Guide to Swimming Pools

Village of Medina
Building Department
600 Main Street
Medina, NY 14103
585-798-0770

Permit Requirements:

Permits are required for all permanent and temporary pools, spas and hot tubs having a depth of 24 Inches or more These must meet the requirements of the NYS Residential Code. To obtain a permit for a new or replacement pool, the following information is required to be submitted to the Village of Medina Code Enforcement Officer for approval.

- Pool permit application
- Pool alarm is required
- Barrier(fence) is required for any pool that can hold at least 24 inches of water. Barrier must be at least 48 inches high.
- Hot tubs and spas require a hard cover in place when the unit is not being used.
- All ladders, steps and pool gates must be locked to prevent access when the pool is left unattended for any period of time.
- Electrical Inspection performed by a third party.
- The State of NY requires the Village to have on file a current certificate of insurance for workers compensation and general liability for any contractors, before a permit will be issued.
- All pool decks also require a building permit.
- A map of the location of the pool, spa or hot tub.
- Pools must be located at least 5 feet from any property line, rear or side yards only, and at least 10 feet from a structure.
- **Pools shall be located at least 10 feet horizontally from overhead electrical power lines.**
- Pool, Spa, or Hot Tub fee of $40.00
- A final inspection must be performed by the Building Inspector before the pool, spa, or hot tub may be used.

PERMANENTLY INSTALLED SWIMMING POOLS

2017 National Electrical Code Requirements

NEW YORK ELECTRICAL INSPECTION AGENCY

585.436.4460 www.NYEIA.com

PERMANENTLY INSTALLED SWIMMING POOLS ARE THOSE THAT ARE CONSTRUCTED IN THE GROUND OR PARTIALLY IN THE GROUND, AND ALL OTHERS CAPABLE OF HOLDING WATER WITH A DEPTH GREATER THAN 42 INCHES (1067 MM)

1) **Pool Pump Receptacle (Outlet) and Wiring Method**
   - a. Swimming pool pump motor receptacle must be located at least 6' from the inside pool wall, must be grounded, and Ground Fault Circuit Interrupter (GFCI) protected.
   - b. Receptacle must have an extra-duty, in-use, weatherproof cover that can be closed when the cord is plugged in.
   - c. Depending on the horsepower of the pump motor, the circuit line for the pump motor may need to be a continuous line going directly to the panel box, and isolated from all other receptacles and loads. (see NEC Table 430.248)
   - d. Grounding Conductor (ground wire) for the pump motor cannot be less than #12 AWG insulated copper grounded wire, and must be in conduit. (Exception: When entering a building the wire can change to NM) (Cannot use NM wire in conduit).
   - e. Conduit
     - i. PVC – All PVC conduit* must be buried at least 18" deep (12" if GFCI protected prior to entering the ground).
     - ii. Metal – All Rigid Metal Conduit* must be at least 6" deep.

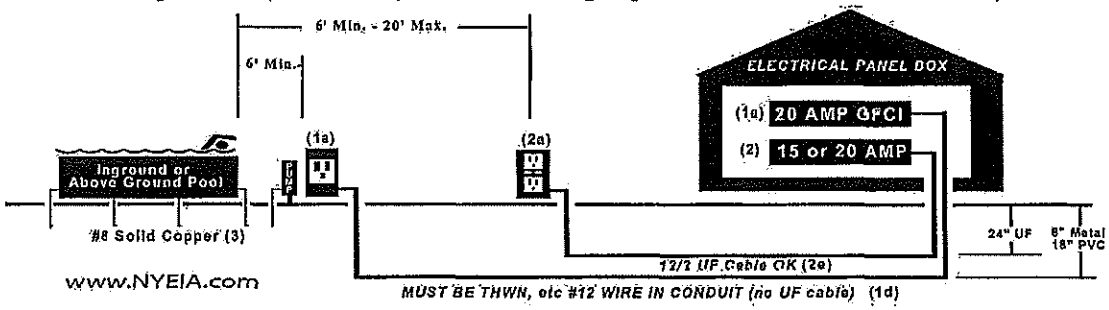
     * Wires used in conduit must be single strand wires (ex: THWN, etc - NO NM or UF CABLE in Conduit).

