SWIMMING POOL REGULATIONS

City of Wayne
4001 S. Wayne Road
Wayne, MI 48184
(734)728-9100

Ordinance 1434.05 & Michigan Residential Code - Appendix G

A swimming pool located on private property having a depth of more than two (2) feet shall either be enclosed itself or the rear of the yard shall be enclosed with a secure type fence not less than four (4) feet in height and shall have an approved self-closing mechanism on a walk-in gate. A drive-in or walk-in type gate must have a provision in its latch for a padlock or the gate shall be provided with other approved locking facilities.

1) All pools over 2 ft. in depth shall have a permit.

2) All pools/spas must conform to the City of Wayne Ordinance and comply with the current Michigan Residential Code

3) Pool is to be at least 6 ft. from lot lines with no projection into or over easements.

4) A vacuum breaker must be installed on an outside faucet that will be used to fill the pool with a hose. For in ground pools or any pool equipped with a permanent water supply, the filter pipe shall be built with an approved air gap.

5) Electrical permit is required for any lights or outlets, or electrical equipment to be installed, including pool filter equipment. **When the electrical permit is issued, an inspection will automatically be scheduled for 2 weeks after the issue date.**

6) Pool is to be located minimum of 10 ft. horizontally from all overhead power carrying wires (such as Edison).

7) All electrical equipment including power supply cords used with all pools shall be protected by ground fault circuit interrupters.

8) A ground fault circuit interrupter protected receptacle shall be installed no closer than 5 ft. nor farther than 20 ft. from outside wall of pool. No other receptacles shall be located within 10 ft. of pool unless separated by a barrier.

9) All metallic parts of the pool or other structures within 5 ft. of the pool and carrying electric current shall be bonded together with a solid #8 copper conductor for grounding purposes.

10) Swimming pool safety devices: Every person owning land on which there is situated a swimming pool, which contains 24 inches (610mm) or more of water in depth at any point, shall erect and maintain thereon an adequate enclosure either surrounding the property or pool area, sufficient to make such body of water inaccessible to small children. Such enclosure, including gates therein, shall be not less than 4 feet (1219mm) above the underlying ground. All gates shall be self-closing and shall have a self-latching device and open outward away from pool. Access gates shall comply with the requirements of items 1 through 7 of Section 421.10.1, 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. Where the release mechanism of the self-latching device is located less than 54 inches (1372 mm) from the bottom of the gate; (a) the release mechanism shall be located on the pool side of the gate and at least 3 inches (76 mm) below the top of the gate; and (b) the gate and barrier shall not have an opening greater than ½ inch (13 mm) within 18 inches (457 mm)of the release mechanism.

11) Openings in the barrier shall not allow passage of a 4" (102mm) diameter sphere. Solid barriers shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.

12) 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 (1143mm), 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 (44mm) in width. Decorative cutouts shall not exceed 1-3/4 (44mm) in width.

13) 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 1-3/4 inches (44mm).

14) Maximum mesh size for chain link fences shall be 1-1/4 inch (32mm) square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1-3/4 inches (44mm).

15) Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches (1143mm) or more, spacing between vertical members shall not exceed 4 inches (102mm). Decorative cutouts shall not exceed 1-3/4 inches (44mm) in width.

16) Where a wall of a dwelling serves as part of the barrier, one of the following shall apply:

16.1 - 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. The alarm shall have a minimum sound pressure ring of 85dBA at 10 feet (3048mm) and the sound of the alarm shall be distinctive from other household sounds such as smoke alarms, telephones, and door bells. The alarm shall automatically reset under all conditions. The alarm shall be equipped with manual means, such as touchpads or switches, to de-activate temporarily the alarm for a single opening from either direction. Such de-activation shall last for not more than 15 seconds. The de-activation touchpads or switches shall be located at least 54 inches (1372mm) above the threshold of the door.

16.2 - The pool shall be equipped with an approved power safety cover and comply with AG107.1 Standards.

16.3 - Where an above ground pool is used as a barrier or where the barrier is mounted to top of the pool structure, and the means of access is a ladder or steps, then:

a. The ladder or steps shall be capable of being secured. Locked or removed to prevent access, or

b. 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" sphere.

17) Swimming pool specifications must be made available for all inspections.

18) Must obtain electrical permit.

19) Underground wiring shall not be permitted under the pool or under the area extending 5 ft. horizontally from the inside wall of pool.

20) Underground direct burial bale must be 18 inches deep (110V circuits - 220V circuits must be 24 inches deep).

21) Prior to submission of plans - Plans submitted must be approved or rejected by your subdivision association or architectural control committee.

22) Plan submittal:

A. <u>Above ground pools:</u>

1. Site Plan
   a. Show location of pool in reference to property lines, principle building, accessory structure.
   b. Show location, height and style of enclosures (fences).
   c. Show location of overhead power lines (distance to pool).
   d. Indicate location of electrical and pump/filter.

2. Pool Plans
   a. Show description of pool - shape and size.
   b. Indicate materials used.
   c. If deck is built, show supports and height off grade.

B. <u>Inground pools:</u>

1. Site Plan
   a. Show location of pool in reference to property lines, principle building and accessory structures.
   b. Indicate materials used.
   c. Indicate steel layout.
   d. Show electrical grounding.
   e. Provide a sectional view showing depth, location of diving board, steps, and ladder.
   f. Show composition and width of walking surface around the pool.
   g. Indicate plumbing and heating.

SPECIAL NOTE: Notify MISS DIG (1-800-482-7171) prior to any excavation. Have them stake out location of all underground utility lines.