

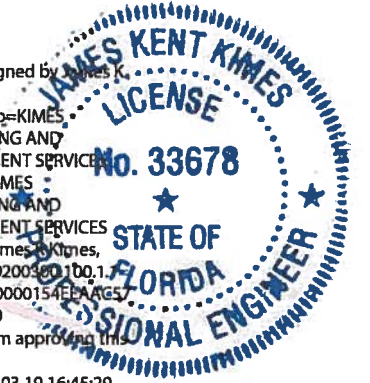
TYPICAL SECTION
N.T.S

POOL/SPA NOTES V-ZONE:

1. POOL/SPA FLOOR TO BE CONSTRUCTED 8" THICK
2. POOL/SPA WALLS TO BE CONSTRUCTED 8" THICK
3. USE CONCRETE MINIMUM 4,000 PSI @ 28 DAYS FOR POOL/SPA SHELL
4. REINFORCING STEEL: ASTM A815 GR 40
5. MINIMUM CLEARANCE TO SOIL #3 BARS 2.5", #5 BARS 3"
6. DIG AND SHOOT STEPS & BENCH, SOLID TO FLOOR
7. PLACE STRUCTURE ON UNDISTURBED EARTH OR COMPACTED FILL 95% MODIFIED PROCTOR

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 and the signature must be verified on any electronic copies.

Digitally signed by James K. Kimes
 DN: c=US, o=KIMES ENGINEERING AND MANAGEMENT SERVICES, INC., ou=KIMES ENGINEERING AND MANAGEMENT SERVICES, INC., cn=James K. Kimes, 0.9.2342.19200380.100.1.A01097C00000154EBAAGS40000603D
 Reason: I am approving this document
 Date: 2020.03.19 16:45:29 -04'00'



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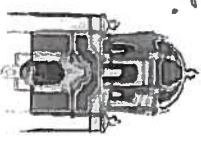
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**SUPPLEMENTAL SPECIFICATION
 V-ZONE MITIGATION
 1703 LITTLE POINTE CIR
 RESIDENTIAL POOL & SPA**

SHT. 1

REVISION			
DWG. BY:	BNF	SCALE: AS NOTED	PRINTED: 3/19/20

ORIG DWG: 8 5/16" (ANSI A)



1921

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

SWIMMING POOL AND SPA REQUIREMENTS

REVIEW STATUS: - A - D - PERMIT # _____ DATE ____/____/____
 REVIEWED FOR CODE COMPLIANCE: REVIEWER _____

OWNER DALY BLDG ADDR 1703 Little Pointe Cir. Sarasota
 OVER ALL POOL/SPA DIMENSIONS Length 28' Width 20' Depth 3' to 5.5'
 Total Gallons 17,053

POOL SHELL STRUCTURAL SPECIFICATIONS:

- 1) Concrete Pool/Spa: Wall: Thickness 8" Min. P.S.I. 4000 Re-Bar (size/spacing) #3 / 12" o. c. each way
 Hand-Packed _____ Shot-Crete _____ Gunite Other _____
- 2) Manufactured Fiberglass In-Ground Pool/Spa: Professionally designed to code requirements with installation specifications and drawings provided.
- 3) Manufactured Aboveground Pool Permanently Installed: Installation specifications and drawings provided.
- 4) Manufactured Freestanding Spas Permanently Installed: Installation specifications and drawings provided.

DECK AND FOOTING SPECIFICATIONS:

- 1) Deck Thickness _____ Minimum Concrete P.S.I. 3,000 Fiber-Mesh (check box)
- 2) Deck Edge Footing... Pool Perimeter Beam... Depth 12" Width 12" Steel Amount/Size 1 / #5
 Depth 3'-5.5" Width 8" Steel Amount/Size 3 / #3
- 3) Pavers (check box)

Footer w/ stem wall

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.

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.

PLAN VIEW: Show and Dimension Pool/Spa and all decks, planters, stairs, retaining walls, etc. 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.

RATE & FLOW: Pump Make, Model, H.P., Performance Curve & Location. Specify maximum system flow rate in gallons per minute (gpm). Specify the size of the branch piping which will allow the maximum system flow to move through the branch piping at no more than 6 feet per second (fps) velocity. Validate the specified flow rate by using one of the three prescribed methods in the ANSI/APSP-7 Standard: 1) Calculating Total Dynamic Head (TDH) (provide calculations and schematic), 2) Performing a simplified TDH calculation, 3) Using maximum flow capacity of the pump.

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.

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

