

Swimming Pool Spa and Hot Tub Regulations



Department of Public Works

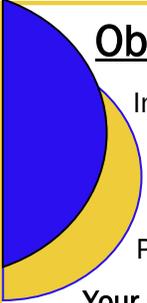
12355 Natural Bridge Road
Bridgeton, MO 63044
(314) 739-7665

City of Bridgeton, Missouri

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The City of Bridgeton's Public Works Department supports and encourages every resident's decision to improve their home. Approval of plans and inspection of work being done helps ensure your home improvement project meets minimum code requirements while improving your property. We look forward to helping you.

If you have any questions pertaining to your home improvement project, please call the Public Works Department at (314) 739-7665. We will be happy to help you with anything you may need.



Obtaining a Permit

In order to install a swimming pool (in-ground or above ground), spa or hot tub on your property, you must first apply for a building permit from the Public Works Department.

Your application for a swimming pool permit MUST HAVE the following items:

- 1) Four (4) copies of the plot plan of the property with the location of the proposed swimming pool/spa/hot tub drawn onto each copy.
- 2) Four (4) copies of plans for the proposed swimming pool.
- 3) A completed application for a building permit. This includes the address of the property, the estimated cost of the improvement, the owner's name, address, and phone number. If a contractor is hired, the contractor's name, address and phone number is also required. The OWNER must sign the application for the building permit.
- 4) A completed application for a zoning certificate.

Other Important Information

The preceding requirements apply to most in ground swimming pool installations; however, the plan reviewer may determine that unusual circumstances dictate the need for additional information on any particular project.

Once your application is received please allow at least ten (10) business days for processing and review time. When your permit has been approved and the fee has been determined, you will receive a phone call to inform you of the approval and the permit fee.

Also, please note that all of the swimming pool codes and regulations are too numerous to include in this brochure. For a complete list of every code and regulation for the City of Bridgeton please visit us online at:
<http://www.BridgetonMO.com>.

Applications shall be turned in to the Information Desk at City Hall.

Guidelines for Installing Your Swimming Pool

AG105.2 Outdoor Swimming Pool: An outdoor swimming pool (in-ground or above ground), hot tub, or spa shall be provided with a barrier which shall comply with the following:

- 1) The top of the barrier shall be at least 48 inches 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 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, or mounted on the top of the pool structure. Where the barrier is mounted on the 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.
- 2) Openings in the barrier shall not allow passage of a 4-inch-diameter 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, the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1.75 inches 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 or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1.75 inches in width.
- 6) Maximum mesh size for chain link fences shall be a 2.25 inch 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.
- 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.
- 8) Access gates shall comply with the requirements of Section AG105.2 Items 1 through 7, and shall be equipped to accommodate 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. Where the release mechanism of the self-latching device is located less than 54 inches from the bottom of the gate, the release

Guidelines Continued:

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 below the top of the gate, and
- 8.2) The gate and barrier shall have no opening greater than 0.5 inch within 18 inches of the release mechanism.
- 9) Where the 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 it's 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 house-hold 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 switches shall be located at least 54 inches above the threshold of the door, or
 - 9.3) 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 Item 9.1 or 9.2 as described above.
- 10) 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:

- 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 sphere.

AG105.3 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 AG107, shall be exempt from the provisions of this appendix.

**Public Works Department
Hours of Operation:**

Monday through Friday
8:30a.m. – 5:00p.m.

