

TOWN OF NEWFIELD

TOMPKINS COUNTY, NEW YORK 14867

POOL PERMIT FEE \$45.00

Building Code Enforcement

DECK PERMIT FEE \$45.00

APPLICATION FOR A BUILDING PERMIT SWIMMING POOL / SPA / HOT TUB

NAME OF APPLICANT _____ PHONE _____

OWNER OF LAND _____ PHONE _____

ADDRESS OF LAND OWNER _____ E-MAIL _____

IS PROPERTY UNDER LAND CONTRACT _____ YES _____ NO

IS THIS PROJECT FOR SOME ONE OTHER THAN THE PRESENT OWNER _____ Y _____ N

ADDRESS OF PROJECT _____ Tax Map No. _____

ESTIMATED COST \$ _____ . _____ of completed project

ESTIMATED DATE TO BEGIN _____ ESTIMATED COMPLETION DATE _____

(including steps, decks, railings, barriers, gates final grade, re-seeding etc.)

GENERAL CONTRACTOR / BUILDER _____ PHONE _____

SUB-CONTRACTORS AND PHONE _____

ABOVE GROUND _____ IN GROUND _____ Self Set / Quick Set _____ Inflatable _____

SIZE _____ HEIGHT _____ WATER DEPTH _____ LOCKABLE OR REMOVABLE LADDER _____

DECK PLANNED _____ YES _____ NO

SIZE WIDTH _____ LENGTH _____ HEIGHT ABOVE GRADE _____

FOOTER DEPTH TO FROST LINE _____ OR PROTECTED _____

ROOF PLANNED YES _____ NO _____

RAMP PLANNED YES _____ NO _____

LENGTH OF RAMP _____ RISE PER FOOT _____ WIDTH _____ ADA _____ OR RESIDENTIAL _____

PLAN included _____ (please include post size, joist size, rafter size and footer depth bracing and connection method)

OR USING AMERICAN FOREST AND PAPER ASSOCIATION PRESCRIPTIVE RESIDENTIAL WOOD DECK CONSTRUCTION PLAN GUIDE. Can be down loaded at <http://www.awc.org/publications/dca/dca6/dca6.pdf>

TYPE OF BARRIER _____ MATERIAL _____

All pools with sides under 48 " in height, in-ground, in-door or flexible sides require separate barriers. All portable or temporary pools that can contain more than 24 inches of water or with flexible sides require separate barriers. (Please refer to the Codes included with this application)

All pools require alarms that detect unexpected entry into the water. (Please refer to the Code included with this application.)

**COMPLIANCE WITH THE CODES INCLUDED
WILL BE EXPECTED PRIOR TO FILLING ANY POOL SPA OR HOT TUB
PLEASE CALL 607 327 1849 FOR INSPECTION**

Will the disturbance on this property during construction (including removal of trees and ground cover or excavation and installation of drive ways etc.) amount to one acre or more in total? Yes ___ No ___
If yes please call 327 1849 for further instruction.

REMEMBER TO CALL DIG SAFE NY BEFORE YOU DIG 1 800 962 7962

CHECK LIST OF ITEMS TO BE INCLUDED

PLANS FOR POOL _____ INSTALLATION MANUAL _____

PLANS FOR BARRIER AND GATES _____

SPECS. FOR ALARM SYSTEM _____ Retailer _____

Alarms to detect unexpected entry into the water are now required

PLOT PLAN _____ A plot plan must be submitted with all applications. and must include the following:

LOCATIONS OF ALL EXISTING AND PROPOSED BUILDINGS AND STRUCTURES WITH DIMENSIONS OF THE LOT

PLEASE SHOW THE DISTANCE FROM EACH OTHER

PLEASE SHOW THE DISTANCE FROM THE LOT LINES.

