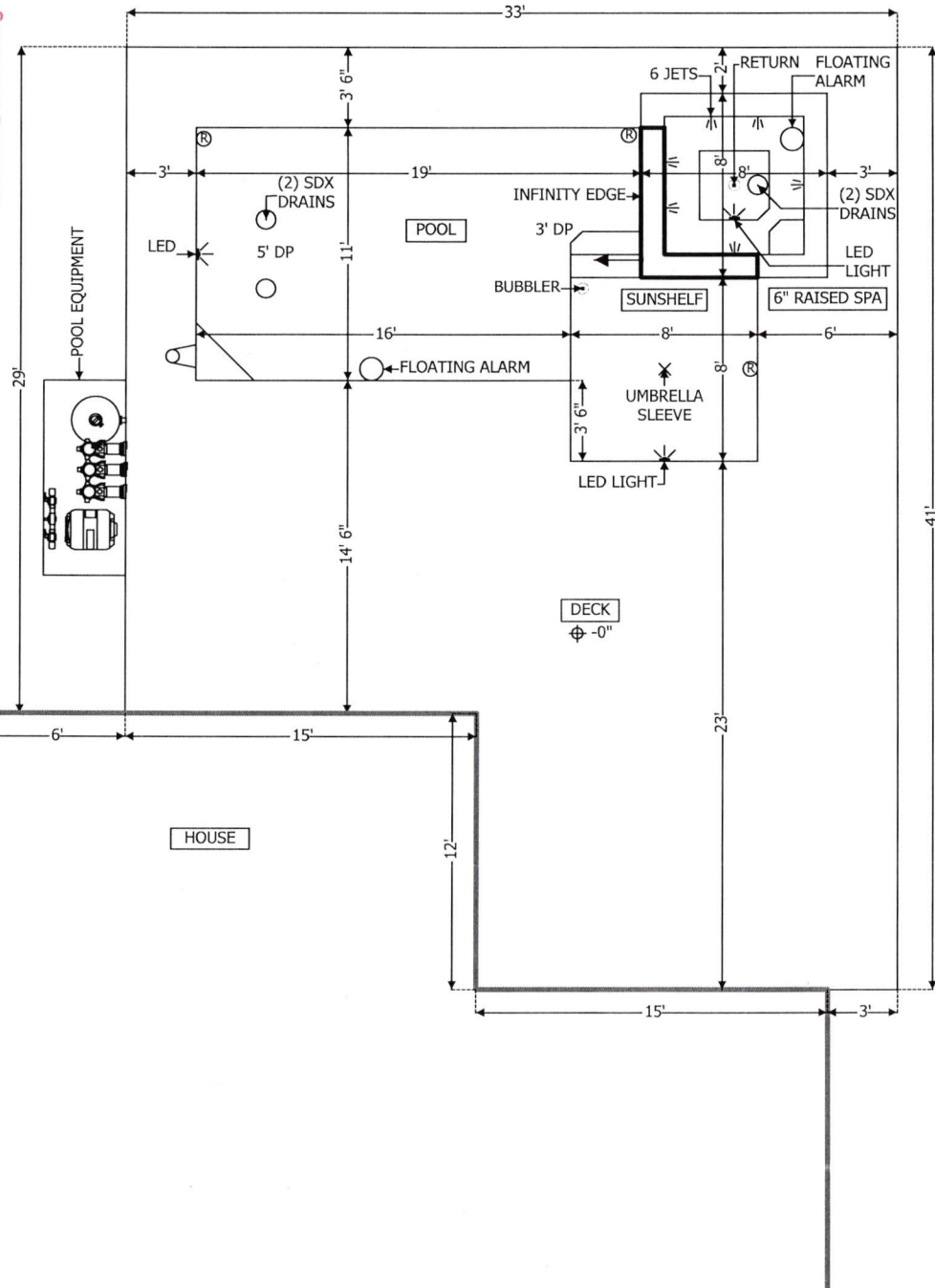


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TOWN OF LONGBOAT KEY
Planning, Zoning & Building



SIGNATURE _____ DATE _____



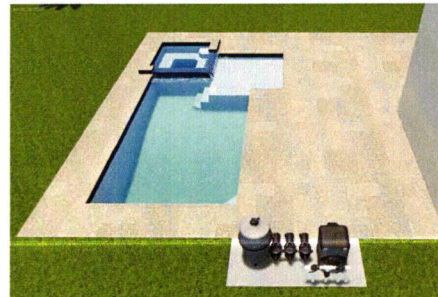
JOB: JONES
DRAWN: 06/11/24

CHANGES:
03/19/24 = moved equipment to left side of house
04/10/24 = moved equipment to back of house
06/11/24 = moved equipment away from house

The pool will be equipped with a device certified to ASTM F2208 "Standard Safety Specifications for Residential Pool Alarms" which sounds an alarm upon defection of an accidental or unauthorized entrance into water.