2) **Convenience Receptacle (Outlet) and Wiring Method**
   - a. At least one (1) 15- or 20-ampere convenience receptacle must be located no closer than 6' and no further than 20' from the inside pool wall (Can be existing and/or wired with any approved wiring method). This receptacle cannot be located more than 6 1/2' above the grade level, deck, or platform serving the swimming pool.
   - b. Convenience receptacle must be Ground Fault Circuit Interrupter (GFCI) protected, Tamper Resistant (TR), and Weather Resistant (WR) type receptacle.
   - c. Must have an extra-duty, in-use, weatherproof cover that can be closed when in use (for all wet locations).
   - d. May need to be separate from the pool pump receptacle wiring.
   - e. Wiring
     - i. UF cable if buried must be at least 24" deep (12" if GFCI protected prior to entering the ground).
     - ii. PVC – All PVC conduits* must be buried at least 18" deep (12" if GFCI protected prior to entering the ground).
     - iii. Metal – All Rigid Metal Conduits* must be at least 6" deep

     * Wires used in conduit must be single strand wires (ex: THWN, etc. - NO NM or UF CABLE in Conduit).

3) **Bonding The Pool**
   - a. All metal parts must be bonded together using a #8 (or larger) solid copper wire.
   - b. Must use non-corrosive clamps that are listed for direct burial use.
   - c. Conductive pool shells must be bonded in a minimum of four (4) equal points uniformly spaced around the pool
   - d. Nonconductive pool shells must have a #8 (or larger) solid, bare copper wire 18"-24" from the inside pool wall under the perimeter surface 4"-6" below the final grade.
   - e. A minimum of nine (9) square inches of corrosion resistant metal must be in the water to bond the water.

4) **Other**
   - a. Building Permits are required. Secure a Building Permit from your municipality prior to beginning work.
   - b. Pool Alarms are required. (Check with your local Building Department for additional information).
   - c. Pool Pump Timers: (Check with your local Building Department for additional information).



PLEASE CONTACT YOUR LOCAL INSPECTOR IF YOU HAVE ANY QUESTIONS

NEW YORK ELECTRICAL INSPECTION AGENCY
Fritz Gunther – Chief Electrical Inspector
2767 Dewey Avenue * Rochester, New York 14616 ~ (585) 436-4460 * www.*NYEIA*.com

STORABLE SWIMMING POOLS, SPAS, & HOT TUBS

2017 National Electrical Code Requirements

NEW YORK ELECTRICAL INSPECTION AGENCY
585.436.4460 www.NYEIA.com

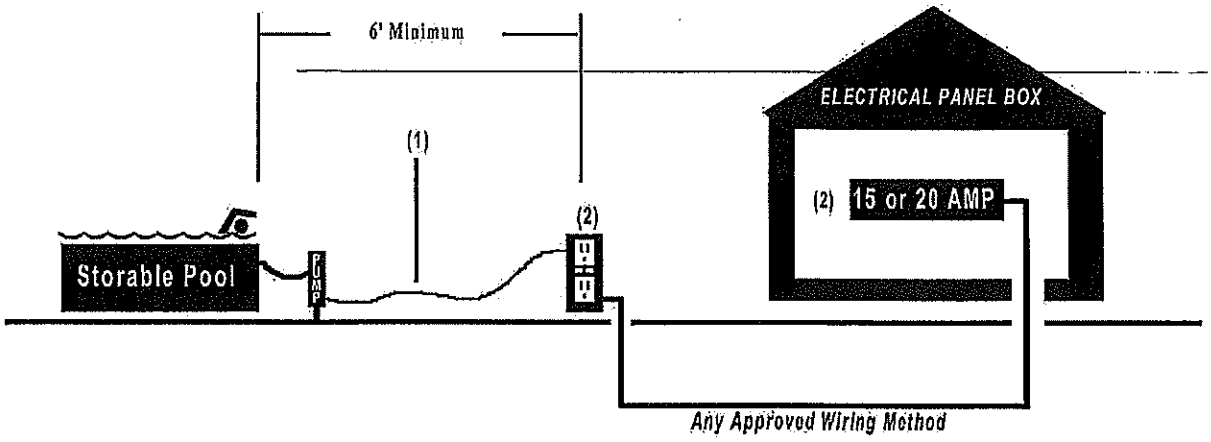
STORABLE POOLS ARE SWIMMING, WADING, OR IMMERSION POOLS THAT ARE INTENDED TO BE STORED WHEN NOT IN USE, CONSTRUCTED ON OR ABOVE THE GROUND, AND ARE CAPABLE OF HOLDING WATER TO A MAXIMUM DEPTH OF 42 IN., OR A POOL, CONSTRUCTED ON OR ABOVE GROUND WITH NON METALLIC, MOLDED POLYMERIC WALLS, OR INFLATABLE FABRIC WALLS REGARDLESS OF DIMENSION.
(The maximum water depth of 42" does not apply to inflatable swimming pools.)

