

Town of Van Etten
6 Gee Street, PO Box 177
Van Etten, NY 14889
607-589-4435
vanettentown.com

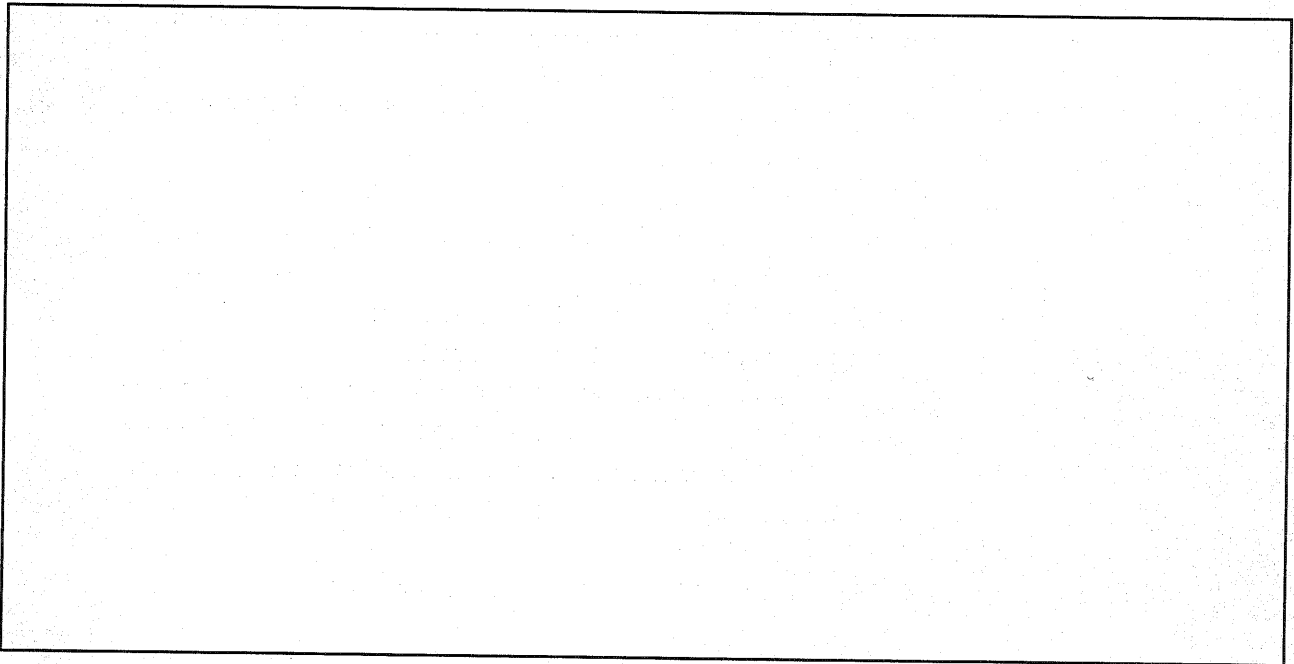
POOL, SPA OR HOT TUB SPECIFICATIONS

BUILDING PERMIT # _____ DATE _____

INSTRUCTIONS: This form is to be attached, when completed, to the application for Building Permit.

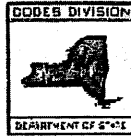
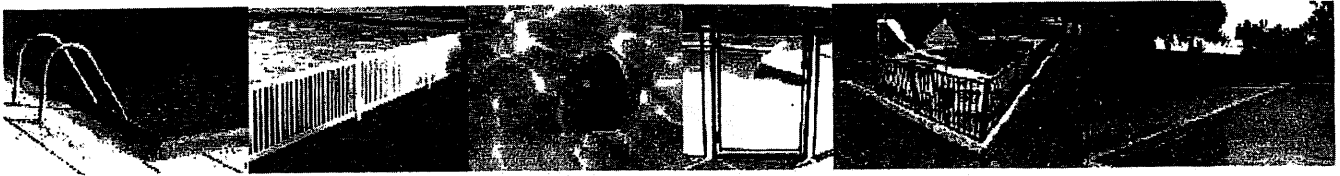
- This form must be completely filled out with a plot plan showing location of lot and location of pool, spa or hot tub and how it is enclosed. ****Installed****
- CE200 (www.businessexpress.ny.gov/app/answers/cms/a_id/2263/kw/CE) or Insurance forms.
- Property line set-back must be maintained (6' side yard and 6' rear yard).
- Pool, Spa or Hot Tub specifications and/or brochure of the structure must be provided (may be obtained by pool, spa and/or hot tub supplier/wholesaler).
- Name of installer, address and phone number.
- Name of electric installer, address and phone number.
- Electric work must be done and inspected by an approved Electrical Agency.
- Fee for in-ground pools \$75 Base fee/\$25 Cert of Compliance
- Fee for above ground pool, spa or hot tub \$45 Base fee/\$25 Cert of Compliance

Please use space below for plot plan of pool, spa or hot tub.

