

## **City of Lockport** **Pool and Hot Tub Requirements**

### **Location:**

- Pool to be at least 6 feet from both rear and side lot lines, but not in any easements. If located on a corner lot, pool must be located behind corner side yard which is typically 30 feet unless otherwise stated on plat of survey.
- Pool and/or pool deck must be located 6 feet from any fence and in the rear yard only. Show the location of pool drawn to scale on a copy of the survey.
- Cannot be located on any easements, as shown on the plat of survey.
- Must be at least 10 feet from the principal structure.
- Must be located at least 60 inches vertical and horizontal from any glazing that is not tempered.
- No overhead wires within 10 feet (measured horizontally) of pool.
- No underground wires within 5 feet (measured horizontally) of pool.
- It is the responsibility of the homeowner to verify the lot lines. The City of Lockport does not verify lot lines. If applicable, submit approval from Homeowners Association

### **Pools and Spas shall conform to 2015 ISPSC and 2014 NEC requirements**

### **Fence and/or Barrier:**

**Barrier height and clearances (fences):** 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, the barrier is authorized to be at ground level or mounted on top of the pool structure, and the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere. Solid barriers that do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances.

**Gates:** Gates must be self-closing and able to be locked. Access gates shall comply with the requirements of ISPSC Sections 305 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 remain locked when not in use. Release mechanisms shall be in accordance with Sections 305.3.3 Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, 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 0.5 inch within 18 inches of the release mechanism.

**Chain link dimensions:** Maximum mesh size for chain link fences shall be a 1.75 inch square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to no more than 1.75 inches.

**Pool structure as barrier:** 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 either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier which meets the requirements of Sections 305. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch-diameter sphere.

**Dwelling wall as a barrier:** Where a wall of a dwelling serves as part of the barrier following shall apply:

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/or its screen, if present, are opened. The alarm shall be listed in accordance with UL 2017. The audible alarm shall be capable of being heard throughout the house during normal household activities. The alarm shall conform to ISPSC.

**Type of Pool:**

**There are two types of pools.** You will need to determine which type you are installing. This determination will effect your electrical requirements. The two types of pool are On-ground Storable pool or Permanent in-ground.

**On-ground Storable pool:** A pool which can be disassembled for storage or transportation. This includes portable pools with flexible or no rigid walls that achieve their structural integrity by means of uniform shape, a support or a combination thereof, and that can be disassembled for storage or relocation.

**Permanent pool:** The type that is constructed in ground and not capable of structural integrity on their own. These pools are typically not taken down at the end of the season.

**SPA:** A product intended for the immersion of persons in temperature-controlled water circulated in a closed system, and not intended to be drained and filled with each use.

**Electrical:**

All electric should conform to the 2014 NEC.  
No extension cords are allowed. **(NO EXCEPTIONS)**

**Pool Heaters:**

If a pool heater is being installed, it must be installed per the manufactures instructions and the 2015 ISPSC. Underground piping must be plastic sized and rated for gas usage, installed at least 12" deep with a yellow copper tracer line attached at both ends. Gas lines must begin at meter with shut-offs and end with gas shut-off at heater. (Due to the volume of gas required to run gas heaters, it is generally not acceptable to tap into an existing gas line. Undersized piping can result in a carbon monoxide leak at other appliances.)

**Entrapment Protection for Swimming Pool and Spa Suction Outlets:**

Comply with all requirements of section 310 of the 2015 ISPSC. All suction outlets shall be protected against user entrapment. Suction outlets shall have an atmospheric vacuum relief and dual system outlets shall be not closer than 3 feet. Pool cleaner fitting shall be located per code or be attached to the skimmer.

**CONTRACTOR REGISTRATION**

All contractors doing work within the City of Lockport are required to register with the Building Department. A permit will not be issued until the contractor has become registered. \*If the homeowner is completing all of the work then registration is not required.

**STREET BOND**

Above ground pool and al in-ground pool installations require that a street bond be taken at the time of permit issuance. This bond is refundable once all final inspections have been approved. The purpose of this bond is to ensure that your yard and our streets are restored to their original condition once work is finished. Please make sure that all excavated dirt and debris is removed from your yard prior to setting up your final inspection. Once your final inspection has been approved, you can expect to receive your refund within 4-6 weeks. If you have not received your refund in the mail after 6 weeks, please give us a call.

**IMPERVIOUS SURFACE**

Any material or surface that prevents or impedes the absorption of water into the soil, including but not limited to: asphalt, paving, concrete, buildings, roof tops excluding eaves, sheds, swimming pools, and water features. Depending on the zoning of your property, the below chart shows the maximum amount of impervious surface allowed per district.

