TOWN OF MARLBOROUGH

" Heart Of the Hudson Valley Fruit Section"
MILTON, ULSTER COUNTY, NEW YORK 12547
DEPARTMENT OF BUILDINGS

TEL NO. 795-5100 Ext. # 7
FAX NO. 795-6171

THOMAS CORCORAN JR.
BUILDING INSPECTOR
CODE ENFORCER
FIRE INSPECTOR

Application for Pool / Hot Tub Permit

RETURN TOP 3 PAGES ONLY WITH COPY OF BROCHURE (MAKE & MODEL) FOR POOL / HOT TUB

(Copy of current tax bill MUST be submitted with Application)

Building Permit # _____

Date _____

Pool Size : Length _____ Width _____ Height _____ **Work to Begin :** _____

☐ **Above Ground Pool** ☐ **In ground Pool** ☐ ***Concrete*** ☐ ***Steel*** ☐ ***Gunite*** ☐ **Hot Tub**
☐ ***Fiberglass*** ☐ ***Vinyl***

Section _____ Block _____ Lot _____

District Location of Property ☐ R ☐ R-1 ☐ RAG-1 ☐ C-1 ☐ C-2 ☐ HD ☐ I

Owner _____ Phone _____

Address _____

Owners Signature _____

Contractor _____ Phone _____

Address _____

Contact Person _____ Phone _____

Location (address) of Pool _____

This application is pursuant to New York State Fire Prevention and Building Code 9NYNRCC and the Town of Marlborough Zoning Ordinance.

This application MUST be completely filled out in ink and submitted with all required documents or it will be rejected and returned.

Building Permits are issued for 1 year and a $100 charge will be imposed for each 6 month extension

Section _____ **Block** _____ **Lot** _____

Estimate Cost of Construction _____

OWNERS NAME _____

ADDRESS _____

_____

TELEPHONE : HOME _____WORK _____

BELOW IS FOR BUILDING DEPARTMENTS USE ONLY

TYPE OF INSPECTION :

☐ 1. SETBACKS -

☐ 2. FENCING (48" Minimum) -

☐ 3. SELF CLOSING / SELF LATCHING GATE -

☐ 4. POOL ALARM -

☐ 5. ELECTRICAL -

☐ 6. FINAL -

INSPECTOR'S COMMENTS

_____

_____

_____

_____

INSPECTORS'S SIGNATURE _____ DATE _____

TOWN OF MARLBOROUGH

PLOT PLAN

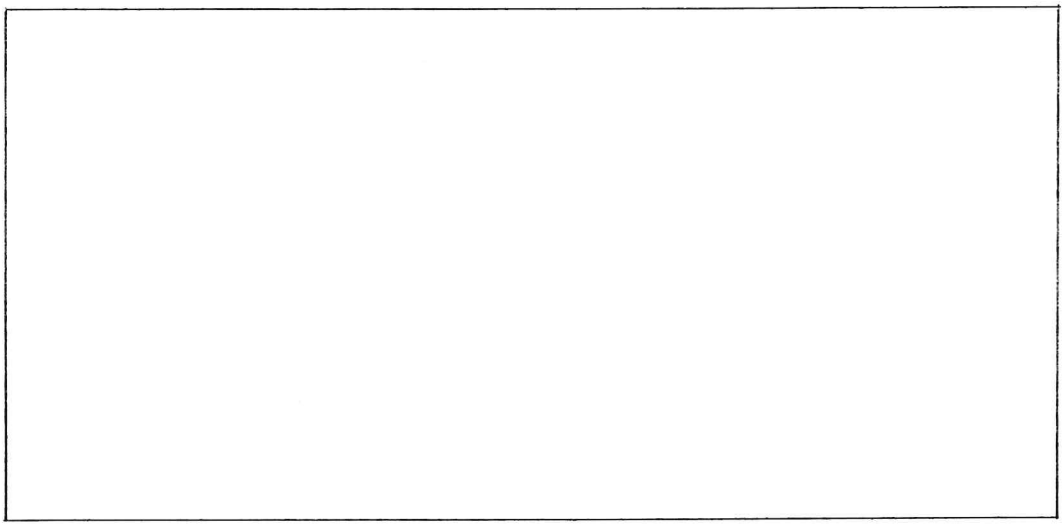
SECTION _____ **BLOCK** _____ **LOT** _____

Address : _____

SHOW THE FOLLOWING ON THE PLOT PLAN :

** THE OUTSIDE LINES ARE THE PROPERTY LINES*

1) Show ALL the buildings on the property
2) Show the POOL on the property and ALL setbacks (distance in feet from the property lines)
3) Show ALL roads and driveways
4) Show septic leech field and well



Applicants Signature _____

<u>This Pool application must meet ALL of the Code Requirements of the NY State</u>
(Below are a few of the key requirements but not all requirements)

**** Barrier Requirements - Top of the barrier MUST be at least 48" above grade***
- Openings in the barrier shall not allow passage of a 4" sphere
- Maximum clearance between grade & bottom of barrier is 2"

