



## GROWTH AND RESOURCE MANAGEMENT

Building and Zoning  
123 West Indiana Avenue  
Deland, FL 32720  
(386) 736-5929 Fax (386) 626-6593

### Residential Swimming Pool Application Information Chapter 45 Florida Building Code - Residential

October 2016

*Please submit 1 copy of this page with your permit package*

#### PLAN REVIEW SUBMISSION REQUIREMENTS

- A) For review, provide two sets of structural plans originally signed, sealed, and dated by a Florida registered engineer containing, at a minimum, the following:
- Design statement showing conformance with Section R4501.6 of the current Florida Building Code – Residential.
  - Typical section thru pool shell showing type and thickness of wall, type & size of reinforcement, wall connection w/deck, type & thickness of deck, deck reinforcement etc...
  - Typical longitudinal section showing pool bowl depths, radius, slope break depths and maximum slopes at the pool entrance shallow end and the transition slope towards the deep end of the pool. etc...

*NOTE: THIS OFFICE WILL ACCEPT REQUESTS TO MASTER FILE STRUCTURAL ENGINEERING PLANS.*

- B) For review, provide site specific pool and spa (if applicable) layout, minimum scale 1/8"=1', showing drain locations, pool depths, means of egress (ladders, stairs, swim-outs etc...), skimmer location(s), return location(s), suction cleaner line location, equipment location, heater location etc...
- C) For review, complete the attached "Residential Swimming Pool Safety Requirements" affidavit.
- D) For review, complete the 3 page attachment (Simplified TDH Calculations and Filtration Flow Rate Calculations) demonstrating compliance with ANSI/APSP-7 and ANSI/APSP/ICC-15 or provide site specific engineered calculations showing compliance with the above referenced standards.



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Residential Swimming Pool Safety Requirements
Section R 4501.17 Florida Building Code - Residential
Please submit 2 copies of this page with your permit package

October 2016

I, \_\_\_\_\_
Owner's name (please print)

Residing at: \_\_\_\_\_

Project location: \_\_\_\_\_

Do hereby request a permit to build a swimming pool to be issued to:

\_\_\_\_\_  
Contractor's name & Company name (please print)

My contractor has informed me that prior to the filling of my pool, I will need the safety barrier(s) installed in accordance with the Florida Building Code and that the electrical inspection approvals will have been obtained. The current Florida Building Code - Residential requires private pools to be enclosed by a barrier meeting the requirements of Section R4501.17. (Please see options listed below).

Indicate your method of compliance by checking the appropriate box(s).

The pool will be equipped with an approved safety pool cover complying with ASTM F 1346.

The pool will be isolated from access from the home and yard by an enclosure meeting the barrier requirements of Section R4501.17 FBC-R.

Combination of a partial barrier, wall of a dwelling serving as a partial barrier, alarms and/or self closing/latching devices:

All doors and windows providing direct access from the home to the pool shall be equipped with an exit alarm complying with UL 2017 that has a minimum sound pressure rating of 85 dB A at 10 feet (3048 mm). The exit alarm shall produce a continuous audible warning when the door and its screen are opened. The alarm shall sound immediately after the door is opened and be capable of being heard throughout the house during normal household activities. The alarm shall be equipped with a manual means to temporarily deactivate the alarm for a single opening. Such deactivation shall last no more than 15 seconds. Any deactivation switch shall be located at least 54 inches (1372 mm) above the threshold of the access. Separate alarms are not required for each door or window if sensors wired to a central alarm sound when contact is broken at any opening.

All doors providing direct access from the home to the pool must be equipped with a self-closing, self-latching device with positive mechanical latching/locking installed a minimum of 54 inches (1372 mm) above the threshold, which is approved by the authority having jurisdiction.

A swimming pool alarm that, when placed in a pool, sounds an alarm upon detection of an accidental or unauthorized entrance into the water. Such pool alarm must meet and be independently certified to ASTM Standard F2208, titled "Standard Safety Specification for Residential Pool Alarms," which includes surface motion, pressure, sonar, laser, and infrared alarms. For purposes of the paragraph, the term "swimming pool alarm" does not include any swimming protection alarm device designed for individual use, such as an alarm attached to a child that sounds when the child exceeds a certain distance or becomes submerged in water.

According to Section 515.27 F.S., a person who fails to equip a new residential swimming pool with at least one pool safety feature as required above commits a misdemeanor of the second degree, punishable as provided in s. 775.082 or s. 775.083.

I also understand that steel & ground and deck inspections are required in addition to the pool pre-fill inspection and the final pool inspection when all equipment and the circulation system must be complete and in operation.. Inspection access to the interior of the home is required if alarms on windows & doors or if self-closing/self latching doors are utilized to meet the above requirements.

\_\_\_\_\_  
Signature (owner)

\_\_\_\_\_  
Witness signature

\_\_\_\_\_  
Witness (print name)

\_\_\_\_\_  
Date

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature (contractor)

\_\_\_\_\_  
Date