



## SWIMMING POOL WORKSHEET - (FBC 7<sup>th</sup> Edition 2020)

SITE ADDRESS: \_\_\_\_\_

Gallons of Water: \_\_\_\_\_  Residential  Commercial

Pool Pump Model: \_\_\_\_\_ (Submit Product Specification)

Pool Filter Model: \_\_\_\_\_ (Submit Product Specification)

Heater:  Yes  No Heater Model: \_\_\_\_\_  
(Submit Product Specification)

Heater Type:  Electric  Gas (By Separate Permit)

Pool Deck Material: \_\_\_\_\_ Deck Size (S.F.): \_\_\_\_\_

Equipotential Bonding: Per NEC 2017, Section 680.26, equipotential bonding shall be installed to reduce voltage gradients in the pool area. An approved equipotential bonding inspection shall be required prior to the installation of any pool decks. Failure to obtain an approved inspection may require the removal of the pool deck for code compliance verification (FBC 7<sup>th</sup> – Section 110.6).

### RESIDENTIAL POOL BARRIER SYSTEM – FROM EXTERIOR (MUST SELECT ONE)

- “Kiddie” Type Fence: (Submit product specification at time of permitting)
- New Fence as Pool Barrier Permit (Separate building permit required)
- Existing Fence as Pool Barrier Permit (Separate building permit required)
- New Screen Enclosure Pool Barrier Permit (Separate building permit required)

### RESIDENTIAL POOL BARRIER SYSTEM – FROM INTERIOR (MUST SELECT ONE)

- “Kiddie” Type Fence: (Submit product specification at time of permitting)
- Door Pool Alarms under UL2017 (Submit product specification at time of permitting)
- Floating Pool Alarms under ASTM F2208 (Submit product specification at time of permitting)
- Other: \_\_\_\_\_ (Submit Product Specification)

**Applicant’s Affidavit: I hereby certify that I have read the material on all pages of this document and have FULLY provided ALL the information requested. A final electrical and barrier code inspection shall be completed prior to filling the pool with water. Failure to have an approved pool barrier prior to filling the pool may result in a \$500-\$1,000 penalty.**

\_\_\_\_\_  
Qualifier Name

\_\_\_\_\_  
Qualifier Signature

\_\_\_\_\_  
Date

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**POOL BARRIER REQUIREMENTS AFFIDAVIT  
FBC 2020, 7<sup>TH</sup> EDITION**

PERMIT NUMBER: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

§454.2.17.1.1 The top of the barrier shall be at least 48 inches 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 measured on the side of the barrier which faces away from the swimming pool. Where the top of the pool structure is above grade the barrier may be at ground level 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.

§454.2.17.1.2 The barrier may not have any gaps, openings, indentations, protrusions, or structural components that could allow a young child to crawl under, squeeze through, or climb over the barrier as herein described below. One end of the barrier shall not be removable without the aid of tools. Openings in the barrier shall not allow passage of a 4-inch diameter sphere.

§454.2.17.1.3 Solid barriers which do not have openings shall not contain indentations or protrusions except for normal construction tolerances and tooled masonry joints.

§454.2.17.1.4 Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is less than 45 inches, the horizontal members shall be located on the swimming pool side of the fence. Spacing between vertical members shall not exceed 1-3/4 inches in width. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1-3/4 inches in width.

§454.2.17.1.5 Where the barrier is composed of horizontal and vertical members and the distance between the tops of the horizontal members is 45 inches or more, spacing between vertical members shall not exceed 4 inches. Where there are decorative cutouts within vertical members, spacing within the cutouts shall not exceed 1-3/4 inches in width.

§454.2.17.1.6 Maximum mesh size for chain link fences shall be a 2-1/4 inch square unless the fence is provided with slats fastened at the top or bottom which reduce the openings to no more than 1-3/4 inches.