1) **Storable Pool Pumps**
   a. Cord-connected pool filters must be approved system and have a double insulation or equivalent cord
   b. Cord-connected pool filter pumps must have a ground-fault circuit interrupter (GFCI) on the power supply cord located within 12" of the attached plug or that is an integral part of the attached plug on the cord.

2) **Receptacle (Outlet) and Wiring Method for Storable Pool Pump**
   a. Any receptacle, existing or new, cannot be located closer than 6' of the inside wall of the storable pool.
   b. The receptacle must be grounded, must be Ground Fault Circuit Interrupter (GFCI) protected, and the Tamper Resistant (TR), and Weather Resistant (WR) type receptacle.
   c. Receptacle must have an In-use, extra-duty weatherproof cover that can be closed when the cord is plugged in.
   d. An Automatic Timer (Time Switch) must be installed on storable swimming pool pumps.

3) **Luminaries (lights) for Storable Pools (if used)**
   a. Luminaries cannot have any exposed metal parts and must be listed for the purpose.
   b. Luminaries 15 Volts or less must:
      i. Have a luminaire lamp that operates at 15 volts or less
      ii. Have an impact-resistant polymeric lens, luminaire body, and a transformer enclosure
      iii. Have a transformer listed for swimming pools with a primary rating not over 150 volts
   c. Luminaries Over 15 Volts but not over 150 volts must:
      i. Have an impact-resistant polymeric lens and luminaire body
      ii. Have Ground Fault Circuit Interrupter (GFCI) protection.

4) **Other**
   a. Building Permits are required. Secure a Building Permit from your municipality prior to beginning work.
   b. Pool Alarms may be required. (Check with your local Building Department for additional information.)
   c. All receptacles located within 20' of the inside walls of a storable pool wall must be GFCI protected.
   d. Overhead power lines within 10' of the edge of the storable pool must be at least 22 ½' above the water surface.



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NEW YORK STATE OF OPPORTUNITY. | Building Standards and Codes | Fire Prevention and Control

John Addario PE, Director Building Standards and Codes — Francis J. Nerney Jr., State Fire Administrator

May 5, 2020 — CODE OUTREACH PROGRAM — Issue 2020-05

Code Outreach Program – Above-Ground Swimming Pool Barrier Requirements

This document is intended to clarify some of the barrier requirements applicable to new or substantially modified *residential* above ground swimming pools. Those reviewing plans for the installation, or substantial modification, of a swimming pool should review the full text of the provisions found in the Uniform Code as well as the local laws, ordinances, codes, and regulations of the municipality where the pool is to be installed for any further requirements.

The word *"residential,"* as used in this document, applies to pools accessory to one- and two-family dwellings regulated by the 2020 Residential Code of New York State (2020 RCNYS) and to pools accessory to detached one- and two-family dwellings classified as Group R-3 occupancies constructed under the 2020 Building Code of New York State (2020 BCNYS). Provisions for communal swimming pools accessory to townhouses and swimming pools accessory to other buildings regulated by the 2020 BCNYS, can be found in Section 3109 of the 2020 BCNYS. The provisions for *residential* pools are found in Section R326 of the 2020 RCNYS.

