
SWIMMING POOLS

APPLYING FOR A PERMIT

The following must be submitted for the issuance of a building permit:

- 1) Completed building permit application, indicating:
 - the size of the pool
 - whether in ground or above ground
 - the type and height of barrier that will be used
- 2) Copy of your plat of survey indicating the proposed:
 - diameter of the swimming pool
 - distance from property lines, the house, and any accessory structures on your property
 - location of any overhead electric lines
- 3) A copy of the swimming pool ordinance signed by the person responsible for the swimming pool
- 4) If a wood deck will be constructed around the pool, a framing plan must be submitted which includes construction details and materials to be used.

Once submitted, the building permit must be reviewed for zoning and building code compliance. ***The review process takes approximately two weeks. Apply early to ensure that you have your permit prior to beginning construction.***

CONSTRUCTION REQUIREMENTS

See attached building ordinance for specific construction requirements.

ZONING REQUIREMENTS

- Shall not be located in front or side yards. Permitted in rear yard provided they are no closer than 10 feet from all lot lines and all buildings.
- Shall be located on the lot to create as little as possible visual and noise impact on adjacent properties.
- Any exterior lighting shall be shielded from adjacent properties.
- Pumping and filtering equipment shall be located at least 10 feet from the side and rear lot lines and no water shall drain onto adjacent properties.
- Shall not be located under or within the immediate area of overhead electrical conductors.

APPENDIX G
SWIMMING POOLS, SPAS AND HOT TUBS
(with changes, exceptions, additions and deletions provided in Section 22-72 of the
Homewood Municipal Code)

Section AG101 GENERAL

AG101.1 General. The provisions of this appendix shall control the design and construction of swimming pools, spas and hot tubs installed in or on the lot of a one- and two-family dwelling.

Section AG102 DEFINITIONS

AG102.1 General. For the purposes of these requirements, the terms used shall be defined as follows and as set forth in Chapter 2 (IRC).

ABOVE-GROUND/ON-GROUND POOL. See “Swimming pool.”

BARRIER. A fence, wall, building wall or combination thereof which completely surrounds the swimming pool and obstructs access to the swimming pool.

HOT TUB. See “Swimming pool.”

IN-GROUND POOL. See “Swimming pool.”

RESIDENTIAL. That which is situated on the premises of a detached one-or two-family dwelling or a one-family townhouse not more than three stories in height.

SPA, NONPORTABLE. See “Swimming pool.”

SPA, PORTABLE. A nonpermanent structure intended for recreational bathing in which all controls, water-heating and water-circulating equipment are an integral part of the product.

SWIMMING POOL. Any structure intended for swimming or recreational bathing that contains water over 16 inches (407 mm) deep, contains 750 gallons of water, or has a pump and filtration system. This includes in-ground, aboveground, and on-ground swimming pools, hot tubs and spas.

SWIMMING POOL, INDOOR. A swimming pool which is totally contained within a structure and surrounded on all four sides by walls of said structure.

SWIMMING POOL, OUTDOOR. Any swimming pool which is not an indoor pool.

SECTION AG103 SWIMMING POOLS

AG103.1 In-ground pools. In-ground pools shall be designed and constructed in conformance with ANSI/NSPI-5 as listed in Section AG108.

AG103.2 Above-ground and on-ground pools. Above-ground and on-ground pools shall be designed and constructed in conformance with ANSI/NSPI-4 as listed in Section AG108.

AG103.3 Location. No portion of an outdoor private residential swimming pool including the appurtenant equipment (pumps, filters, etc.) shall be located at a distance less than 10 feet (3048 mm) from any side or rear property line or the face of any main or accessory building. No appurtenant equipment serving the swimming pool shall be permitted in the required side yard between dwellings.

AG103.3.1 Electrical conductors. No pool shall be located under or within the immediate area of overhead electrical conductors.

AG103.4 Lighting. Artificial lighting of all outdoor private residential swimming pool and hot tub-type pool areas shall be so shielded and shaded that no measurable light extends beyond lot lines.

