

RESIDENTIAL BUILDING PERMIT APPLICATION

Approved by: _____

Date: _____

Permit Fee: \$ _____

Applicable Code Edition _____

Map & Lot _____

(FOR OFFICE USE ONLY)

ADDRESS _____ (no.) (street)	ZONING DISTRICT _____ Is this lot within the Flood Plain? _____
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TYPE OF IMPROVEMENT AND PROPOSED USE

1. <u>Check one:</u> <input type="checkbox"/> Addition (please specify) _____ <input type="checkbox"/> Remodel (please specify) _____ <input type="checkbox"/> Garage <input type="checkbox"/> Attached or <input type="checkbox"/> Detached <input type="checkbox"/> Pool <input type="checkbox"/> Above or <input type="checkbox"/> Inground <input type="checkbox"/> Shed <input type="checkbox"/> on blocks or <input type="checkbox"/> footings <input type="checkbox"/> Deck <input type="checkbox"/> Porch <input type="checkbox"/> Other _____ _____ _____	2. Enter size of proposed structure (s): _____ x _____ _____ x _____ 3. <u>COST</u> Electrical work to be done? <input type="checkbox"/> yes <input type="checkbox"/> no Plumbing work to be done? <input type="checkbox"/> yes <input type="checkbox"/> no TOTAL COST OF CONSTRUCTION \$ _____ (Total cost of improvement should include materials & labor costs)
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AS OF 9/15/19 ALL WORK SHALL COMPLY WITH THE 2015 INTERNATIONAL RESIDENTIAL CODE (IRC)

OWNER INFORMATION				
NAME	MAILING ADDRESS	CITY & STATE	ZIP CODE	TEL #

CONTRACTOR INFORMATION				
NAME	MAILING ADDRESS	CITY & STATE	ZIP CODE	TEL #

I hereby certify that the proposed work is authorized by the owner of record and that I have been authorized by the owner to make this application as his authorized agent and we agree to conform to all applicable laws of this jurisdiction

_____ <u>APPLICANT NAME</u> Print _____ Signature _____ Phone Number _____ Email Address: _____	_____ <u>ADDRESS (If different from above)</u>	_____ <u>DATE</u>
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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.)

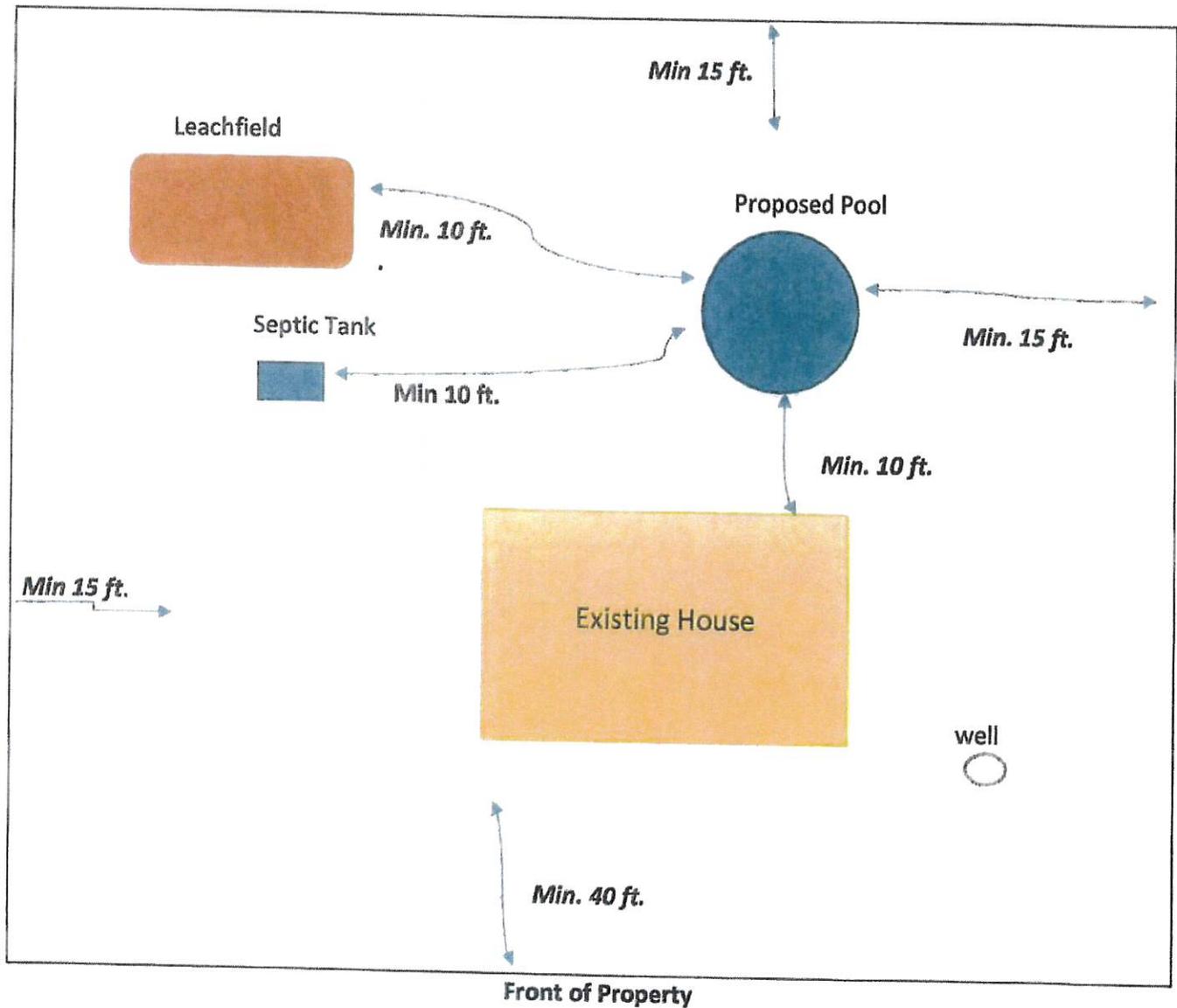
Permit fees: A \$25.00 application fee is required when submitting an application and the permit fee will be \$6.00/\$1,000 of estimated construction cost.

