Building Department
15 Rope Ferry Road
Waterford, CT
(860) 444-5826

Swimming Pool Installation Guide

TOWN OF WATERFORD, CT
BUILDING DEPARTMENT
15 ROPE FERRY ROAD
WATERFORD, CT 06385

(860) 444-5826 FAX (860) 444-5879

REQUIRED INSPECTIONS

ABOVE GROUND POOL

- **Rough Inspection**: Depth of trench, bonding of steel pool structure and pump.
- **Final Inspection**: Completion of all electrical work, barrier completion, pool access with proper latch mechanism, pool alarm and ladder inspection.

IN GROUND POOL

- **Rough Inspection:** Proper bonding of all steel, including ladder cups, diving board mounts, light niches, fencing within 5 feet of pool, deck mesh and any permanent equipment.
- Electrical trench inspection for lighting circulation equipment and 120 volt GFCI receptacle less than 20 feet and more than 10 feet of pool edge.
- **Final Inspection**: Completion of all electrical work, barrier and access gate and pool alarm.

HOT TUBS

- **Rough Inspection**: Trench inspection for electrical if needed.
- **Final Inspection**: Wiring and safety cover. 120 volt GFCI receptacle within 10 feet to 20 feet of hot tub.

PLEASE NOTE: THE PERMITTEE IS RESPONSIBLE FOR ALL INSPECTIONS

Electrical Installation shall comply with either:

1. IRC 2003 – International Residential Code – Chapter 41, or
2. NEC – 2005 National Electrical Code, Article 680

DEFINITIONS

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, above-ground 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.

ABBREVIATIONS

AG107.1 – General

ANSI – American National Standards Institute, 11 West 42nd St., New York, NY 10036

ASTM – ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428

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

2003 INTERNATIONAL ENERGY CONSERVATION CODE

504.3 – Swimming Pools – Swimming pools shall be provided with energy-conserving measures in accordance with Sections 504.3.1 through 504.3.3.

> **504.3.1 – On-off switch.** All pool heaters shall be equipped with an ON-OFF switch mounted for easy access to allow shutting off the operation of the heater without adjusting the thermostat setting and to allow restarting without relighting the pilot light.
> **504.3.2 – Pool covers.** Heated swimming pools shall be equipped with a pool cover. **Exception:** Outdoor pools deriving more than 20 percent of the energy for heating from renewable sources (computed over an operating season) are exempt from this requirement.
> **504.3.3 – Time clocks.** Time clocks shall be installed so that the pump can be set to run in the off-peak electric demand period and can be set for the minimum time necessary to maintain the water in a clear and sanitary condition in keeping with applicable health standards.

ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

AG106.1 – 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.

AG106.2 – 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.

AG106.3 – Atmospheric vacuum relief system required. All pool and spa single or multiple outlet circulation systems shall be equipped with atmospheric vacuum relief should gate 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.

A106.4 – 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.

AG106.5 – 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).

BARRIER REQUIREMENTS

AG105.1 – 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.

AG105.2 – Outdoor swimming pool. An outdoor swimming pool, including in-ground, above-ground or on-ground pools, hot tubs and spas shall be provided with a barrier that shall comply with the following:

1. The top of the barrier shall be at least 48 inches above grade measured on the side of the barrier that faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 2 inches measured on the side of the barrier that 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.
2. Openings in the barrier shall not allow passage of a 4-inch diameter sphere.
3. Solid barriers that do not have openings, such as masonry or stone walls, 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, the horizontal members shall be located on the swimming pool side of the barrier. Spacing between vertical members shall not exceed 1¾ inches in width. Where there are decorative cutouts within vertical or horizontal members, spacing within the cutouts shall not exceed 1¾ inches 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 or more, spacing between vertical members shall not allow passage of a 4-inch diameter sphere. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1¾ inches in width.
6. Maximum mesh size for chain link fences shall be 2¼ inches square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1¾ inches.
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 1¾ inches.
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 though 7 and shall be equipped to accommodate a locking device. 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 that 54 inches from the bottom of the gate, the release mechanism and surrounding openings shall comply with the following: The release mechanism shall be located on the pool side of the gate at least 3 inches below the top of the gate and the gate and barrier shall have no opening greater than ½ inch within 18 inches of the release mechanism.
9. Where a wall of a dwelling serves as part of the pool barrier, one of the following conditions shall be met:

9.1 The pool shall be equipped with a power safety cover in compliance with ASTM F 1346-91; or

9.2 All 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 its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds within 7 seconds after the door and its screen, if present, are opened and be capable of being heard throughout the house during normal activities. The alarm shall automatically reset under all conditions. The alarm shall be equipped with a manual means, such as a touch pad or switch, to temporarily deactivate the alarm for a single opening. Such deactivation shall last for not more than 15 seconds. The deactivation device(s) shall be located at least 54 inches above the threshold of the door; or

9.3 All doors with direct access to the pool through that wall shall be equipped with a self-closing and self-latching device with the release mechanism located a minimum of 54 inches above the door threshold. Swinging doors shall open away from the pool area.

