



Pool Requirements

Prior to any installation, a permit is required by the Village of Downers Grove. Permit fees are doubled if pool is started or installed without a permit. All materials must be submitted electronically through the Village's portal online portal. Any mention of "pool" in this document encompasses permitting requirements for pools and/or hot tubs.

Above-Ground Pool Requirements

- **Submit a plat of survey**, showing the proposed pool location, size and dimensions to the property lines, and the location of above-ground or underground main Com Ed electrical wires. Pool must be located at least twenty-two and half (22.5) feet in any direction from above-ground wires, ten (10) feet from overhead broadband communication systems, or five (5) feet from underground wires.
- **Submit pool specifications and filter and pump specifications.** These must comply with all parts of the National Spa and Pool Institute for above-ground – on-ground residential swimming pools.
- **Submit the manufacturer's specifications on heater**, if applicable. Include the type of gas piping.
- The pool must be four (4) feet from grade level on ALL sides, otherwise four (4) foot safety fence is required. If the above-ground pool is four (4) feet high and has a ladder that can be removed or latched up and locked, a fence is not required.
- If your residence is on a septic system, you will need approval from the DuPage County Health Department (630) 969-7030.

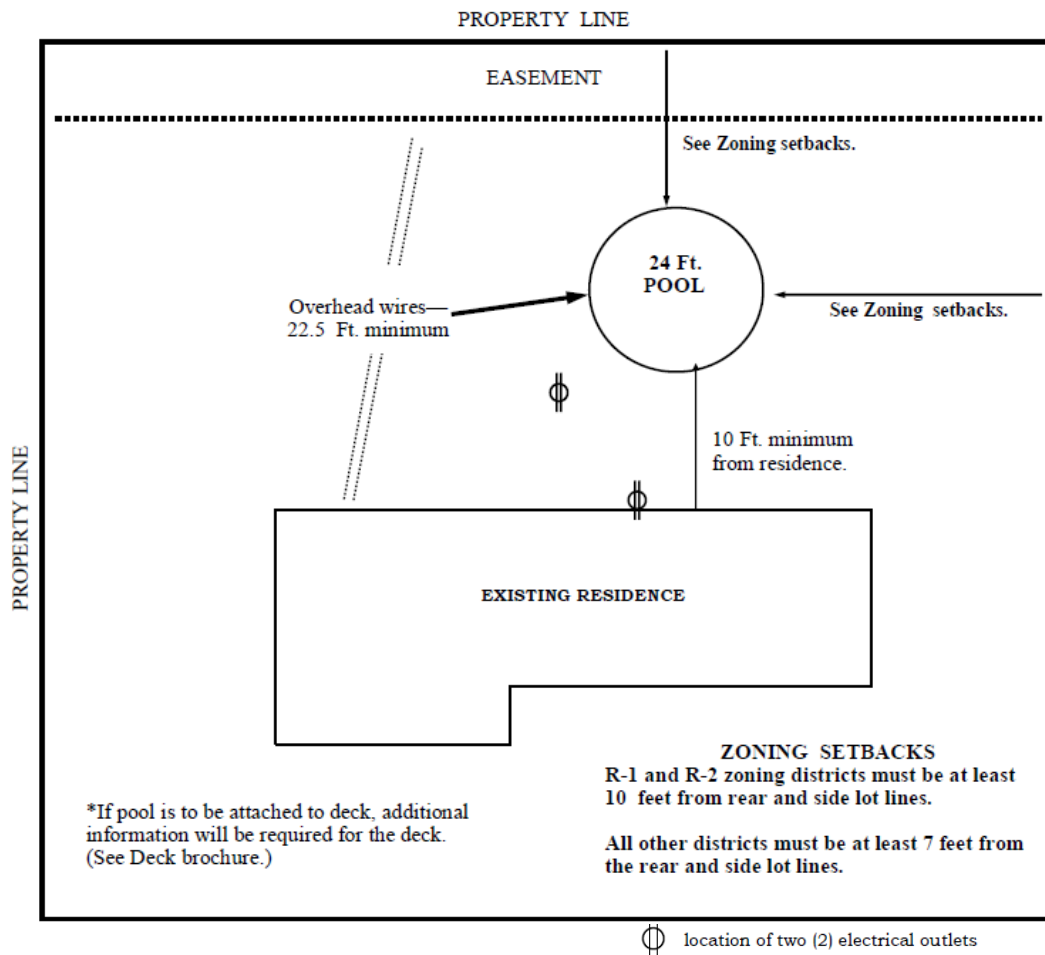
In-Ground Pool Requirements

- **Submit a plat of survey**, showing the proposed pool location, size and dimensions to the property lines, and the location of above-ground or underground main Com Ed electrical wires. Pool must be located at least twenty-two and half (22.5) feet in any direction from above-ground wires, ten (10) feet from overhead broadband communication systems, or five (5) feet from underground wires.
- **Submit a drawing stamped by a licensed Illinois Registered Architect.** The drawings must comply with the 2015 International Swimming Pool and Spa code with Village Amendments. The drawing must include electrical drawings as required by Article 680 of the 2014 National Electrical Code and proper Barrier Requirements as stated Appendix (G) of the 2015 International Residential Building Code (attached).
- Commercial applications also need Illinois Department of Public Health approval.

Electrical Requirements [Must comply with all sections of 2014 National Electrical Code (N.E.C.) #680]

1. Power cord for filter and pump must not exceed three (3) feet in length. The outlet for the filter and pump must be a single, three pronged, twisting lock plug with GFI protection. The outlet must also conform to the requirements of being no closer than five (5) feet, but no farther than 20 feet from the inside wall of the pool. A convenience receptacle must also be in place with the requirements of 125 volts, GFI protected, and no closer than 10 feet, but no further than 20 feet from the other receptacle.
2. Above-ground pools: submitted plat of survey must include electrical drawings as required by Article 680 or the 2014 National Electrical Code and proper Barrier Requirements as stated in Appendix (G) of the 2015 International Residential Building Code.
3. The only conduit permitted is IMC or rigid-type conduit.
4. An electrician is required to complete all electrical work. A copy of the hired electrician's license must be submitted with the permit application on the portal.

Below is a sample plat for informational use only. It depicts the minimum illustrations required when applying for a permit for a pool. It is the owner's responsibility to provide adequate drawings showing the structural information on the pool, filter, pump, and plat of survey.



Inspections

All inspection questions can be directed to (630) 434-5529. Two inspections are typically required for a pool:

- Electrical (below grade) to verify pipe and depth
- FINAL – owner is required to be at the final inspection