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



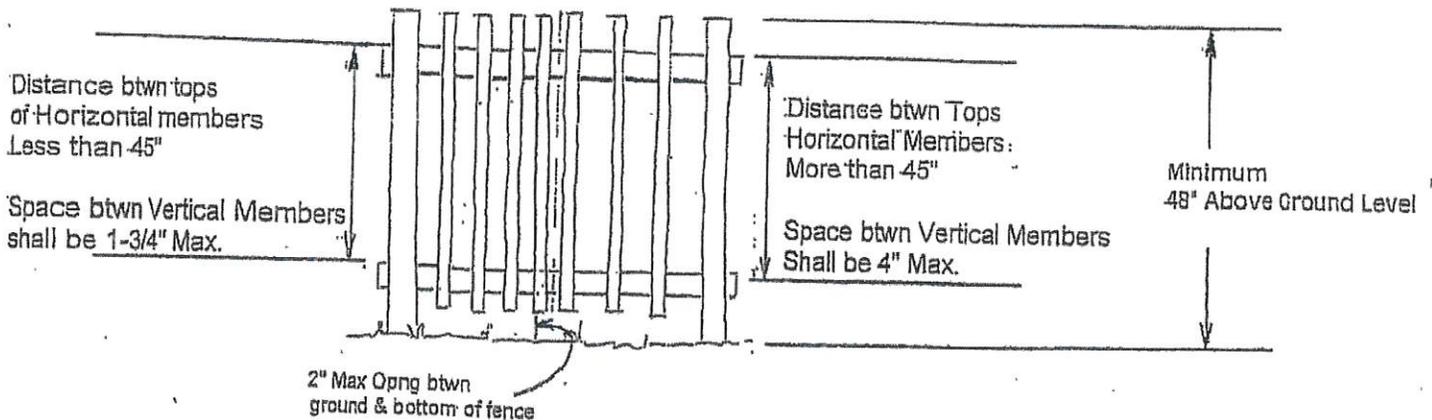
BASIC POOL WIRING REQUIREMENTS

All pool wiring shall conform to Article 680 of the 2017 National Electric Code.