PLEASE INCLUDE DISTANCE FROM THE ROAD AND THE AMOUNT OF ROAD FRONTAGE

PLEASE INCLUDE THE LOCATION OF ALL OVER HEAD AND UNDER GROUND UTILITIES

WORKERS COMPENSATION CERTIFICATE _____ OR EXEMPT FORM _____
FOR ALL CONTRACTOR(S)

I have read and understand the instructions for a Building Permit and I also understand that I must notify the Code Official to arrange for the required inspections. I am the owner or the agent of the owner of the property described above and I grant permission to Town Officials to inspect at intervals necessary to insure compliance and issue the final certificate. All information given herein is correct to the best of my knowledge

Applicant or Agents Signature _____ Date _____

Property Owner Approval _____ Date _____

OFFICE USE

DATE RECEIVED _____ DATE APPROVED _____ DATE DENIED _____

REASON _____ CODE SECTION _____

CODE OFFICIAL _____

SWIMMING POOLS, SPAS AND HOT TUBS

§RAG101
GENERAL

§RAG101.1 General. The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the lot of a one-and two-family dwelling.

§RAG102
DEFINITIONS

§RAG102.1 General. For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter R2.

ABOVE-GROUND/ON-GROUND POOL. See "Swimming pool."

BARRIER. A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

HOT TUB. See "Swimming pool."

IN-GROUND POOL. See "Swimming pool."

RESIDENTIAL. That which is situated on the premises of a detached one-or two-family dwelling or a one-family townhouse not more than three stories in height.

SPA, NONPORTABLE. See "Swimming pool."

SPA, PORTABLE. A nonpermanent structure intended for recreational bathing, in which all controls, water-heating and water-circulating equipment are an integral part of the product.

SWIMMING POOL. Any structure intended for swimming or recreational bathing capable of containing water over 24 inches (610 mm) deep. This includes in-ground, aboveground and on-ground swimming pools, hot tubs and spas. *<Amendment effective January 1, 2008 see §NY1220.1(d)(7)>*

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

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

§RAG105
BARRIER REQUIREMENTS

§RAG105.1 Application. The provisions of this chapter 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.

§RAG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, aboveground 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 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 (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 grade, such as an aboveground 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 (102 mm).
2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) 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 (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) 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 (1143 mm) or more, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 2.25-inch (57 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).

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 1.75 inches (44 mm).

8. Access gates shall comply with the requirements of §RAG105.2, Items 1 through 7, and 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. 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 (1372 mm) 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 (76 mm) below the top of the gate, and

8.2. The gate and barrier shall have no opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.

<Amendment effective January 1, 2008 see §NY1220.1(d)(8)>

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 F1346; or

9.2. 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 alarm shall sound continuously for a minimum of 30 seconds immediately after the door is 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 touchpad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or

9.3. Other means of protection, such as self-closing doors with self-latching devices, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Item 9.1 or 9.2 described above.

10. Where an aboveground 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:

10.1. The ladder or steps shall be capable of being secured, locked or removed to prevent access, or

10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of §RAG105.2, Items 1 through 9. 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.

§RAG105.3 Indoor swimming pool. All walls surrounding an indoor swimming pool shall comply with §RAG105.2, Item 9.

§RAG105.4 Prohibited locations. Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

§RAG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in §RAG107, shall be exempt from the provisions of this appendix.

§RAG106

ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

§RAG106.1 General. Suction outlets shall be designed to produce circulation throughout the pool or spa. Single outlet systems, such as automatic vacuum cleaner systems, or other such multiple suction outlets whether isolated by valves or otherwise shall be protected against user entrapment.

§RAG106.2 Suction fittings. All Pool and Spa suction outlets shall be provided with a cover that conforms with ANSI/ASME A112.19.8M, or a 12" x 12" drain grate or larger, or an approved channel drain system.

Exception: Surface skimmers

§RAG106.3 Atmospheric vacuum relief system required. All 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. Such vacuum relief systems 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

§RAG106.4 Dual drain separation. Single or multiple pump circulation systems shall be provided with a minimum of two (2) suction outlets of the approved type. A minimum horizontal or vertical distance of three (3) feet shall separate such outlets. These suction outlets shall be piped so that water is drawn through them simultaneously through a vacuum relief-protected line to the pump or pumps.

§RAG106.5 Pool cleaner fittings. Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible position(s) at least (6) inches and not greater than twelve (12) inches below the minimum operational water level or as an attachment to the skimmer(s).

§NY1228.2. Swimming pool alarms.

