Town of Dover Building /Zoning/Code Enforcement Department

126 East Duncan Hill Road Dover Plains, NY 12522 (845) 832-3188 - fax

Building Inspector - 845.832.6111 x102 (<u>BuildingCEO@DoverNY.us</u>)
Code Enforcement – 845.832.6111 x119 (Codeenforcement@DoverNY.us)
Clerk – 845.832.6111 x103 (Building @DoverNY.us)

Building Permit Application for

Pools & Hot Tubs

Please read entire packet BEFORE submitting application

Required Documents:

Cash or Check payable to: <u>Town of Dover</u> (fee is double if project has been started) <u>Residential Fees:</u> above-ground pools/hot tubs greater than 2 feet of water = \$80.00 in-ground pools with barrier = \$160
Commercial Fees: *Fee is based on cost of construction; please call the Building Department for fee.
A Valid Waiver Form or Proof of Workers' Compensation and Disability Insurance
(see attached letter or call (518) 486-6307 or visit www.wcb.state.ny.us for more
information; ACORD forms are NOT acceptable proof of NYS workers' compensation or
disability benefits insurance coverage)
One complete set of specs showing appropriate barrier requirements
(must be stamped & signed by a NYS licensed design professional if cost of construction is over \$20,000 or at the discretion of the Building Inspector)
Survey or drawing of property showing proposed structure with distances to property lines and other structures.

Required Inspections:

- PRE-INSPECTION BEFORE PERMIT IS ISSUED
- Footings (for in-ground pools)
- Pool walls (for in-ground pools)
- Rough electric (by an electrical inspector)
- Final electric (by an electrical inspector)
- Final Completion to obtain a Certificate of Compliance

Applicants are responsible for scheduling all required inspections. The Building Department requires advance notice for all inspections; any additional inspections will be \$50 per hour with a minimum one-hour charge

Town of Dover Building/Zoning /Code Enforcement Department

126 East Duncan Hill Road Dover Plains, NY 12522 (845) 832-3188 - fax

Building Inspector/CEO - Michael C. Segelken 845.832.6111 x102(BuildinCEO@TownOfDoverNY.us)

Building Clerk -845.832.6111 x103 - (Building@TownOfDoverNY.us)

General Information for All Building Permit Applications

Please read the following and have application complete BEFORE submittal

The applicant/homeowner is responsible for supplying sufficient information to determine that the project complies with and adheres to all Town of Dover Zoning Laws and all NYS Building Codes.

The Town of Dover Zoning Law may be obtained from the Zoning Law book available at the Town Clerk's office for a fee or on the internet at www.TownOfDoverNY.us (Links, Town Code, Chapter 145).

NYS Building Codes are available at www.dos.state.ny.us.

Start of construction without a permit will mandate a penalty of 200% of permit fee, PLUS the permit fee, PLUS all legal fees (if necessary)

If a permit is denied or withdrawn, 50% of the fee will be refunded if requested in writing provided that no work has commenced.

Applications will not be considered until <u>ALL</u> required documents and copies are submitted <u>by the applicant</u>. A list of required documents for each project is listed on the coversheet; submitting required documents in "bits & pieces" will result in a delay. INCOMPLETE APPLICATIONS WILL BE RETURNED.

Please note: <u>applications are not reviewed at the time of submittal...</u> they are reviewed in the order in which they are received and may require approximately 1-4 weeks to process depending on the complexity of the project. Due to the volume of applications received, requests to expedite an application cannot be honored.

Section 125 of the General Municipal Law requires that ALL APPLICANTS provide proof of Workers' Compensation and Disability compliance or a valid exemption when applying for a permit. For more information, visit www.wcb.state.ny.us or call (518) 486-6307.

After the application is reviewed and approved, you will be notified and will be given a Construction Permit. If the application is denied, you will receive written notice with an explanation. Construction may not start until the permit is issued.

Permits expire one year after issuance and may be renewed at full price. By law, a building permit is not closed out until the project is finished and a Certificate of Occupancy/Compliance (C/O, C/C) has been issued; it is the <u>applicant's/homeowner's responsibility</u> to call this department to obtain a Certificate of Occupancy/Compliance. If the project has not been started and you wish to close out the permit, it is the <u>applicant's/homeowner's responsibility</u> to send a written notice stating that project has not been started and give this department permission to verify.

The Construction Permit and your 911 address must be clearly displayed on a place visible from the road.

[F] 303.3 Premises identification. Buildings shall have approved address numbers placed in a position to be plainly legible and visible from the street or road fronting the property. These numbers shall contrast with their background. Address numbers shall be Arabic numerals or alphabet letters. Numbers shall be a minimum of 4 inches (102 mm) high with a minimum stroke width of 0.5 inch (12.7 mm).