10. Where an above-ground or on-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 surrounded by a barrier which meets the requirements of section AG105.2, Items 1 through 9

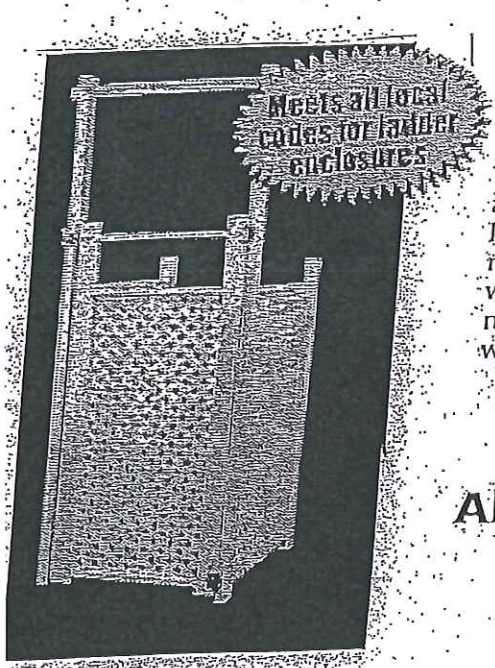
AG105.3 – Indoor swimming pool. All walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

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.

AG105.6 – Temporary enclosure. A temporary enclosure shall be installed prior to the commencement of the installation of any in-ground swimming pool unless the permanent barrier specified in Section AG105.2 is in place prior to the commencement of the installation. The temporary enclosure shall be a minimum of 4 feet in height, shall have no openings that will allow passage of a 4-inch sphere and shall be equipped with a positive latching device on any openings.

AG105.7 – Pool alarm. No building permit shall be issued for the construction or substantial alteration of a swimming pool at a residence occupied by, or being built for, one or more families unless a pool alarm is installed with the swimming pool. As used in this section, "pool alarm" means a device that emits a sound of at least 50 decibels when a person or an object weighing 15 pounds or more enters the water in a swimming pool. **Exception:** Hot tubs and portable spas shall be exempt from this requirement.

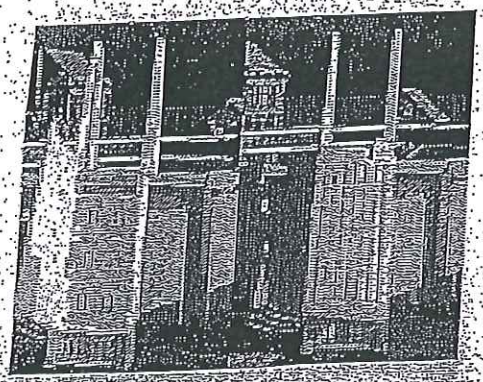


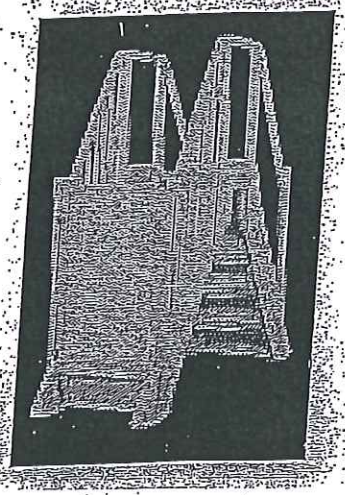
Example

DELUXE A-FRAME LADDER ENCLOSURE

This rugged enclosure is made from maintenance-free vinyl and is designed to fit all conventional A-frame ladders. It is a three-sided enclosure with a spring-loaded, self-closing, self-latching and lockable gate that meets all code requirements for ladder enclosures. Attractive lattice work makes this enclosure a welcome addition to any A-frame ladder. Pre-assembled and easily installs in 5 minutes. Bring your pool up to all safety codes and avoid unnecessary accidents with our deluxe ladder enclosure. 5-Year Warranty.