§NY1228.2(a) Purpose. This section is intended to implement the provisions of Executive Law section 378(14)(b), as added by Chapter 450 of the Laws of 2006, and Executive Law section 378(14)(c), as added by Chapter 75 of the Laws of 2007. (The provisions of Executive Law section 378(14)(c), as added by Chapter 234 of the Laws of 2007, are implemented by section 1228.4 (Temporary swimming pool enclosures) of this Part.)

§NY1228.2(b) Definitions. For the purposes of this section, the following words and terms shall have the following meanings:

§NY1228.2(b)(1) The word "approved" means approved by the code enforcement official responsible for enforcement and administration of the Uniform Code as complying with and satisfying the purposes of this section.

§NY1228.2(b)(2) The term "commercial swimming pool" means any swimming pool (as defined in paragraph (4) of this subdivision) that is not a residential swimming pool (as defined in paragraph (3) of this subdivision).

§NY1228.2(b)(3) The term "residential swimming pool" means a swimming pool (as defined in paragraph (4) of this subdivision) which is situated on the premises of a detached one-or two-family dwelling not more than three stories in height with separate means of egress; a multiple single-family dwelling (townhouse) not more than three stories in height with separate means of egress; a one-family dwelling converted to a bed and breakfast; a community residence for 14 or fewer mentally disabled persons, operated by or subject to licensure by the Office of Mental Health or the Office of Mental Retardation and Developmental Disabilities; a one-or two-family dwelling operated for the purpose of providing care to more than two but not more than eight hospice patients, created pursuant to Article 40 of the Public Health Law, and defined as a hospice residence in section 4002 of said Law; a manufactured home; a mobile home; or a factory manufactured dwelling unit.

§NY1228.2(b)(4) The term "swimming pool" means 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 24 inches (610 mm) deep at any point. This includes in-ground, above-ground and on-ground pools; indoor pools; hot tubs; spas; and fixed-in-place wading pools.

§NY1228.2(b)(5) The term "substantial damage" means 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.

§NY1228.2(b)(6) The term "substantial modification" means any repair reconstruction, rehabilitation, 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 repair, rehabilitation, addition, or improvement is started. If a swimming pool has sustained substantial damage, any repairs are considered to be a substantial modification regardless of the actual repair work performed.

§NY1228.2(c) Pool alarms. Except as otherwise provided in subdivision (e) of this section, each residential swimming pool installed, constructed or substantially modified after December 14, 2006 and each commercial swimming pool installed, constructed or substantially modified after December 14, 2006 shall be equipped with an approved pool alarm which:

§NY1228.2(c)(1) is capable of detecting a child entering the water and giving an audible alarm when it detects a child entering the water;

§NY1228.2(c)(2) is audible poolside and at another location on the premises where the swimming pool is located;

§NY1228.2(c)(3) is installed, used and maintained in accordance with the manufacturer's instructions;

§NY1228.2(c)(4) is classified by Underwriters Laboratory, Inc. (or other approved independent testing laboratory) to:

(i) reference standard ASTM F2208, entitled "Standard Specification for Pool Alarms," as adopted in 2002 and editorially corrected in June 2005, published by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428, or

(ii) reference standard ASTM F2208, entitled "Standard Specification for Pool Alarms," as adopted in 2007, published by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428; and

§NY1228.2(c)(5) is not an alarm device which is located on person(s) or which is dependent on device(s) located on person(s) for its proper operation.

§NY1228.2(d) Multiple pool alarms. A pool alarm installed pursuant to subdivision (c) of this section 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 installed.

§NY1228.2(e) Exemptions.

§NY1228.2(e)(1) A hot tub or spa equipped with a safety cover classified by Underwriters Laboratory, Inc. (or other approved independent testing laboratory) to reference standard ASTM F1346 (2003), entitled "Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs," published by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428, shall be exempt from the requirements of subdivisions (c) and (d) of this section.

§NY1228.2(e)(2) Any swimming pool (other than a hot tub or spa) equipped with an automatic power safety cover classified by Underwriters Laboratory, Inc. (or other approved independent testing laboratory) to reference standard ASTM F1346 (2003), entitled "Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs," published by ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428, shall be exempt from the requirements of subdivisions (c) and (d) of this section.