Town of Dover

Building Department
126 East Duncan Hill Road
Dover Plains, NY 12522
845.832.6111 x102 – Building Inspector
845.832.6111 x119 – Code Enforcement
845.832.6111 x103 – Clerk
845.832.3188 - Fax

ResidentialCommercial
Zone:

Date Paid:
Receipt #:

Building Permit Application - Pools / Hot Tubs

(Must be filled out IN FULL WITH PAYMENT before review. Incomplete applications will be returned.) Application is hereby submitted to the Building Inspector/Code Enforcement Officer of the Town of Dover for the approval of plans and detailed statement of the specifications of work to be performed. Please describe work to be performed: ABOVE GROUND / IN-GROUND / HOT TUB Owner of Property: _____Phone #:_____ Mailing Address:______Cellular #:_____ Mailing Address: Cellular #: Builder/Contractor:_____Phone #:____ Mailing Address:_____ Cellular #: Address of Proposed Project: _____Lot #: Distance of proposed structure from property lines; must also be shown on survey or plot plan. front: _____ft. back: _____ft. side 1: _____ft. side 2: _____ft. Size of pool: height: _____ ft. width: _____ ft. shape: _____ Size of hot tub: height: _____ ft. width: _____ ft. shape:____ Is property within a registered: Floodplain? Wetland? Easement? If yes, show on survey & describe. Estimated date of completion: Estimated cost of construction: \$ I confirm that I understand that building permits expire one year after issuance and it is my responsibility to call the Town of Dover Building Department for all required inspections during construction and to obtain a Certificate of Occupancy/Compliance upon completion thereof in compliance herewith. I also understand my responsibilities of all provisions of Town of Dover Zoning Laws, New York State Uniform Fire Prevention & Building Code and State of New York Department of Labor requirements whether specified herein or not. The Town of Dover Zoning Law can be researched at www.townofdoverny.us (click: Links, Town Code). Signature of Applicant DATE Signature of Owner DATE For Office Uses Only Pre-Inspection: Building Inspector/CEO Date Issued Application is: APPROVED / DENIED

Application requires: Planning Board Approval Zoning Board Approval

Permits expire one year after issuance

Affidavit of Exemption to Show Specific Proof of Workers' Compensation Insurance Coverage for a 1, 2, 3 or 4 Family, Owner-occupied Residence

**This form cannot be used to waive the workers' compensation rights or obligations of any party. **

Under penalty of perjury, I certify that I am the owner of the 1, 2, 3 or 4 family, owner-occupied residence (including condominiums) listed on the building permit that I am applying for, and I am not required to show specific proof of workers' compensation insurance coverage for such residence because (please check the appropriate box): I am performing all the work for which the building permit was issued. I am not hiring, paying or compensating in any way, the individual(s) that is(are) performing all the work for which the building permit was issued or helping me perform such work. I have a homeowner's insurance policy that is currently in effect and covers the property listed on the attached building permit AND am hiring or paying individuals a total of less than 40 hours per week (aggregate hours for all paid individuals on the jobsite) for which the building permit was issued. I also agree to either: acquire appropriate workers' compensation coverage and provide appropriate proof of that coverage on forms approved by the Chair of the NYS Workers' Compensation Board to the government entity issuing the building permit if I need to hire or pay individuals a total of 40 hours or more per week (aggregate hours for all paid individuals on the jobsite) for work indicated on the building permit, or if appropriate, file a WC/DB-100 exemption form; OR have the general contractor, performing the work on the 1, 2, 3 or 4 family, owner-occupied residence (including condominiums) listed on the building permit that I am applying for, provide appropriate proof of workers' compensation coverage or proof of exemption from that coverage on forms approved by the Chair of the NYS Workers' Compensation Board to the government entity issuing the building permit if the project takes a total of 40 hours or more per week (aggregate hours for all paid individuals on the jobsite) for work indicated on the building permit. (Signature of Homeowner) (Date Signed) Home Telephone Number (Homeowner's Name Printed) Sworn to before me this Property Address that requires the building permit: (County Clerk or Notary Public)

Once notarized, this form BP-1 serves as an exemption for both workers' compensation and disability benefits

BP-1 (9-07)

POOL FENCE

AN INVESTMENT WORTH MAKING ...

AND A REQUIREMENT OF THE CODE!

Swimming pools, spas, and hot tubs are becoming more frequent in the back yards of homes across the State. While very enjoyable to the users, these places of comfort are very alluring to young children. Protection against unsupervised children is paramount in avoiding a household disaster.



Barriers like pool fences are working! In 1985, New York State started requiring pool fences when the rate of child deaths (nawborn to 4 years old) soared to 17 drownings per million. By 1999, that number dropped by 95%.

