

**CITY OF HERCULANEUM**  
**RESIDENTIAL SWIMMING POOL**  
**HANDOUT**



**City of Herculaneum  
#1 Parkwood Court  
Herculaneum, Mo. 63048  
Phone: 636-475-4447  
Building Inspector Ext. 125  
PLEASE CALL FOR APPOINTMENTS**

April 20, 2016

## APPLICATION FOR POOL PERMIT

- A residential pool permit must be obtained from the City of Herculaneum Building Department and be completely filled out. This application must contain the owner's name, street address where the pool is to be located, contact phone numbers and estimated cost of the pool and installation.
  - A minimum fee of \$30.00 shall be charged for the permit when the total cost of construction is less than \$9,500.00.
  - All fees shall be paid prior to a permit being issued or inspection made. All monies can be paid by mail, dropped off in night payment box, or in person at Herculaneum City Hall.
  - All inspections must be scheduled 24 hours in advance.
  - The residential pool permit shall expire after six (6) months.
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All references in this section refer to paragraphs found in the ICC Residential Code 2003, unless otherwise noted.

### DEFINITIONS (SECTION AG102)

**"SWIMMING POOL"**. Any structure intended for swimming or recreational bathing that contains water over 24 inches deep. This includes in ground, above-ground 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 that is not an indoor pool.

### BARRIER REQUIREMENTS (Section AG105)

- The TOP of the barrier shall be at least 48 inches above grade as measured on the side of the barrier that faces away from the pool.
- The maximum vertical clearance between grade and the bottom of the barrier shall be (2 inches) measured on the side of the barrier that faces away from the pool.

- Where the top of the pool structure is above grade, such as an above-ground pool, the barrier may be at the ground level, such as the pool structure, or mounted on top of the pool structure.
- Where the barrier is mounted to the top of the pool structure, the maximum vertical clearance between top of the pool structure and the bottom of the barrier shall be 4 inches.
- Openings in the barrier shall not allow passage of a 4 inch diameter sphere.
- Solid barriers, which do not have openings, such as masonry or stonewall, shall NOT contain indentions or protrusions except for normal construction tolerances and tool masonry joints.
- Maximum mesh size for chain link fences shall be a 1.25 inch square unless the fence is provided with slats fastened at the top or bottom which reduce the openings to not more than 1.75 inches.
- 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.
- Where a wall of a dwelling serves as part of the barrier ONE of the following conditions shall be met:
  1. The pool shall be equipped with a power safety cover in compliance with ASTM F1346 or
  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 system 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. Such deactivation shall last for not more than 15 seconds. The deactivation switch(es) shall be located at least 54-inches above the threshold of the door; or
  3. Other means of protection, such as self-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 the above items.

- **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 steps, then; a barrier which meets the requirements of the above listed barrier standards shall surround the ladder or steps.**
- **Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.**
- **Spas or hot tubs with a safety cover, which complies with ASTM F1346, shall be exempt from the above requirements.**

### ACCESS GATES

- **Access gates shall comply with the above listed requirements, 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-locking device.**
- **The release mechanism shall be located 54-inches from the bottom of the gate. This distance is measured from the bottom of the front side of the gate, up and over the top of the gate and down the backside to 54-inches. IF the release mechanism is located LESS than 54-inches from the bottom of the gate, the release mechanism and openings shall comply with BOTH of the following.**
  - 1.) **The release mechanism shall be located on the pool-side of the gate at least 3-inches below the top of the gate, and**
  - 2.) **The gate and barrier shall have no opening greater than 0.5-inch with 18 inches of the release mechanism.**
  - **All in-ground pools shall be designed and constructed in compliance with ANSI-INSPI-5, Standard for Residential in-ground Swimming Pools.**
  - **All above-ground and on-ground pools shall be designed and constructed in compliance with ANSI/INSPI-4, Standard for Above-ground/On-ground Residential Swimming Pools.**
  - **All permanently installed spas and hot tubs shall be designed and constructed in compliance with ANSI/NPSI-3, Standard for Permanently Installed Residential Spas.**
  - **Portable spas and hot tubs shall be designed and constructed in compliance with ANSI/NSPI-6, Standard for Residential Portable Spas.**



# MISCELLANEOUS PERMIT POOL INSTALLATION APPLICATION

Date: \_\_\_\_\_

Permit #: \_\_\_\_\_

Applicant: \_\_\_\_\_  
Address: \_\_\_\_\_

Phone: \_\_\_\_\_

Location of Service: \_\_\_\_\_

Remarks: **Must meet all Herculaneum 2009 Building Codes**  
**Materials & specs information must be submitted for approval by the Building & Code Official before commencing any project**  
**Placement cannot be less than side & rear setbacks of property lines & not to be less than front setback requirements. Homeowner(s) will assume cost of removal of pool if placed over utilities (if utilities need repair)**  
**Contractors must have a current up to date License to work within City Limits**

Estimated Cost: \_\_\_\_\_

Permit Fee: \_\_\_\_\_

INSPECTION APPROVALS:	
1	_____
2	_____
3	_____

(inspections are determined by type of permit)

**A 24 HOUR NOTICE MUST BE GIVEN TO SCHEDULE FOR INSPECTIONS**

Applicant Signature: \_\_\_\_\_  
Signature (Print Name)

Building & Code Official: \_\_\_\_\_  
Dodie Graves