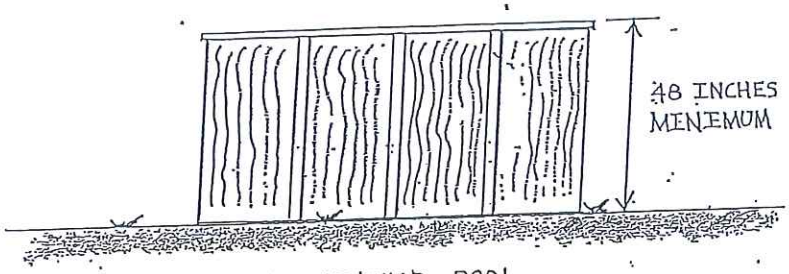
Above Ground Pool Ladders





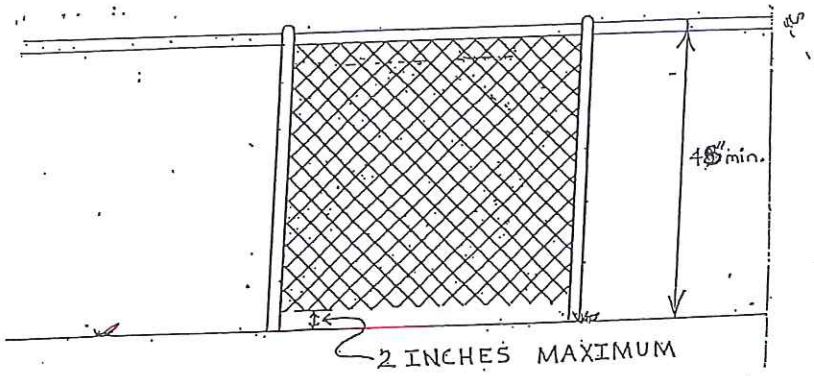
BARRIERS

THE ABOVE GROUND SWIMMING POOL STRUCTURE COULD BE THE BARRIER IF:



ABOVE GROUND POOL

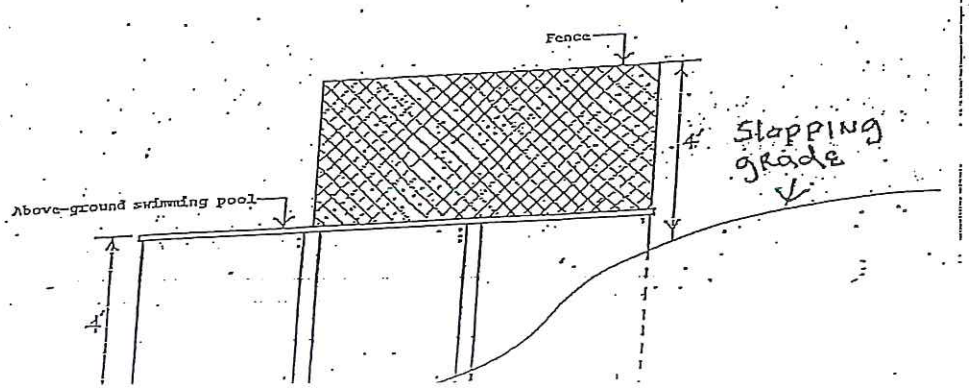
IRC-SECTION AG105.2, ITEM 1



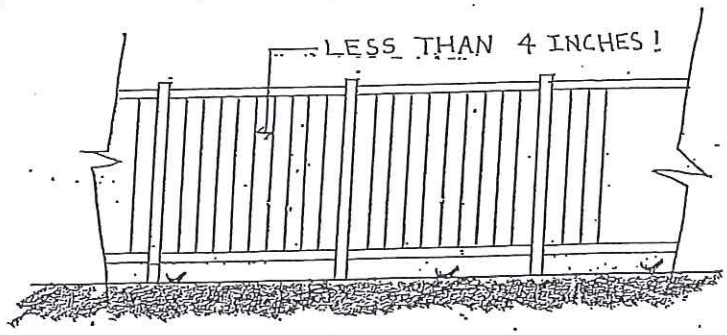
OUTSIDE OF THE POOL ENCLOSURE

IRC-SECTION AG105.2, ITEM 1

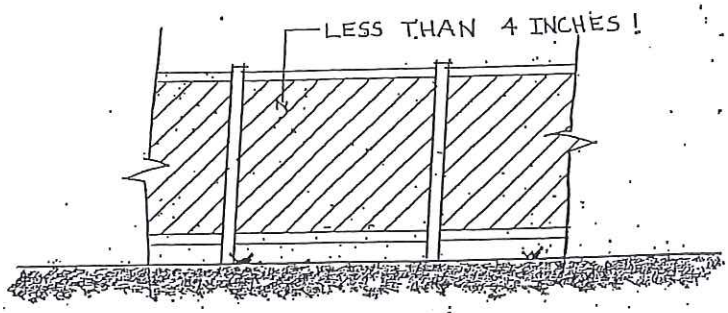
The above-ground pool shown below, which varies in grade, would allow small children access into the swimming pool. A fence attached to the pool, where the pool is less than 4 feet above the underlying ground, is one way to be in compliance with Subsection AG105.2 ITEM 10.



