

**RESIDENTIAL BUILDING PERMIT APPLICATION**

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

Permit Fee: \$ \_\_\_\_\_

Applicable Code Edition \_\_\_\_\_

Map & Lot \_\_\_\_\_

*(FOR OFFICE USE ONLY)*

ADDRESS _____ <div style="display: flex; justify-content: space-around; width: 100%;"> <span>(no.)</span> <span>(street)</span> </div>	ZONING DISTRICT _____  Is this lot within the Flood Plain? _____
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**TYPE OF IMPROVEMENT AND PROPOSED USE**

1. Check one:

\_\_\_\_\_ Addition  
 (please specify) \_\_\_\_\_

\_\_\_\_\_ Remodel  
 (please specify) \_\_\_\_\_

\_\_\_\_\_ Garage \_\_\_\_\_ Attached or \_\_\_\_\_ Detached

\_\_\_\_\_ Pool \_\_\_\_\_ Above or \_\_\_\_\_ Inground

\_\_\_\_\_ Shed \_\_\_\_\_ on blocks or \_\_\_\_\_ footings

\_\_\_\_\_ Deck

\_\_\_\_\_ Porch

\_\_\_\_\_ Other \_\_\_\_\_

2. Enter size of proposed structure (s):

\_\_\_\_\_ x \_\_\_\_\_  
 \_\_\_\_\_ x \_\_\_\_\_

3. COST

Electrical work to be done? \_\_\_\_\_ yes \_\_\_\_\_ no

Plumbing work to be done? \_\_\_\_\_ yes \_\_\_\_\_ no

TOTAL COST OF CONSTRUCTION \$ \_\_\_\_\_

(Total cost of improvement should include materials & labor costs)

**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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**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.)

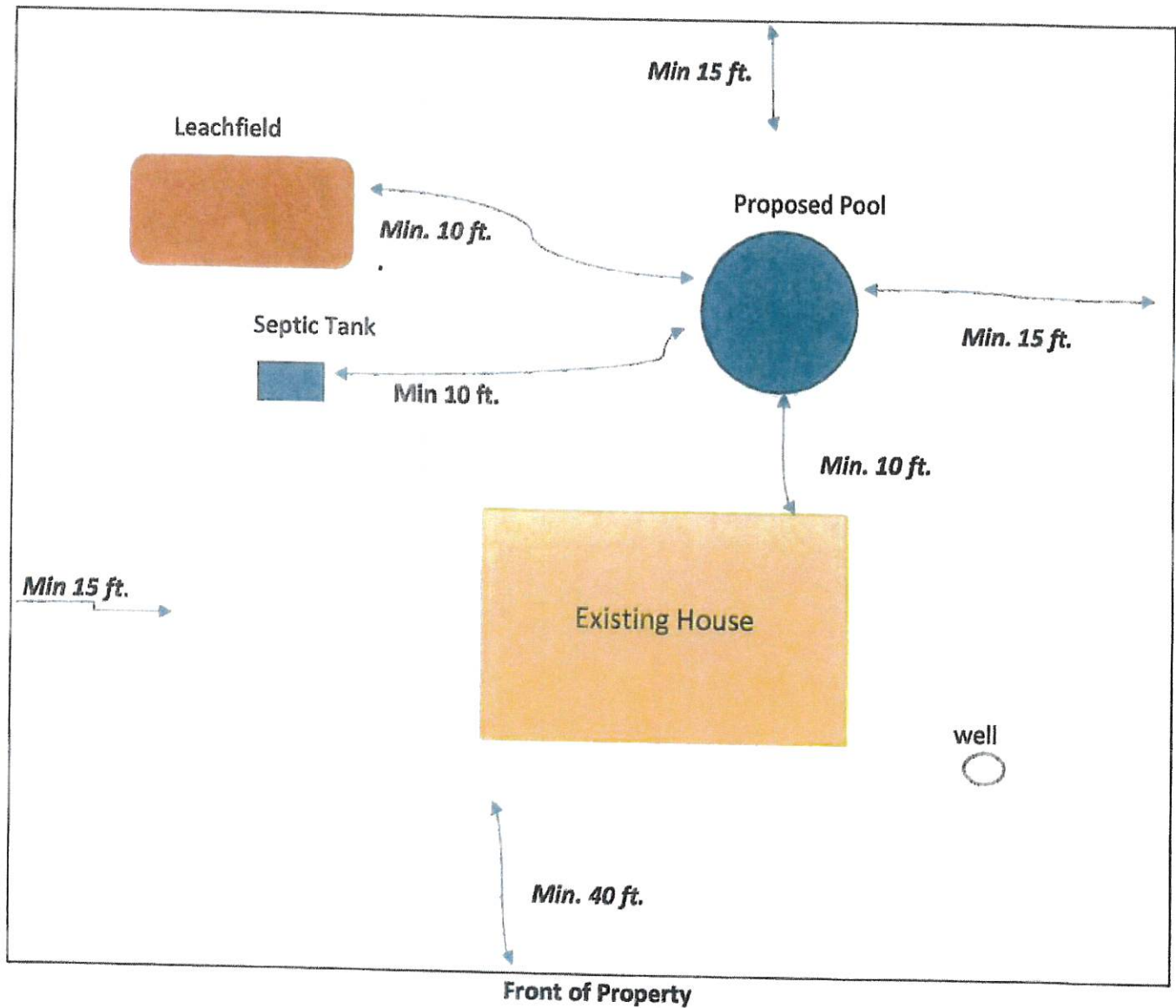
**Permit fees:** A \$25.00 application fee is required when submitting an application and the permit fee will be \$6.00/\$1,000 of estimated construction cost.