#8 AWG BOND WIRE 4" - 6" BELOW SUBGRADE 18" - 24" FROM POOL BONDED @ 4 POINTS TO POOL SHELL NEC 680.26(B)(2)(B)

NOTE: POOL TO BE SURROUNDED BY FENCE TO MEET SAFETY REQUIREMENTS INCLUDING SELF LATCHING DOOR WITH 54" HT LATCH



BIDG PERMITS PLANNING
FILL
Copy of Record

CUSTOMER INFO

CUSTOMER NAME: JONES, TIM & LEE, SYLVIA
ADDRESS: 625 JACKSON WAY
CITY/STATE/ZIP: LONGBOAT KEY, FL 34228
PHONE: _____ FAX: _____
CELL: JOHN SHKOR = (310) 936-0150 / TIM JONES = (484) 560-6978
EMAIL: jshkor@gmail.com

POOL

LENGTH: 24' SQFT: 260
WIDTH: 11' - 16' PERIMETER: 77'
DEPTH: 3' - 5' LIGHTS: 2 LED
RETURNS: 3 DRAINS: 2 SDX
INTERIOR MATL: STONESCAPES POOL BEAM: 6"
NOTES: _____

SPA

LENGTH: 8' OD SQFT: 36
WIDTH: 8' OD PERIMETER: 24'
DEPTH: 3' LIGHTS: 1 LED
RETURNS: 6 JETS DRAINS: 2 SDX
RAISED HEIGHT: 6" SPILLWAY: INFINITY EDGE
INTERIOR MATL: STONESCAPES SPA BEAM: 10"
NOTES: _____

PLUMBING

RETURNS: 3 SKIMMERS: 1
VAC LINES: N/A MAIN DRAINS: SDX
CLEANING SYSTEM: N/A
WATER FEATURES: BUBBLER
NOTES: _____

DECK BY OTHERS

DECK TYPE: SHELL STONE ELEVATION: -4" HOUSE
TOTAL DECK SQFT: 868 PERIMETER: _____
RAISED BEAM: N/A MATERIAL: _____
NOTES: _____

EQUIPMENT

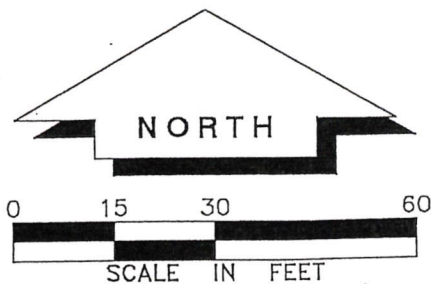
POOL PUMP: HAYWARD 950 VS
FILTRATION: CRTG FILTER SIZE: #150
TIMER: YES CHLORINATOR: SALT
HEATER: HAYWARD H-SERIES 250,000 BTU (GAS)
NOTES: _____



ADDRESS: 2175 9th ST
CITY/STATE/ZIP: SARASOTA, FL 34237
PHONE: (941) 780-8437 FAX: (941) 378-2002
EMAIL: rissler@gmail.com
DESIGNER: CHARLES RISSLER
ALTERNATE CONTACT: EARL RISSLER
LICENSE #: CPC1457329

SCALE: **1/8" = 1'-0"**

REF: _____



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TOWN OF LONGBOAT KEY
Planning, Zoning & Building

LOT 110

SITE BENCHMARK
FND PKND
LB #021 (GFY)
ELEVATION=2.52' (NAVD 1988)

LOT 107

LOT 7

GI #S-11
GRATE=6.10'
NE INVERT=1.41'
SW INVERT=1.38'
E INVERT=1.39'

FOUND 5/8" IRC
LB 7343

THE PRESERVE AT
LONGBEACH
(PLAT BOOK 66, PAGE 40)

6' Privacy Fence

FOUND 5/8" IRC
LB 7343

FOUND 5/8" IRC
LB 7343

Pool Equipment
Gate
Swinging
over from
Pool Self
Latching
54" HT Latch

5.0' D.U.E.

