



# Alachua County

## Department of Growth Management

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### ***Building Division***

**Jeff Hays, AICP**, Director  
**Dan Gargas**, Building Official  
**Holly Banner, AICP**, Zoning Administrator

### **In-Ground Concrete Residential Pool** **Inspection Requirements** **Revised 12.6.2023**

#### 1305 - Pool Bond/ Steel (Shell Inspection)

##### Documents required on site:

All Building Division approved permit documents must be on site.

##### What is inspected:

1. Verify all steel installed according to plans, maintaining min. concrete coverage.
2. Pool Bonding to reinforcement steel at 4 equidistant locations with min.8 AWG and approved bonding clamps that are properly tightened.
3. Main drain inspection and pressure test minimum 35 psi.
4. Maintain minimum coverage to rebar as per plan or 3" if plans do not specify a distance.
5. Skimmer rebar details to be completed as per plan if shown.
6. Temporary Barrier securely installed around excavation to prevent accidental falls. Barricade to remain in place during construction.

#### 4395 – Plumbing Underground (may be combined with 1305 Pool Bond/steel inspection)

##### Documents required on site:

All Building Division approved permit documents must be on site.

##### What is inspected:

1. Pool piping – all piping must be completed and exposed to equipment location. System must be pressurized to 35 psi. minimum water or air. Virtual inspections accepted.
2. Temporary Barrier securely installed around excavation to prevent accidental falls. Barricade to remain in place during construction.

#### 2050 – Pool Equipotential Bond

##### Documents required on site:

All Building Division approved permit documents must be on site.

##### What is inspected:

1. Pool bonding, min. 8 AWG loop around pool, conforming to the shape of the pool 18" to 24" from the inside of the pool and secured 4-6" below top of subgrade, shell or

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- pool beam all connections to be secured with listed connectors.
2. Equipotential bonding shall be protected from physical damage from the deck to the pool equipment location.
  3. Temporary Barrier securely installed around excavation to prevent accidental falls. Barricade to remain in place during construction.
  4. If it is a concrete deck, it must be excavated for equipotential bond.

#### 1315 – Pool Deck

Documents required on site:

All approved permit documents must be on site including termite treatment

What is inspected:

Pool deck must have fill in place, free of vegetation and compacted.

Pool Electric:

1. All metal within 5' to be bonded
2. Underground wiring shall be protected from physical damage.
3. Temporary Barrier securely installed around excavation to prevent accidental falls. Barricade to remain in place during construction.

#### 1005 Foundation Footing

Foundations and footings:

1. Footing size and reinforcing steel of retaining walls and screen enclosures installed according to plans.

#### 9000 - Final

Documents required on site:

All approved permit documents must be on site.

What is inspected:

Operation:

1. The pool should be fully operational and running at the time of inspection.
2. Pool safety barrier (enclosure, fence, etc.) shall be complete.
3. Residential safety barrier, if attached to home, should be installed. (alarm, cover, etc.).
4. All glazing within 5' of pool edge shall be protected.
5. Anti-entrapment devices installed and manufacturer's instructions on site.

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6. Pool equipment shall be secured with all holes having tap-cons or other approved fasteners.

#### Electrical:

1. All metal within 5' of the pool, and the screen enclosure to be bonded.
2. Location and operation of required GFCI receptacles.
3. Pool equipment installed and bonded. NEC 680.25 (B) (6)  
Exception; metal parts of listed equipment of listed equipment incorporating an approved system of double insulated shall not be bonded.

4. **-(Revision) 680.21(C) GFCI Protection-**

The GFCI requirements for pool motors has been revised to indicate that all pool motors on branch circuits rated 150 volts or less to ground and 60 amperes or less , single phase/three phase, shall be provided with GFCI protection, except that any listed low voltage pool motor not requiring grounding, with ratings not exceeding the low-voltage contact limit that are supplied by listed transformers or power supplies per 680.23(A)(2) shall not require GFCI protection. For the definition of low-voltage contact limit, see 680.2.

\*\*above list is not an exhaustive, additional items may be requested depending on the scope of your project\*

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