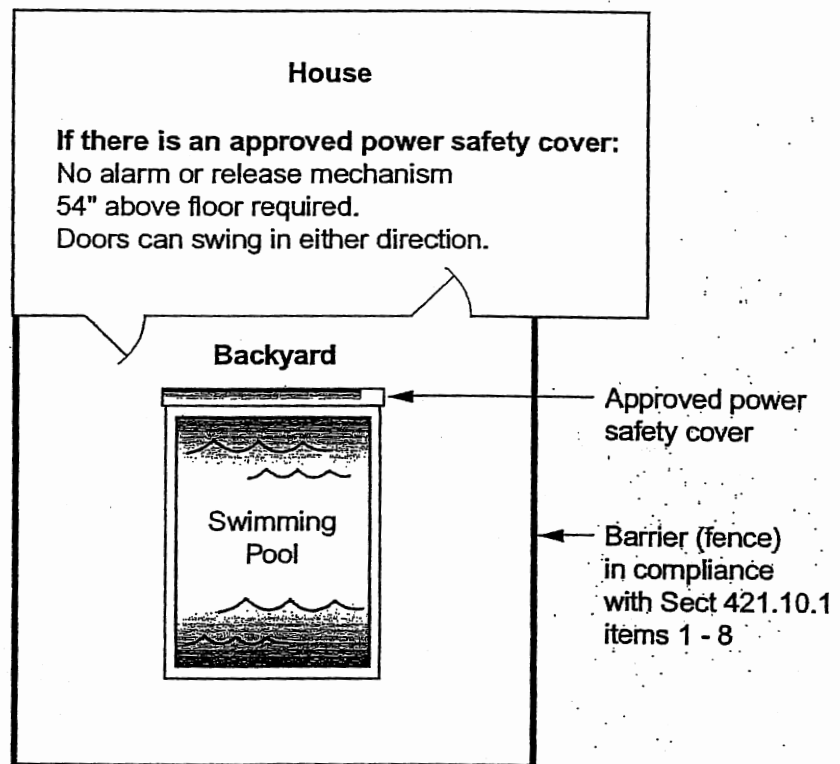
9. Where a wall of a dwelling unit serves as part of the barrier and contains a door that provides direct access to the pool, one of the following shall apply:

9.3 The pool shall be equipped with a power safety cover. Where in a closed position, the cover shall be capable of holding a weight of 485 pounds (2157 N), shall not have any openings that allow passage of a 4 1/2 inch (114 mm) sphere and shall incorporate a system to drain standing water that collects on the cover. The cover control switch shall be permanently installed in accordance with NFPA 70 listed in chapter 35, and be key-operated and of a spring-loaded or momentary-contact type. Where the switch is released, the operation of the cover shall stop instantly and be capable of reversing direction immediately. The switch shall be in the line of sight of the complete pool cover.

SITE PLAN

Note:

Providing an approved safety cover **DOES NOT** eliminate the requirement to provide the safety barrier (fence). It only eliminates the requirement to alarm or provide a release mechanism 54" above the floor on doors that open into the pool area.



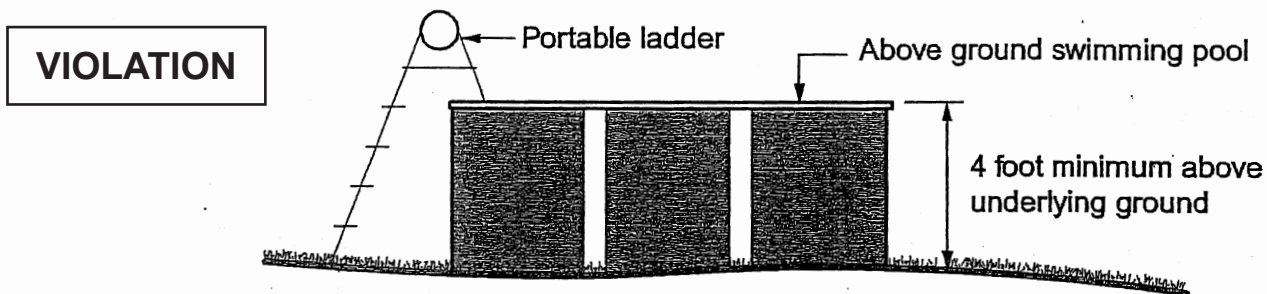
Swimming Pool Enclosure Code Requirements

OUTDOOR PRIVATE SWIMMING POOL

Outdoor private swimming pool (continued): 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.

10. 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 fixed or removable ladder or steps, the ladder or steps shall be surrounded by a barrier which meets the requirements of items 1 through 9 of section 421.10.1. A removable ladder shall not constitute an acceptable alternative to enclosure requirements.

ELEVATION



SITE PLAN

