

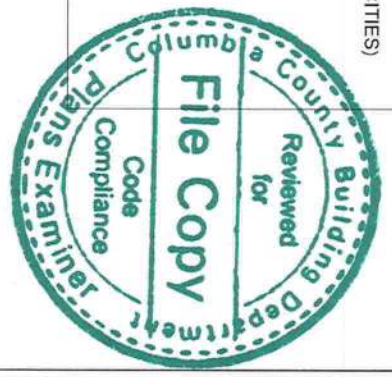
TYPICAL PLAN NOTE:
THESE STANDARD PLANS & DETAILS INDICATE TYPICAL BUILDING CODE REQUIREMENTS FOR FLORIDA PRIVATE SWIMMING POOLS. POOL BUILDER TO PROVIDE SITE SPECIFIC POOL PLAN FOR POOL LAYOUT AND DEPTHS.

STANDARD DETAILS
FLORIDA PRIVATE SWIMMING POOL
Prepared For: **THREE PALM POOLS, LLC**
P.O. Box 152, Newberry, Florida 32669

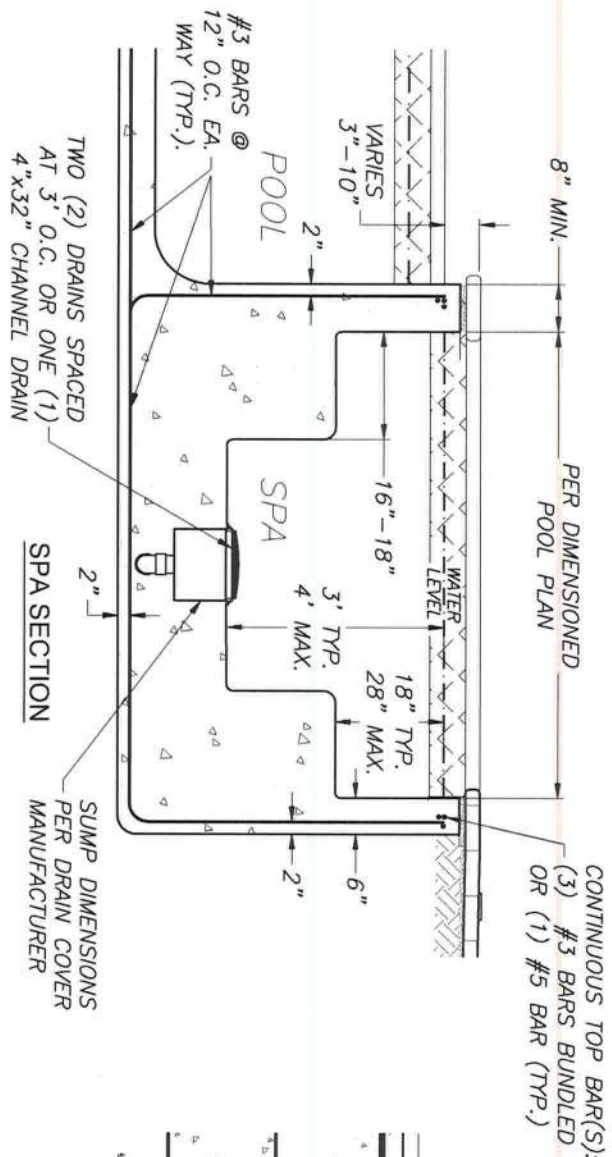
- NOTES:**
1. THESE PLANS ARE APPLICABLE TO RESIDENTIAL SWIMMING POOLS OF LESS THAN 108,000 GALLONS AND 148 G.P.M. PUMP RATE.
 2. DESIGN CRITERIA: **FLORIDA BUILDING CODE 7TH EDITION (2020)**, SECTION 454.2 PRIVATE SWIMMING POOLS, ANSI/APSP-3, ANSI/APSP-5, ANSI/APSP-7, & ANSI/APSP/ICC-15.
 3. SAFETY BARRIERS FOR THE POOL SHALL BE PROVIDED IN ACCORDANCE WITH F.B.C. SECTION 454.2.17 INCLUDING WINDOW AND DOOR ALARMS IF APPLICABLE.
 4. ALL SUCTON OUTLET COVERS/GRATES AND FASTENERS SHALL COMPLY WITH LATEST ASME/ANSI 112.19.8.
 5. MAIN DRAIN SUCTON OUTLET COVERS SHALL CONFORM TO ANSI/APSP/ICC-16 (2017) AND INCLUDE THE MANUFACTURERS RECOMMENDED MANUFACTURED OR FIELD BUILT SUMP DIMENSIONS BELOW OR BEHIND THE DRAIN COVER.
 6. CONSTRUCT POOL ON COMPACTED OR UNDISTURBED SOIL WITH A 1,500 P.S.F. MINIMUM BEARING CAPACITY. CONTACT THE ENGINEER SHOULD ANY MARL, MUCK, CLAYE, ORGANIC OR UNSUITABLE MATERIAL BE ENCOUNTERED IN THE POOL EXCAVATION FOR SOIL CORRECTION RECOMMENDATIONS.
 7. THE LOCAL GROUND WATER TABLE SHALL BE MAINTAINED BELOW THE POOL STRUCTURE DURING CONSTRUCTION AND ANY TIME THE POOL WATER IS EMPTY FOR MAINTENANCE.
 8. POOL PIPING SHALL BE SCH. 40 PVC, STAMPED NSF-PW APPROVED. ALL PIPING, VALVES, EQUIPMENT AND MATERIALS USED SHALL CONFORM TO THE F.B.C., PLUMBING.
 9. CHLORINATING AND/OR DISINFECTANT EQUIPMENT SHALL COMPLY WITH THE LATEST ANSI/NSF-50.
 10. PUMPS SHALL BE 3 H.P. OR LESS AND COMPLY WITH ANSI/UL 1081. PUMPS EQUAL TO OR EXCEEDING 1 H.P. SHALL BE TWO SPEED MINIMUM WITH THE RECIRCULATION RATE MET A LOW SPEED OF AT LEAST ½ THAT OF THE MAXIMUM PUMP SPEED.
 11. ANY POOL LIGHTING, ALL ELECTRICAL WORK AND BONDING OF POOL, EQUIPMENT, HANDRAILS AND LIGHTS TO THE POOL REINFORCING STEEL SHALL COMPLY WITH CHAPTER 27 OF THE FLORIDA BUILDING CODE AND N.E.P.A. 70 ARTICLE 680 NATIONAL ELECTRIC CODE.
 12. HEAT PUMPS SHALL COMPLY WITH THE LATEST UL 559. ELECTRIC HEATERS SHALL COMPLY WITH UL 1261. ANY GAS PIPING SHALL COMPLY WITH F.B.C., FUEL GAS. GAS HEATERS SHALL COMPLY WITH LATEST ANSI-Z21.56.
 13. ONE MEANS OF EXIT FROM THE SHALLOW AND DEEP END CONSISTING OF A LADDER, BENCH, UNDERWATER SEAT OR SWIM-OUT SHALL BE PROVIDED FOR WATER DEPTH 5' OR GREATER. PROVIDE TWO MEANS OF EXIT FOR POOLS WIDER THAN 36'.
 14. UNDERWATER SEATS, BENCHES, AND SWIM-OUTS SHALL BE A MAXIMUM OF 20" BELOW THE WATERLINE.
 15. THIS POOL DOES NOT PROVIDE A MINIMUM DIVING WATER ENVELOPE. NO DIVING OR DIVING EQUIPMENT IS ALLOWED.
 16. POOL PLUMBING PIPE SIZES SHALL BE PROVIDED AS LISTED BELOW BASED ON CONTRACTORS' OR ENGINEERS' CALCULATED MAXIMUM PUMP FLOW RATE PER BELOW.