The 2020 RCNYS defines a swimming pool as *"any structure, basin, chamber or tank which is intended for swimming, diving, recreational bathing or wading and which contains, is designed to contain, or is capable of containing water more than 24 inches (610 mm) deep at any point. This includes in-ground, above-ground and on-ground pools, indoor pools, hot tubs, spas, and wading pools."*

New or substantially modified swimming pools are required to be provided with temporary barriers during installation (see Section R326.4.1) and with permanent barriers thereafter. The permanent barrier requirements are found in Section R326.4.2 and include heights, clearances, and opening size and configuration.

In accordance with Section R326.4.2.9, as an alternate to a conventional on ground barrier, the barrier for above-ground or on-ground swimming pools, including quick set, inflatable swimming pools, is permitted to be mounted on top of the pool structure or the pool structure may constitute a barrier, where all the following requirements are met:

1. the structure shall meet the applicable barrier and gate requirements of Section R326.4.2, including among others, a 48-inch height (see Section R326.4.2.9);
2. the barrier is designed *"to provide protection against potential drowning and near drowning by sufficiently preventing access to* [the] *swimming"* pool (see Section R326.4);
3. the pool and pool structure must be designed and constructed in compliance with ANSI/APSP/ICC 4, 2012 titled *American National Standard for Aboveground/ Onground Residential Swimming* Pools (see Section R326.4.2.9);
4. the pool manufacturer certifies that the pool structure, if used as a barrier or with a barrier mounted on it, is designed with accepted structural engineering practices (see Section 6.1 of ANSI/APSP/ICC 4); and
5. if the means of access is a ladder or steps, then:
   a. the ladder or steps shall be capable of being secured, locked or removed to prevent access; or
   b. the ladder or steps shall be surrounded by a complying swimming pool barrier. See Section R326.4.2.9 (1) and (2).

A wall, or walls, of a dwelling may also serve as part of the barrier, provided that they meet the applicable barrier requirements of Section R326.4.2. Barriers shall be located in a manner that prohibits permanent structures, equipment, or similar objects from being used to climb the barrier.

Other requirements of the 2020 RCNYS are applicable, including requirements for gates, pool alarms, and entrapment protection.

The 2020 Property Maintenance Code of New York State requires that all swimming pools, enclosures/barriers, alarms, and entrapment protection be maintained in a clean and sanitary condition, and in good repair.

Please look for our next edition of the Code Outreach Program at the beginning of next month.

CHAPTER 3 BUILDING PLANNING

SECTION R326
SWIMMING POOLS, SPAS AND HOT TUBS

[NY] R326.1 General.

The provisions of this section shall control the design and construction as well as substantial modification of swimming pools, spas and hot tubs installed in or on the lot of dwellings regulated under this code, and detached one- and two-family dwellings classified as Group R-3 and constructed under the *Building Code of New York State.*

Exception: Communal pools for the shared use of multiple townhouse units shall be regulated by the *Building Code of New York State.*

[NY] R326.1.1 Compliance with other sections.

Swimming pools, spas and hot tubs shall comply with this section and other applicable sections of this code. The requirements of this section and of the other applicable sections of this code shall be in addition to, and not in replacement of or substitution for, the requirements of other applicable federal, state and local laws and regulations, including, but not necessarily limited to the requirements of Section 8003 (Federal swimming pool and spa drain cover standard) of Title 15 of the United States Code (CPSC 15 USC 8003), where applicable.

[NY] R326.2 Definitions.

For the purpose of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

BARRIER, PERMANENT. A fence, the walls of a permanent structure, any other structure or combination thereof which completely surrounds the swimming pool and sufficiently obstructs access to the swimming pool.