Zoning District	A-1	E-R	R-0	R-1	R-2	R-3	R-4
Max. Impervious Surface	40%	40%	60%	45%	45%	45%	45%

**\*All final inspections must be approved prior to using the pool or a fine will be issued to the homeowner\***

# Determine a Location for your Pool

## Important Note:

Ground preparation is one of the most important steps in the installation process. A **proper foundation** will ensure the rest of the pool assembly goes by smoothly and that no problems will occur when the pool is filled with water.

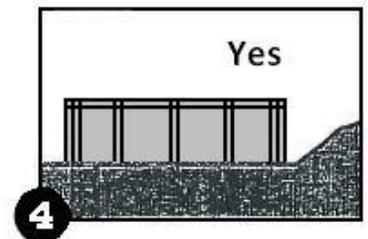
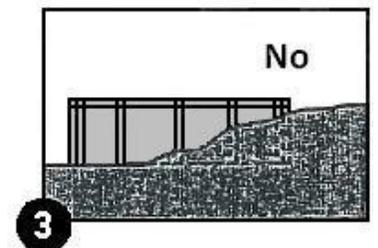
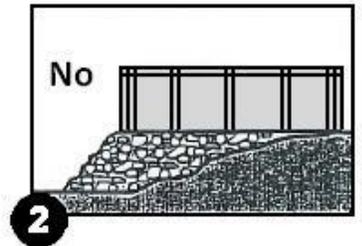
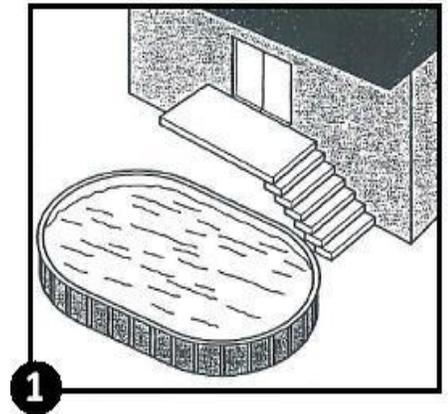
Open all of the frame cartons and read all of the instructions **before you begin**. Be sure to read Section 2 and get a complete overview of the pool base and buttress assembly before starting the ground preparation.

## The Terrain

Pay special attention to choosing the right location for your pool:

- Choose a large area, as flat and level as possible.
- Choose a spot on dry, firm earth—**do not** install the pool on concrete, asphalt, tarpaper, sand, gravel, peat moss, wood, or chemically treated soil.
- Check with your pool dealer to see if Nut Grass grows in your area. This type of grass may grow up through your pool liner. Your dealer will be able to advise how best to treat the site.
- Sloped areas will need to be made level by digging away high spots, **not** by filling low spots—be prepared to hire earth-moving equipment if necessary.
- Engineered retaining walls may be required

- (1) Pool installed in level yard
- (2) Pool installed on improper fill
- (3) Backfill in contact with pool sides
- (4) Pool properly installed in sloped yard





# CITY OF LOCKPORT

## SWIMMING POOL & HOT TUB APPLICATION

Applicant Name: \_\_\_\_\_ E-Mail \_\_\_\_\_ Phone #: \_\_\_\_\_

Project Address: \_\_\_\_\_

Estimated value of pool: \$ \_\_\_\_\_ Size of pool: \_\_\_\_\_

Property Owner: \_\_\_\_\_

What type of pool or spa? In-ground ( ) Above ground ( ) Spa or hot tub ( )

Does your subdivision have covenants regarding pools? Yes ( ) No ( )

Attached copy of Homeowner's Association approval? Yes ( ) N/A ( )

**Verify the following required items are included in submittal:**

- Scaled** Plat of survey showing the proposed location of the pool, with all dimensions clearly marked. Survey must also show all current conditions of lot including all structures with dimensions.
- Impervious surface detailed breakdown, either on survey or separate sheet
- Setbacks from all lot lines (rear and sides), house & any other structures (including fence)
- Manufacturers specifications/brochures on 1. Pool 2. Pump 3. Filter 4. Heater (if applicable)
- Approval from Homeowner Association (if required)

Pool Installer: \_\_\_\_\_

Electrical: \_\_\_\_\_

Excavator: \_\_\_\_\_

Pool Heater (gas line): \_\_\_\_\_

Concrete: \_\_\_\_\_

**Safety Barrier Information:**

Barrier Type & Height: \_\_\_\_\_ Existing ( ) or New ( )\*

\*New fences will require a separate permit to be submitted. Please see "Fence Guidelines"

**I hereby certify that I have read, understand, and agree to conform to all governing information and regulations set forth by the City of Lockport.**

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

**FOR OFFICE USE ONLY**

Permit #: \_\_\_\_\_ Permit Fee: \_\_\_\_\_ + \$100.00 Street Bond (for Pools)

Building Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Engineering Approval: \_\_\_\_\_ Date: \_\_\_\_\_

Comments: \_\_\_\_\_