

Revised January 1, 2015

TOWN OF LONDONDERRY BUILDING DEPT. 432-1100 ext. 115

**THE FOLLOWING INFORMATION IS REQUIRED WHEN FILING FOR A
POOL PERMIT.**

FOR ABOVE GROUND POOLS

1. **Plot Plan with location of proposed pool, existing house, leachfield, septic tank, well.**

The proposed pool location should show dimensions from the all the property lines, (and perimeter lines if you live in a PRD) the house, leachfield, septic tank & well. (See example diagram in pool information packet).

FOR INGROUND POOLS

1. **Plot Plan with location of proposed pool, existing house, leachfield, septic tank, well.**

The proposed pool location should show dimensions from the all the property lines, (and perimeter lines if you live in a PRD) the house, leachfield, septic tank & well. (See example diagram in pool information packet).

Layout and specifications of pool enclosures. (Fences, etc.)

2. **Copy of pool brochure and/or specifications showing:**

*How the pool is put together

*What it is made of (plastic, aluminum, wood etc...)

*Size (dimensions including width, length & height)

*Diving board information if applicable.

FOR BOTH ABOVE GROUND AND INGROUND POOLS

NOTE: A separate electrical permit (\$35.00) will be required by the person doing the work. (Master NH Licensed Electrician or homeowner if the dwelling is owner occupied, it's a single family dwelling and there are no rental units or apartments.)

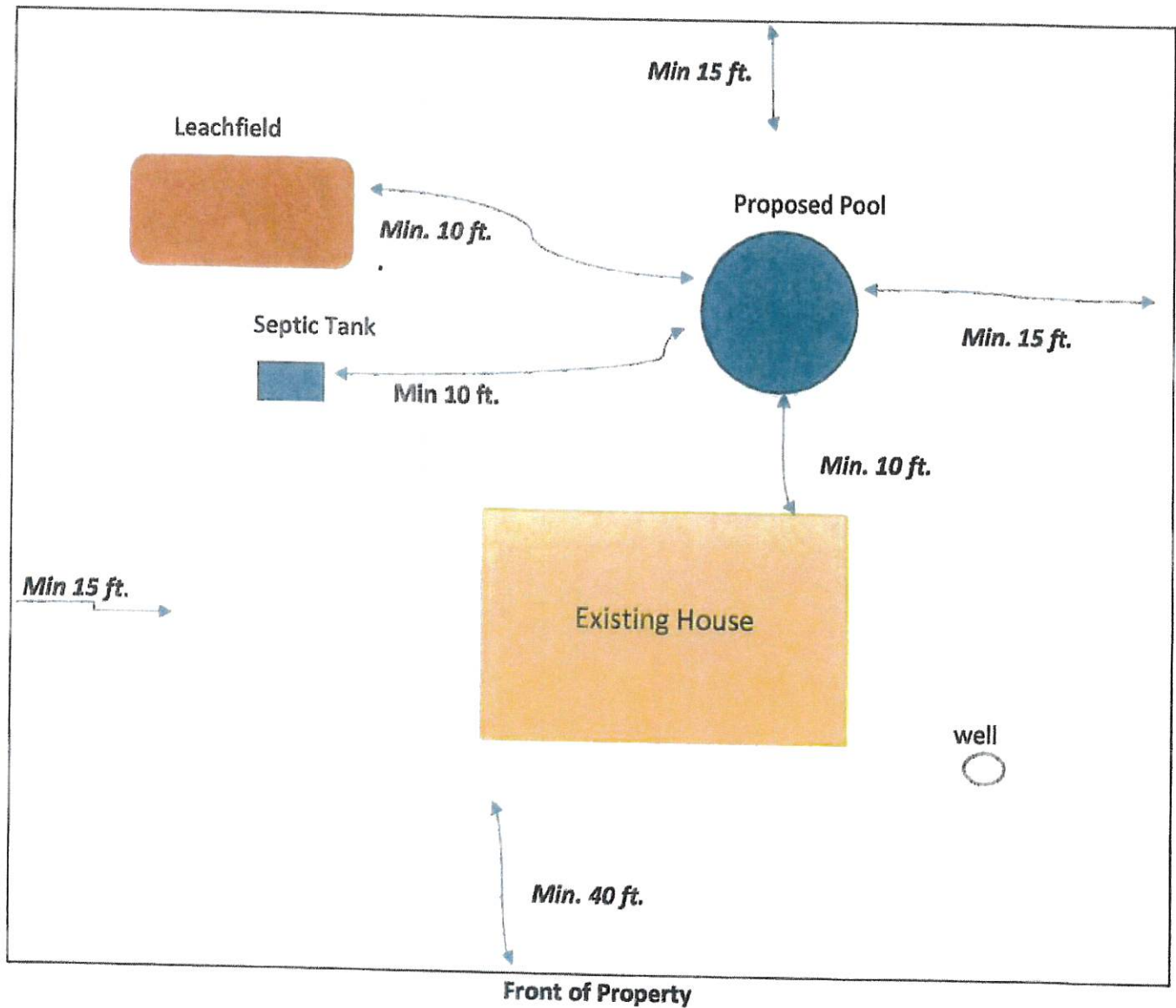
Permit fees: A \$25.00 application fee is required when submitting an application and the permit fee will be \$6.00/\$1,000 of estimated construction cost.

