



COMMUNITY DEVELOPMENT DEPARTMENT

GENERAL INFORMATION TO CONSTRUCT A SWIMMING POOL, SPA OR HOT TUB

(847) 506-6030 www.cityrm.org/rmcd

General Instructions:

- Complete the Pool/Spa/Hot Tub Application and the Electrical Permit Application. Most pool installations will require some electrical work. If you, as homeowner, do not perform the electrical work yourself, then a registered electrician must perform the work and sign the permit application.
- Spot the pool location on a full size to scale and up-to-date plat of survey.
- Indicate the location of your electrical service on the plat and show whether it is an underground or overhead service. Indicate the horizontal distance the pool will be from the electrical service. The pool must be five (5) feet horizontally from underground electric service and 10 feet horizontally from an overhead electric service.
- The pool is not to be placed closer than six (6) feet to any structure or ten (10) feet to any property line.
- The pool is not permitted in the front yard setback (generally 30 feet).
- The pool is not to be placed on utility or drainage easements.
- The pool is not to be located where it will interfere with surface storm water drainage.
- Indicate the method of making the pool inaccessible to small children. Indicate the fence location and height.

Submit the following to the Community Development Department:

Please refer to our webpage www.cityrm.org/rmcd to print applications

1. Completed Swimming Pool Application form
2. Completed Electrical Permit Application form (if applicable)
3. Current Plat of Survey with pool shown and indicating distances from existing structures (2 copies)
4. Pool Manufacturer's installation instructions (2 copies)
5. Pump/filter specifications (2 copies)

Note: *Decks, patios and other structures related to the pool must have their own permit. A separate application is required for this work.*

Barrier Requirements: 2018 International Swimming Pool and Spa Code

- A barrier of at least 48 inches must be constructed either around the entire yard or entire pool. The pool may be used as a barrier provided it has a barrier, mounted a maximum of 4 inches from the top rim of the pool.
- Openings in the barrier shall not allow passage of a 4-inch diameter sphere.
- All gates must be a minimum height of 48 inches and must be equipped with a self-closing, self-latching device.
- Latch devices must be on the pool side of the gate and shall be at least 3 inches from the top gate with no opening greater than ½ inch within 18 inches of latch and must be made inaccessible to small children.
- Latch devices may be located on the non-pool side if the device is located a minimum of 54 inches or greater from grade.
- 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 pool steps, then:
 - The ladder or steps must be capable of being secured, locked or removed to prevent access.
 - The ladder or steps must be surrounded by a barrier that meets the above requirements must be installed to protect any steps or ladders.

Any required barrier must be in place prior to filling the pool.

Electrical Requirements:

- The complete electrical installation shall be in full compliance with all City of Rolling Meadows and **2017 NEC Code requirements.**
- Pool and equipment must be properly bonded and grounded, including all metal parts of pool, ladders, under water lights, fences, wire mesh, and other metal.
- All receptacle locations shall conform to section 680.22. Receptacles that provide power for water-pump motors or for other loads directly related to the circulation and sanitation system shall be located at least (10 ft) from the inside walls of the pool, or not less than (6 ft) from the inside walls of the pool if they meet all of the following conditions.
 - 1). Consists of single receptacles
 - 2). Are of the grounding type
 - 3). Have GFCI protectionOther receptacles shall be not less than (10 ft) from the inside walls of a pool.
- All electrical equipment shall be G.F.C.I protected.
- All outdoor receptacles shall be weather-resistant receptacles.
- Rigid and Intermediate conduit must be buried at a minimum depth of 6 inches. PVC listed for direct burial without concrete must be buried at a minimum depth of 18 inches. All below grade gas piping shall be buried at a minimum depth of 12 inches.

Required Inspection

Inspections should be scheduled at least 24 hours in advance by calling the Community Development Department at 847-506-6030. The following information is needed to schedule an inspection.

- Address of inspection
- Type of inspection
- Date and time when inspection is needed
- Building permit number

For In-Ground Pool, the following inspections are required:

- Footing or shell, prior to concrete.
- Underground electrical, after electric is installed but prior to being buried.
- Electric bonding, after installation of the ground wires and prior to the placement of concrete deck.
- Final, upon completion of project and prior to its use.

For Above Ground Pools, the following inspections are required:

- Underground electrical, after electric is installed but prior to being buried.
- Final, upon completion of project and prior to its use.

For Hot Tubs:

- Final, upon completion of project and prior to its use. (safety cover shall be in place).

Fence/Barrier:

- Will be inspected at the time of the final pool inspection, however the fence/barrier must be in place prior to putting water in the pool.

Call J.U.L.L.E before you dig! 811