

City of Palmetto
Building Division – Public Works Department

Residential Swimming Pool, Spa, and Hot Tub Safety Act

Notice of Requirements

I/We acknowledge that a new swimming pool, spa, or hot tub will be constructed or installed at _____, and hereby affirm that one of the following methods will be used to meet the requirements of Chapter 515, Florida Statutes and the Florida Building Code 2010. *(Attach one (1) copy of this form to each set of plans).*

Please initial the method(s) to be used for your pool.

_____ The pool will be isolated from access to the home by an enclosure that meets the pool barrier requirements of Florida Statute 515.29.

_____ The pool must be equipped with an approved safety pool cover.

_____ All doors and windows providing direct access from the home to the pool must be equipped with an exit alarm that has a minimum sound pressure rating of 85 dB A at 10 feet; or

_____ All doors providing direct access from the home to the pool must be equipped with self-closing, self-latching devices with release mechanisms placed no lower than 54" above the floor; FBCR 2010.

A person who fails to equip a new residential swimming pool with at least one pool safety feature as required in subsection (1) commits a misdemeanor of the second degree, punishable as provided in s. 775.082 or s. 775.083, except that no penalty shall be imposed if the person, within 45 days after arrest or issuance of a summons or a notice to appear, has equipped the pool with at least one safety feature as required in subsection (1) and has attended a drowning prevention education program established by s. 515.31. However, the requirement of attending a drowning prevention education program is waived if such program is not offered within 45 days after issuance of the citation.

Contractor's Signature & Date

Owner's Signature & Date

Contractor's Name (Please Print)

Owner's Name (Please Print)



ATTACH A COPY OF THIS FORM TO EACH SET OF PLANS
SWIMMING POOL AND SPA REQUIREMENTS



Contractor: _____

Owner's Name: _____

Owner's Address: _____

Drawings required: Must be drawn to scale, dimensioned

Survey: Copy of Survey

Site Plan: Locate all existing structure, pool/spa, deck, and show all setbacks with dimensions.

Plan View: Show and dimension pool/spa and all decks, planters, stairs, retaining walls, etc. Indicate re-bar and all fixtures bonded to pools grounded system with minimum #8 solid copper wire using an approved connector. Electrical conductors not associated with pool and/or pool equipment shall not be installed nearer than ten (10) feet horizontally from edge of the pool proper.

Equipment: Show on plan, pump location.

Sections: Dimensioned section view through pool wall, floor, and deck, showing: wall, floor, and deck thickness, reinforcement, and footings. Provide an angle-of-repose drawing showing: depth of the pool, angle-of-repose, and distance to and depth of closest structural footing.

Safety Act: Include on the plan view, the location of all required safety features. Locate barriers, self-latching doors, alarm protected openings, and structure walls used as part of barriers.

Pool Shell Structural Specifications:

1. Concrete pool/spa:
 Wall: Thickness _____ Min. P.S.I. _____ Re-Bar (size/spacing) _____ / _____ o.c. each way
 Hand-packed _____ Shot-crete _____ Gunite _____ Other _____
2. Manufactured fiberglass in ground/spa:
 Professionally designed to code requirements with installation specifications and drawings provided.
3. Manufactured above-ground pool permanently installed:
 Installation specifications and drawings provided.
4. Manufactured freestanding spas permanently installed:
 Installation specifications and drawings provided.

Deck and Footing Specifications: Verify footing requirements with cage engineering

1. Deck thickness: _____ Minimum concrete P.S.I. _____
 Reinforcement... W.W.M. Fiber Mesh
2. Deck edge footing... Depth _____ Width _____ Steel amount/size _____ / _____

Entrapment Avoidance Requirements:

(1,2, & 3 are all required. Location and distinct description to be shown on the pool plan)

1. Minimum 12" x 12" grate, anti-vortex cover, or other approved means.
2. Required backup vacuum relief shall also be provided by approved vacuum release system, vent piping, or other approved means.
3. Minimum two (2) suction inlets for each pump separated a minimum of three (3) feet, or located on two different planes (i.e. wall and floor), or one on two separate vertical walls.