1. A number 8 or larger solid copper wire bonding wire is required between all metallic parts of the pool structure, pump motor, and other metallic parts within 3 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 4 points around the perimeter of the pool. **NEC Section 680.26**
2. A 125 volt, 15 or 20-amp general purpose GFCI receptacle is required within 6 to 20 feet of the inside wall of pool. Wiring to pool pump motor shall comply with **NEC 680.22 (A)(1) thru (5)**
3. A 125-volt GFCI receptacle for the circulation and/or sanitation system (pool pump) is permitted no less than 6 ft (1.83M) from the inside wall of the pool, **NEC Section 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 3 conductors, including a green insulated copper grounding conductor, minimum size of number 12. **NEC Section 680.21 (A)(1)**. U.F. type, direct burial wire, **CANNOT** be used for a pump motor circuit. **NEC Section 680.21 (A)(1)**.
6. Any of the wiring methods recognized in Chapter 3 of the 2008 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 3 ft in length, with number 12 copper grounding conductor. **NEC Section 680.21 (A)(3)**.
8. All electrical outlets (receptacle or direct connect) shall be protected, including pool motors, protected by GFCI’s. (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)**.
10. An intentional pool water bond must be a minimum of 9 sq inches shall be installed in direct contact with the water. **NEC 680.26 (C)**.

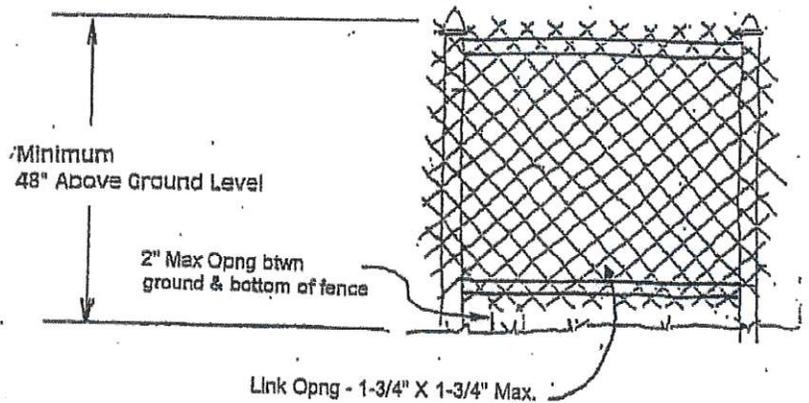
POOL ENCLOSURE REQUIREMENTS

PICKET FENCE ENCLOSURE



CHAIN LINK or LATTICE ENCLOSURE

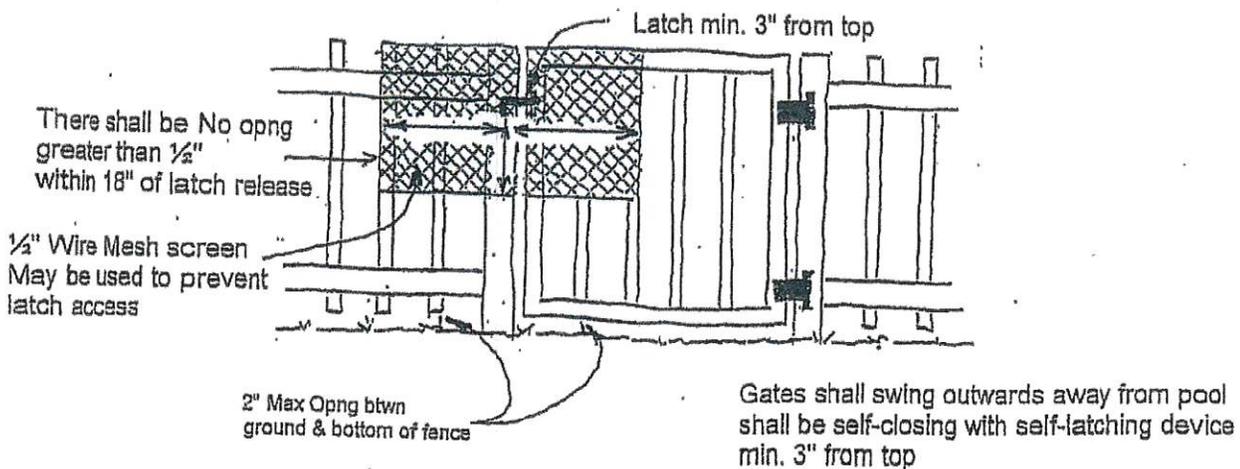
above-ground Pool with adjacent deck with stairs to ground level shall be protected with an Access Gate described below



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