BARRIER, TEMPORARY. An approved temporary fence, permanent fence, the walls of a permanent structure, any other structure, or any combination thereof that sufficiently prevents access to the swimming pool by any person not engaged in the installation or construction of the swimming pool during its installation or construction.

HOT TUB. See "Spa."

RESIDENTIAL. That which is situated on the premises of dwellings regulated under this code, and detached dwellings classified as R-3 and constructed under the *Building Code of New York State.*

SPA. A portable or nonportable structure intended for recreational or therapeutic bathing, in which all controls, waterheating and water-circulating equipment are an integral part of the product. Spas are shallow in depth and are not designed for swimming or diving.

SUBSTANTIAL DAMAGE. For the purpose of determining compliance with the pool alarm provisions of this section, damage of any origin sustained by a swimming pool, whereby the cost of restoring the swimming pool to its before-damaged condition would equal or exceed 50 percent of the market value of the swimming pool before the damage occurred.

SUBSTANTIAL MODIFICATION. For the purpose of determining compliance with the pool alarm provisions of this section, any repair, alteration, addition or improvement of a swimming pool, the cost of which equals or exceeds 50 percent of the market value of the swimming pool before the improvement or repair is started. If a swimming pool has sustained substantial damage, any repairs are considered substantial modification regardless of the actual repair work performed.

SUCTION OUTLET. A fitting, fitting assembly, cover/grate, sump, and related components that provide a localized low-pressure area for the transfer of water from a swimming pool.

SWIMMING POOL. Any structure, basin, chamber or tank which is intended for swimming, diving, recreational bathing or wading and which contains, is designed to contain, or is capable of containing water more than 24 inches (610 mm) deep at any point. This includes in-ground, above-ground and on-ground pools, indoor pools, hot tubs, spas, and wading pools.

SWIMMING POOL, INDOOR. A swimming pool which is totally contained within a structure and surrounded on all four sides by the walls of the enclosing structure.

SWIMMING POOL, OUTDOOR. Any swimming pool which is not an indoor pool.

[NY] R326.3 Compliance with other standards.

[NY] R326.3.1 In-ground pools.

In-ground pools shall be designed and constructed in conformance with ANSI/APSP/ICC 5 (American National Standard

for Residential Inground Swimming Pools, 2011).

[NY] R326.3.2 Above-ground and on-ground pools.

Above-ground and on-ground pools shall be designed and constructed in conformance withANSI/APSP/ICC 4 (American National Standard for Aboveground/Onground Residential Swimming Pools, 2012).

[NY] R326.3.3 Permanently installed spas and hot tubs.

Permanently installed spas and hot tubs shall be designed and constructed in conformance withANSI/APSP/ICC 3 (American National Standard for Permanently Installed Residential Spas and Swim Spas, 2014).

[NY] R326.3.4 Portable spas and hot tubs.

Portable spas and hot tubs shall be designed and constructed in conformance withANSI/APSP/ICC 6 (American National Standard for Residential Portable Spas and Swim Spas, 2013).

[NY] R326.4 Barriers, application.

The provisions of this section shall control the design of barriers for swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drowning and neardrowning by sufficiently preventing access to swimming pools, spas and hot tubs by persons outside the property, persons within the dwelling, and persons in other parts of the property not contained within the pool enclosure.

[NY] R326.4.1 Temporary barriers.

An outdoor swimming pool shall be surrounded by a temporary barrier during installation or construction that shall remain in place until a permanent barrier in compliance with Section R326.4.2 is provided.

Exceptions:

1. Above-ground or on-ground pools where the pool structure constitutes a barrier in compliance with Section R326.4.2.9.
2. Spas or hot tubs with a safety cover which complies withASTM F1346, provided that such safety cover is in place during the period of installation or construction of such hot tub or spa. The temporary removal of a safety cover as required to facilitate the installation or construction of a hot tub or spa during periods when at least one person engaged in the installation or construction is present is permitted.

[NY] R326.4.1.1 Height.

The top of the temporary barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool.

[NY] R326.4.1.2 Replacement by a permanent barrier.