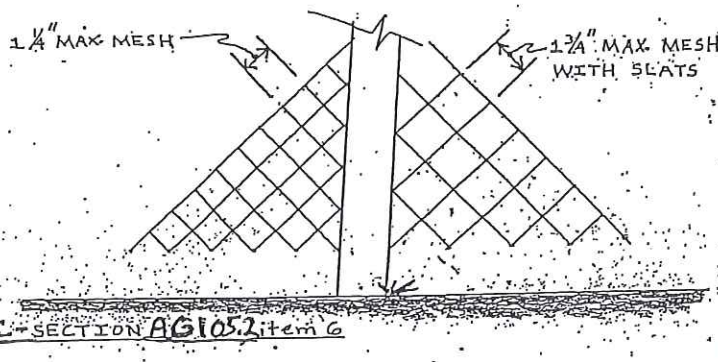
FENCES



IRC-SECTION AG105.2, ITEM 2



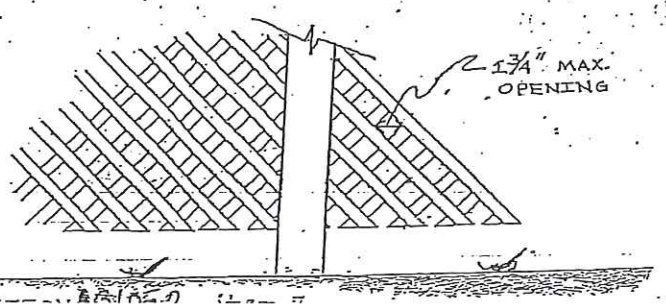
CHAIN LINK FENCE



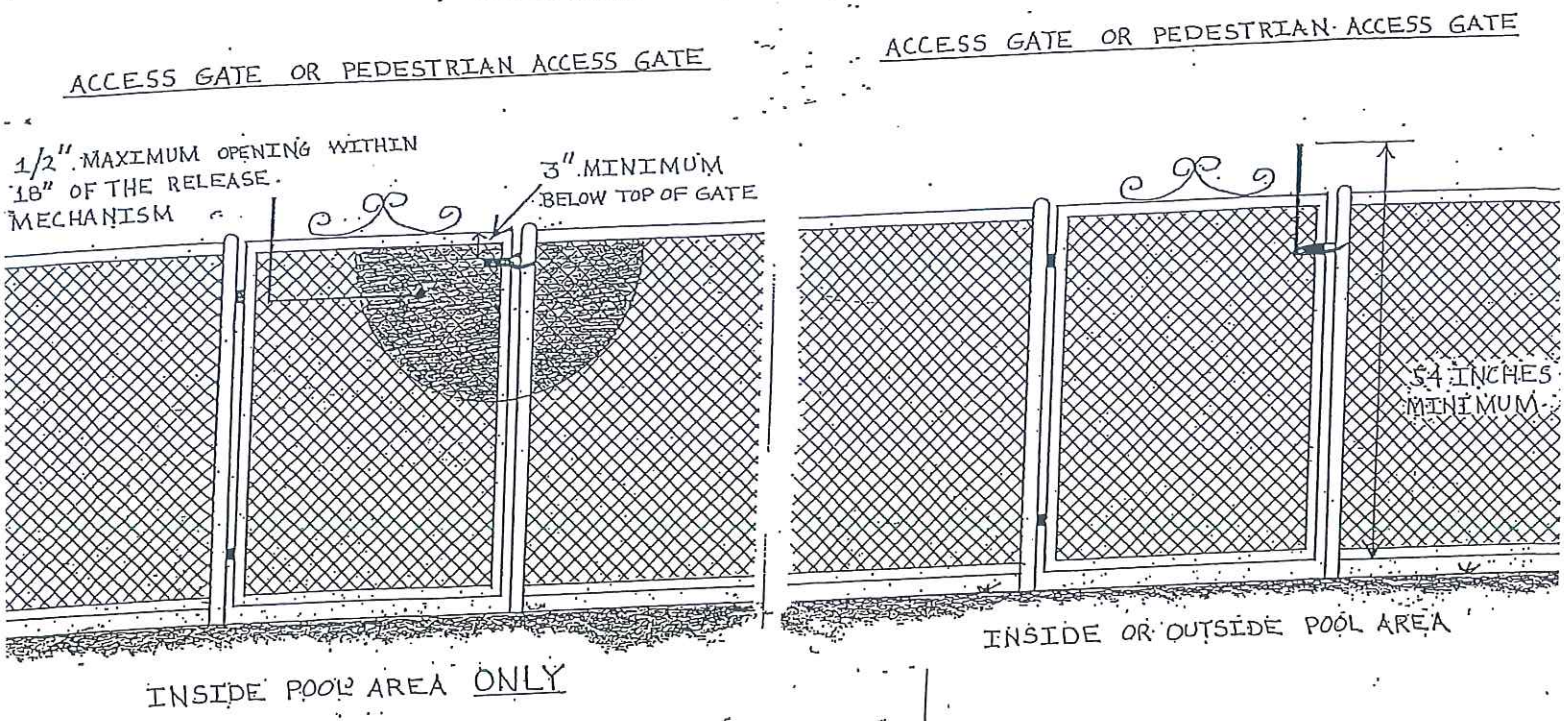
IRC-SECTION AG105.2 item 6

ELEVATION

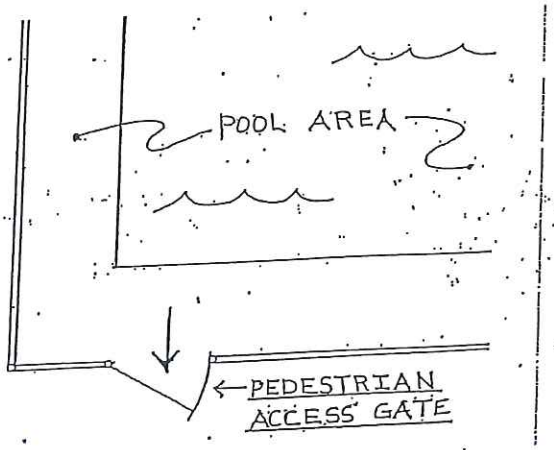
LATTICE FENCE



IRC SECTION AG105.2, ITEM 8



ELEVATION



SHALL: COMPLY W/ ITEMS 1–7,
EQUIPPED TO ACCOMODATE A LOCKING DEVICE;
OPEN OUTWARDS AWAY FROM POOL;
SELF-CLOSING,
SELF-LATCHING.

IRC-SECTION AG105.2, ITEM 8

PROPER DISPOSAL OF RESIDENTIAL SWIMMING POOL WASTEWATER WITHIN THE TOWN OF WATERFORD

Treatment and Control Requirements; Best Management Practices; Other Special Conditions. The requirements below are as per Connecticut Department of Environmental Protection regulations.

1. **Public and Private Residential Pools**

   A. **Town Sewer System Discharge** – The permittee may discharge swimming pool wastewater from a public or private residential pool to the town sewer system through a sanitary sewer provided that the following conditions are met:

      1. The pH of the discharge shall be between 5.5 and 10.0 standard units.
      2. For swimming pool draining and cleaning wastewater, total residual bromine or chlorine shall be less than 1.0 mg/1 as determined by a test kit commonly used in the pool industry. For swimming pool backwash wastewater, total residual bromine or chlorine shall be less than 3.0 mg/l as determined by a test kit commonly used in the pool industry.

   B. **Surface Water Discharge** – The permittee shall not discharge swimming pool acid cleaning, pressure wash or swimming pool filtration backwash wastewaters to any surface water or wetland.

      Swimming pool draining wastewaters may be discharged from a public or private residential pool to a surface water provided the following conditions are met:

      1. The pH of the discharge shall be between 6.5 and 8.0 standard units.
      2. Total residual chlorine or bromine shall be non-detectable as determined by a test kit commonly used in the pool industry (less than 0.1 mg/l).
      3. The discharge shall not cause foaming or discoloration of the receiving waters.
      4. No algae or sanitation control treatment chemicals, other than those that are bromine or chlorine based, are used. Chemicals to adjust the pH may also be used.
      5. The discharge shall not cause the scouring of stream, river or estuarine bottoms or wetlands.