**** Maximum mesh opening for chain link fences shall be not more than 2.25 inches***

**** Gates - shall be securely locked with a key or other child proof lock***
- shall open away from the pool & self closing / self latching
- shall have release mechanism of latch no less then 54" from bottom of gate

If less then 54" then gate & barrier shall have no opening greater then ½ " within 18" of the release mechanism
If less then 54" then latch shall be pool side and at least 3" below top of gate

* **Hot Tubs** are **<u>EXEMPT</u>** from requirements if safety cover is installed and complies with **<u>ASTM F 1346</u>**

INSPECTION AGENCIES
APPROVED BY THE TOWN OF MARLBORUGH

Electrical Underwriter	**Ernie Bello** **Nicholas Romano**	**569-1759**
NY Certified Electrical Inspectors LLC	**Jerry Caliendo**	**294-7695**
Tri State	**Lou Ambrosia** **Vinny Ambrosia** **Al Shauger**	**544-2180**
Commonwealth	**Ron Henry**	**562-8429**
NY Electrical Inspectors	**Greg Murod**	**586-2430**
Middle Department (MDIA)	**Pete Jennings**	**518-610-8133**
Z3 Consultants Inc.	**Gary Beck**	**471-9370**
Swanson Consulting	**Joe Swanson**	**496-4443**
NY Electrical Inspections & Consulting	**John Wierl**	**343-6934** **551-8466**
New York Board	**Pat Decina**	**298-6792**
CP Certified Electrical	**Chris Peone**	**853-3202**
LM Electrical & Consulting Corp.	**Logan Millington**	**202-2651**
SAS Electrical Inspections	**Yuri Badovich**	**801-2172**
Inspections On Time	**Maria Mendez**	**233-6711**

ANY OTHER INSPECTOR'S OTHER THAN THOSE LISTED ABOVE DO NOT HAVE AUTHORIZATION TO DO INSPECTIONS IN THE TOWN OF MARLBOROUGH

*** No Area Code Listed Defaults to 845**

If Someone is Planning To Dig On Your Property, Or You Are Doing The Excavation . . . Please Do Your Part!

Look For:

- **Pad Mounted Electric Transformers**
- **Utility Service Wires** (Cables attached to the side of the utility pole and entering the ground.)
- **Telephone Or Cable Television Pedestals**
- **Water Valves Or Hydrants**
- **Regulator Stations, Gas Meters, Valves or Test Stations**
- **Warning Signs Or Markers**
- **Manhole Rings and Covers**

When you call, please have the following information available:

- **Municipality – county, city or township**
- **Location – street address**
- **Nearest intersection of streets and roads**
- **Extent of work** ■ **Type of work**
- **Start date and time excavation is scheduled to begin**
- **Caller's name**
- **Excavator/contact person and phone number**

Even When All Precaution Are Taken, Accidents Can Still Happen. If An Underground Facility Is Hit Or Even Scratched, Please Notify The Facility Operator.

Dig Safely. New York

- **Call Before You Dig**
- **Wait The Required Time**
- **Confirm Utility Response**
- **Respect The Marks**
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800-962-7962

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What You Should Know Before Getting In Too Deep

§R326: SWIMMING POOLS, SPAS AND HOT TUBS

§R326.1 General.
The provisions of this Section shall control the design and construction of swimming pools, spas and hot tubs installed in or on the lot of a one- or two-family dwelling.

§R326.2 Definitions.
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 POOL. See "Swimming pool".

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

BARRIER, TEMPORARY. An approved temporary fence, permanent fence, the wall of a permanent structure, any other structure, or any combination thereof that 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 "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.

SUBSTANTIAL DAMAGE. For the purpose of determining compliance with the pool alarm provisions of this appendix, damage of any origin sustained by a swimming pool whereby thecost 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 appendix, 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.

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, fixed-in-place 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.

§R326.3 Swimming Pools

§R326.3.1 In-ground pools.
In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5.

§R326.3.2 Above-ground and on-ground pools.
Above- ground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4.

§R326.4 Spas and Hot Tubs

§R326.4.1 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 R326.8.

§R326.4.2 Portable spas and hot tubs.
Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6.

§R326.5 Barrier Requirements

§R326.5.1 Application.
The provisions of this section shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drowning and near-drowning by restricting access to swimming pools, spas and hot tubs.

§R326.5.2 Temporary barriers.
An outdoor swimming pool, including an in-ground, above- ground or on-ground pool, hot tub or spa shall be surrounded by a temporary barrier during installation or construction and shall remain in place until a permanent barrier in compliance with Section R326.5.3 is provided.

Exceptions:

1. Above-ground or on-ground pools where the pool structure is the barrier in compliance with Section R326.5.3.

2. Spas or hot tubs with a safety cover which complies with ASTM F 1346, 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.

§R326.5.2.1 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.

§R326.5.2.2 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.

§R326.5.2.2.1 Replacement extension.
Subject to the approval of the code enforcement 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.

§R326.5.3 Permanent barriers.
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 (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 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 (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 $1^3/_4$ inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed $1^3/_4$ 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 $1^3/_4$ inches (44 mm) in width.