A temporary barrier shall be replaced by a complying permanent barrier within either of the following periods:

1. 90 days of the date of issuance of the building permit for the installation or construction of the swimming pool; or
2. 90 days of the date of commencement of the installation or construction of the swimming pool.

[NY] R326.4.1.2.1 Replacement extension.

Subject to the approval of the*building official*, the time period for completion of the permanent barrier may be extended for good cause, including, but not limited to, adverse weather conditions delaying construction.

[NY] R326.4.2 Permanent barriers.

Swimming pools shall be completely enclosed by a permanent barrier complying withSections R326.4.2.1 through R326.4.2.6.

[NY] R326.4.2.1 Barrier height and clearances.

The top of the barrier shall be no 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 may be at ground level, or mounted on top of the pool structure. Where the barrier is mounted on top of the pool structure, the barrier shall comply with Sections R326.4.2.2 and R326.4.2.3.

[NY] R326.4.2.2 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.

[NY] R326.4.2.3 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 not exceed $1^3/_4$ inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than $1^3/_4$ inches (44 mm) in width.

[NY] R326.4.2.4 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 shall be not greater than 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than $1^3/_4$ inches (44 mm) in width.

[NY] R326.4.2.5 Chain link dimensions.

Maximum mesh size for chain link fences shall be a $2^1/_4$ inch (57 mm) square, unless the fence has vertical slats fastened at the top or the bottom which reduce the openings to not more than $1^3/_4$ inches (44 mm).

[NY] R326.4.2.6 Diagonal members.

Where the barrier is composed of diagonal members, the maximum opening formed by the diagonal members shall be not greater than $1^3/_4$ inches (44 mm).

[NY] R326.4.2.7 Gates.

Gates shall comply with the requirements of Sections R326.4.2.1 through R326.4.2.6, and with the following requirements:

[NY] R326.4.2.7.1 Self-closing and opening configuration.

All gates shall be self-closing. In addition, if the gate is a pedestrian access gate, the gate shall open outward, away from the pool.

[NY] R326.4.2.7.2 Latching.

All gates shall be selflatching, with the latch handle located within the enclosure (i.e., on the pool side of the enclosure) and at least 40 inches (1016 mm) above grade. In addition, if the latch handle is located less than 54 inches (1372 mm) from grade, the latch handle shall be located at least 3 inches (76 mm) below the top of the gate, and neither the gate nor the barrier shall have any opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the latch handle.

[NY] R326.4.2.7.3 Locking.

All gates shall be securely locked with a key, combination or other child-proof lock sufficient to prevent access to the swimming pool through such gate when the swimming pool is not in use or supervised.

[NY] R326.4.2.8 Dwelling wall as barrier.

A wall or walls of a dwelling may serve as part of the barrier, provided that the wall or walls meet the applicable barrier requirements of Sections R326.4.2.1 through R326.4.2.6, and one of the following conditions shall be met:

1. a) 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 in accordance with UL 2017. The audible alarm shall activate within 7 seconds and sound continuously for a minimum of 30 seconds after the door and/or its screen, if present, are opened and be capable of being heard throughout the house during normal household activities. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touch pad or switch, to temporarily deactivate the alarm for a single opening. Deactivation shall last for not more than 15 seconds; and

   b) Operable windows in the wall or walls used as a barrier shall have a latching device located no less than 48 inches above the floor. Openings in operable windows shall not allow a 4-inch-diameter (102 mm) sphere to pass through the opening when the window is in its largest opened position; and

   c) Where the dwelling is wholly contained within the pool barrier or enclosure, alarms shall be provided at every door with direct access to the pool; or

2. Other approved means of protection, such as selfclosing with self-latching devices, so long as the degree

of protection afforded is not less than the protection afforded by Item 1 described above.

[NY] R326.4.2.8.1 Alarm deactivation switch location.

Where an alarm is provided, the deactivation switch shall be located 54 inches (1372 mm) or more above the threshold of the door. In dwellings required to be Accessible units, Type A units, or Type B units, the deactivation switch shall be located 48 inches (1219 mm) above the threshold of the door.