AG103.5 Nuisance, use, danger of life of health hazards causes for stopping use or operation. No swimming pool or tub-type pool shall be used, kept, maintained or operated in the village if such use, keeping, maintaining or operation shall be the occasion of any nuisance, danger of life, or detriment to health.

AG103.6 Abandoned pools. Unused pools not occupied or used for a period of 30 days shall be completely drained or covered with an approved pool cover. Abandoned pools shall be removed or filled to grade of adjacent land.

AG103.7 Inspection

AG103.7.1 Request by owner. The owner of every swimming pool shall request an inspection by the village of the pool during the 30 days following May 1 of each year an inspection is required or within ten days of placing the pool in operation for each year an inspection is required, whichever occurs earliest.

AG103.7.2 Periodic inspections. The village shall inspect all swimming pools and tub-type pools within the village limits upon installation and annually, except when a pool has been found to be in compliance with the code, subsequent inspections shall be scheduled on a biennial basis.

AG103.7.3 Authority to inspect and close.

- (a) If the Village has reasonable cause to believe that any swimming pool or tub-type pool does not meet the operational requirements of this article, they shall authorize the environmentalist, village engineer, building inspector, code enforcement official or water division foreman to inspect such swimming pool.
- (b) If the inspecting officer finds that the operation of the pool does not meet applicable requirements of this article, or that such operation endangers the village water distribution or sanitary sewer collection systems, he may direct that the pool be closed until such time as the requirements of this article are met or the danger is corrected. It shall be a violation of this article to deny

access to the pool to the authorities mentioned in subsection (a) of this section between the hours of 9:00 a.m. and 5:00 p.m.

AG103.7.4 Inspection fee. There shall be no fee imposed for the initial inspection or regular biennial inspection of a pool. The fee for re-inspection of a pool that fails to meet the code shall be \$30.00.

SECTION AG104 SPAS AND HOT TUBS

AG104.1 Permanently installed spas and hot tubs. Permanently installed spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-3 as listed in Section AG108.

AG104.2 Portable spas and hot tubs. Portable spas and hot tubs shall be designed and constructed in conformance with ANSI/NSPI-6 as listed in Section AG108.

AG104.3 Spa covers. All spas and hot tub-type pools shall have an approved UL or equivalent agency safety cover that is locking and designed to prevent unauthorized entry.

SECTION AG105 BARRIER REQUIREMENTS

AG105.1 Application. The provisions of this chapter shall control the design of barriers for residential swimming pools. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools.

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, aboveground or on-ground pool, shall be provided with a barrier which shall comply with the following:

1. The top of the barrier shall be at least 72 inches (1829 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 2 inches (51 mm) measured on the side of the barrier which faces away from the swimming pool. Where the barrier is mounted on top of the pool structure, the maximum vertical clearance between the top of the pool structure and the bottom of the barrier shall be 4 inches (102 mm). In place of the barrier around the pool, the swimming pool may be enclosed by a fence a minimum of 48 inches (1219 mm) in height.
2. Openings in the barrier or fence 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 1.75 inches (44 mm) in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
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, spacing between vertical members shall not exceed 4 inches (102 mm). Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches (44 mm) in width.
6. Maximum mesh size for chain link fences shall be a 2.25-inch (57 mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1.75 inches (44 mm).
7. 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 1.75 inches (44 mm).
8. Access gates shall comply with the requirements of Section AG105.2, Items 1 through 7, 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 have a self-latching device. Gates other than pedestrian access gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate, the release mechanism and openings shall comply with the following:
 - 8.1. 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
 - 8.2. The gate and barrier shall have no opening greater than 0.5 inch (12.7 mm) within 18 inches (457 mm) of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier one of the following conditions shall be met:
 - 9.1 The pool shall be equipped with a powered safety cover in compliance with ASTM F1346; or
 - 9.2 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 its screen, if present, are opened. The alarm shall sound continuously for a minimum of 30 seconds immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall

- automatically reset under all conditions. The alarm system shall be equipped with a manual means, such as touchpad or switch, to temporarily deactivate the alarm for a single opening. Such 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
- 9.3 Other means of protection, such as closing doors with self-latching devices, which are approved by the governing body, shall be acceptable so long as the degree of protection afforded is not less than the protection afforded by Items 9.1 or 9.2 described above.
10. Where an aboveground 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 steps, then
 - 10.1 The ladder or steps shall be capable of being secured, locked or removed to prevent access, or
 - 10.2 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.