C. **Ground Surface Discharge** – Swimming pool filtration backwash wastewater from a public pool shall not be discharged to the ground surface unless authorized by the local Director of Health. All other swimming pool wastewater may be discharged to the ground surface provided the following conditions are met:

1. The pH of the discharge shall be between 6.5 and 8.5 standard units.
2. Total residual chlorine or bromine in discharges of swimming pool draining wastewater shall be less than 1.0 mg/l as determined by a test kit commonly used in the pool industry.
3. Total residual chlorine or bromine in discharges of swimming pool filtration backwash wastewater from a private residential pool shall be less than 3.0 mg/l as determined by a test kit commonly used in the pool industry.
4. The discharge shall seep directly into the ground and not run off into a surface water body, storm drain, wetland or onto adjacent property.
5. The discharge shall be located at least 25 feet from any water supply well, subsurface sewage disposal system or surface water body.

D. **Dedicated Subsurface Disposal System Discharge** – Swimming pool wastewater may be discharged from a public or private residential pool to a dedicated subsurface leaching system (dry wells, galleries, etc. designed to receive pool water and not sewage) provided the following conditions are met:

1. The pH of the discharge shall be between 6.5 and 8.5.
2. The location of the dedicated pool water leaching system shall meet required setback distances from wells and onsite sewage disposal systems per the Connecticut Public Health Code.

E. **Pool Bottom Drains** – Bottom drains on pools constructed afer the issuance date of this permit shall not be directed to any surface water, wetland, or storm drainage system.

2. **Surface Water Discharges Within a Public Water Supply Watershed** – The drainage of a public or private residential pool within a public water supply watershed shall be performed in such a way as to minimize soil erosion and maximize absorption of the discharge by the soil. Such discharge shall terminate at least 100 feet from the edge of an established watercourse, unless such termination is impractical. In areas where the 100 foot separation is not possible, the discharge shall be controlled so that the flow energy is dissipated, thereby lessening the impact on nearby watercourses.

3. **Collection and Transport of Swimming Pool Wastewater** – Any person or municipality may install treatment and/or storage facilities for the collection of swimming pool wastewater produced on-site and provide for the transport of these wastewaters to the town sewer system for further treatment in accordance with this paragraph with the prior approval of the town sewer

system authority. It should be noted that all wastewaters to be hauled to the town sewer system shall 1) meet the effluent limits specified in Section 5 of the general permit prior to transport, and 2) be transported in a manner acceptable to the commissioner. Any holding tank constructed for the storage of swimming pool wastewater shall comply with the following:

a. For above ground installations, the holding tank shall be surrounded by a berm which is capable of retaining 100% of the volume of the holding tank
b. An audible high level alarm system set at 80% tank capacity shall be installed and properly maintained for prevention of spills.
c. For below ground installations, the holding tank shall comply with the construction standards outlined in Section 22a-449(d)-1(e) of the Regulations of Connecticut State Agencies.

TOWN OF WATERFORD

HEALTH DEPARTMENT

I. Disposal of Pool Backwash Water

Backwash water is full of bacteria, and should not be drained into the public sewer, into a storm drain, toward or into any body of water (ocean, stream, river, brook, marsh, swamp), onto a neighboring property, nor in any manner which creates a health nuisance.

II Separation Distances

A Inground Pools
1 25 feet from a septic system;
2 25 feet from a well.

B Above-ground Pools
1 10 feet from a septic system;
2 10 feet from a well.

Please show the locations of your septic system and well on your building permit application.

Swimming Pool Safety Tips

1. Never leave a child alone out of eye contact supervision in or near the pool or spa – not even for a second.

2. Young children should never be considered water-safe despite their swimming skills, previous instruction or experience.

3. Access to the pool or spa should be limited by locked doors or gates whenever swimming or soaking cannot be supervised.

4. Teach your child good pool or spa safety habits: no running, no pushing playmates, no jumping on others, no diving or jumping in shallow water or dunking.

5. Do not rely solely on plastic innertubes, inflatable arm bands or other toys to prevent accidents.

6. Keep toys, particularly tricycles or wheel toys away from the pool or spa. A child playing with these could accidentally fall into the water.

7. Do not allow anyone of any age to swim without a spotter nearby. Examples of good safety behavior by adults are important for young children.

8. During social gatherings, be certain that someone has the major responsibility for watching the children and swimmers at all times.

9. Do not permit playful screaming for help (false alarms) which might mask a real emergency.

10. Teach your child the most effective way to get out of the pool or spa quickly.

11. Do not allow your child to swim immediately after eating a heavy meal.

12. Do not allow swimming during thunder or other storms.

13. Do not allow glass in the pool or spa area.

14. Do not allow the use of drugs or alcohol by persons using the pool or spa or in the pool or spa area.

Drowning Prevention Tips

Drowning prevention information is not for someone else. It is for you. Because only increased awareness and effort can we reduce some very alarming statistics.

