
Where the wall of an above ground pool is used as a barrier and the means of access is a fixed or removable ladder, the ladder must be surrounded by an approved barrier. A removable ladder will not constitute an acceptable alternative to the enclosure requirements.

- Openings shall be a maximum of 4 inches, however if the barrier is constructed of vertical and horizontal members and the distance between the horizontal members is less than 45 inches, then the spacing between the vertical members shall not exceed 1 $\frac{3}{4}$ inches.
 - Maximum mesh size for chain link fences shall be a 2 $\frac{1}{4}$ -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 $\frac{3}{4}$ inches (44 mm).
 - All gates must swing out away from the pool and be self-closing and latching and be equipped to accommodate a locking device. Where the latch release is located less than 54 inches from the bottom of the gate then it must be located on the pool side of the gate at least 3 inches below the top of the gate and the gate and barrier shall not have an opening greater than $\frac{1}{2}$ inch within 18 inches of the latch release.
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The preceding information is meant to be a helpful guide and applies to most simple residential pools. However, it does not include all of the requirements that may apply. The plan reviewer may determine that unusual circumstances dictate the need for additional information.

Inspections must be called in **48 hours in advance**. Follow these steps for inspection scheduling.

1. Schedule a footing/hole inspection (to verify location/rebar bonding and soil conditions) once yard is leveled at pool location.
2. If you are installing an in-ground pool schedule a rough plumbing, bonding, and ground electric inspection. (Prior to any concrete being poured)
3. Schedule a final inspection when the project is complete.

If you have any questions, please contact the building department at 724/287-7465.

Jesse E. Hines
Zoning Officer

James Sproat
Regulations Inspector

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Swimming Pool Guide

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The following information was compiled as a guide for residents who wish to construct a private pool. **Pools greater than 24 inches in depth require a permit.** In order to obtain a permit, two sets of plans must be submitted for review. The plans are not required to be of architectural quality, but must provide enough information to determine that all construction will be built to minimum code standards. The drawings must include the following information:

- Manufacturer's make, model, and type if pre-manufactured
- Reinforcing steel placement, steel diameter, and steel specifications (bonding locations)
- Location, types of material, and height of access barriers
- Circulation equipment and location
- Drainage system
- Audible warning system if utilized
- Cross sectional view of the pool illustrating wall slope, floor slope, and depth
- Diving board system
- A completed plot plan including a north arrow, property lines and all known utility easements, (sewer lateral), site drainage, locations and specifications of decking, pool stairs, steps, ladders, handrails, seats, lighting, circulation equipment, and any future equipment, dimensions, and all existing structures on the same property.

The following is a list of common code requirements to keep in mind while drawing your plans.

- All construction must meet or exceed the current requirements of the International Residential Code and the National Electrical Code.
- For an interior lot, all walls of any pool shall not be less than 10 feet from a side property line and 25 feet from any rear property line. They cannot be located in an easement. For corner lots and thru lots, please call 724/287-7465.
- Receptacles that provide power for water-pump motors or other loads directly related to the circulation and sanitation system shall be permitted to be located between 6 feet and 10 feet (1829 mm and 3048 mm) from the inside walls of pools and outdoor spas and hot tubs, and, where so located, shall be single and of the locking and grounding type and shall be protected by ground-fault circuit interrupters.

Other receptacles on the property shall be located not less than 6 feet (1829 mm) from the inside walls of pools and outdoor spas and hot tubs.

At least one 125-volt, 15- or 20-ampere receptacle supplied by a general-purpose branch circuit shall be located a minimum of 6 feet (1829 mm) from and not more than 20 feet (6096 mm) from the inside wall of pools and outdoor spas and hot tubs. This receptacle shall be located not more than 6 feet, 6 inches (1981 mm) above the floor, platform or grade level serving the pool, spa or hot tub.
- In a private pool the minimum turn over rate for the circulation equipment shall be once every twelve hours.

- All metallic parts within 5 feet of the pool, i.e. handrails, lights, ladders, pool frame are to be bonded to a common bonding grid with a solid copper conductor not smaller than #8.
- Overhead electrical lines must not be located above the pool and the area extending 10 feet horizontally from the inside walls of the pool. Underground wiring must not be located under the pool or within the area of 5 feet from the inside of the pool wall.
- All pools are required to have a barrier/fence of at least 48 inches in height, measured from finished grade. If the fence is a scalloped style the lowest point of the scallop must be at least 48". The maximum vertical clearance between finish grade and the bottom of the barrier shall be 2 inches.
- If the residence is going to serve as part of this barrier, then one of the three following options must be installed.
 1. Any door from the residence with direct access to the pool must be equipped with an approved alarm.
 2. All doors with direct access to the pool through that wall shall be self-closing and latching with the latch located a minimum of 54 inches above the floor space.
 3. The pool shall be equipped with an approved power safety cover.