Florida ADS, Inc. - Pool Alert™ Technical Specifications

- System is hard wired to control panel. System is always on to provide pool protection 24 hours, 7 days.
- Uses standard (22-2) and (22-4) UL alarm wire.
- Back up battery is standard 12 volt 1.2 ah, or 4.0 Oah battery and provides up to 16 hours back up time.
- Includes 12-volt DC re-charger powered by standard AC transformer. Same as used by most burglar alarms.
- System is powered by 16-volt low voltage transformer and is enclosed in UL listed outlet cover or secured with one way screw to prevent tampering.
- Uses variable timer et to 15 seconds for “exit” and “re-enter”. (delay is PRESET at factory and cannot be adjusted)
- Siren is 95 to 100 decibels at 10 feet, commercial burglar alarm type.
- Siren operates from 6 volts to 14 volts DC.
- Entire system is low voltage 1 to 13 volts DC.
- The contacts work exactly like a burglar alarm “closed” loop.
- Uses standard alarm door/window “NC closed” contacts.
- Alarm triggers siren *instantly* whenever a door is opened unless a covered, recessed child-proof by-pass button (City of Palmetto only) is pressed *BEFORE* opening protected door, (inside only) outside is (standard) by-pass button. This allows a (15 SECOND DELAY). Button is located a minimum of 54” above the door threshold.
- By-pass button is standard doorbell type momentary press button.
- Alarm sound sin (15 SECONDS) if door/window is not closed or left ajar.
- UL Electronics are enclosed in “burglar alarm” style metal cabinet. Door is secured with cam lock to prevent tampering.
- Includes 1-year parts warranty. Return to factory. On site service available form independent installers.

POOL ALARM SYSTEMS - MINIMUM REQUIREMENTS
FBCR 2010 -CHAPTER 41

1. Must be hard wired to building's 120 volt electrical system.
2. There can be no on-off switch.
3. System must always be on to provide pool protection 24 hours per day.
4. Alarm system must sound immediately when any door or window leading to the pool area is opened and must continue to sound at the specified level without ceasing. No delay of alarm.
5. The sounding devise must emit a signal of at least 85 decibels at 10 feet away.
6. Any reset or bypass button must be installed at a height of no less than 54" above the floor.
7. Any reset or bypass button must be protected by being recessed or have protective ring or cover to prevent easy child access.
8. The transformer must be secured or in an enclosed housing to prevent being easily unplugged.
9. Any reset or bypass of the alarm must not exceed 7 seconds.

Submit alarm features and details to the City of Palmetto Building Division of the Public Works Department for approval prior to installation.

FLORIDA BUILDING CODE SWIMMING POOL REQUIREMENTS

ATTENTION ALL SWIMMING POOL CONTRACTORS:

The only engineering that has been approved by our City of Palmetto Building Official was submitted by the National Spa & Pool Institute for use by their members per a list of the NSPI provided.

1. All plans submitted by NSPI members using approved swimming pool, spa, and wading pool dual main drain atmospheric vent arrangement compliant with the 2010 Florida Building Residential Code for residential swimming pools, spas, and wading pools. Please note the following:

THE ONLY DATE ACCEPTED ON APPROVED NSPI ENGINEERING IS 1/23/2002. COPY MUST SHOW ENGINEER SEAL, SIGNATURE, ADDRESS AND PHONE NUMBER. (COPIES ARE ACCEPTABLE; WE HAVE THE SEALED COPY ON FILE FOR NSPI MEMBERS. BE SURE YOU DO NOT CUT OFF ANY OF THE ORIGINAL SEALED COPY WHEN YOU MAKE YOUR COPIES) YOU MUST INCLUDE YOUR NSPI MEMBERSHIP NUMBER ON ALL PLANS.

2. You must note on Pool/Spa plans which method you are using as follows:
Note: Vac relief provided per attached (NSPI Sheet) or (Hayward Main Drain Accessory Kit #SP1048RKit) or (Vac-Alert Va-2000 Valve). Draw on pool and spa plan where dual main drains will be and put above note in same area.
3. Attach each set of your plans together in the following order:
 - a. Pool/Spa Plan
 - b. Survey/Plot Plan
 - c. City of Palmetto Pool and Spa Requirement Sheet
 - d. Method using for Florida Building Code (Vacuum Relief)
 - e. Pool Safety Act
 - f. A copy of your sealed pool shell engineering***Plans are returned to your firm after approval***