

NOTICE REGARDING SWIMMING POOL INSTALLATIONS

City of Springfield
Phone: 789-2171

Department of Building & Zoning
Fax: 789-2048

Room 304 Municipal Center West

Springfield, IL 62701
Revised 7-7-17

This notice must be acknowledged by the property owner, or authorized agent, for all swimming pool installations. The following are a summary of requirements for swimming pool installations; additional code requirements may be applicable:

1. To locate underground utilities at proposed pool location always call J.U.L.I.E. at 1-800-892-0123.
2. No swimming pool shall be installed beneath, or have any edge of the pool within 10'-0" measured horizontally from an overhead electrical wire, telephone wire, cable TV wire, or any other type of wire. No swimming pool shall be installed beneath, or have any edge of the pool within 27'-0" measured diagonally from high voltage electrical feeder wires. All diving boards, diving platforms, and diving towers must maintain an 18'-0" distance, measured diagonally, from all wires. No pool shall be constructed over any type of buried wire. Address questions regarding these requirements to CWLP at 757-8520, ext. 2154.
3. In-ground swimming pools shall not be installed within an easement. If you need to perform easement research for your property, call the Sangamon County Recorder of Deeds at 535-3150. You may contact Public Works at 789-2260 regarding the locations of existing public sewers in your area.
4. Swimming pools shall not be installed in a floodplain, unless first obtaining approval and a floodplain development permit from this department.
5. A setback inspection will need to be conducted before the pool permit can be issued after the pool perimeter and any underground utilities have been marked out on the site. Contact (217) 789-2171 for inspection request.
6. The installation of the swimming pool, equipment, and paving, must not change the existing water drainage characteristics of the site so as to cause water to drain onto adjacent private or public property.
7. All swimming pools that are capable of holding a depth of water greater than 24" must be surrounded by a minimum 48" high fence or other barrier, constructed as follows:
The top of the barrier shall be not less than 48" above grade measured on the side of the barrier that faces away from the swimming pool. The vertical clearance between grade and the bottom of the barrier shall be not greater than 2", measured on the side of the barrier that faces away from the swimming pool. Where the top of the pool structure is above grade, the barrier is authorized to be at ground level or mounted on top of the pool structure, and the vertical clearance between the top of the pool structure and the bottom of the barrier shall be not greater than 4".
Openings in the barrier shall not allow passage of a 4" diameter sphere.
Solid barriers which do not have openings shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.
Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45", the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall be not greater than 1³/₄" in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than 1³/₄" in width.
Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45" or more, spacing between vertical members shall be not greater than 4". Where there are decorative cutouts within vertical members, spacing within the cutouts shall be not greater than 1³/₄" in width.
Mesh size for chain link fences shall be not greater than a 2¹/₄" square unless the fence is provided with slats fastened at the top or the bottom which reduce the openings to not more than 1³/₄".
Where the barrier is composed of diagonal members, the opening formed by the diagonal members shall be not greater than 1³/₄".
Barriers shall be located so as to prohibit permanent structures, equipment or similar objects from being used to climb the barriers.

8. Access doors or gates shall comply with #6 above and shall be equipped to accommodate a locking device. Pedestrian access doors or gates shall open outward away from the pool and shall be self-closing and have a self-latching device. Doors or gates other than pedestrian access doors or gates shall have a self-latching device. Where the release mechanism of the self-latching device is located less than 54" from the bottom of the door or gate, the release mechanism shall be located on the pool side of the door or gate 3" or more, below the top of the door or gate, and the door or gate and barrier shall be without openings greater than 1/2" within 18" of the release mechanism.
9. Where a wall of a dwelling serves as part of the barrier, doors with direct access to the pool through that wall shall be equipped with an alarm that produces an audible warning when the door and/or its screen, if present, are opened. The alarm shall be listed and labeled in accordance with UL 2017. The deactivation switch shall be located 54" or more above the threshold of the door.
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 the ladder or steps either shall be capable of being secured or locked to prevent access, or the ladder or steps shall be surrounded by a barrier which meets the requirements of #6 above. Where the ladder or steps are secured or locked any opening created shall not allow the passage of a 4" diameter sphere.
11. To aid in entrapment avoidance, suction outlets shall be designed and installed in accordance with ANSI/APSP-7.
12. The swimming pool cannot be filled with water until after the fence, gates, and door alarms have been installed.
13. An electrical permit is required for all electrical work and must be obtained by an electrical contractor registered with the City of Springfield or by the homeowner. Permanently installed swimming pools shall have all metal parts associated with the pool bonded together, including the water (min. # 8 solid copper conductor). Inspection is required before backfill to check bonding, and a final inspection is required when the pool is complete. Receptacles on the property shall be located at least 6 ft. away from the inside walls of a pool. Receptacles that provide power for a water pump installed for the pool, which shall be permitted between 6 ft. and 10 ft. from the inside walls of the pool, and are required to be GFCI protected, and are required to be single receptacle type, and must be of the grounding type, all as per National Electrical Code Section 680.22(A)(1). All receptacles located within 20 ft. of the inside walls of a pool shall be protected by a GFCI. Pool pumps must be directly plugged into receptacle.
14. When applying for a building permit for the swimming pool and fence, a site plan must be submitted showing how far the pool is away from the property lines, overhead electrical wires, buildings, and any other structures on the lot. If a new fence is to be erected, the site plan must show the fence line, and how far from the property line adjoining the street the fence will be. If the fence is existing, the site plan must show the existing fence location. **The review of the permit application can take up to 14 days, and no work may take place until after the permit application has been reviewed and approved.** The required reviews are building inspector and zoning review. If the property is located on Lake Springfield, CWLP approval is also required. CWLP can be contacted at 757-8660, extension 127, and is located at 200 East Lake Drive. If the property is zoned PUD, architectural committee approval is required.
15. If a gas pool heater will be installed, a mechanical permit must be obtained for installation of the gas pipe. The permit must be obtained by a mechanical contractor registered with the City of Springfield, by a plumbing contractor licensed with the State of Illinois, or by the homeowner. If a gas line will be buried, call for an inspection before covering the pipe. Minimum burial depth is 12 inches.