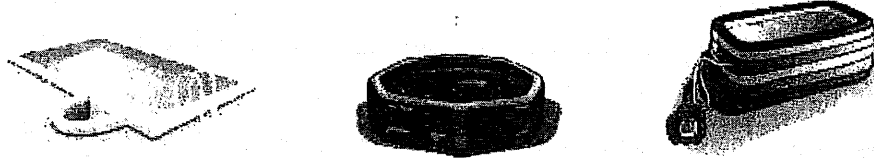


Date Recvd: _____

By: _____



New York State Department of State
Swimming Pool Rules and Regulations
found in the Uniform Fire Prevention and Building Code
(The "Uniform Code")



The term "Swimming Pool" means any structure intended for swimming, recreational bathing or wading which contains or which is designed to contain water over 24 inches deep. This includes in-ground, above-ground and on-ground pools; indoor pools; hot tubs; spas; and fixed-in-place wading pools.

A Detailed Summary of Swimming Pool Safety Requirements can be found in the DOS document titled Current Requirements for Swimming Pools contained in the Uniform Fire Prevention and Building Code (The "Uniform Code") (htm) ([click here for PDF version](#))

Please contact your local municipality for additional Code and Zoning Requirements. Local laws regarding fencing and other safety requirements for swimming pools may be more restrictive than requirements for swimming pools contained in the Uniform Code.



Pool Alarms

Brief Summary of Alarm Requirements for Residential Swimming Pools:

Every swimming pool that is installed, constructed or substantially modified after December 14, 2006 must 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;

is audible poolside and at another location on the premises where the swimming pool is located;

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.

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 must be installed.

Pool alarms are not required in:

a hot tub or spa equipped with a safety cover or

any swimming pool (other than a hot tub or spa) equipped with an automatic power safety cover

Specific Swimming Pool Alarm Requirements can be found in 19NYCRR Part 1228 or in the DOS document titled "Current Requirements for Swimming Pools contained in the Uniform Fire Prevention and Building Code (The "Uniform Code")"

PERMANENTLY INSTALLED SWIMMING POOLS

ELECTRICAL WIRING REQUIREMENTS

2008 National Electrical Code / 2010 Residential Code of New York State
www.iaei-rochester.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. If a pump motor receptacle is located between 6' - 10' from the inside pool wall, the receptacle must be a single twist-lock outlet, grounded, and Ground Fault Circuit Interrupter (GFCI) protected.
 - b. Receptacle must have a weatherproof cover that can be closed when the cord is plugged in. (In-use type cover)
 - c. An Automatic Timer (Time Switch) must be installed on swimming pool pumps.
 - d. The circuit line for the pump motor must be a continuous line going directly to the panel box, and is to be isolated from all other receptacles.
 - e. Wire for the pump motor shall not be less than #12 AWG insulated copper grounded wire, and must be in conduit. (except when entering a building the wire can change to NM) (Cannot use NM wire in conduit)
 - f. Conduit
 - i. PVC - All PVC conduit* must be buried at least 18" deep (12" if GFCI protected)
 - 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

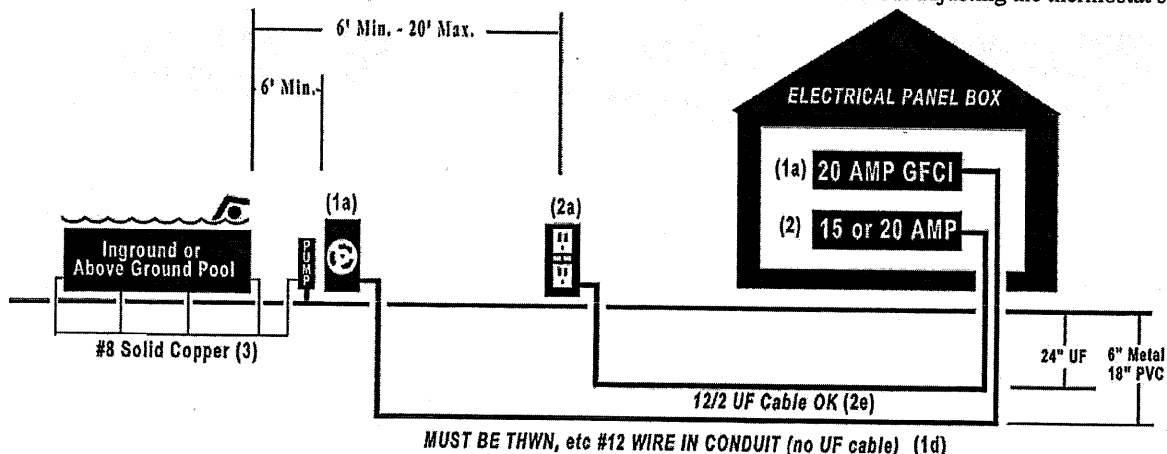
- a. At least one (1) 15- or 20-ampere convenience receptacle must be located not closer than 6' but not further than 20' from the outside pool wall (Can be existing and/or wired with any approved wiring method)
 - b. Convenience receptacle must be Ground Fault Circuit Interrupter (GFCI) protected.
 - c. Must have a weatherproof cover where exposed to the weather (In-use type cover required on used, unattended, receptacles in wet locations)
 - d. Must be separate from the pool pump receptacle wiring.
 - e. Wiring
 - i. UF cable if buried must be at least 24" deep
 - ii. PVC - All PVC conduit* must be buried at least 18" deep (12" if GFCI protected)
 - iii. 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)