AG 105.3 Indoor swimming pool. All walls surrounding an indoor swimming pool shall comply with Section AG105.2, Item 9.

AG105.4 Prohibited locations. Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

AG105.5 Barrier exceptions. Spas or hot tubs with a safety cover which complies with ASTM F 1346, as listed in Section AG106, shall be exempt from the provisions of this appendix.

SECTION AG106 ENTRAPMENT PROTECTION FOR SWIMMING POOL AND SPA SUCTION OUTLETS

AG106.1 General. Suction outlets shall be designed to produce circulation throughout the pool or spa. Single outlet systems, such as automatic vacuum cleaner systems, or other such multiple suction outlets whether isolated by valves or otherwise shall be protected against user entrapment.

AG106.2 Suction fittings. All pool and spa suction outlets shall be provided with a cover that conforms with ANSI/ASME A112.19.8M, or a 12" x 12" drain grate or larger, or an approved, channel drain system.

Exception: Surface skimmers

AG106.3 Atmospheric vacuum relief system required. All pool and spa single or multiple outlet circulation systems shall be equipped with atmospheric vacuum relief should grate covers located therein become missing or broken. Such vacuum relief systems shall include at least one approved or engineered method of the type specified herein, as follows:

1. Safety vacuum release system conforming to ASME A112.19.17, or
2. An approved gravity drainage system

AG106.4 Dual drain separation. Single or multiple pump circulation systems shall be provided with a minimum of two (2) suction outlets of the approved type. A minimum horizontal or vertical distance of three (3) feet shall separate such outlets. These suction outlets shall be piped so that water is drawn through them simultaneously through a vacuum relief-protected line to the pump or pumps.

AG106.5 Pool cleaner fittings. Where provided, vacuum or pressure cleaner fitting(s) shall be located in an accessible position(s) at least six (6) inches and not greater than twelve (12) inches below the minimum operational water level or as an attachment to the skimmer(s).

SECTION AG107 ABBREVIATIONS

AG107.1 General.

ANSI	American National Standards Institute 11 West 142 nd Street, New York, NY 10036
ASTM	ASTM International 100 Barr Harbor Drive, West Conshohocken, PA 19428
NSPI	National Spa and Pool Institute 2111 Eisenhower Avenue, Alexandria, VA 22314

SECTION AG108 STANDARDS

AG108.1 General.

ANSI/NSPI

ANSI/NSPI-3-99	Standard for Permanently Installed Residential Spas	AG104.1
ANSI/SNPI-4-99	Standard for Above-ground/On-ground Residential Swimming Pools	AG103.2
ANSI/NSPI-5-99	Standard for Residential In-ground Swimming Pools	AG103.1

ANSI/NSPI-6-99	Standard for Residential Portable Spas	AG104.2
ANSI/ASME A112.19.8M-1987	Suction Fittings For Use in Swimming Pools, Wading Pools, Spas, Hot Tubs and Whirlpool Bathing Appliances	AG106.2
ASTM ASTM F 1346-91 (1996)	Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas and Hot Tubs	AG105.2, AG105.5
ASME ASME A112.19.17	Manufacturers Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool	AG106.3

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**Public Works
Department**
17755 Ashland Avenue
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I, as the responsible adult in charge of the pool premises, have read Appendix G, Swimming Pools, Spas and Hot Tubs, of the International Code Council International Residential Code 2003 Edition with the changes, exceptions, additions and deletions provided in Chapter 22 of the Homewood Municipal Code and am familiar with the requirements set forth.

Signature

Address of pool premises

Print Name

Date



Village of Homewood

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