



Required Inspections for Swimming pools

Inspections indicated (checked) are the required inspections based on the plan review results and your type of permit:

Inspections:

- Site inspection:

The proposed swimming pool location shall be staked, and setbacks verified prior to the commencement of construction.

- Backflow:

Inspection required prior to the City of Stonecrest final inspection. **State law requires backflow prevention for all pools connected to a potable water supply.** Only state certified backflow testers perform and certify backflow tests. (See gwpc.org) for more information. Written certification of passing the test shall be provided to the City of Stonecrest before a certificate of completion will be issued.

Note: For commercial pools: In addition to the city of Stonecrest final inspection, Dekalb County Health Department inspectors must perform all their required inspections before the city issues a certificate of completion for the pool. Pool permit holders must provide the City of Stonecrest written **Verification of passing this required Health Department inspections.**

- Pool Structure inspection:

In Ground pools (basket)

- Made after the pool has been excavated and cleaned of all loose soils, debris and organic matter and all required forms are in place and properly supported.
- All drain and circulation piping are in place and under required test.
- All reinforcement steel is in place, properly tied and supported with approved chairs to guarantee the required 3" inch minimum concrete cover.
- All electrical conduits, lighting fixtures in place.
- All supports or sockets for ladders, diving boards, etc. are in place and properly supported.
- The basket is completely ready for shotcrete.

For in ground pools not constructed as above (vinyl liners, fiberglass shell), the manufacturers installation instructions, NSPI installation standards and / or structural installation plans sealed by a Georgia Registered Design Professional must be always on-site during construction.

Above Ground Pools

Made after the erection of the pool structure and before any structural members and connections are covered. The installer must provide safe access to all areas of the pool, have the manufacturer's installation instructions on site all times and be prepared to perform any tests of connections required by the inspector.

- **Circulation / Drain Piping Test (below ground pools):** To be conducted with a basket inspection listed above. A water pressure test of 1 ½ times (150%) the maximum operating pressure is required. Bypass the pool equipment and do not exceed the piping maximum test pressure for the piping.

Exceptions

- Air pressure test of not less than 35 psi (if allowed by the piping manufacturer).
Listed prefabricated package pool assemblies do not require pressure tests.

Note: electrical bonding, pool basket, gas piping and pressure test can be conduct simultaneously if this work is ready for inspection.

- Electrical bonding:

Inspected when all metal parts of a pool structure, deck bonding grid and equipment is properly bonded together and ready to be covered. Note: Depending on pool design and site conditions, this inspection may require several subsequent inspections to be completed and shall be at the inspector's discretion.

- Back flow:

Inspection completed prior to final pool inspection. State law requires backflow prevention for all pools connected to a potable water supply. If the pool has an indirect connection protection is not required.

Note: Building inspectors do not conduct backflow inspections but will verify pool fills for compliance. Only state certified backflow testers perform and certify back flow tests. (See www.gwpca.org) for more information. Written certification of passing this test shall be provided to the city before a certificate of completion will be issued.

- Gas piping:

Inspection conducted at any time during construction but before final inspection. A gas pressure test of at least 1 ½ times (150%) the gas operating pressure, but not less than 3 psi is required. Piping must be under pressure with a working gauge for inspection.

Note: Gas piping may not be covered or concealed without passing this inspection.

- Electrical system:

Conducted at any time during construction but before final inspection. All of the electrical system, including low voltage systems must be in place and ready for electrical rough-in inspection. The system must meet the requirements of NEC 680 for locations, GFCI protection, bonding etc.

Note: Underground electrical may not be covered or concealed without passing this inspection.

- Permanent fence:

Inspected may be conducted any time during construction but be completed prior to filling the pool with water and must be completed with entry warning alarms operational. Note: Construction safety barriers must remain in place until permanent fencing is 100% installed.

- Pool final:

Inspection conducted after the pool and all associated construction is complete and ready to use.

- The pool must be full of water and all equipment, lights, ladders, steps, and other pool accessories in place, connected and working as designed for a completed ready for use pool.
- All safety equipment must be in place.

All permanent fences, gates, and entry warning alarms must be in place and operational.

Note: (Commercial Swimming pools) The City of Stonecrest conducts a final inspection only, the Dekalb County Health Department inspectors will perform all of the required inspections and written documentation shall be provided of all passed County inspections before the City of Stonecrest issues a Certificate of Completion for the pool.

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