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.
- 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 metal must be in the water to bond the water

4) Other

- a. Building Permits are required. Secure a Building Permit prior to beginning work from your municipality
- b. Pool Alarms are required (Check with your local Building Department for additional information)
- c. If a Pool Heater is present, an Automatic Timer (Time Switch) must be installed on the pool heater and must be equipped with a readily accessible on-off switch to shut off the heater without adjusting the thermostat setting.



PLEASE CONTACT YOUR LOCAL INSPECTOR IF YOU HAVE ANY QUESTIONS

www.iaei-rochester.com

~ 2011 ~

New York State Department of State
Swimming Pool Rules and Regulations found in the Uniform Fire Prevention and Building
Code (The "Uniform Code")

Additional Pool Requirements

Additional pool requirements such as anti-entrapment devices (suction fittings), safety glazing, backflow prevention, pool heaters and other requirements may be found in the Uniform Fire Prevention and Building Code and the Energy Conservation Construction Code of New York State or by contacting your local municipality or the Department of State Codes Division at (518)-474-4073.

Please contact your local municipality for additional Code and Zoning Requirements. Local laws regarding fencing and other safety requirements for swimming pools may be more restrictive than requirements for swimming pools contained in the Uniform Code.

New York State Department of Health

Additional Pool requirements can be found at the NYS Department of Health Website at <http://www.health.state.ny.us/nysdoh/phforum/nycrr10.htm> (click on *Table of Contents* then *NEXT* till SUBPART 6-1 SWIMMING POOLS.) Subpart 6-1 does not apply to swimming pools, or other bathing facility, owned and/or maintained by an individual for the use of family and friends.

Helpful Pool Safety Links



NYS Department of Health
Website
<http://www.health.state.ny.us>



US Consumer Product Safety Commission (CPSC)
(Swimming Pool Safety Tips)
www.cpsc.gov/CPSCPUB/PREREL/prhtm/74/74056.html