6. Maximum mesh size for chain link fences shall be a 21/4-inch (57 mm) 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 (44 mm). NY

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 (44 mm). NY

8. Gates shall comply with the requirements of Section R3265.2, <<R326.5.3>> Items 1 through 7, and with the following requirements: NY

8.1. 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

8.2. All gates shall be self-latching, 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 the bottom of the gate, 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

8.3. 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

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

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

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 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. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or NY

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. NY

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 ladder or steps: NY

10.1. The ladder or steps shall be capable of being secured, locked or NY

removed to prevent access; or

10.2. The ladder or steps shall be surrounded by a barrier which meets the requirements of Section R326.5.2, 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.

§R326.5.4 Indoor swimming pool.
Walls surrounding an indoor swimming pool shall comply with Section R326.5.2, Item 9.

§R326.5.5 Prohibited locations.
Barriers shall be located to prohibit permanent structures, equipment or similar objects from being used to climb them.

§R326.5.6 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.

§R326.6 Entrapment Protection for Swimming Pool and Spa Suction Outlets

§R326.6.1 General.
Suction outlets shall be designed to produce circulation throughout the pool or spa. Single-outlet systems, such as automatic vacuum cleaner systems, or multiple suction outlets, whether isolated by valves or otherwise, shall be protected against user entrapment.

§R326.6.1.1 Compliance alternative.
Suction outlets may be designed and installed in accordance with ANSI/APSP-7.

§R326.6.2 Suction fittings.
Pool and spa suction outlets shall have a cover that conforms to ANSI/ASME A112.19.8M, or an 18 inch by 23 inch (457mm by 584 mm) drain grate or larger, or an approved channel drain system.Exception: Surface skimmers.

§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.

§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 vacuum-relief-protected line to the pump or pumps.

§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

NY

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

§R326.7.1 Applicability.

A swimming pool or spa installed, constructed or substantially modified after December 14, 2006, shall be equipped with an approved pool alarm.

Exceptions:

1. A hot tub or spa equipped with a safety cover which complies with ASTM F1346.

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

Pool alarms shall comply with ASTM F2208, and shall be installed, used and maintained in accordance with the manufacturer's instructions and this section.

§R326.7.2 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.

§R326.7.3 Alarm activation.

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

§R326.7.4 Prohibited alarms.

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

§R326.8 Standards

§R326.8.1 General.

The following table lists the standards that are referenced in Section R326. The standards are listed by the promulgating agency of the standard, the standard identification, the effective date and title, and the section(s) of Section R326 that reference the standard. The application of the reference standards shall be as specified in Section NYS102.5.

Standard number-	Title	Code Section where referenced
ANSI	**American National Standards Institute 11 West 42nd Street, New York, NY 10036**	
ANSI/APSP 7-13	Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins	R326.6.1
ANSI/NSPI-3-99	Standard for Permanently Installed Residential Spas	R326.4.1

ANSI/NSPI-4-99	Standard for Above-ground/On-ground Residential Swimming Pools	R326.3.2	NY
ANSI/NSPI-5-03	Standard for Residential In-ground Swimming Pools	R326.3.1	NY
ANSI/NSPI-6-99	Standard for Residential Portable Spas	R326.4.2	NY
ANSI/ASME A112.19.8M-1987 (R1996)	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs and Whirlpool Bathing Appliances	R326.6.2	NY
- -	- -	-	NY
APSP	**Association of Pool and Spa Professionals 2111 Eisenhower Avenue, Suite 500, Alexandria, VA 22314-4695**		NY
ANSI/APSP 7-13	Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins	R326.6.1	NY
- -	- -	-	NY
ASME	**American Society of Mechanical Engineers Three Park Avenue, New York, NY 10016-5990**		NY
ANSI/ASME A112.19.8 2007	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs and Whirlpool Bathing Appliances	R326.6.2	NY
ASME A112.19.17-2002	Manufacturers Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool	R326.6.3	NY
- -	- -	-	NY
ASTM	**ASTM International 100 Barr Harbor Drive, West Conshohocken, PA 19428**		NY
ASTM F 1346-91 (1996)	Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs	R326.5.2, R326.5.3, R326.5.6, R326.7.1	NY
ASTM F2208-2008	Standard Specification for Pool Alarms	RAG107.1	NY
- -	- -	-	NY
NSPI*	**National Spa and Pool Institute 2111 Eisenhower Avenue, Alexandria, VA 22314**		NY

ANSI/NSPI-3-99	Standard for Permanently Installed Residential Spas	R326.4.1	NY NY NY
ANSI/NSPI-4-99	Standard for Above-ground/On-ground Residential Swimming Pools	R326.3.2	NY NY NY
ANSI/NSPI-5-03	Standard for Residential In-ground Swimming Pools	R326.3.1	NY NY NY
ANSI/NSPI-6-99	Standard for Residential Portable Spas	R326.4.2	NY NY
- -	- -	-	NY NY
UL	**Underwriters Laboratories, Inc. 333 Pfingsten Road, Northbrook, Illinois 60062-2096**		NY NY NY NY
UL2017-2000	Standard for General-purpose Signaling Devices and Systems with Revisions through June 2004	R326.5.3	NY NY NY NY

* The NSPI documents are available through APSP. NY