POOL SETBACK REQUIREMENTS

- Side & back property lines 15 ft. minimum
- Front property line or any property line that faces a street and/or right-of-way 40 ft. minimum
- House Foundation 10 ft. minimum
- Well 10 ft. minimum
- Septic Tank 10 ft. minimum
- Leachfield 10 ft. minimum**

** (35 ft. minimum for inground pools from down-slope side of leachfield)

EXAMPLE PLOT PLAN



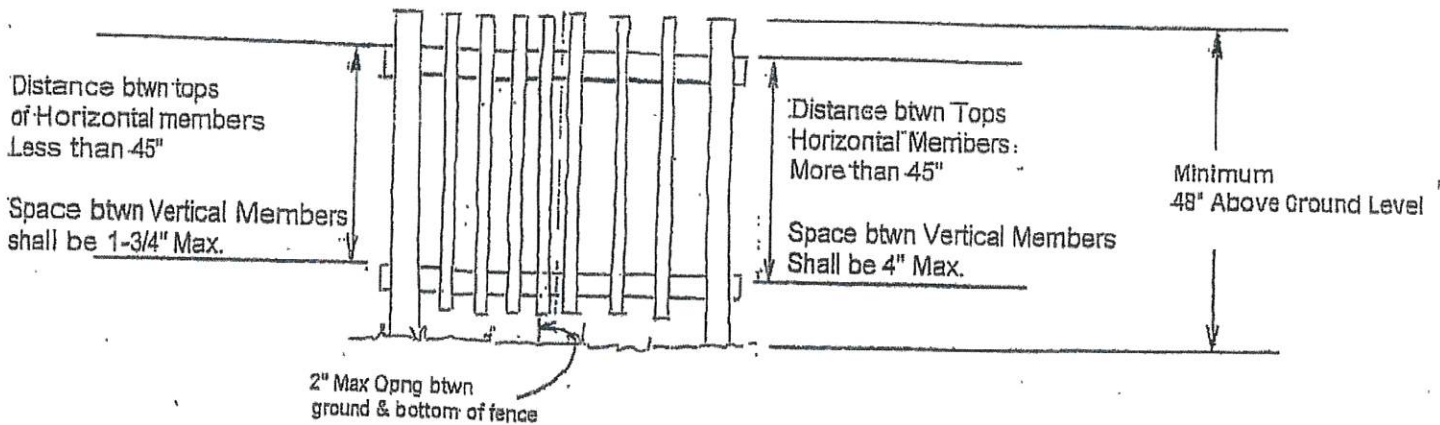
BASIC POOL WIRING REQUIREMENTS

All pool wiring shall conform to Article 680 of the 2020 National Electric Code.

1. A number eight or larger solid copper wire bonding wire is required between all metallic parts of the pool structure, pump motor, and other metallic parts within three feet of the inside wall of the pool. Walls of a metal pool structure or the reinforcing steel of a concrete pool shall be attached to the bonding grid at four points around the perimeter of the pool. **NEC 680.26**
2. A 125-volt, 15- or 20-amp general purpose GFCI receptacle is required within six to 20 feet of the inside wall of pool. Wiring to pool pump motor shall comply with **NEC 680.22 (A)(1) through (5)**.
3. A 125-volt GFCI receptacle for the circulation and/or sanitation system (pool pump) is permitted no less than six feet (1.83M) from the inside wall of the pool. **NEC 680.22 (A)(2)**
A weather tight "in-use" type cover shall be used. **NEC 406.9 (B)(1)**
4. Wiring to the pump motor and associated equipment must be installed according to the wiring methods in **NEC 680.21**. Electrical conduit with the minimum cover as required by **NEC Table 300.5** (i.e. 12 inches for 125-volt GFCI protected in PVC conduit). A disconnecting means shall be provided in accordance with **NEC 680.13**.
5. Wiring to the pump motor must be done with three conductors, including a green insulated copper grounding conductor, minimum size of number 12. **NEC 680.21 (A)(1)** U.F. type direct burial wire, **CANNOT** be used for a pump motor circuit. **NEC 680.21 (A)(1)**
6. Any of the wiring methods recognized in Chapter 3 of the 2020 NEC shall be permitted to be used in the interior of one family dwelling units for the pump motor circuit. **NEC 680.21 (A)(1)**
7. The flexible cord, if used for the pump motor, cannot exceed three feet in length, with number 12 copper grounding conductor. **NEC 680.21 (A)(3)**
8. All electrical outlets (receptacle or direct connect) shall be protected, including pool motors, protected by GFCIs. (125-volt) **NEC 680.22 (A)(4)**
9. Perimeter surfaces with rebar or wire mesh shall be bonded in four uniformly spaced points around the perimeter of the pool. **NEC 680.26 (B)(2)**
10. An intentional pool water bond must be a minimum of nine square inches shall be installed in direct contact with the water. **NEC 680.26 (C)**