5.0' D.U.E.

8.0' SETBACK

8.3'

3.0'

3.0'

14.5'

15.7'

4.0'

24.0'

FOUND 5/8" IRC
LB 7343

SITE BENCHMARK
FND PKND LB 021 (GFY)
ELEVATION=1.87' (NAVD 1988)

FOUND 4"x4" CM
PLS 4807

7.89'(M)

N89°54'29"W 74.85'(P)(M)

N20°48'29"E
28.96'(P)(M)

N15°22'W 388'E

Construction waste
Water
Systems
Hay Bales 10x10
with 2x4's

6' Privacy
FENCE
0.5' W
FOUND 5/8" IRC
LB 7343

6' Privacy
FENCE

12.0' D.U.E.

5.0' D.U.E.

Gate Swinging
over from
Pool Self
Latching
54" HT Latch

LONGBEACH ON
LONGBOAT KEY
(PLAT BOOK 6, PAGE 66)

FENCE
0.3' E

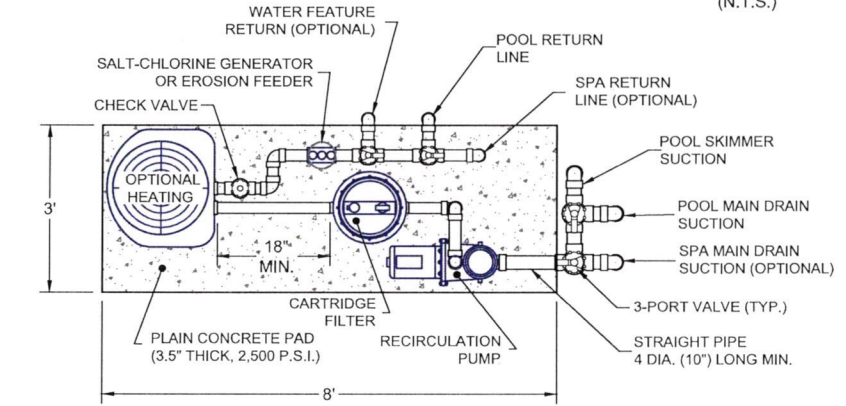
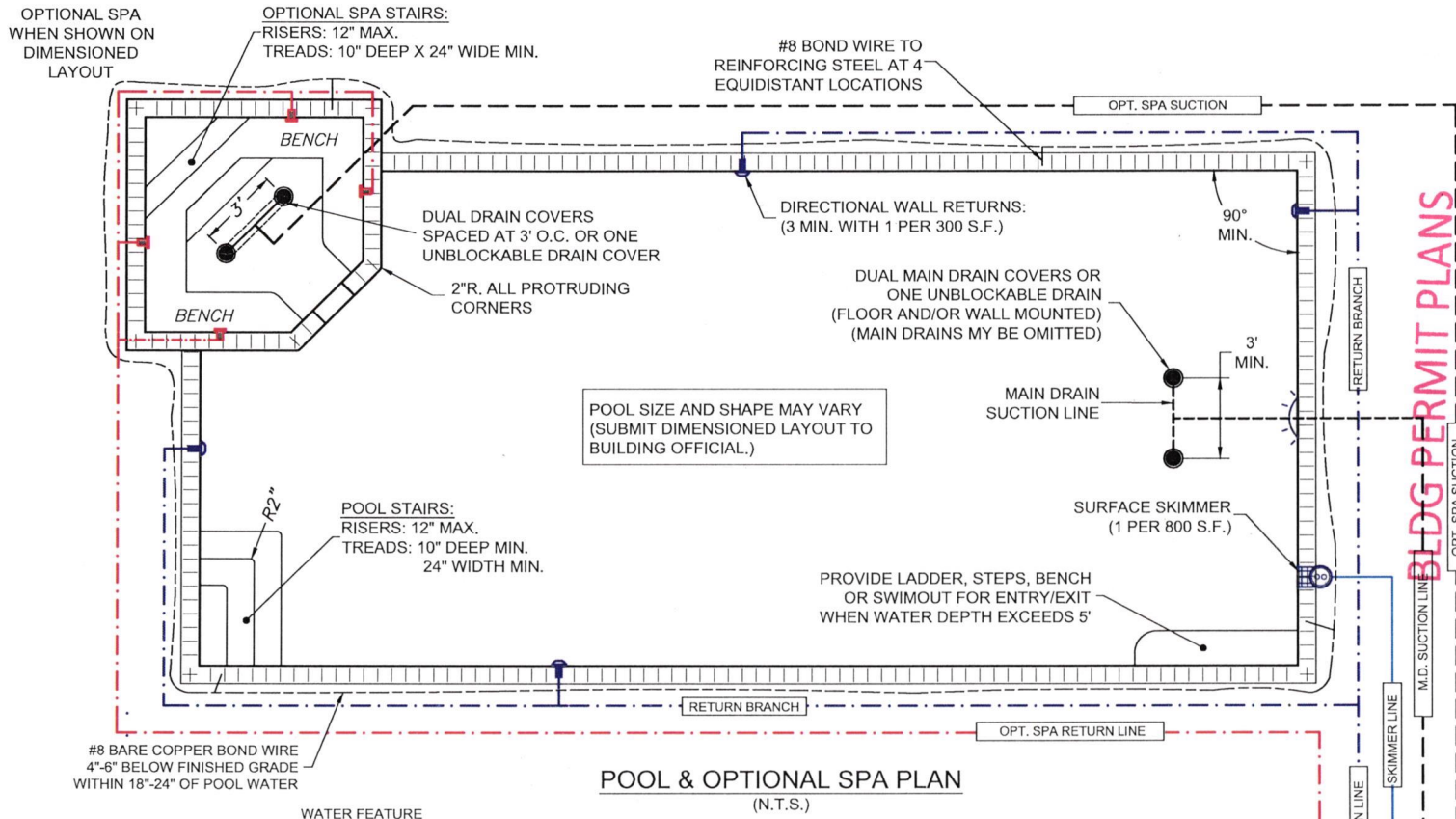
FOUND 4"x4" CM
PLS 4807