PIPE SIZE CHART: (FOR F.B.C. ALLOWABLE VELOCITIES)

PUMP RATE	RETURN (10'/SEC.)	SUCTON (8'/SEC.)
0 - 51	1½"	1½"
52 - 62	1½"	2"
63 - 84	2"	2"
85 - 104	2"	2½"
105 - 119	2½"	2½"
120 - 148	2½"	3"

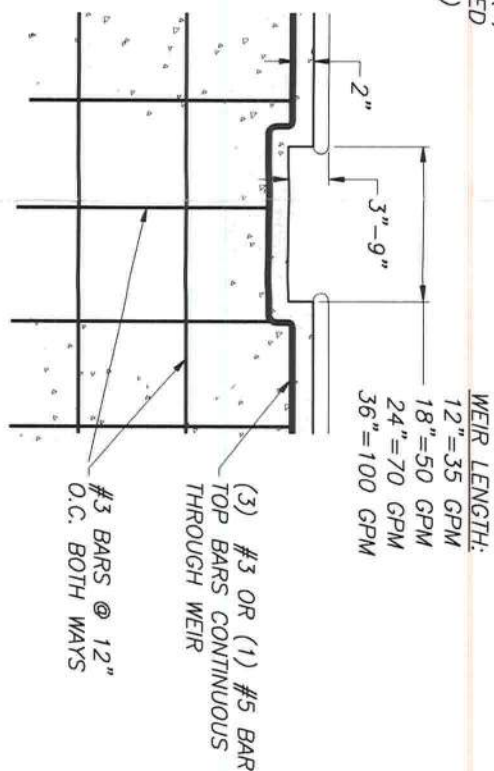


CREST ENGINEERING
of Sarasota, LLC
3402 Magic Oak Lane, Sarasota, Florida 34232
Phone: (941) 377-8811
Email: info@crestfl.com
Date: 12-15-2021
Project No: S0416
Michael L. Shannon, P.E.
Fla. License # 67896
MAY 11 2022
Sheet: SP-1 of 2