§454.2.17.1.7 Where the barrier is composed of diagonal members, the maximum opening formed by the diagonal members shall be no more than 1-3/4 inches.

§454.2.17.1.8 Single access gates, when provided, shall comply with the requirements of §454.2.17.1.1 through §454.2.17.1.7 and shall be equipped with a self-closing and self-latching locking device located no less than 54 inches from the bottom of the gate. The device release mechanism shall be located on either side of the gate and so placed that it cannot be reached by a young child over the top or through any opening or gap. Gates that provide access to the swimming pool must open outward away from the pool. The gates and barrier shall have no opening greater than 1/2 inch within 18 inches of the release mechanism. **(No double gates or doors permitted for pool barrier.)**

§454.2.17.1.9 Where a wall of a dwelling serves as part of the barrier, one of the following shall apply:

1. 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 and is either hard-wired or of the plug-in type or battery. 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. The deactivation switch shall be located at least 54 inches above the threshold of the door.

• EXCEPTIONS:

- a. Screened or protected windows having a bottom sill height of 48 inches or more measured from the interior finished floor at the pool access level.
  - b. Windows facing the pool on floor above the first story.
  - c. Screened or protected pass-through kitchen windows 42 inches or higher with a counter beneath.
2. 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 above the threshold, which is approved by the authority having jurisdiction.

§454.2.17.1.10 Where an aboveground pool structure is used as a barrier or where the barrier is mounted on top of the pool structure, and the means of access is a ladder or steps, the ladder or steps either shall be capable of being secured, locked or removed to prevent access, or the ladder or steps shall be surrounded by a barrier which meets the requirements of §454.2.17.1.1 through §454.2.17.1.9 and §454.2.17.1.12 through §454.2.17.1.14. When the ladder or steps are secured, locked or removed, any opening created shall not allow the passage of a 4 inch diameter sphere.

§454.2.17.1.11 Standard screen enclosures which meet the requirements of §454.2.17 may be utilized as part of or all of the "barrier" and shall be considered a "non-dwelling" wall. One end of the barrier shall not be removable without the aid of tools.

§454.2.17.1.12 The barrier must be placed around the perimeter of the pool and must be separate from any fence, wall, or other enclosure surrounding the yard unless the fence, wall, or other enclosure or portion thereof is situated on the perimeter of the pool, is being used as part of the barrier, and meets the barrier requirements of this section.

§454.2.17.1.13 Removable child barrier must be placed sufficiently away from the water's edge to prevent a young child or medically frail elderly person who may manage to penetrate the barrier from immediately falling into the water. Sufficiently away from the water's edge shall mean no less than 20 inches from the barrier to the water's edge. Dwelling or non-dwelling walls, when used as part or all of the "barrier" and meeting the other barrier requirements, may be as close to the water's edge as permitted by this code.

§454.2.17.1.14 A wall of a dwelling may serve as part of the barrier if it does not contain any door or window that opens to provide direct access from the home to the swimming pool.

§454.2.19 Final inspection. Final electrical, and barrier code, inspection shall be completed **prior to filling the pool with water. Failure to have an approved pool barrier prior to filling the pool may result in a \$500-\$1,000 penalty.**

I CERTIFY THAT I HAVE READ AND UNDERSTAND THE POOL BARRIER REQUIREMENTS AS FLORIDA BUILDING CODE 7<sup>TH</sup> EDITION 2020 WITH THE LATEST AMENDMENTS, 454.2 (RESIDENTIAL), AND THAT A POOL BARRIER MEETING THESE REQUIREMENTS, FROM 454.2.17.1.1 THROUGH 454.2.17.1.14, SHALL BE IN PLACE AT THE TIME OF FINAL INSPECTION.

\_\_\_\_\_  
COMPANY NAME

\_\_\_\_\_  
CONTRACTOR PRINT NAME

\_\_\_\_\_  
CONTRACTOR (SIGNATURE)

\_\_\_\_\_  
DATE