[NY] R326.4.2.9 Pool structure as barrier.

Where an above-ground pool structure is used as a barrier, or where the barrier is mounted on top of the pool structure, the structure shall be designed and constructed in compliance with ANSI/APSP/ICC 4 and meet the applicable barrier requirements of Sections R326.4.2.1 through R326.4.2.8. Where the means of access is a ladder or steps, one of the following conditions shall be met:

1. The ladder or steps shall be capable of being secured, locked or removed to prevent access. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter (102 mm) sphere; or
2. The ladder or steps shall be surrounded by a barrier which meets the requirements ofSections R326.4.2.1 through R326.4.2.8.

[NY] R326.4.3 Indoor swimming pool.

Walls surrounding an indoor swimming pool shall comply withSection R326.4.2.8.

[NY] R326.4.4 Prohibited locations.

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

[NY] R326.5 Entrapment protection for swimming pool and spa suction outlets.

Suction outlets shall be designed to produce circulation throughout the pool or spa. Single-outlet systems, such as automatic vacuum cleaner systems, or multiple suction outlets, whether isolated by valves or otherwise, shall be protected against user entrapment.

[NY] R326.5.1 Compliance.

Suction outlets shall be designed and installed in accordance with the requirements of CPSC 15 USC 8003 and ANSI/APSP/ICC 7, where applicable.

[NY] R326.6 Suction outlets.

Suction outlets shall be designed to produce circulation throughout the pool or spa. Single-outlet systems, such as automatic vacuum cleaner systems, or multiple suction outlets, whether isolated by valves or otherwise, shall be protected against user entrapment.

[NY] R326.6.1 Compliance alternative.

Suction outlets may be designed and installed in accordance withANSI/APSP/ICC 7.

[NY] R326.6.2 Suction fittings.

Pool and spa suction outlets shall have a cover that conforms toANSI/ASME A112.19.8, or an 18 inch by 23 inch (457 mm by 584 mm) drain grate or larger, or an approved channel drain system.

Exception: Surface skimmers.

[NY] R326.6.3 Atmospheric vacuum relief system required.

Pool and spa single- or multiple-outlet circulation systems shall be equipped with atmospheric vacuum relief should grate covers located therein become missing or broken. This vacuum relief system shall include at least one approved or engineered method of the type specified herein, as follows:

1. Safety vacuum release system conforming to ASME A112.19.17; or
2. An approved gravity drainage system.

[NY] R326.6.4 Dual drain separation.

Single or multiple pump circulation systems have a minimum of two suction outlets of the approved type. A minimum horizontal or vertical distance of 3 feet (914 mm) shall separate the outlets. These suction outlets shall be piped so that water is drawn through them simultaneously through a vacuumrelief-protected line to the pump or pumps.

[NY] R326.6.5 Pool cleaner fittings.

Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible position(s) at least 6 inches (152 mm) and not more than 12 inches (305 mm) below the minimum operational water level or as an attachment to the skimmer(s).

[NY] R326.7 Swimming pool and spa alarms, applicability.

A swimming pool or spa installed, constructed or substantially modified after December 14, 2006, shall be equipped with an approved pool alarm. Pool alarms shall comply with ASTM F2208 (Standard Specification for Pool Alarms), and shall be installed, used and maintained in accordance with the manufacturer's instructions and this section.

Exceptions:

1. A hot tub or spa equipped with a safety cover which complies withASTM F1346.
2. A swimming pool (other than a hot tub or spa) equipped with an automatic power safety cover which complies with ASTM F1346.

[NY] R326.7.1 Multiple alarms.

A pool alarm must be capable of detecting entry into the water at any point on the surface of the swimming pool. If necessary to provide detection capability at every point on the surface of the swimming pool, more than one pool alarm shall be provided.

[NY] R326.7.2 Alarm activation.

Pool alarms shall activate upon detecting entry into the water and shall sound poolside and inside the dwelling.

[NY] R326.7.3 Prohibited alarms.

The use of personal immersion alarms shall not be construed as compliance with this section.