

Construction Process for Swimming Pools

Swimming pools are issued (only after written approval from the board of health pursuant to applicable regulations) a building permit and an additional permit is required for the electrical installation. The building permit will require 5 inspections: Initial environmental, building footing, basket, final building and environmental final. They are required to be in this order and must be requested via the automated system. If it is found that the inspections were not requested an immediate "stop work" will be posted until all required inspections are performed.

- Initial Environmental Inspection is required once the construction exit and silt fences are installed and any state water buffers are marked
- Footing inspection is performed after the location for the pool is established and the excavation is complete. The inspector will inspect for compliance to the submitted site plan. Pool location with all sidewalks and decks associated with the pool must meet the setback requirements of DeKalb County Code 27-731.
- Basket Inspection (requested under the building permit number) is performed after all reinforcement steel is placed in the pool and prior to placement of the granite or concrete. This inspection is in addition to the footing inspection and compliance to one is not an automatic approval of other.
- Rough Electrical Inspection (separate permit) performed prior to concealment of all bonding and wiring associated with the pool and equipment.
- Final Electrical Inspection (separate permit) after completion of the pool wiring
- Final Building Inspection to verify all site plan requirements were satisfied and the following barrier requirements:

SECTION AG105 BARRIER REQUIREMENTS

AG1195.1 Application. The provisions of this chapter shall control the design of barriers for residential swimming pools, spas and hot tubs. These design controls are intended to provide protection against potential drownings and near-drownings by restricting access to swimming pools, spas and hot tubs.

AG105.2 Outdoor swimming pool. An outdoor swimming pool, including an in-ground, above-ground or on-ground pool, hot tub or spa shall be surrounded by a barrier which shall comply with the following:

1. The top of the barrier shall be at least 48 inches (1219 mm) 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 (.51 mm) 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 top of the pool structure. Where the barrier is mounted on 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 (102 mm).
2. Openings in the barrier shall not allow passage of a 4-inch-diameter (102 mm) sphere.
3. Solid barriers which do not have openings, such as a masonry or stone wall, shall not contain indentations or intrusions except for normal construction tolerances and tooled masonry joints.