## 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





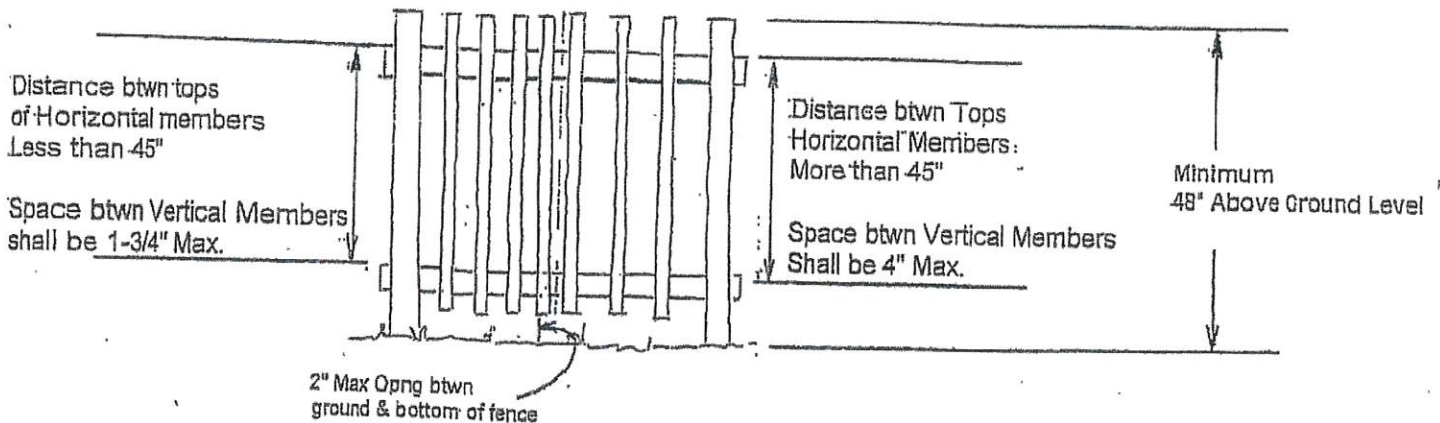
## BASIC POOL WIRING REQUIREMENTS

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

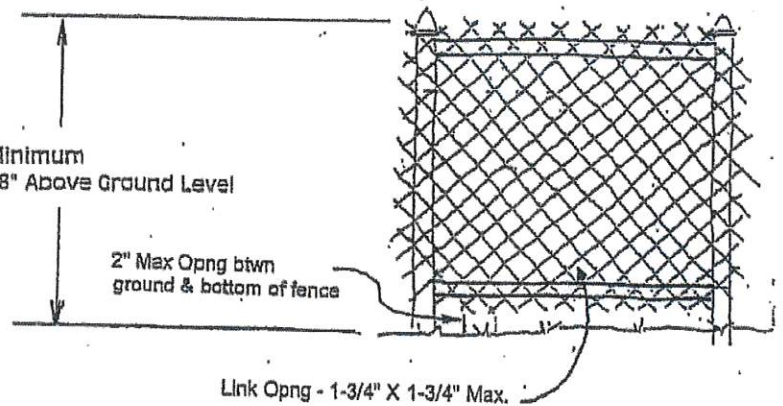


## CHAIN LINK or LATTICE ENCLOSURE

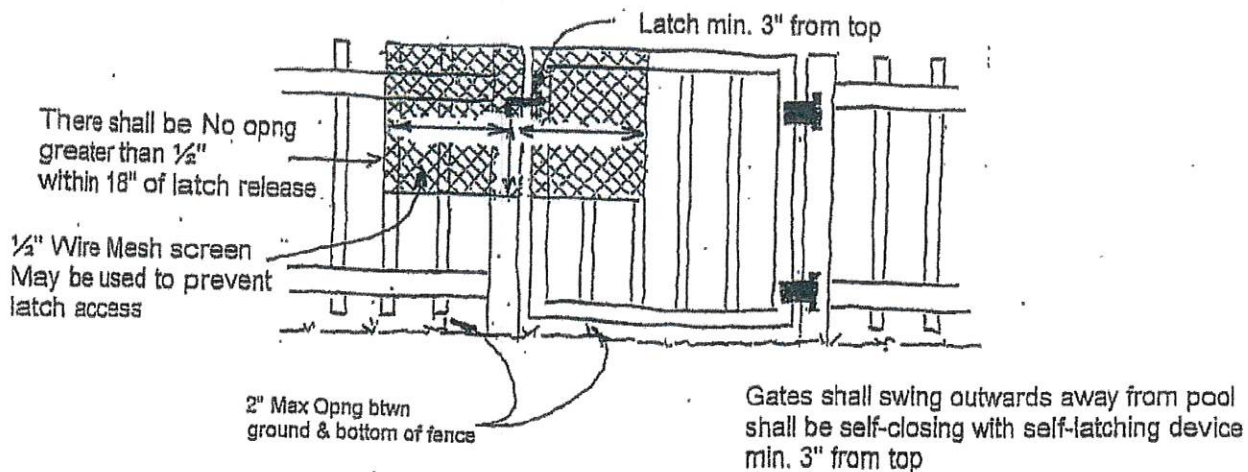
above-ground Pool with adjacent deck with stairs to ground level shall be protected with an Access Gate described below

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:

- Equipped with an audible alarm,
- Or
- 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