Drowning is one of the largest causes of accidental death for American infants and children under the age of five.

The following contains tips on how to help prevent these unfortunate accidents. Read on and learn how you can help make your pool or spa area safer for children.

1. There is no substitute for adequate supervision.

2. Pools and spas are attractive to children and children must be kept away from them in the absence of adequate supervision. A fence, wall or natural/artificial barrier should completely enclose your pool or spa. All gates or doors with access to the pool or spa should have a spring lock, self-closing and self-latching mechanism that protects against unauthorized entry and use. (The inside latch should be above the reach of toddlers or young children.) Check with your state and local government to learn their specific legal requirements concerning fencing around pools and spas. You cannot be too cautious. If your pool, spa or hot tub is indoors, lock the door to the room or have a cover that locks to keep out children and other unauthorized users.

3. Do not place objects (e.g. chairs or tables) near the pool or spa fence that could allow a youngster to climb over. Tree limbs and low overhanging roofs should be removed or made inaccessible.

4. A float line stretched across a pool indicating where the deep end begins can avoid a dangerous excursion by young children into water over their heads.

5. A clear view of the pool or spa from the house should be assured by removing vegetation and other obstacles. Trespassers or unexpected swimmers can be discovered by an occasional glance at the pool or spa area.

6. Reaching and throwing aids should be kept on both sides of the pool. These items should remain stationary and not be misplaced through play activities.

7. Pools or spas should never be used if any of the grate outlets are missing or broken.

8. Make certain that all windows and doors leading from the house to the pool or spa area are securely latched to prevent small children from getting to the pool.

9. If you use a pool or spa cover carefully read and follow the manufacturer's directions for safe installation, use and maintenance. Always completely remove the cover before using your pool or spa to avoid the possibility of anyone – especially a small child – being trapped and drowning under the cover. Drain any standing water from the surface of your pool or spa cover. An infant or small child can drown in even the smallest amount of water. Be especially alert for the potential for drowning accidents if you use any of the lightweight, floating pool or spa covers. These floating covers are not solid and no one can crawl or walk on them. They are not for safety.

II. LOCATION OF SUBSURFACE SEWAGE DISPOSAL SYSTEMS

A. Minimum separating distances

The minimum separating distances specified in Table 1 are required and shall be maintained between the cited items and subsurface sewage disposal systems, except for approved piping. Tables 2, 2-C and 2-D list specific applications whereby approved piping shall have reduced separating distances to cited items. Groundwater control systems only need to comply with the separating distances cited in Item G. Proposed relocation of lot lines reviewed pursuant to PHC Section 19-13-B100a (e) shall comply with the distances cited in Item I. Separating distance compliance shall be based on horizontal measurements except for non-vertical closed loop geo-exchange bore holes that utilize measurements taken from the closest portion of the bore hole.