LOT 10

JACKSON WAY

BLDG PERMIT PLANS
FILE

Copy of Record



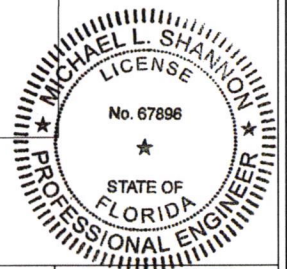
TYPICAL PLAN NOTE:
 THESE STANDARD PLANS & DETAILS INDICATE TYPICAL BUILDING CODE REQUIREMENTS FOR FLORIDA PRIVATE SWIMMING POOLS. POOL BUILDER TO PROVIDE SITE SPECIFIC POOL PLAN FOR POOL LAYOUT AND DEPTHS.

- NOTES:**
1. THESE PLANS ARE APPLICABLE TO RESIDENTIAL SWIMMING POOLS OF LESS THAN 108,000 GALLONS AND 148 G.P.M. PUMP RATE.
 2. APPLICABLE CODES: 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 SUCTION OUTLET FITTING ASSEMBLIES (DRAIN COVERS, FRAMES AND FASTENERS) ARE TO COMPLY WITH ANSI/APSP/ICC-16 (2017) AND ARE TO BE INSTALLED PER THE MANUFACTURER'S INSTRUCTIONS.
 5. ALL SUCTION OUTLET FITTING ASSEMBLIES MUST INCLUDE THE MANUFACTURER'S SUMP OR FIELD-BUILT SUMP WITH INTERIOR DIMENSIONS PER THE MANUFACTURER'S INSTRUCTIONS.
 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, CLAYEY, 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 ANS/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 1/2 THAT OF THE MAXIMUM PUMP SPEED.
 11. ANY POOL LIGHTING, ALL ELECTRICAL WORK, INSTALLATION, GROUNDING 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.F.P.A. 70. (2017 EDITION) ARTICLE 680.
 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-Z21.58.
 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 BASED ON THE CONTRACTOR'S OR ENGINEER'S ANSI / APSP / ICC COMPLIANCE CALCULATIONS WITH MINIMUM PIPE SIZES PER BELOW :

PIPE SIZE CHART: (ANSI-5 & F.B.C. ALLOWABLE VELOCITIES)

PUMP RATE (GPM)	RETURN LINES (10'/SEC.)	SUCTION LINES (8'/SEC.)
0 - 51	1 1/2"	1 1/2"
52 - 63	1 1/2"	2"
64 - 84	2"	2"
85 - 104	2"	2 1/2"
105 - 119	2 1/2"	2 1/2"
120 - 148	2 1/2"	3"

