



VILLAGE OF ALGONQUIN
COMMUNITY DEVELOPMENT

SWIMMING POOLS

Swimming pools include in-ground, above-ground and on-ground swimming pools, hot tubs and spas, whether temporary, storable or permanent, capable of containing water to a depth of 24 inches or more.

What is required to install a pool at my home?

Individual subdivision covenants may have special requirements and restrictions.

- Completed permit application including the cost of construction.
- Two copies of your plat of survey indicating the size and location of the pool and accessories with dimensions from the property lines.
- Two copies of all pool and pool equipment information (pool, pump, filter, gas heater, step enclosures, etc.).
- Two copies of a detailed plan drawn to scale and containing the following:
 - Distances to lot lines.
 - Walk and fence construction.
 - Water supply system.
 - Drainage and waste water disposal system.
 - Deck framing (if one is to be installed).
 - Location of above and below grade utilities.

NOTE: Computer generated plans provided by retail outlets that do not provide the required information will not be accepted.

What are the setback requirements for a pool?

Side and Rear Yards:

- No portion of the pool or its equipment including but not limited to a deck, patio, pump, filter or walkway shall be located less than five (5) feet from the side and rear property lines.
- The pool and equipment, including a deck or walkway shall remain outside of any utility easements.
- Pool shall remain a minimum of ten (10) feet from the primary structure.

Front and Corner Side Yards:

- No portion of a pool or its equipment shall encroach into the required front or corner side yards.

What are the requirements to have electrical equipment by the pool?

- All electric wiring shall be installed in either IMC or rigid metallic conduit buried 6 inches below grade or rigid PVC conduit buried 18 inches below grade (if rigid PVC conduit is used any portion above the required 18 inches below grade shall be IMC or rigid metallic conduit).
- Fixed equipment rated at 20 amps or less may be connected with a flexible cord less than 3 feet in length.
- A receptacle shall be installed a minimum of 5 feet and maximum of 20 feet away from the inside wall of the pool:
 - Receptacles 5-10 feet from pool shall be single receptacle locking type and GFI protected.
 - Receptacles 10-20 feet from pool shall be GFI protected.
- All underground conductors including those servicing the house shall remain 5 feet away from the inside wall of the pool.
- All overhead conductors including those servicing the house shall remain 10 feet away from the inside wall of the pool.
- Double-insulated pumps for temporary or inflatable pools are provided with a minimum cord length of 25 feet and shall be plugged into an exterior GFCI-protected receptacle outlet. Extension cords are not permitted.

What are the barrier requirements for a pool?

- A barrier (minimum 48 inches high) shall be constructed surrounding either the entire yard or entire pool. The pool may be used as a barrier provided it has a barrier (minimum 18 inches high) mounted a maximum of 2 inches from the top rim of the pool.
- All gates (minimum of 48 inches high) shall be equipped with a self-closing, self-latching device.
- Latching devices placed on the street side of the fence shall be placed 54 inches above grade.
- Latching devices located on the pool side of the gate shall be 3 inches from top of the gate with no opening greater than 1/2 inch within 18 inches of latch.
- Retaining walls installed adjacent to the pool shall remain a minimum of 54 inches away from the pool structure.
- Barriers shall be installed in a manner which prohibits the use of permanent structures as an access point over barriers.
- A barrier that meets the requirements of this section shall be installed to protect any steps or ladders into the pool if yard does not have a barrier (*folding ladders which lock in place are not an acceptable barrier*).

REQUIRED INSPECTIONS

IN GROUND POOL

- Rough Electric:** Once all electric is installed but prior to being buried.
- Rough Gas Piping:** Once all gas piping is installed but prior to being buried.
- Patio/Walk Base:** Once the ground is excavated but prior to the placement of concrete or pavers.
- Electric Bonding:** After the installation of ground wires and prior to the placement of concrete.
- Final** Once project is complete.

If a deck or fence is to be installed, additional inspections are required.

ABOVE GROUND POOL

- Rough Electric:** Once all electric is installed but prior to being buried.
- Rough Gas Piping:** Once all gas piping is installed but prior to being buried.
- Final:** Once project is complete.

If a deck or fence is to be installed, additional inspections are required.

POOL DECK

- Piers:** After holes are dug but prior to the placement of concrete.
- Rough Framing:** Once frame of deck is complete but prior to decking installation.

POOL FENCING

- Post Holes:** After holes are dug for posts but prior to backfill or placement of concrete.

If you have questions concerning pool installation please contact:

**Algonquin Community Development
(847) 658-2700 (option 3)**

<p>IMPORTANT INFORMATION CONTACT Joint Utility Locating Information for Excavators <u>BEFORE YOU DIG</u> Dial 811 or 800-892-0123 illinois1call.com 48 HOURS BEFORE YOU DIG EXCLUDING SATURDAYS, SUNDAYS AND HOLIDAYS</p>

POOL LADDER ENCLOSURE EXAMPLES

