



**RESIDENTIAL HOT TUB
AND SWIMMING POOL REQUIREMENTS
VILLAGE OF GURNEE
BUILDING AND SAFETY DIVISION**



- Revised: July 25, 2023 -

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1. **Complete a Building Permit Application.**

 2. **Submit a copy of your Plat of Survey to scale, showing the following:**
 - A. Location of the proposed pool or tub.
 - B. Distance from pool or tub to adjacent lot lines, house, and easements.
 1. Pools and tubs are not allowed in easements.
 2. Pools and tubs must show a minimum 10 foot separation from the house except those locations that have been reviewed by the Village of Gurnee Fire Protection Bureau for possible access concerns and Fire Safety related matters prior to permit may be allowed closer than 10 feet but in no case closer than 5 feet.
 3. Pools and tubs are not allowed to be placed in any required front or side setback.
 4. Pools and tubs are not to be placed within 5 feet horizontally of underground wiring and 10 feet horizontally from overhead conductors.
 5. Pools and tubs may be no closer than 10 feet from any rear property line and must stay out of any easement.
 - C. Show the locations of any underground or overhead wiring and distance from pool or tub.
 - D. Show the location of an approved barrier. An outdoor swimming pool as defined in Section AG102 of Village of Gurnee Ordinance 2009-56, including an in-ground, above-ground, or on-ground pool, hot tub or spa shall be surrounded by a barrier which shall comply with the following:
 1. The top of the barrier shall be at least 48 inches (1219 mm) above grade measured on the side of the barrier which faces away from the swimming pool. The maximum vertical clearance between grade and the bottom of the barrier shall be 4 inches (102 mm) measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade, such as an above-ground pool, the barrier may be at ground level, such as the pool structure.
 2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.
 3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
 4. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches (1143 mm), the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1-3/4 inches (44 mm) in width.

Exception: The top of the barrier is 60 inches (5 feet) or greater above grade measured on the side of the barrier which faces away from the swimming pool.

5. Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143 mm) or more, or the top of the barrier is at least 60 inches (5 feet) above grade measured on the side of the barrier which faces away from the swimming pool, spacing between vertical members shall not exceed 4 inches (102 mm).
6. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1-3/4 inches (44 mm) in width.
7. Maximum mesh size for chain link fences shall be a 2-1/4 inch (57 mm) square unless the fence has slats fastened at the top or the bottom which reduce the openings to not more than 1-3/4 inches (44 mm).
8. Where the barrier is composed of diagonal members, such as a lattice fence, the maximum opening formed by the diagonal members shall not be more than 2-1/4 inch (57 mm) square.
9. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 8, 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 be lockable. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) above the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 9.1 The release mechanism shall be located on the pool side of the gate at least 3 inches (76 mm) below the top of the gate; and
 - 9.2 The gate and barrier shall have no opening larger than 1/2 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
10. Where a wall of a dwelling serves as part of the barrier, one of the following conditions shall be met:
 - 10.1 The pool shall be equipped with a powered safety cover in compliance with ASTM F 1346; or
 - 10.2 All doors with direct access to the pool through that wall shall be equipped with an alarm which produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed and labeled in accordance with UL 2017. The audible alarm shall activate within 7 seconds and sound continuously for a minimum of 30 seconds after the door and/or its screen, if present, are opened and be capable of being heard throughout the house during normal household activities and the sound of the alarm shall be distinctive from other households sounds such as smoke alarms, telephones, and door bells. The alarm shall automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touch pad or switch, to temporarily deactivate the alarm for a single opening. Deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54 inches (1372 mm) above the threshold of the door; or

- 10.3 Other means of protection, such as self-closing doors with self-latching devices, which are approved by the governing body, shall be acceptable as long as the degree of protection afforded is not less than the protection afforded by Item 10.1 or 10.2 described above.
 11. Where an above-ground pool structure is used as a barrier and the means of access is a ladder or steps:
 - 11.1 The ladder or steps shall be capable of being secured, locked or removed to prevent access; or
 - 11.2 The ladder or steps shall be surrounded by a barrier which meets the requirements of Section AG105.2, Items 1 through 9. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4-inch diameter (102 mm) sphere.
 12. Indoor Swimming Pool – Walls surrounding an indoor swimming pool shall comply with Section AG105.2 Item 10.
 13. Fences shall be constructed to withstand a concentrated load of 200 lbs in 1 square foot at any point.
 14. Barriers shall be located so as to prohibit permanent structures, equipment, or similar objects from being used to climb the barrier.
 15. A spa or hot tub with an approved safety cover that complies with 2003 ASTM F1346-91 shall be exempt from the barrier requirements.
3. **Provide an information sheet for the pool to be proposed for installation.**
 4. **Provide installation instructions for the pump and filter.** Specify the model that is to be used. The filter pump shall be UL NEC listed. Original instructions will be returned with the permit.
 5. **Provide a written proposal from your electrical contractor.** This proposal shall state the scope of work to be provided. The electrician must be registered with our Department prior to the release of the permit.
 6. **Entrapment protection shall be provided for swimming pool and spa suction outlets.**



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POOL/HOT TUB CHECKLIST**



- **READ THE ENTIRE PACKET OF INFORMATION PRIOR TO SUBMITTING FOR PERMIT.**
- Complete Short Form permit application;
- Provide a copy of the Plat of Survey – detailing all items as required in the beginning of this pamphlet on this copy (i.e. placement, setbacks, barriers, electric, equipment placement, etc);
- Provide a copy of the information sheet on pool/hot tub proposed to be installed;
- Provide a copy of the installation instructions/specifications for the pump and filter;
- Provide written proposal from your electrical contractor – detailing materials, etc;
- If you are installing a heater – provide a copy of the heater specifications.
- Provide details on how barrier requirement is being met.
- For the hot tub – provide a copy of the specifications for the cover.
- If underwater lighting is to be installed – provide a copy of the specifications on the lighting to be used