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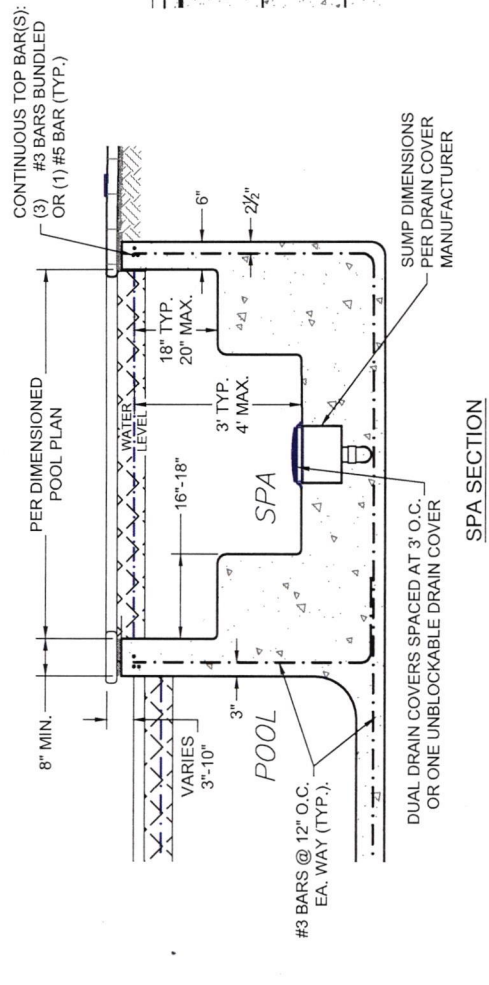


This item has been digitally signed and sealed by Michael L. Shannon, P.E. on the date adjacent to the seal. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

STANDARD DETAILS
TYPICAL FLORIDA PRIVATE SWIMMING POOL
 Prepared For: FAMILY POOLS
 (941) 345-6672 (CPC 1457329)

CREST ENGINEERING
 of Sarasota, LLC
 3402 Magic Oak Lane, Sarasota, Florida 34232
 Phone: (941) 377-8811
 Email: info@crestfl.com
 Florida Engineering Firm No. 28100

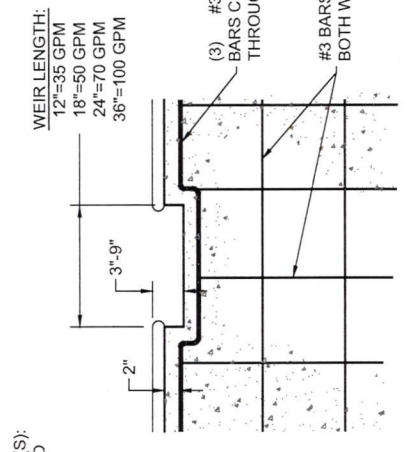
Date	5-24-2023
Project No.	S0700
Michael L. Shannon	Digitally signed by Michael L. Shannon Date: 2023.05.24 13:17:51 -0400
Michael L. Shannon, P.E.	Fla. License # 67896
Sheet:	SP-1 of 2



SPA SECTION
(N.T.S.)

OPTIONAL SPA DETAILS
(N.T.S.)