Table 1

Item	Separating Distance (Feet)	Special Provisions
A. Water supply well (potable, open loop geo-exchange, irrigation), spring or domestic water suction pipe. Required withdrawal rate: < 10 gal. per minute 10 to 50 gal. per minute > 50 gal. per minute	 75 150 200	1. Separating distance to leaching system shall be doubled if the percolation rate is faster than one minute/inch and system is less than eight (8) feet above ledge rock. 2. Separating distance shall be increased as necessary to protect the sanitary quality of a public water supply well. 3. Separating distance between a domestic water suction pipe and a septic tank/pump chamber/grease interceptor tank shall be reduced to 25 feet if tank is verified to be watertight.
B. Human habitation on adjacent property	15	Building without drains. See item G for distance to building with drains.
C. Building served	15	Building without drains. See item G for distance to building with drains. Separating distance to a septic tank/pump chamber/grease interceptor tank shall be reduced to 10 feet for building served without drains.
D. Open watercourse	50	When not located on a public water supply watershed, distance shall be reduced as necessary to not less than 25 feet on lots in existence prior to the effective date of this regulation (8/16/82) and thereafter recorded as required by statute.
E. Public water supply reservoir	100	
F. Surface or groundwater drain constructed of solid pipe	25	Tight pipe with rubber gasketed joints or approved equal (See Table 2-C) are exempted from this requirement as long as the pipe excavation is not backfilled with free draining material, however no tight pipe shall be less than 5 feet from system. Leakage tests may be required to verify water tightness.
G. Groundwater drains (curtain, foundation, footing etc.), stormwater infiltration or retention/detention system Upgradient or on sides Downgradient	 25 50 (2)	1. No such drain shall be constructed downgradient of a leaching system for the purpose of collecting sewage effluent regardless of the distance. 2. Distance to septic tank/pump chamber/grease interceptor tank shall be reduced to 25 feet if tank is verified to be watertight.
H. Top of embankment (Downgradient and on sides of leaching system)	10	Cuts within 50 feet downgradient of leaching systems shall not be allowed if bleed-out conditions are possible.
I. Property line Upgradient or on sides Downgradient	 15 (2) 25 (2,3)	1. Separating distance to septic tank/pump chamber/grease interceptor tank and reserve leaching system shall be reduced to 10 feet. 2. Separating distance shall be reduced to 10 feet if the top of the leaching system is below original grade, grading rights from the affected property owner are secured, or retaining walls are utilized (See Section VIII A for retaining wall provisions). 3. Separating distance between the primary leaching system and downgradient property line shall be reduced to 15 feet if MLSS is not applicable or on flat groundwater table lot.
J. Potable water and irrigation lines that flow under pressure	10	Excavations between 10 – 25 feet from system shall not be backfilled with free draining material.
K. Below ground swimming pool	25	See item G for downgradient pools with drains.
L. Above ground swimming pool	10	Includes hot tubs.
M. Accessory structure	10	Structure shall have no footing drains. See item G if drains provided. Structure without full wall, frost protected footings shall be reduced to 5 feet.
N. Utility service trench (Underground electric, gas, phone services, etc.)	5	Excavations between 5 – 25 feet from system shall not be backfilled with free draining material.
O. Water treatment wastewater system	10	See Section X.
P. Closed loop geo-exchange system Bore hole (BH), Trench Geo-exchange piping to BH, Trench	 50 10	Separating distance to a septic tank/pump chamber/grease interceptor tank shall be reduced to 25 feet if tank is verified to be watertight. Excavations between 10 – 25 feet from system shall not be backfilled with free draining material.

Pools and Spas

Minimum Permit Application Requirements

Note: Please keep in mind that a complete application with all required information will help expedite the application process. The following information is provided to assist in preparing a complete application package but in no way guarantees application approval or compliance with all applicable code requirements. It is the responsibility of the applicant to provide a complete and code compliant building permit application with supporting documentation.

General Requirements

___Completed building permit application form (available in permitting office)

___Submission of two sets of all drawings and information is required. One set will be returned with comments and/or conditions of approval and is to be left at the job site during construction.

___Zoning approval is required prior to issuance of the building permit.

___Building permit application(s) will not be accepted if taxes or utility commission fees are owed on the property.

___If the applicant is not the homeowner, a "Letter of Authorization" from the homeowner shall be submitted with the application.

___A certificate of insurance for workers' compensation coverage must be provided by contractors or a sworn notarized affidavit provided, stating that the homeowner / agent will require proof of workers' compensation insurance for all those employed on the job site.

___All contractors that perform pool maintenance or repair work must have a SP-1 license issued by DCP.

___Electrical, Plumbing and other trades are required to be licensed in Connecticut. A copy of their license and proof of insurance will be required at the time of application for a permit.

Minimum Plan Requirements

___ Plans shall be drawn to scale (1/4" per ft. preferred) and shall include the following:

- Site plan(s) 1"=20'
- Pool plan and details
- Dimensions, specifications and details as required to convey the scope of work.

___ Plans shall show all retaining walls, decks, porches, overhangs, stairs or other similar features along with all construction details, dimensions and material call-outs. Retaining walls may require engineered plans.

___ Plans shall show the proposed pool barrier, access gates and details if pool is in-ground.

Special Requirements

___ If the existing property is serviced by a private septic system and/or a private well, the plans will need to be reviewed by Ledge Light Health District. The plans will be forwarded to Ledge Light by this office prior to building department review.

Other Requirements

___ Contractor / Owner shall keep one set of the approved plans readily available on the job site at all times during the construction.

___A separate electrical permit will need to be secured for this project.

___The pool pump must be provided with a time clock so the pump can run during off-peak hours for energy conservation.

___A GFIC receptacle in addition to the dedicated pump receptacle shall be provided between 10' and 20' of the pool edge.

___If any decks or stairs are proposed around the pool, separate plans will need to be submitted for review and approval.

___Installation shall be in strict accordance with all manufacturers' installation requirements, building codes and the "Pool Installation Guide" that you can receive from this office. Should there be any conflict in requirements, please consult this office for clarification.

___The owner / contractor is responsible for contacting this office for the required inspections including the final inspection. A schedule of inspections form can be obtained in the permitting office.

___ A cost estimate as described in the Permit Fees page shall be provided.