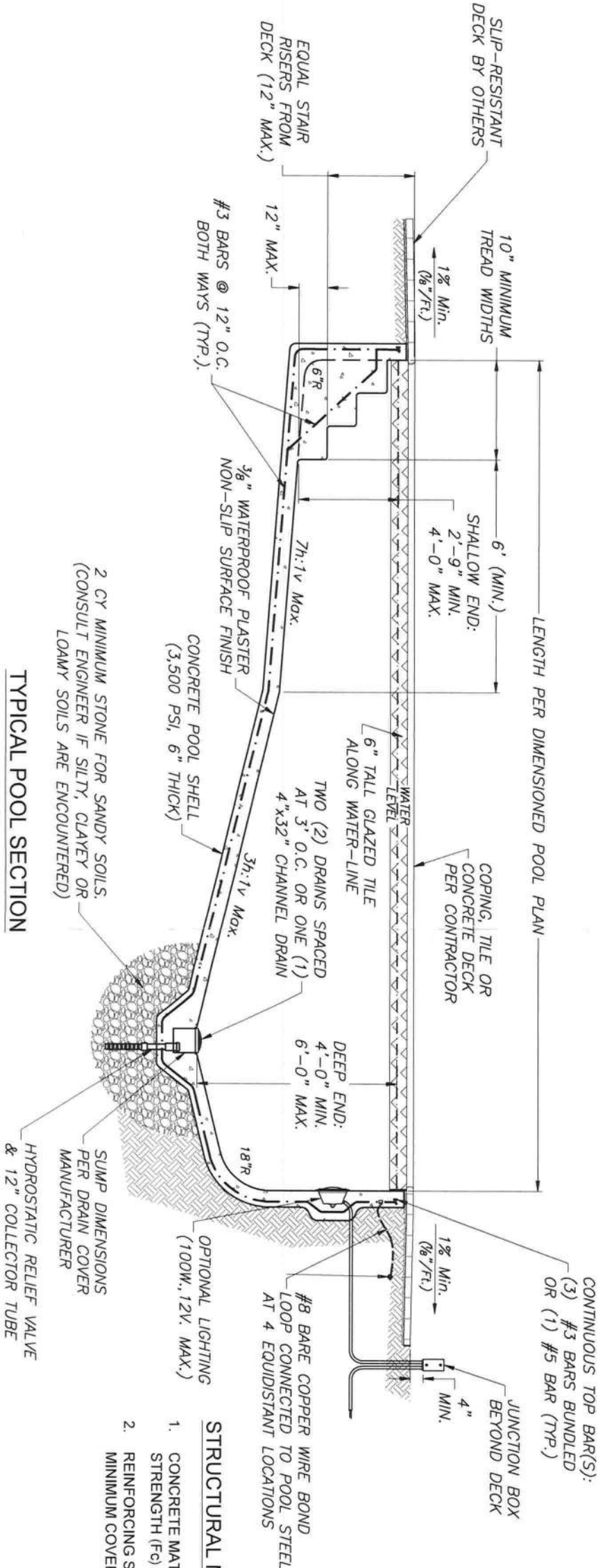


OPTIONAL SPA DETAILS

(N.T.S.)



- SPA NOTES:
- SPA CONSTRUCTION SHALL CONTAIN NO PROTRUSIONS, EXTENSIONS, MEANS OF ENTANGLEMENT OR OTHER OBSTRUCTION WHICH CAN CAUSE ENTRAPMENT OR INJURY OF USER.
 - MAXIMUM WATER DEPTH SHALL BE 4'-0" BELOW WATER LEVEL.
 - MAXIMUM SEAT DEPTH SHALL BE 28" BELOW WATER LEVEL.
 - STEPS TO HAVE UNIFORM RISER HEIGHTS, 10" MIN. TREAD AND HAVE 240 SQ. IN. SURFACE AREA.
 - MAXIMUM FLOOR SLOPE SHALL BE 1":12H.
 - POTABLE WATER HOSE BIB W/ VACUUM BREAKER TO BE LOCATED ON THE POOL/SPA DECK.
 - WEIR FLOW RATES ARE BASED ON 1" HEAD ON WEIR.



STRUCTURAL NOTES:

- CONCRETE MATERIAL TO HAVE 3,500 PSI MINIMUM COMPRESSIVE STRENGTH (F_c) AT 28 DAYS.
- REINFORCING STEEL TO BE GRADE 40 DEFORMED BARS WITH 2" MINIMUM COVER. SPLICE #3 BARS 16" & #5 BARS 26" MIN.

STANDARD 6 FT. MAXIMUM DEPTH POOL SECTION

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of Sarasota, LLC

3402 Magic Oak Lane, Sarasota, Florida 34232

Phone: (941) 377-8811

Email: info@crestfl.com

Florida Engineering Firm No. 28100

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Michael L. Shannon, P.E.
Fla. License # 67896

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