The undersigned property owner, or authorized agent, agrees to the above requirements:

Signed Name: _____ **Printed Name:** _____

Property Address: _____ **Date:** _____

Table 680.8 Overhead Conductor Clearances

Clearance Parameters	Insulated Cables, 0-750 Volts to Ground, Supported on and Cabled Together with a Solidly Grounded Bare Messenger or Solidly Grounded Neutral Conductor		All Other Conductors Voltage to Ground			
	m	ft	0 through 15 kV		Over 15 through 50 kV	
			m	ft	m	ft
A. Clearance in any direction to the water level, edge of water surface, base of diving platform, or permanently anchored raft	6.9	22.5	7.5	25	8.0	27
B. Clearance in any direction to the observation stand, tower, or diving platform	4.4	14.5	5.2	17	5.5	18
C. Horizontal limit of clearance measured from inside wall of the pool	This limit shall extend to the outer edge of the structures listed in A and B of this table but not to less than 3 m (10 ft).					

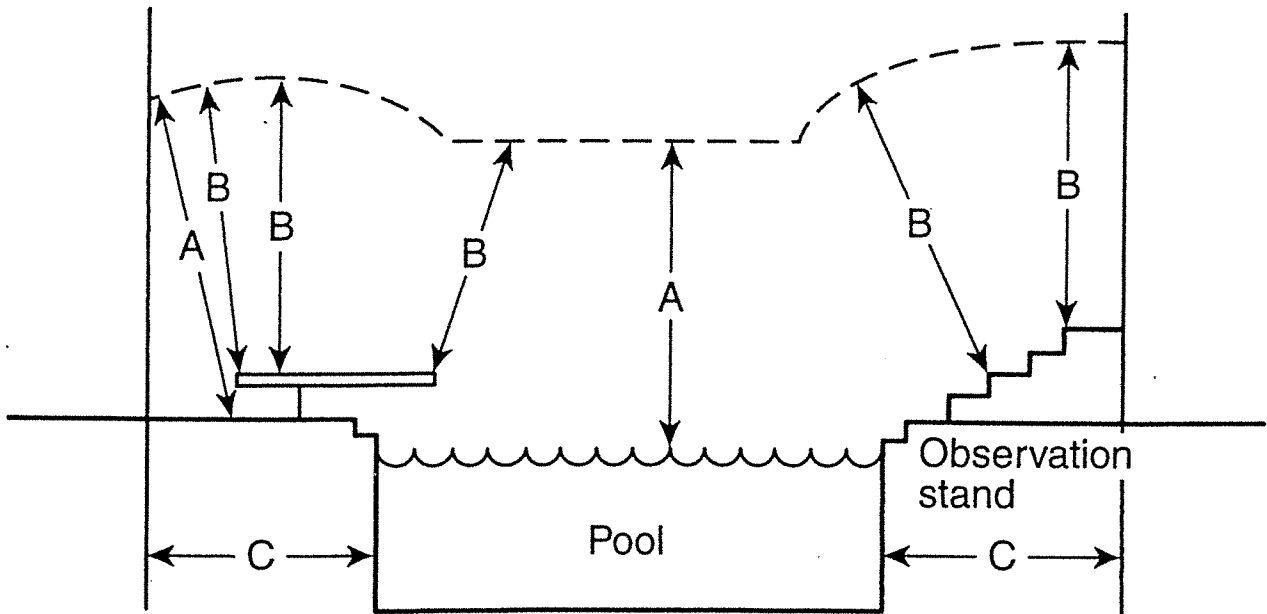


Figure 680.8 Clearances from Pool Structures.