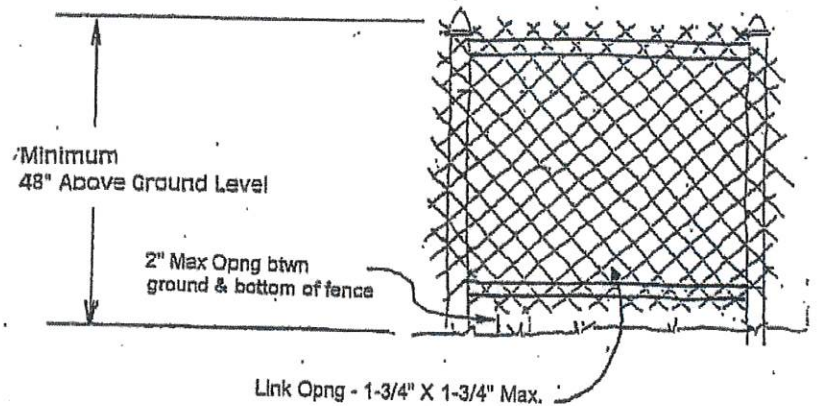
POOL ENCLOSURE REQUIREMENTS

PICKET FENCE ENCLOSURE



CHAIN LINK or LATTICE ENCLOSURE

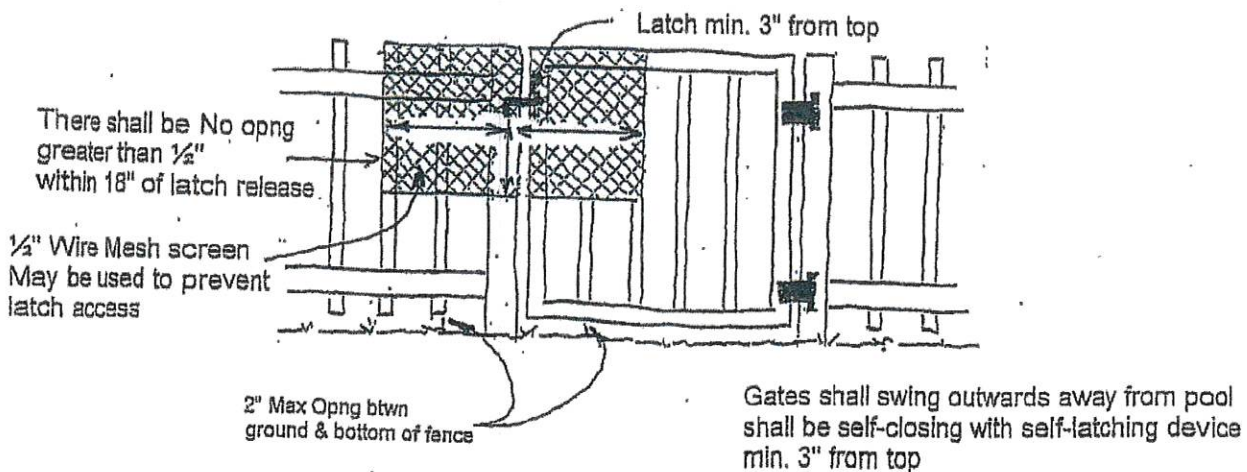
Above-ground Pool with adjacent deck with stairs to ground level shall be protected with an Access Gate described below



Where a wall of the house is part of the pool enclosure which has a door that provides direct access to the pool the door shall be:

- a. Equipped with an audible alarm,
- Or
- b. Equipped with a self-closing and self-latching device. Latch release shall be located a minimum 54" above floor

ACCESS GATES



FOR ABOVE-GROUND POOLS A REMOVABLE LADDER IS AN ACCEPTABLE ALTERNATIVE TO AN ENCLOSURE, PROVIDED THE LADDER CAN BE SECURELY LOCKED OR REMOVED TO PREVENT ACCESS

ACCESS GATES FOR POOL DECKS

Above-ground Pool with adjacent deck with stairs to ground level shall be protected with an Access Gate as described below