When do I need a barrier?

Barriers, such as fences, are required around swimming pools, hot tubs and spas. This includes both fixed and portable units, including pre-formed or inflatable pools. The only exception is when a swimming pool is not able to contain more than 24" of water.

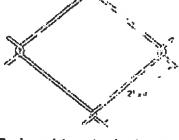
Are existing swimming pools exempt from barrier regulrements?

No. All swimming pools, no matter how old, are required to have a barrier around them. The Property Maintenance Code of New York State requires an approved barrier around all swimming pools, regardless of their age.

What are the requirements for barriers?

The Residential Code of New York State and the Building Code of New York State regulate the construction parameters of barriers. Several options are available.

- A 48° barrier shall surround the pool area. The barrier can be made using various methods including masonry, wood, or metal. Whatever method is used, it must not allow passage of children through the barrier as well as be constructed to prevent climbing.
- 2. For above ground pools, the side wall can be used as part of the barrier as long as the walls are 48" above the ground and the access ladder is secured. A barrier can be placed on top of the pool if it doesn't quite make the 48" by itself.
- 3. When the wall of a building serves as the barrier, or a portion thereof, a power operated top can be used or alarms can be placed on the doors leading to the pool area.



Do I need to put a barrier up to protect my hot tub or spa?

No. Hot tubs and spas are exempt from the barrier if equipped with a safety cover complying with the ASTM F1346 safety standard.

Do fences, gates and folding ladders need to be locked?

Yes. Pool gates and folding ladders do need to be locked when unsupervised. This needs to be achieved by a key, combination, or child-proof lock.



For more Information, contact the Department of State Division of Code Enforcement and Administration 41 State St. Albany, NY 12237 Phono: (518)-474-4073 Fax: (518)-486-4487 fato://www.rbs.state.ingus



Specifics on fence construction and permitted gates are found in the Residential Code of New York State and the Building Code of New York State

Temporary Pool Enclosures 6

During the installation or construction of a swimming pool, the swimming pool must be enclosed by a temporary enclosure. The temporary enclosure may consist of a temporary fence, a permanent fence, the wall of a permanent structure, any other structure, or any combination of the foregoing. However:

- all portions of the temporary enclosure must be at least four (4) feet high, and
- all components of the temporary enclosure must be sufficient to prevent access to the swimming pool by any person not engaged in the installation or construction process and to provide for the safety of all such persons.

The temporary enclosure must remain in place throughout the period of installation or construction of the swimming pool, and thereafter until the installation or construction of a permanent enclosure has been completed.

The temporary enclosure must be replaced by a permanent enclosure. The permanent enclosure must comply with all applicable "Barrier Requirements" described at pages 2 to 7 of this publication, and with any additional requirements that may be imposed by any other New York State codes or regulations applicable to swimming pool enclosures or by any local law applicable to swimming pool enclosures and in effect in the location where the swimming pool has been installed or constructed.

The permanent enclosure must be completed within ninety days after the date of issuance of the building permit for the installation or construction of the swimming pool, or the date of commencement of the installation or construction of the swimming pool, whichever is later. (If the swimming pool is installed or constructed without the issuance of a building permit, the permanent enclosure must be completed within ninety days after the date of commencement of the installation or construction of the swimming pool - note, however, that this provision does not permit the installation or construction of a pool without a building permit where such a permit is required by applicable law.) The local code enforcement official has authority to extend the 90 day period for completion of the permanent enclosure for good cause, such as a delay in construction caused by bad weather.

TITLE 19 Page 5 of 6

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.

(6) Substantial modification. 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.

- (c) Pool alarms. 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:
 - is capable of detecting a child entering the water and giving an audible alarm when it detects a child entering the water;
 - (2) is audible poolside and at another location on the premises where the swimming pool is located:
 - (3) is installed, used and maintained in accordance with the manufacturer's instructions:
 - (4) is classified by Underwriter's Laboratory, Inc. (or other approved independent testing laboratory) to reference standard ASTM F2208, entitled "Standard Specification for Poel Alarms," as adopted in 2002 and editorially corrected in June 2005, published by ASTM International, 100 Barr Harbor Drive, "Vest Conshchocken, PA 19428; and
 - (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.
- (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

Numbers and Websites of Interest

Electrical inspectors

New York Electrical Inspections
H.C.R. 4, NYS Route 30
Kelly Corners, NY 12455
(845) 586-2430
Tom LeJeune - Inspector - (845) 373-7308

New York Board
PO Box 1558
Wappingers Falls, NY 12690
Pat Decina – Inspector – (845) 298-6792
(phone & fax)