CPSC Pool and Spa Safety Publications
www.cpsc.gov/CPSCPUB/PUBS/chdown.html



The American Red Cross
www.redcross.org



National Safe Kids Campaign
www.safekids.org



Centers for Disease Control
<http://www.cdc.gov>



NSF International
<http://www.nsf.org>



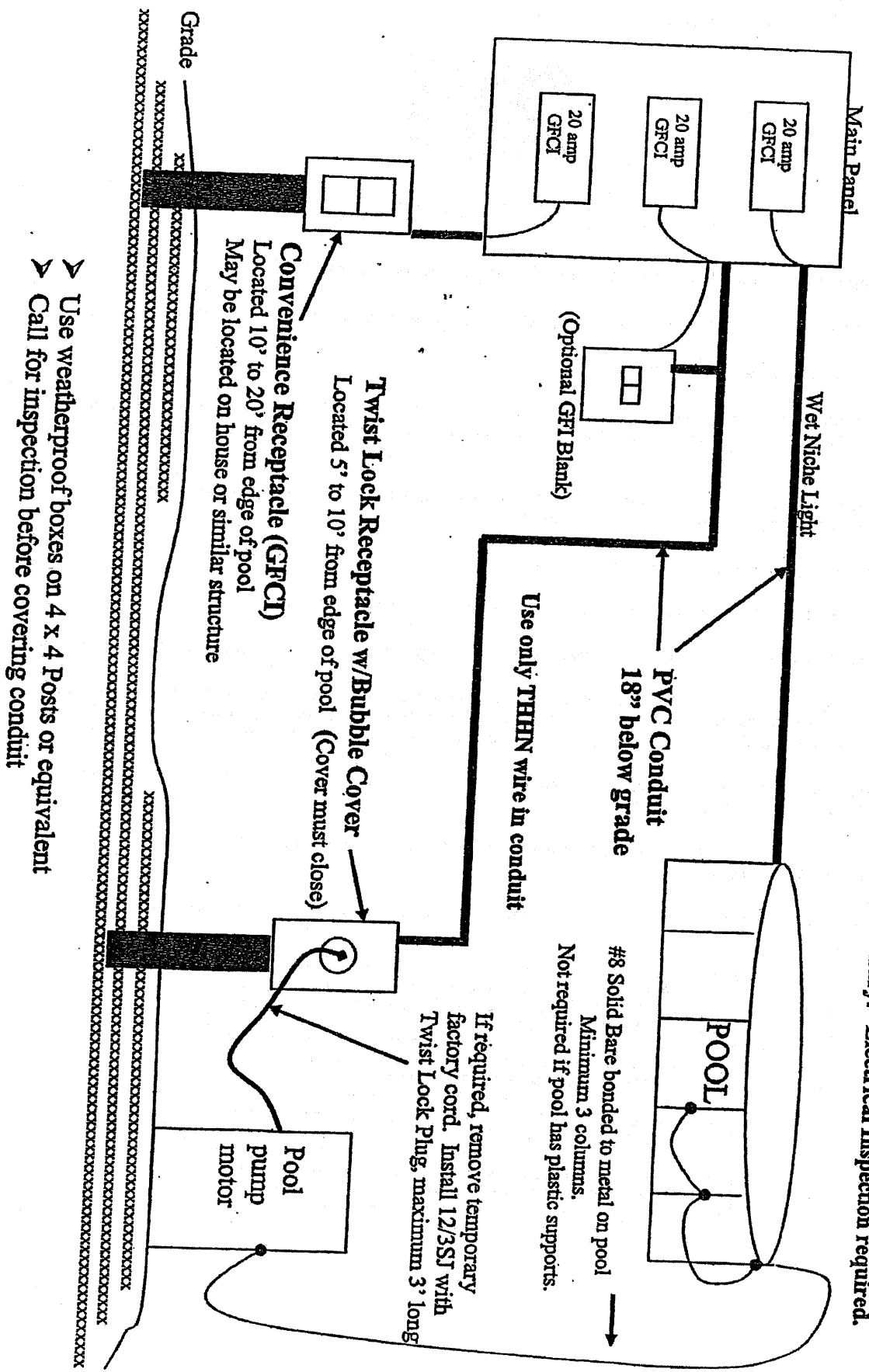
Underwriters
Laboratories
Underwriters Laboratories
<http://www.ul.com>



The Association of
Pool & Spa Professionals
National Spa and Pool Institute
<http://www.nspi.org>

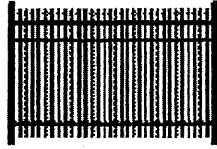
General guide for electric installation for a swimming pool. Contact an Electrical Inspector first!

Notice: This graphic depiction is for reference only. Contact a qualified electrician if necessary. Electrical Inspection required.



- > Use weatherproof boxes on 4 x 4 Posts or equivalent
- > Call for inspection before covering conduit

New York State Department of State
Swimming Pool Rules and Regulations found in the Uniform Fire Prevention and Building
Code (The "Uniform Code")



Pool Barriers (Fences)

Brief summary of Barrier Requirements for Outdoor Residential Swimming Pools:

The barrier must completely surround the swimming pool and must obstruct access to the swimming pool.

The barrier must be at least 4 feet (48 inches) high.

In the case of an above-ground pool, the barrier may be at ground level or mounted on top of the pool structure; however, if the barrier is mounted on top of the pool structure, the space between the top of the pool structure and the bottom of the barrier cannot exceed 4 inches.

A building wall can form part of the required barrier. However, where a wall of a dwelling serves as part of the barrier, at least one of the following requirements must be satisfied:

the pool must be equipped with a powered safety cover

all doors with direct access to the pool through that wall must be equipped with an alarm

other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body

In the case of an above-ground pool, the pool structure itself can serve as a part of the required barrier, provided that the pool structure is sufficiently rigid to obstruct access to the pool. However, 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, then:

the ladder or steps shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier

when the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter sphere.

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

Specific Barrier requirements can be found in the DOS document titled "Current Requirements for Swimming Pools contained in the Uniform Fire Prevention and Building Code (The "Uniform Code")"

Barrier requirements for One-and Two-Family Dwelling Swimming Pools can be found in Appendix G, Residential Code of New York State

Barrier requirements for Residential Swimming Pools can be found in Chapter 31, Section 3109, Building Code of New York State

Barriers requirements for Public Swimming Pools can be found in Chapter 31, Section 3109, Building Code of New York State