



## REQUIREMENTS

- ❑ Location
  - Pools cannot be located in any easement.
  - Pool and equipment must be 8' from all property lines and 4 feet from the house. Inground pools shall be a minimum of 10' from the house. They must be 5' from any underground service wire and 22' measured horizontally from any overhead service wire and entirely behind the house.
- ❑ Water Treatment and Supply
  - Must turn over the pool water every 12 hours. Filters shall have a flow rating equal to or greater than the design flow rate of the system. All swimming pools must be the recirculation type. The circulation system must have a cleanable strainer or screen upstream of the circulation pump. All pool drain outlets must have gratings that are 4 times the cross-sectional area of the outlet pipe. The gratings must not be removable by bathers and will not injure the bathers' fingers.
  - All pools must be provided with a potable water supply through an air gage, complying with ASME A112.1.2, or a backflow prevention assembly, in accordance with the IL. State Plumbing Code free of cross connections.
- ❑ Construction Regulations
  - Electrical wiring for the pump must be in accordance with the current adopted 2017 National Electric Code.
  - A 4' fence around the pool is required when no other barrier is provided. Pedestrian gates must open outward, be self-closing, and self-latching. The top of the barrier shall not be less than 60 inches above grade measured on the side of the barrier that faces away from the pool to grade. A lockable safety cover complying with ASTM F1346 can be used in lieu of a fence for spas or hot tubs.
  - The structure and materials used for inground pools must fulfill the design, installation and the intended use requirements in the International Residential Code.
  - The top 2'9" of the pool wall must have at least a 5/1 slope.
  - The slope of the shallow side must be 1/7 or less. The transition between the shallow and deep end must be less than 5 feet. The slope of the deep end must be 1/3 or less.
  - A 3' walkway is required around inground pools. Walkways must have a on 1' slip-resistant surface at the edge of the pool, and must be angled to prevent return of surface water to the pool.
- ❑ Surface skimming system must be installed to skim the pool surface between the minimum and maximum fill level. One skimmer shall be provided for each 800 square feet of the water surface area.
- ❑ Slip resistant surfaces are required on any steps or ladders. Handrails are required on ladders and steps more than 4 steps and when they extend the full width of the side or end of the pool.



- Water Drainage**
  - Discharge of the pool water to the storm sewer must not exceed 200 gallons per minute. No direct connection shall be made to the storm sewer. Water cannot be drained to the sanitary sewer system.
  - Water drained from the pool should not be discharged to the storm sewer system during periods of rain or storms. Operator and/or pool service provider of said pool must discharge water by either: a hose to the front yard, a minimum of 10 feet from the curb or gutter; a hose to a grass area 10 feet from an open storm structure located on the same property.
- Safety Devices**
  - All metal fences, enclosures, or railings near any pool which might contact broken overhead conductors must be effectively grounded.
  - An enclosure is required around all mechanical and electrical equipment. Pumps, filters, and other mechanical and electrical equipment must be inaccessible to children. Water must not be able to accumulate in the vicinity of the electrical equipment.
  - Structures must be properly anchored to ensure stability and located for maximum safety.
  - Requires minimum diving envelop, maximum weight limitation, minimum water depths, and distances for diving hoppers, based on board height above water (table 804.1 of the ISPSC).
- Pools must be maintained in a satisfactory operating condition during periods of use. Any pools, hot tubs, or spas installed without a permit or outside of the requirements of the building code are subject to fines and penalties in accordance with Section 9-23-4 of the Bartlett Municipal Code.
- Pool light must be hardwired. Check your pool light box for splice box and manufacturer's installation instructions. Note: You must obtain a 6 - 8" rigid electrical pipe nipple to go between the outlet box and splice box of the pool light.
- The bond wire shall be a solid #8 copper wire coming from the pump motor to the rigid metal conduit picking up pool heater if applicable. The pool must also be picked up by the bond wire. Check upper and lower rings - if they are metal, they must be picked up by the solid #8 wire. This can be achieved by inserting solderless lugs where screws hold uprights and rings into place.

## WHAT YOU NEED TO APPLY

- Plat of survey** showing pool location with dimensions, setback from property lines and underground/overhead electric lines from pool with dimensions.
- Pool brochure** with pump motor/manufacturer specifications UL listed.
- Licensed Electrical contractor** installing electric. Needs to provide a letter of intent along with a copy of their current license. Homeowners shall not be permitted to install electric services, swimming pools or hot tubs (BBC 9-9-1).
- Signed contract** of pool installer.
- Permit fee**



Pool Type	Permit Fee
Above-ground	\$115.00 plus \$40.00 plumbing review fee, if applicable
In-ground	Based on cost of project (see fee schedule below) plus \$80.00 (\$40.00 electric and \$40.00 plumbing review fees.)

Estimated Cost of the Project	Permit Fee
Less than \$500.00	\$40.00
\$500.00 but less than \$1,000.00	45.00
\$1,000.00 but less than \$2,500.00	50.00
\$2,500.00 but less than \$5,000.00	60.00
\$5,000.00 but less than \$10,000.00	90.00
\$10,000.00 or more	12.00 per thousand

## ADDITIONAL INFORMATION

- A site inspection is required** after pool and electric markings are completed and clearly visible before permit can be approved.
- An underground/trench inspection is required (electrical, plumbing, and/or gas lines)**
- A rough electric inspection is required.**
- A rough and final plumbing inspection is required (for natural gas heater if applicable).**
- A final electric inspection is required.**
- The **contractor** performing the work **must be registered with the Village of Bartlett** as a licensed contractor.
- Excess fill or spoils from excavating the pool site must be removed from the property. If used, must accompany fill permit with topographic survey.
- New pool installations will need to comply with the 2018 International Swimming Pool and Spa Code.
- Power safety covers are not required.
- Kiddie pools or inflatable pools, hot tubs or spas that are intended to be stored do not require a permit.