



# SWIMMING POOL AND SPA REQUIREMENTS

Contractor \_\_\_\_\_

Owner's name \_\_\_\_\_ Address \_\_\_\_\_ permit # \_\_\_\_\_

**DRAWINGS REQUIRED:** Site Specific Specification Drawings, Signed and Sealed by Architect/Engineer for each pool application. Must be drawn to scale, dimensioned

**SURVEY:** Copy of survey

**SITE PLAN:** Locate all existing structures, 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 the edge of the pool proper.

**EQUIPMENT:** Show on plan, pump location and capacity, max. pressure or vacuum, and filter type.

**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 the closets 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) **ENTRAPMENT AVOIDANCE REQUIREMENTS:** (entrapment protection suction outlets (per FBC Residential 8th Edition (2023 ), Section R 4501.6.6).

3) Pool and spas with electric or gas heaters must have thermal covers (FBC Residential 8th Edition (2023 ), FBC Energy Conservation 8th Edition (2023), Section R403.10.3).

4) Manufactured fiber-glass in ground / spa:

Professionally designed to code requirements with installation specifications and drawings provided.

5) Manufactured above-ground pool permanently installed:

Installation specifications and drawings provided.

6) 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 \_\_\_\_\_ / \_\_\_\_\_

3) Stem Wall details Depth \_\_\_\_\_ width \_\_\_\_\_ Steel amount/size \_\_\_\_\_ / \_\_\_\_\_ Wall Height \_\_\_\_\_

4) Type of Termite Treatment \_\_\_\_\_

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