



**MANATEE COUNTY
FLORIDA**

PERMIT # _____

**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 (FBC) 2014 Fifth
Edition.

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 and FBC 4501.17.1 thru 4501.17.3.

_____ The pool will be equipped with an approved safety pool cover that complies with ASTM
F1346-91 (Standard Performance Specifications for Safety Covers for Swimming Pools, Spas
and Hot Tubs), ASTM F1346.91 (2003).

_____ All doors and windows providing direct access from the home to the pool will be equipped with
an exit alarm that has a minimum sound pressure rating of 85 decibels at 10 feet. Florida
Building Code 2014 Fifth Edition, R4501.17.1.9 as per UL 2017-08

_____ All doors providing direct access from the home to the pool will be equipped with self-closing,
self-latching devices with release mechanisms placed no lower than 54" above the threshold.
As per Florida Building Code Fifth Edition and 4501.17.1.8.

**I understand that not having one of the above installed at the time of final inspection will constitute a
violation of Chapter 515, Florida Statutes and will be considered as committing a misdemeanor of the
second degree, punishable by fines up to \$500.00 and/or up to 60 days in jail as established in Chapter
775, Florida Statutes.**

Contractor's Signature

Date

Owner's Signature

Date

Print Name of Contractor

Print Name of Owner

*******ATTACH A COPY OF THIS FORM TO EACH SET OF PLANS*******
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 Florida Building Code Residential 2014 Fifth Edition, R 4501.6.6).

3) Pool and spas with electric or gas heaters must have thermal covers (Florida Building Code Residential 2014 Fifth Edition, Energy Conservation R 403.9.3).

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 _____



ANSI/APSP-7 Suction Outlet Safety Compliance Worksheet

Project Name: _____

Address: _____

THIS DATA IS FOR THE : Pool Auxiliary (Spa, Feature(s), etc.)

SUCTION OUTLET(S):

Are there drains: Yes No (if no, go to trunk & return pipe size)

Single Unblockable Two or more

(if single Unblockable, indicate make, model & flow rating, then go to trunk & return pipe size)

Drain make & model: _____

Listed cover flow rate: _____ gpm

SYSTEM FLOW RATE:

System flow rate: _____ gpm

Method of determining system flow rate:

- Maximum flow rate from the pump curve
- Total dynamic head calculation (attach calculations)
- Simplified total dynamic head (attach pipe length + filter + heater resistance)

PUMP SELECTION:

Pump make & model: _____

(attach pump performance curve, indicating flow as calculated above)

PIPE SIZE:

Branch piping size _____ inch @ 6 fps or lower

Trunk line size _____ inch @ 8 fps

PIPE SIZE SUMMARY – THIS JOB – PER THE APPLICATION STANDARD:

Suction side filtration branch piping size: _____ in.

Suction side filtration trunk line piping size: _____ in.

Return side filtration branch piping size: _____ in.

Return side filtration trunk line piping size: _____ in.

Auxiliary drain branch suction line piping size: _____ in.

Auxiliary drain trunk suction line piping size: _____ in.

Auxiliary return line piping size: _____ in.

Vacuum line, if installed shall be sized to flow at 8 fps per ANSI-5 and shall be covered with a self-closing, self-latching cover per ANSI-7

I affirm that the above information is correct and true: _____



ANSI/APSP-15 Energy Efficiency Compliance Worksheet

Project Name: _____

Address: _____

Flow Calculations per Standard: Pool water volume _____ ÷ 360 = _____ gpm = calculated flow rate.

Note: For pools less than 13,000 gals. the calculated flow rate or 36 gpm whichever is greater = the filtration flow rate.

Is there an Auxiliary load on the filtration pump: Yes No

If yes, what is the calculated auxiliary flow rate: _____ gpm

Maximum Flow Rate: _____ gpm (greater of the filtration flow rate or the auxiliary flow rate if the auxiliary flow is powered by the filtration pump)

Minimum suction side filtration pipe size @ 6 fps _____ in. Minimum suction side branch pipe size @ 6 fps _____ in.

Minimum return side filtration pipe size @ 8 fps _____ in. Minimum return side branch pipe size @ 8 fps _____ in.

Note: Pipe sizing requirements apply **ONLY** to filtration piping – do not apply to auxiliary load piping.

PIPE SIZE:	1.5"	2"	2.5"	3"	3.5"	4"	5"	6"
Nominal GPM @ 6 fps	38	63	90	138	185	238	374	540
Nominal GPM @ 8 fps	51	84	119	184	247	317	499	720

Filter Type: _____ **Size:** _____

Minimum filter area per filter factor in the standard _____ x .375 = _____ gpm (max. flow through filter)

Factor = Filter Area x .375 (cartridge) or, x 20 (D.E.) or, x 15 (Sand)

Backwash valve? Yes No (if Yes, must be 2 inch minimum)

Pump Selection as listed on (check one of the following): Curve 'A' Less than 17,000 gal.

Curve 'C' Greater than 17,000 gal.

Make: _____ Model: _____

Flow Rate: _____ gpm @ _____ rpm. (flow rate must be <= maximum filtration flow rate)

Pump Controls: Filtration pump with no auxiliary load – standard time clock _____

Filtration pump with auxiliary load – Control model for low speed default within 24 hr. _____

Heater Model: _____

Gas Heater efficiency rating: _____ (no pilot light)

Heat Pump efficiency C.O.P.: _____

Equipment Piping: Min. 4 pipe diameters in front of pump and min. 18" after filter for future solar.

Directional return fitting will be installed.

I affirm that the above information is correct and true: _____