

March 19, 2020

Sarasota County Sarasota, FL 34240 1001 Sarasota Center Blvd Development Services Kathy Croteau, CBO

Subject: Proposed Residential Pool & Spa 1703 Little Pointe Cir

Owner-Daly

V-ZONE SPECIFICATIONS

Dear Ms. Croteau:

for the subject property and activity. The scope of this project lies landward of the FEMA Vzone, in an VE-12 zone: The following is a certification in conformance with the FEMA Technical Bulletin 5-2008,

Proposed Structure Mitigating Factors

structure will not be attached to the adjacent building foundation. This design is consistent The proposed activity is to construct a residential in ground concrete POOL & SPA. There will be no fill dirt brought on site and excavated soil will be removed from the Velocity Zone (except minor grading). The POOL & SPA will be constructed with thickened floor and walls, and solid benches and steps accord to the attached supplemental specification, which provides the mass for empty anti-buoyancy. The POOL, SPA and DECK will be FLUSH with the mentioned FEMA guidelines. with surrounding grade, with parts of the deck being 12 inches or less. The proposed

Conclusion

nor be subject to breaking up or floating out of the ground during a coastal flood. Also, this nearby buildings. installation is not expected to increase wave or debris impact forces that would affect any Based on this information, the subject pool and spa is not expected to act as an obstruction

Please call me if you have any questions.

PE 33678 CA 27189 J. Kent Kimes, P.E.

This item has been electronically Signed and sealed by J. Kent Kimes PE on date & time stamp shown using a Digital Signature. Printed copies of this document are not

considered signed and sealed an the signature must be verified or any electronic copies.

attachment

cc: AquaTech Pools

3990 SR 64 E / BRADENTON, FLORIDA 34208 / 941-749-0311

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TYPICAL SECTION

POOL/SPA NOTES V-ZONE:

POOL/SPA FLOOR TO BE CONSTRUCTED 8" THICK POOL/SPA WALLS TO BE CONSTRUCTED 8" THICK

USE CONCRETE MINIMUM 4,000 PSI @ 28 DAYS FOR POOL/SPA SHELL 3.

REINFORCING STEEL: ASTM A815 GR 40

MINIMUM CLEARANCE TO SOIL #3 BARS 2.5", #5 BARS 3"

DIG AND SHOOT STEPS & BENCH, SOLID TO FLOOR

PLACE STRUCTURE ON UNDISTURBED EARTH OR **COMPACTED FILL 95% MODIFIED PROCTOR**

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MANAGEMENT SERVICES, INC

3990 SR 64 E., Bradenton, FL 34208 Office: 941-749-0311, Fax: 941-746-7391 kent@kimesengineering.com

P.E. 33678; C.A. 27189

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REVISION

DWG. BY:

BNF

ODIO DIAMO O ENGLANIZIAN

SCALE: AS NOTED

PRINTED: 3/19/20

SUPPLEMENTAL SPECIFICATION **V-ZONE MITIGATION** 1703 LITTLE POINTE CIR **RESIDENTIAL POOL & SPA**



PLANNING AND DEVELOPMENT SEL JES
1001 Sarasota Center Blyd, Sarasota, FL 34240
4000 S. Tamiami Trail, Room 122, Venice, FL 34293
Sarasota 861-6678
Venice 861-3029

SWIMMING POOL AND SPA REQUIREMENTS

forming ement, depth depth exceed	SECTIONS: Dimensioned section view through the 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 closest structural footing. SAFETY: 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. Specify suction outlet covers/grates that comply with ASME/ANSI A112.19.8 2007 or VGB 2008.	SAF
he pool (gpm). g at no hods in	VIEW: Show and Dimension Pool/ with pool and/or pool equip proper. & FLOW: Pump Make, Model, H.P., Pl Specify the size of the brand more than 6 feet per second the ANSI/ADSD-7 Standard:	PLAN RATE
	SITE PLAN: Locate All Existing Structures, Pool/Spa, Deck, and Show All Setbacks With Dimensions. LOT DRAINAGE: Plan prepared in accordance with the Land Development Regulations.	SIT
	DRAWINGS REQUIRED: (Must Be Drawn To Scale, Dimensioned and of Sufficient Quality for Micro-Filming) SURVEY: Prepared, Signed, and Sealed by a Florida Registered Land Surveyor.	DRAWIN
· · · · · · · · · · · · · · · · · · ·	Steel Amount/Size 3 */	3) (
z s	Minimum Concrete P.S.I. 300 W.M. (check box) Fiber-Mesh (check box)	ي ئ
	4) Manufactured Freestanding Spas Permanently Installed: Installation specifications and drawings provided. DECK AND FOOTING SPECIFICATIONS:	4) DECK /
	Manufactured Aboveground Pool Permanently Installed: Installation specifications and drawings provided.	3)
]	Hand-Packed Shot-Crete Gunite V Other Other Manufactured Fiberglass In-Ground Pool/Spa: Professionally designed to code requirements with installation specifications and drawings provided	2)
ich way	Concrete Pool/Spa: Wall: Thickness	
	Total Gallons 17,053 SHELL STRUCTURAL SPECIFICATIONS:	POOL
SARASOTA	DALY BLDG ADDR 1703 Little Cive Cive BLDG ADDR 1703 Little Cive Cive Cive Cive Cive Cive Cive Civ	OWNER OVER A
	REVIEWED FOR CODE COMPLIANCE: REVIEWER DATE/	70 7
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BONDING:

Indicate all fixture bonding, equipotential bonding grid and pool water *bonding (*non-conductive pools).