WEIR WALL ELEVATION

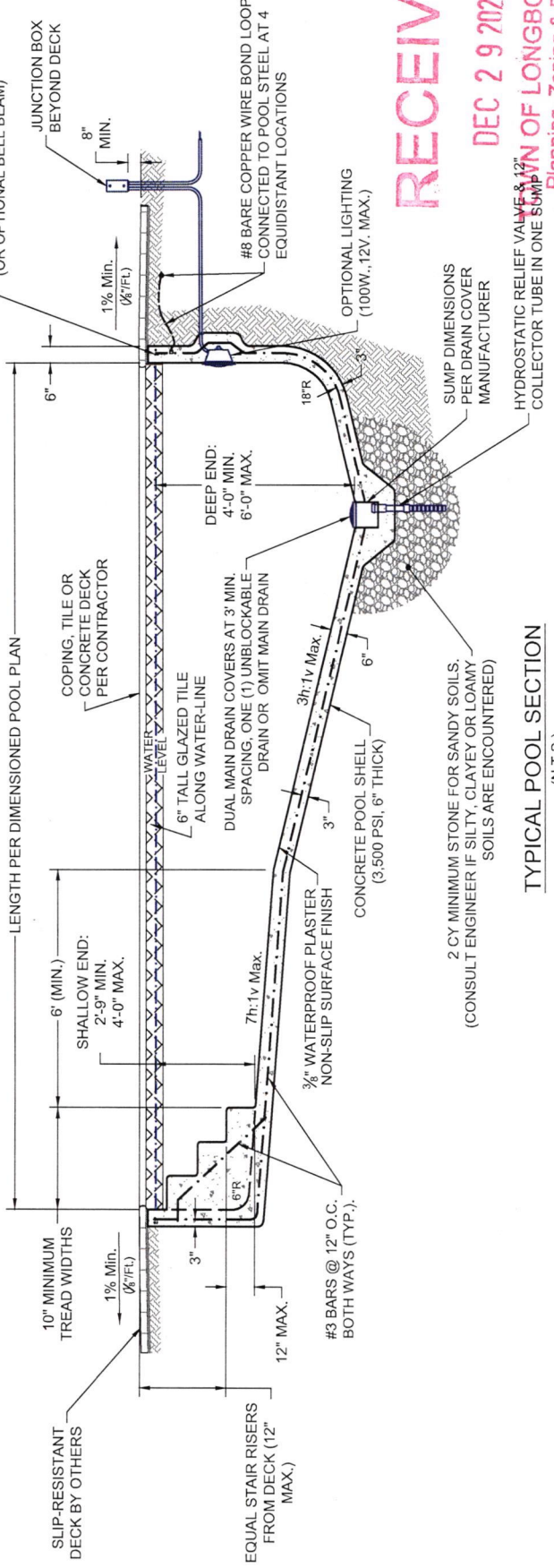


SPA NOTES:

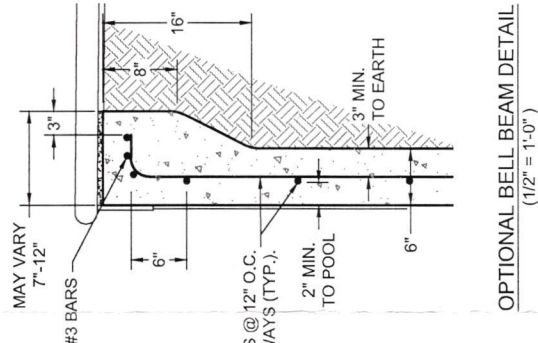
- SPA CONSTRUCTION SHALL CONTAIN NO PROTRUSIONS, EXTENSIONS, MEANS OF ENTANGLEMENT OR OTHER OBSTRUCTION WHICH CAN CAUSE ENTRAPMENT OR INJURY OF USER.
- MAXIMUM WATER DEPTH SHALL BE 4'-0" BELOW WATER LEVEL.
- MAXIMUM SEAT DEPTH SHALL BE 28" BELOW WATER LEVEL.
- STEPS TO HAVE UNIFORM RISER HEIGHTS, 10" MIN., TREAD AND HAVE 240 SQ. IN. SURFACE AREA.
- MAXIMUM FLOOR SLOPE SHALL BE 1V: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.

POOL (& SPA) 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.
- DESIGN CRITERIA: DESIGN BASED ON ALLOWABLE STRESS CRITERIA OF THE FLORIDA BUILDING CODE, 7TH EDITION (2020) WITH THE FOLLOWING LOADS AND ALLOWABLE STRESSES:
 LATERAL SOIL LOAD: 60 psf/ft per ft. depth
 LIVE LOAD: 40 psf
 SOIL BEARING REQUIRED: 1,500 psf
 CONCRETE COMP. STRESS: 1,575 psi (0.45F_c)
 REINFORCING STEEL STRESS: 20,000 psi (Grd. 40)



TYPICAL POOL SECTION
(N.T.S.)



OPTIONAL BELL BEAM DETAIL
(1/2" = 1'-0")

BLDG PERMIT PLANS
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DEC 29 2023

BY: [Signature] OF LONGBOAT KEY
Planning, Zoning & Building

STANDARD POOL SECTION (6' MAX. DEPTH)
FLORIDA PRIVATE SWIMMING POOL

Prepared For: FAMILY POOLS
(941) 345-6672 (CPC 1457329)

CREST ENGINEERING
of Sarasota, LLC

3402 Magic Oak Lane, Sarasota, Florida 34232
Phone: (941) 377-8811
Email: info@crestfl.com
Florida Engineering Firm No. 28100

Date 5-24-2023
Project No. S0700

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

Sheet: SP-2 of 2

TYPICAL PLAN NOTE:
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