Electrical Underwriter of NY, LLC PO Box 4089 New Windsor, NY 12553 (845) 569-1759, (845) 562-7371 — fax Ernest C. Bello – inspector

Tri-State Inspection Agency
PO Box 1034
Warwick, NY 10990
(845) 986-6514 or (845) 986-0535
Bob Stumbo, Nick DiFusco, Frank Sholitis

Commonwealth Electrical Inspection Service, Inc. 1355 Pittsford-Mendon Road PO Box 723 Mendon, NY 14506-0723 800 624-2380 or (585) 624-2399-fax Ronald Henry - Inspector - (845) 562-8429

NY Electrical Inspections & Consulting
93 Beattie Avenue
Middletown, NY 10940
(845) 343-6934, (845) 343-4834 -- Fax
John Wierl (jwierl@nyeic.com) or Plerre Belarge

The Inspector, LLC 5390 State Route 22 Burke, NY 12917 (518) 481-5300 or (800) 487-0535 David Smith (theinspectorlic@yahoo.com

Third Party Inspector
68 Gold Road
Poughquag, NY 12570
(845) 590-1010
Brian Van Vlack – Inspector - (thirdpartyinsp@gmail.com)

Z3 Consultants, Inc.
PO Box 363
LaGrangeville, NY 12540
Gary Beck, Jr. -- Inspector -- (845) 471-9370
(845) 625-1479 -- Fax

Dutchess County Department of Health

387 Main Street Poughkeepsle, NY 12601 (845) 486-3404

Millbrook District Office (845) 677-4001

Road Maintenance

Town of Dover Highway Department (town roads) (845) 832-9567

NYS Department of Transportation (DOT) (state roads) Highway Permits (845) 473-3076

DC Department of Public Works (county roads) Highway Permits Unit (845) 486-2928

Department of Emergency Response

E-911 Addressing (845) 486-6531

Workers' Compensation Board

www.wcb.state.ny.us (518) 486-6307

Dig Safely (call before you dig)

www.digsafelynewyork.com 800 962-7962

NYS Department of Environmental Conservation (DEC)

www.dec.state.ny.us (518) 402-8265

NYS Department of State

www.dos.state.ny.us (212) 417-5800

TOWN OF DOVER - Coversheet for applications.ppt 07/22/11

APPENDIX G

SWIMMING POOLS, SPAS AND HOT TUBS

SECTION AG101 GENERAL

AG101.1 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.

SECTION AG102 DEFINITIONS

AG102.1 General. For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2.

ABOVE-GROUND/ON-GROUND FOOL. 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 town-house 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 that contains water over 24 inches (610 mm) deep. This includes in-ground, aboveground and on-ground swimming pools, hot tubs and spas.

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.

SECTION AG103 SWIMMING POOLS

A G103.1 In-ground pools, in-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Section AG107.

AG103.2 Above-ground and on-ground pools. Aboveground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4 as listed in Section AG107.

SECTION AG104 SPAS AND HOT TUBS

AG104.1 Permanently installed spas and hot tubs. Permanently installed spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in Section AG107.

AG104.2 Portable spas and hot tubs. Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in Section AG107.

SECTION AG105 BARRIER REQUIREMENTS

AG105.1 Application. The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hottubs. 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, 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).
- Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.
- 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.
- 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.
- Maximum mesh size for chain link fences shall be a 1.25-inch (32 mm) square unless the fence is provided with slars fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).
- 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 Section AG105.2, Items I 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.
- Where a wall of a dwelling serves as part of the barrier one of the following conditions shall be met:
 - 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 menns, 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, which are approved by the governing body, 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:

- 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 Section AG105.2, 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-dlameter (102 mm) sphere.

AG105.3 Indoor swimming pool. All walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

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

AG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in Section AG107, shall be exempt from the provisions of this appendix.

SECTION AG106 ABBREVIATIONS

AG106.1 General

ANSI—American National Standards Institute 11 West 42nd Street, New York, NY 10036

ASTM—American Society for Testing and Materials 1916 Race Street, Philadelphia, PA 19103

NSPI-National Spa and Pool Institute 2111 Eisenhower Avenue, Alexandria, VA 22314

SECTION AG107 STANDARDS

AG107.1 General.

ANSI/NSPI

	424 10/07 10/4 T
	ANSI/NSPI-3 Standard for Permanently Installed Residential Spas
	ANSI/NSPI-4 Standard for Above-ground/On-ground Residential Swimming Pools
	ANSI/NSPI-5 Standard for Residential In-ground Swimming Pools
	ANSI/NSPI-6 Standard for Residential Portable Spas
	ASTM
4	ASTM F 1346-91 Standard Performance Specifications for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs