

**6010 Cortez Rd. WEST
 Bradenton, FL 34210
 941-932-1414
 CPC-1458020**



Designed by Josh M.. Johnson

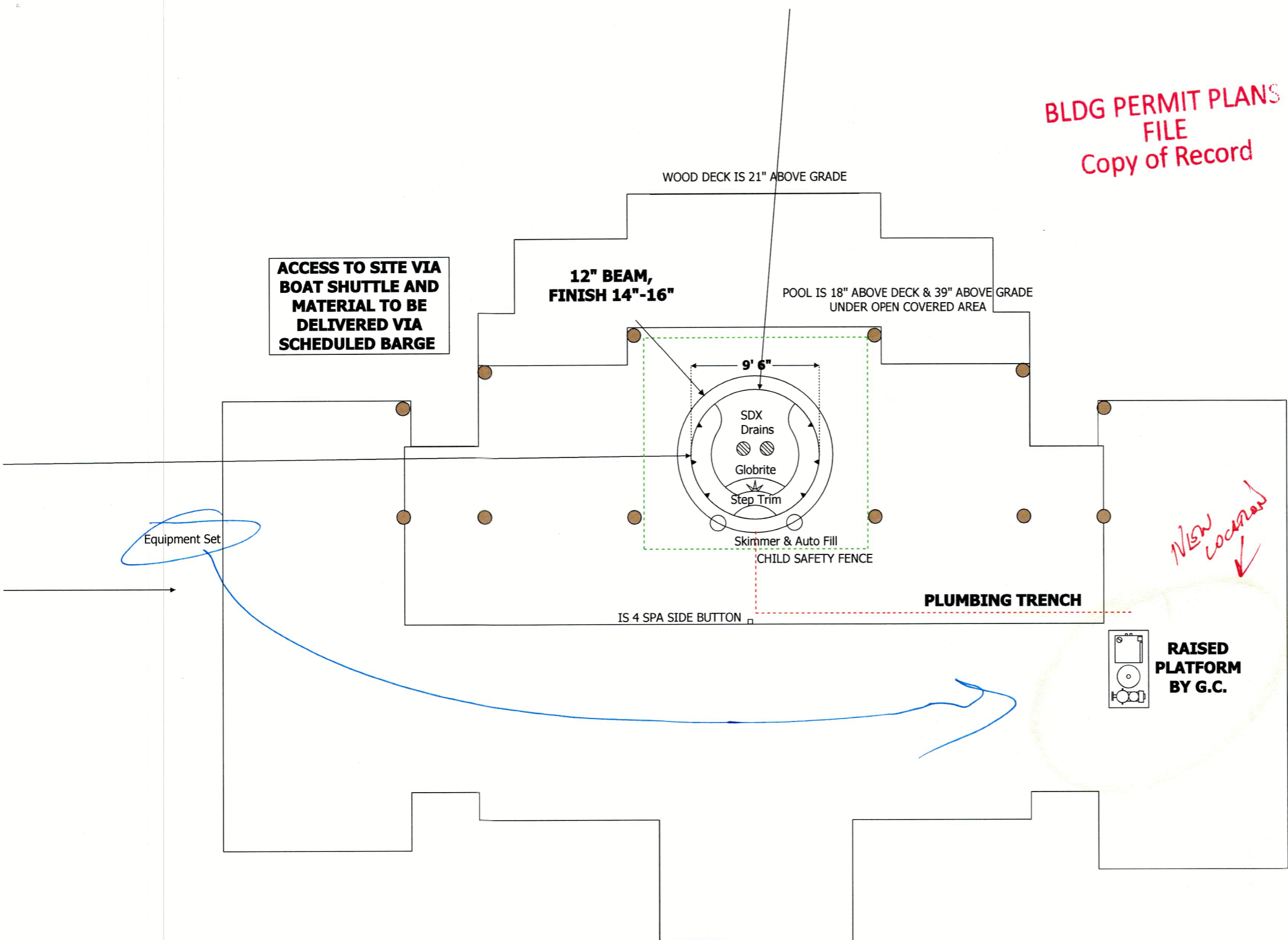
**BLDG PERMIT PLANS
 FILE
 Copy of Record**

NAME: Bedi Residence Ross Built 1/30/2024
 ADDRESS: 7149 La Lenaire Dr.
 CITY: Longboat Key, Jew Fish Key STATE: FL
 PHONE: _____ ZIP: 34228
 EMAIL: _____
 CELL: _____

SPOOL SPECS
 SIZE: 9'6" X 9'6" SQFT: 72
 DEPTH: 3'6" - 4' PERIMETER: 30
 RAISED HEIGHT: 18" SPILLWAY: none
 THERAPY JETS: 6 TILE: Glass
 SPECIAL: 1 LED Globrite Color
 NOTES: ABOVE GRADE 39"

DECK
 DECK TYPE: Wood ELEVATION: 21"
 TOTAL DECK SQFT: by others PERIMETER: _____
 RAISED BEAM: _____ LIP STYLE: Travertine Coping
 SPECIAL: _____
 NOTES: _____

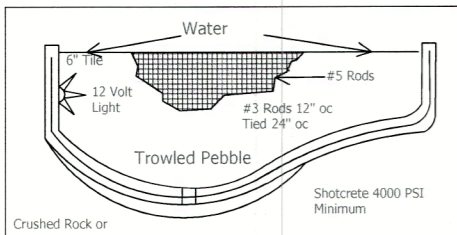
EQUIPMENT
 POOL PUMP: Pentair Intelliflo 2ND PUMP: _____
 FILTRATION: Rainbow FILTER SIZE: CC RP 200
 HEATER: T140 INLINE: Sweep Stub
 TIMER: Easy Touch 4 Controller GAS: No
 SPECIAL: Screen Logic
 NOTES: IS 4 SPA SIDE BUTTON



New Location

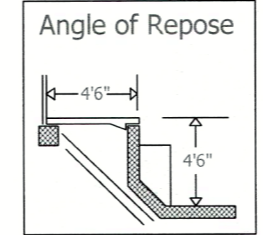
RAISED PLATFORM BY G.C.

Scale: 1/8" = 1 ft



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

CHILD SAFETY ALARMS SHALL BE SYSTEM PREVIOUSLY APPROVED BY THE BLDG. DEPT., INSTALLED AND ACTIVE ON ALL DOORS AND WINDOWS AT TIME OF FINAL INSPECTION PURSUANT TO 424.2.17.1.9F.B.C.

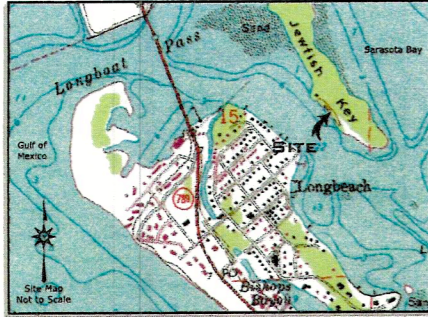


**BLDG PERMIT PLANS
 FILE
 Copy of Record
 RECEIVED
 FEB 22 2024
 TOWN OF LONGBOAT KEY
 Planning, Zoning & Building**

Customer Signature _____ Date _____

BOUNDARY, TOPOGRAPHIC, HYDROGRAPHIC & TIDAL WATER BOUNDARY SURVEY

Section 15, Township 35 South, Range 16 East
7149 La Lenaire Drive, Longboat Key, Florida, 34228



DESCRIPTION: (Official Records Book 1983, Page 4094)
Lots 8 and Lot 9, LA LENAIRE ISLE SUBDIVISION, as per plat thereof recorded in Plat Book 8, Pages 106 and 106A, Public Records of Manatee County, Florida.

REPORT OF SURVEY

Accuracy: Horizontal — The accuracy obtained by measurement and calculation of a closed geometric figure was found to be 1 foot in 19,075 feet.

Vertical — The accuracy obtained by a closed level loop, based on National Geodetic Survey Benchmark # M C B E 22, produced a vertical unadjusted error of 0.01'.

Data Sources:

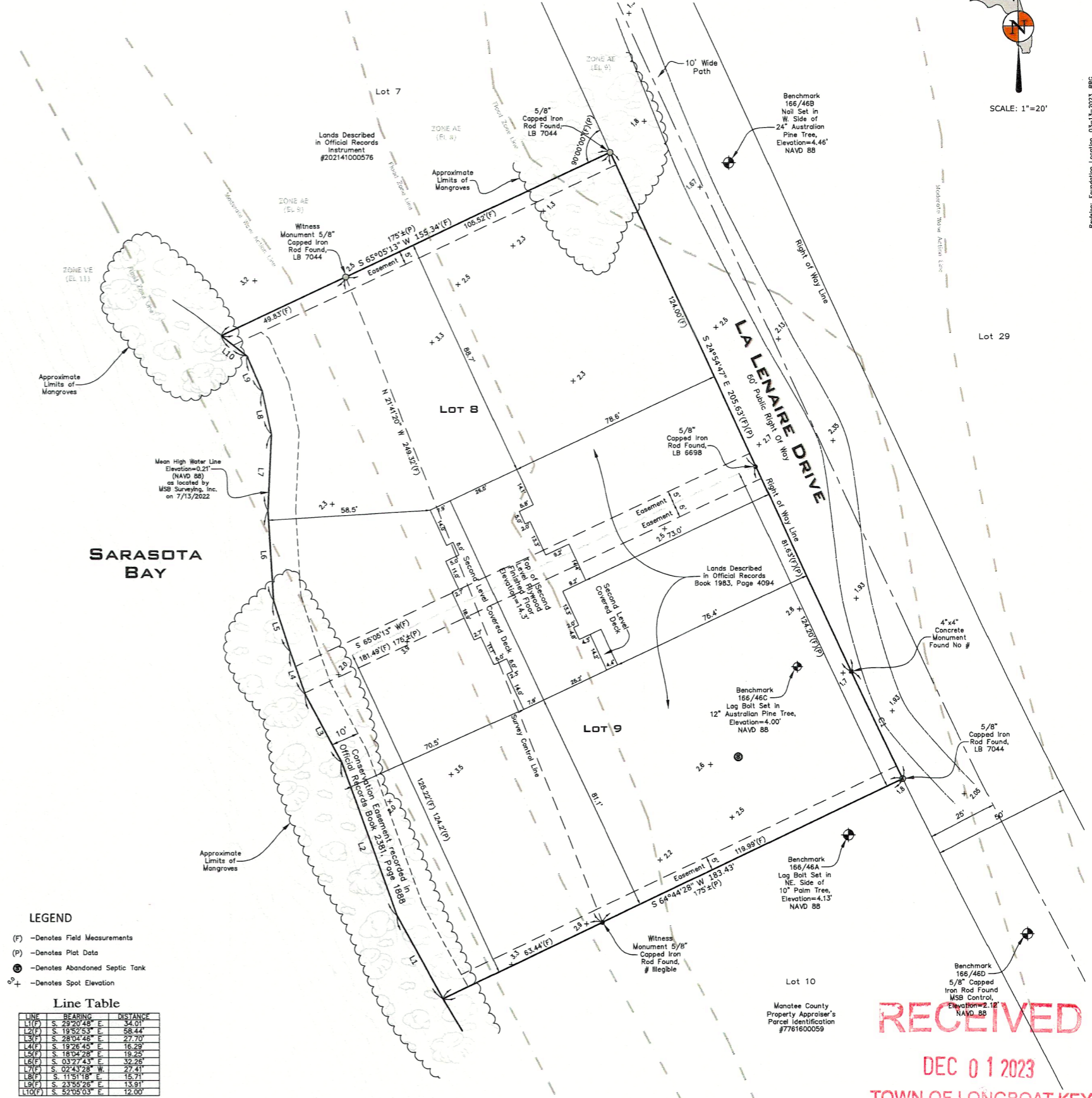
1. Plat of La Lenaire Isle Unit No.1, recorded in Plat Book 8, Pages 106 through 106A, Public Records of Manatee County, Florida.
2. Official Town of Longboat Key, Florida, Bulkhead Line recorded in Plat Book 14, Pages 46-54, Public Records of Manatee County, Florida. Bulkhead Line lies on the East side of La Lenaire Isle, is not adjacent to property and is not shown hereon.
3. Warranty Deed recorded in Deed Book 228, Page 451, is illegible. Matters contained in this instrument are not shown hereon.
4. Warranty Deed recorded in Deed Book 228, Page 453, Public Records of Manatee County, Florida.
5. Deed Number: 19274, Trustees of the Internal Improvement Fund, recorded in Deed Book 241, Page 459, Public Records of Manatee County, Florida.
6. Canal Right of Way Easement recorded in Official Records Book 89, Page 556, lies on the East side of La Lenaire Isle, is not adjacent to property and is not shown hereon.
7. Canal Right of Way Easement recorded in Official Records Book 90, Page 776, is partially illegible in the area of interest. It appears to be the same as Official Records Book 89, Page 556, in this area.
8. Ordinance No. 82, recorded in Official Records Book 574, Page 943, Public Records of Manatee County, Florida.
9. Certificate of Approval for Establishment of Bulkhead Line No. 45 & 58 (2-6-73) recorded in Official Records Book 610, Page 463, Public Records of Manatee County, Florida.
10. Agreement for Temporary Septic Tank Permit recorded in Official Records Book 965, Page 306, Public Records of Manatee County, Florida, applies to Lot 16, La Lenaire Isle Unit No. 1.
11. Declaration of Restrictions of La Lenaire Isle recorded in Official Records Book 1223, Page 3736, Public Records of Manatee County, Florida.
12. First Amendment to Declaration of Restrictions of La Lenaire Isle recorded in Official Records Book 1298, Page 354, Public Records of Manatee County, Florida.
13. Second Amendment to Declaration of Restrictions of La Lenaire Isle recorded in Official Records Book 1298, Page 359, Public Records of Manatee County, Florida.
14. Third Amendment to Declaration of Restrictions of La Lenaire Isle recorded in Official Records Book 1895, Pages 434, 436, 438, 440, 442, 444, 446 & 448, Public Records of Manatee County, Florida.
15. Well Use and Easement Agreement recorded in Official Records Book 1903, Page 39, Public Records of Manatee County, Florida.
16. Dock Extension Agreement recorded in Official Records Book 1903, Page 46, Public Records of Manatee County, Florida.
17. Warranty Deed recorded in Official Records Book 1983, Book 4094, Public Records of Manatee County, Florida.
18. Common Dock Agreement recorded in Official Records Book 2375, Page 5838, Public Records of Manatee County, Florida.
19. Deed of Conservation Easement recorded Official Records Book 2381, Page 1888, Public Records of Manatee County, Florida.
20. Jewish Key East Dock Agreement recorded in Official Records Book 2503, Page 1602, Public Records of Manatee County, Florida.
21. Bylaws of Jewish Key Preservation Association, Inc. recorded in Official Records Book 2651, Page 6768, Public Records of Manatee County, Florida.
22. Fourth Amendment to Declaration of Restrictions of La Lenaire Isle recorded in Official Records Book 2670, Page 2777, Public Records of Manatee County, Florida.
23. Warranty Deed recorded in Official Records Instrument #202141000576, Public Records of Manatee County, Florida.
24. Tidal and Bench Mark data were researched from the Land Boundary Information System internet web site (www.labin.org).
25. 2017 geo-rectified aerial imagery furnished by Sarasota/Manatee County.
26. Manatee County Half Section Map, Sheet Number 5A/15.1 & 5A/15.4.
27. Manatee County Property Appraiser's web site "www.manateepao.com".
28. Internal Improvement Fund State of Florida recorded in Document 130707, Deed No. 16115, Public Records of Manatee County, Florida.
29. West Coast Inland Navigation District, Intracoastal Waterway Canal Record Map, Dated: February 17, 1969.
30. A Boundary Survey by Banks Engineering, Inc., Job No. 7118-001, Dated: 02-05-2004.
31. No other information was researched or furnished.

Apparent Physical Use:
Residential

- Easements:
1. Declaration of Restrictions of La Lenaire Isle, recorded in Official Records Book 1223, Page 3736, Public Records of Manatee County, Florida.
 2. Well Use and Easement Agreement recorded in Official Records Book 1903, Page 39, Public Records of Manatee County, Florida. Well is located on Lot 11.
 3. Conservation Easement per Official Records Book 2381, Page 1888.
 4. No other easements were researched or furnished.

Notes:

1. This map represents a Boundary, Topographic & Tidal Water Boundary Survey. Limited spot elevations in the area of interest per the client's specifications.
2. Bearings shown hereon refer to an assumed meridian. The Westerly Right of Way Line of La Lenaire Drive, being S 24°54'47" E.
3. Elevations shown hereon are in feet and decimals referenced to NAVD 88 and are based on National Geodetic Survey Bench Mark # M C B E 22, published elevation is 14.25'.
4. There may exist other underground fixed interior improvements that are not visible and are not a part of this survey.
5. Description shown hereon was obtained from Official Records Book 1983, Page 4094.
6. Subject to easements and rights of way of record, if any.
7. This map has been prepared with the benefit of an American Land Title Association Commitment by Chicago Title Insurance Company, Commitment Date: 04/30/2021 at: 5:00 PM, Order Number: 9441993.
8. Parcel shown hereon is situated in Flood Zone "AE", base flood elevation is 8 feet, Flood Zone "AE", base flood elevation is 9 feet and Flood Zone "VE", base flood elevation is 11 feet, per Flood Insurance Rate Map Number 12081C0283F, Map and Index Map Revised Date August 10, 2021. Coastal Barrier Resources System (CBRS) Areas established 10-1-1983 are no longer shown on this map yet is depicted on the FEMA Flood Map Service Center online. Flood zones are scaled from said map and are subject to interpretation.
9. Tidal Data 1983-2001 Epoch (PIN 395):
Mean High Water Elevation = 0.21 feet (NAVD 88) extended to site.
Conventional radial surveying methods were used to establish the horizontal position of the mean high water line.
10. The mean high water line depicted hereon complies with Chapter 177, Part II, Florida Statutes and is recorded in the public repository of the Florida Department of Environmental Protection, Bureau of Surveying and Mapping as Mean High Water Line Survey File Number 8675.



LEGEND

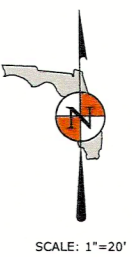
- (F) — Denotes Field Measurements
- (P) — Denotes Plat Data
- ⊙ — Denotes Abandoned Septic Tank
- ⊕ — Denotes Spot Elevation

Line Table

LINE	BEARING	DISTANCE
L1(F)	S. 29°20'48" E	34.01
L2(F)	S. 19°52'53" E	58.44
L3(F)	S. 28°04'48" E	27.70
L4(F)	S. 19°26'45" E	16.29
L5(F)	S. 18°04'28" E	19.25
L6(F)	S. 03°27'43" E	32.26
L7(F)	S. 02°43'28" W	22.41
L8(F)	S. 11°51'18" E	15.71
L9(F)	S. 23°55'26" E	13.91
L10(F)	S. 52°05'03" E	12.00

Curve Table

CURVE	RADIUS	DELTA ANGLE	CHORD BEARING	CHORD LENGTH	ARC LENGTH
C1(F)(P)	2025.00'	11°12'16"	S. 25°30'58" E	42.57'	42.57'



Revision: Foundation Location, 03-13-2023, RRC
Revision: Foundation Location, 03-13-2023, RRC
Revision: Foundation Location, 03-13-2023, RRC
Revision: Foundation Location, 03-13-2023, RRC
Revision: Foundation Location, 03-13-2023, RRC



536 INTERSTATE COURT
SARASOTA, FLORIDA 34240
PHONE NO.: (941) 341-9935
CERTIFICATE OF AUTHORIZATION NO. LB. 7044
ISSUED BY: RRC

Digitally signed by Martin S
Date: 2023.03.16 15:42:41
+0100
MARTIN S
REGISTERED SURVEYOR & MAPPER, F.L.A. CERT. NO. LS 5538
1000 W. ALA. AVE. SUITE 100, TALLAHASSEE, FLORIDA 32310
OR TELEPHONE: 904.741.1111

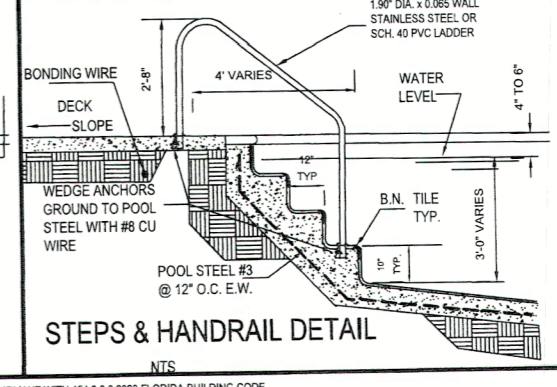
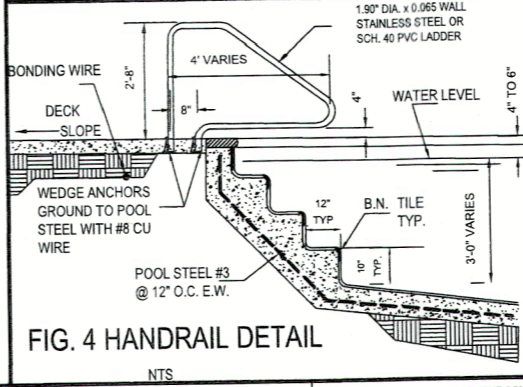
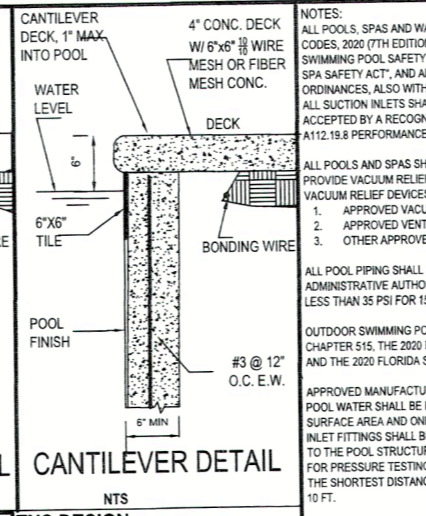
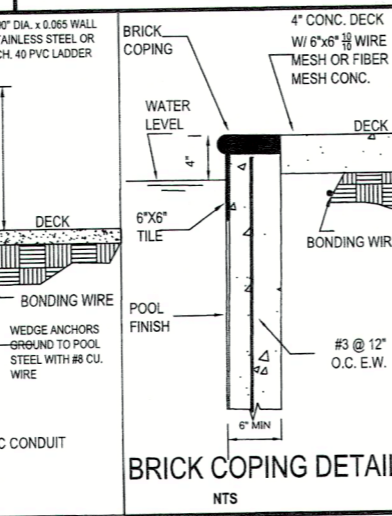
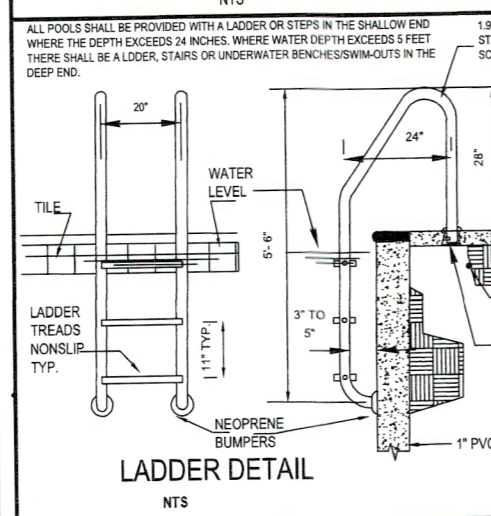
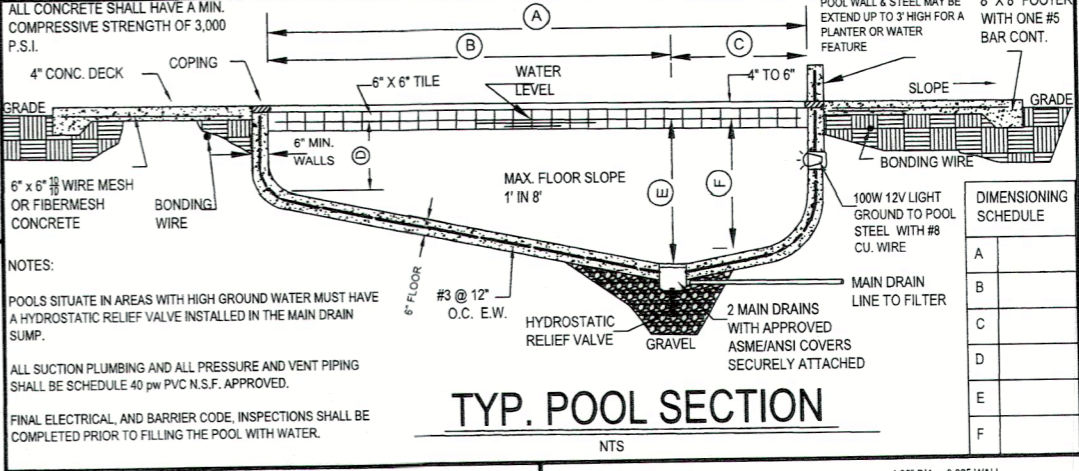
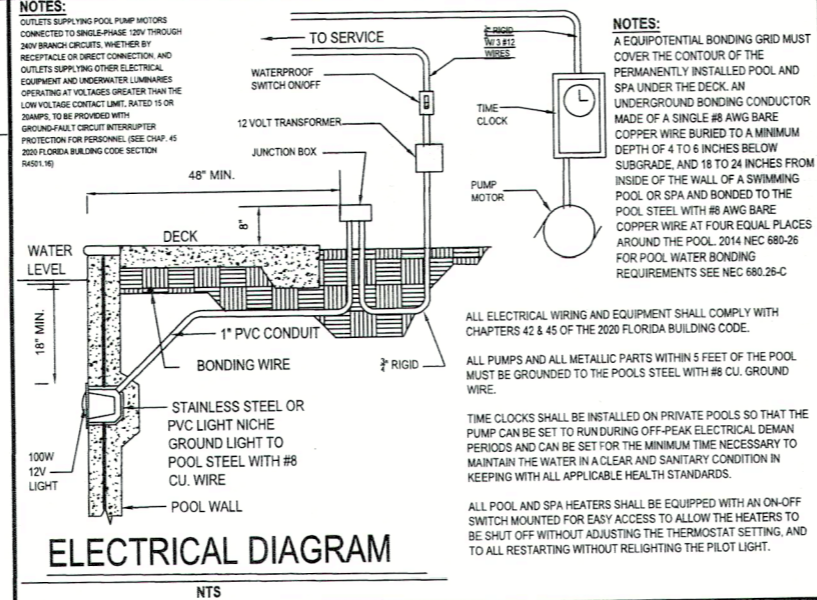
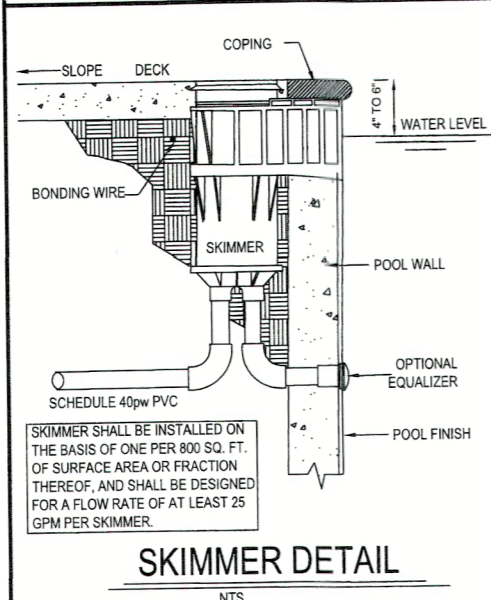
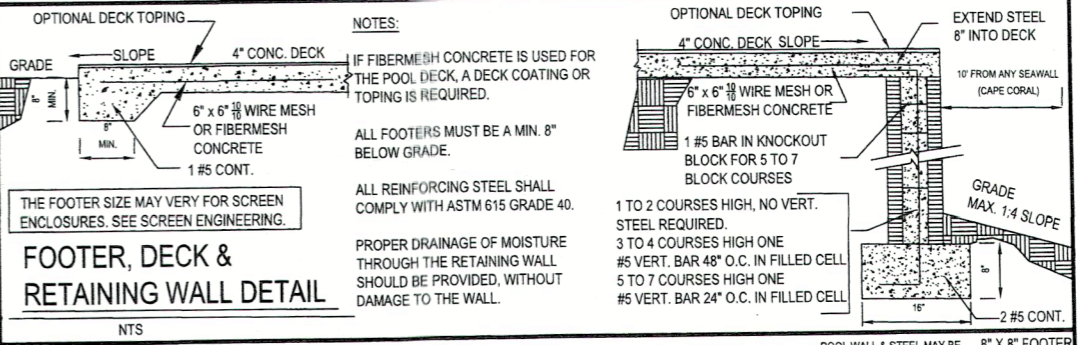
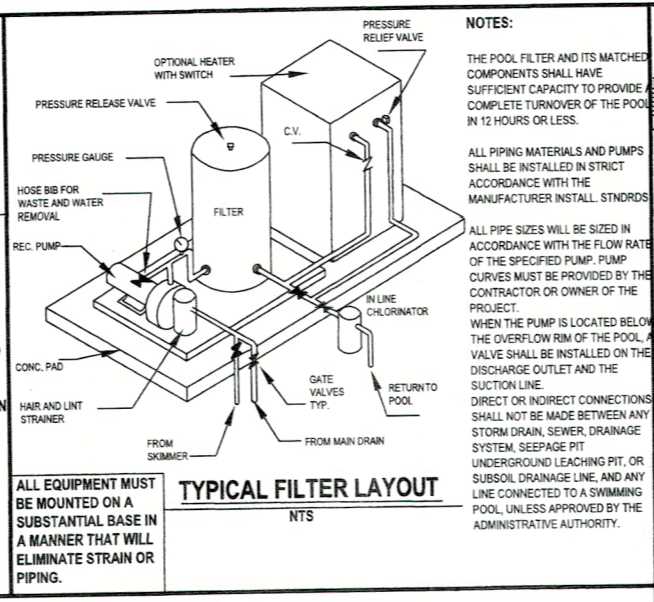
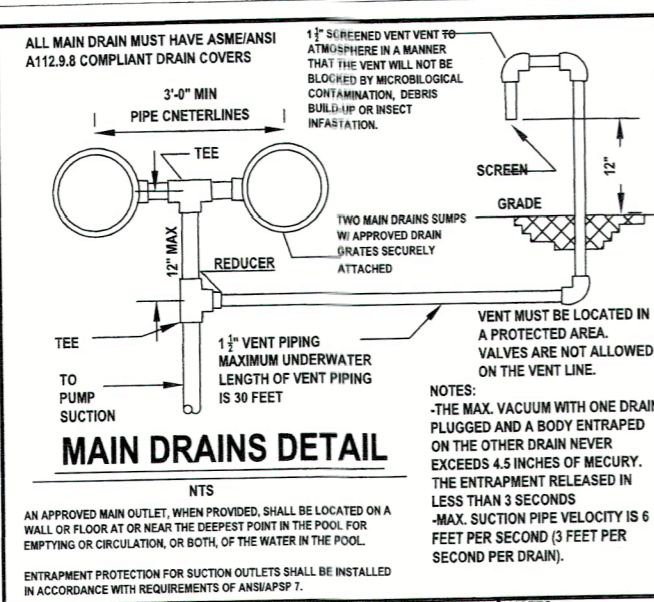
CERTIFIED TO: Total Consciousness, LLC
Ross Built Construction Co.
DATE OF SURVEY: 07/13/2022 FIELD BOOK/PAGE: 166/45,46

RECEIVED

DEC 01 2023

TOWN OF LONGBOAT KEY
BLDG PERMIT PLANS
Planning, Zoning & Building
FILE
Copy of Record

080207B
JOB NUMBER



THE ENGINEER SHALL NOT BE HELD LIABLE FOR 1.) FAULTY MATERIALS AND CONSTRUCTION. 2.) INADEQUATE OR IMPROPER SUPERVISION OF CONSTRUCTION. 3.) IMPROPER POOL MAINTENANCE AFTER CONSTRUCTION. 4.) HYDROSTATIC UPLIFT OF THE POOL.

THESE PLANS ARE FOR RESIDENTIAL POOLS ONLY AND THEY MAY NOT BE USED FOR ANY COMMERCIAL POOL OR COMMERCIAL EXEMPT POOL. THESE PLANS ARE FOR THE EXPLICIT USE FOR THE BUILDER NAMED. NO OTHER BUILDER MAY USE THESE PLANS WITHOUT THE WRITTEN CONSENT FROM THE BUILDER AND TNS DESIGN & CONSULTING, LLC.

TNS DESIGN & CONSULTING, LLC

1532 US HWY 41 BYP S #204
VENICE, FL 34293
PHONE 941.586.0142
TARA@TNSDESIGNANDCONSULTING.COM
TARA N. SALL,
FLORIDA PE LICENSE NO. 90481

TNS
Design & Consulting
BEYOND THE EXPECTED

DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF ANS/APSP "STANDARD FOR RESIDENTIAL SWIMMING POOLS" PUBLISHED BY THE NATIONAL SPA & POOL INSTITUTE (NSPI) OR OTHER ACCEPTED ENGINEERING PRACTICES.

ALL MATERIALS, PIPING, VALVES, EQUIPMENT OR APPLIANCES ENTINERING INTO THE CONSTRUCTION OF SWIMMING POOLS OR PORTIONS THEREOF SHALL BE A TYPE THAT COMPLIES WITH BUILDING CODE OR OF A TYPE RECOMMENDED AND APPROVED BY A NATIONALLY RECOGNIZED TESTING AGENCY OR CONFORMS TO OTHER RECOGNIZED STANDARDS ACCEPTABLE TO THE ADMINISTRATIVE AUTHORITY.

ATMOSPHERIC VENT ARRANGEMENT COMPLIANT WITH 454.2.6.6 2020 FLORIDA BUILDING CODE PER NEC 680.22-8 POOL PUMP MOTORS MUST BE GFCI PROTECTED FOR POOL WATER BONDING REQUIREMENTS SEE NEC 680.26-C

THIS RESIDENTIAL POOL MASTER STRUCTURAL DESIGN IS ALLOWED IN ALL ZONES EXCEPT "X" ZONES, AND FOR A MAX WATER DEPTH OF 8'-0" AND FLOOR LOCATIONS UP TO 12'-4" FROM THE NEAREST WALL OF WIDE MAX CONSULT. THE ENGINEER FOR THE DESIGNS THAT EXCEED EITHER OF THESE DIMENSIONS. PLEASE REFER TO 2020 FLORIDA BUILDING CODE RESIDENTIAL CHAPTERS 42 & 45 AND TO 2020 FLORIDA BUILDING CODE CONSERVATION SECTIONS 403.9.1 THROUGH 403.9.3 (SEE BELOW):

403.9.3 COVERS HEATED SWIMMING POOLS AND IN-GROUND PERMANENTLY INSTALLED SPAS SHALL BE EQUIPPED WITH A VAPOR-RETARDANT COVER ON OR AT THE WATER SURFACE OR A LIQUID COVER OR OTHER MEANS PROVEN TO REDUCE HEAT LOSS. EXCEPTION: OUTDOOR POOLS DERIVING OVER 70% OF THE ENERGY FOR HEATING FROM SITE-COVERED ENERGY OR SOLAR ENERGY SOURCE COMPUTED OVER AN OPERATING SEASON.

POOL FILTRATION PUMP MOTORS SHALL MEET THE FOLLOWING REQUIREMENTS:

1. POOL PUMP MOTORS SHALL NOT BE SPLIT-PHASE, SHADED POLE, OR CAPACITOR START INDUCTION TYPES.
2. POOL PUMPS AND MOTORS WITH A TOTAL HORSEPOWER GREATER THAN OR EQUAL TO 1 HP SHALL HAVE THE CAPABILITY OF OPERATING AT TWO OR MORE SPEEDS. THE LOW SPEED SHALL HAVE A ROTATION RATE OF NO MORE THAN 1/2 OF THE MOTOR'S MAXIMUM ROTATION RATE.

THE LOW SPEED SHALL HAVE A ROTATION RATE OF NO MORE THAN 1/2 OF THE MOTOR'S MAXIMUM ROTATION RATE.

THE POOL PUMP CONTROLS SHALL HAVE THE CAPABILITY OF OPERATING THE POOL PUMP AT A MINIMUM OF TWO SPEEDS. THE DEFAULT CIRCULATION SPEED SHALL BE THE RESIDENTIAL FILTRATION SPEED WITH A HIGH SPEED OVERRIDE CAPABILITY FOR A TEMPORARY PERIOD NOT TO EXCEED ONE NORMAL CYCLE OR 24 HOURS, WHICHEVER IS LESS. EXCEPTION: SOLAR POOL HEATING SYSTEMS SHALL BE PERMITTED TO RUN AT HIGHER SPEEDS DURING PERIODS OF USABLE SOLAR HEAT GAIN.

	MAXIMUM RATE THROUGH FILTERS	MAXIMUM WATER FLOWS IN PVC PIPE	
		PIPE SIZE	SUCTION @ 8 FPS
RAPID SAND	5 GPM PER SF	1 1/2"	63.3 GPM
DE	2 GPM PER SF	2"	104 GPM
CARTRIDGE	1 GPM PER SF	2 1/2"	149 GPM
		3"	227 GPM
		4"	396 GPM

THESE PLANS PREPARED UNDER THE DIRECTION OF TARA N. SALL, PE
TNS DESIGN & CONSULTING, LLC.
1532 US HWY 41 BYP S, #204
VENICE, FLORIDA 34293
FL LICENSE # 90481

CONTRACTOR
TOM SANGER POOL & SPA, FL LIC. CPC-1458020
6010 CORTEZ ROAD WEST
BRADENTON, FL 34210

MUNICIPALITY
TOWN OF LONGBOAT KEY

THESE PLANS MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM TNS DESIGN & CONSULTING

DRAWING NAME:
RESIDENTIAL POOL MASTER

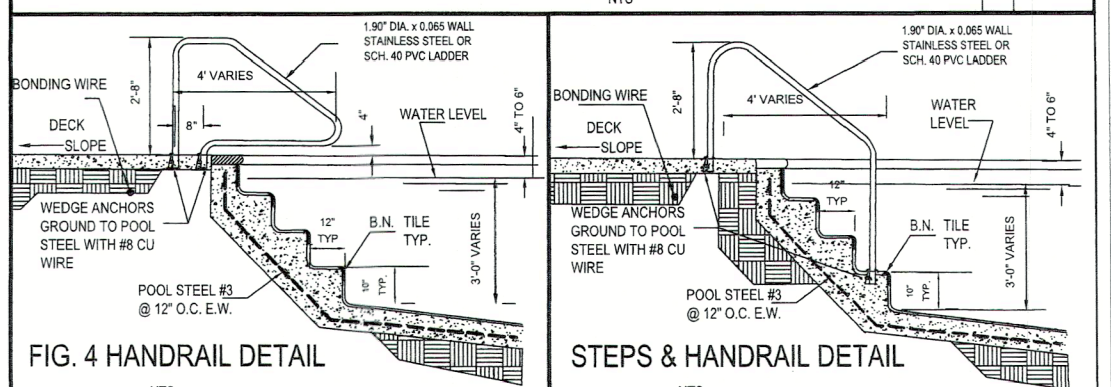
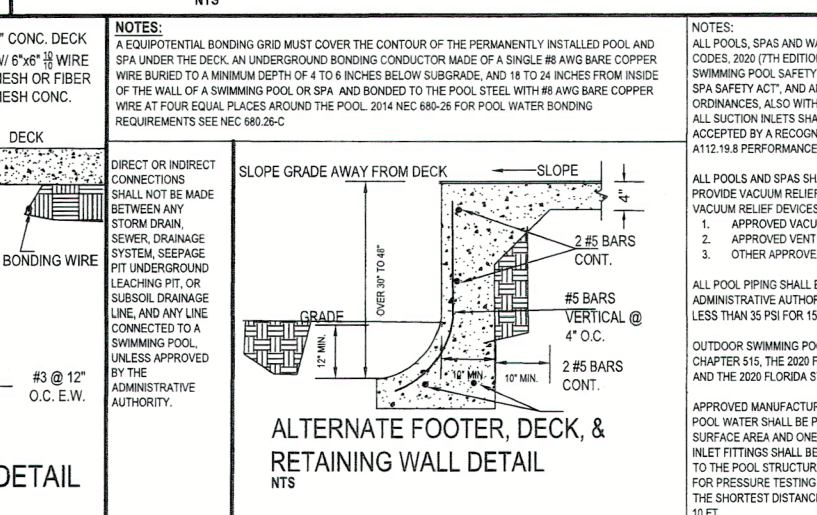
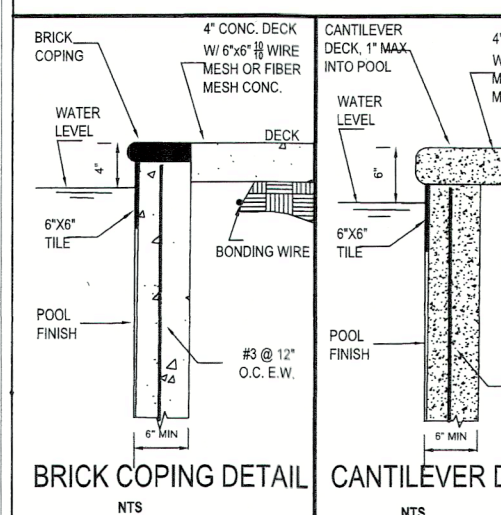
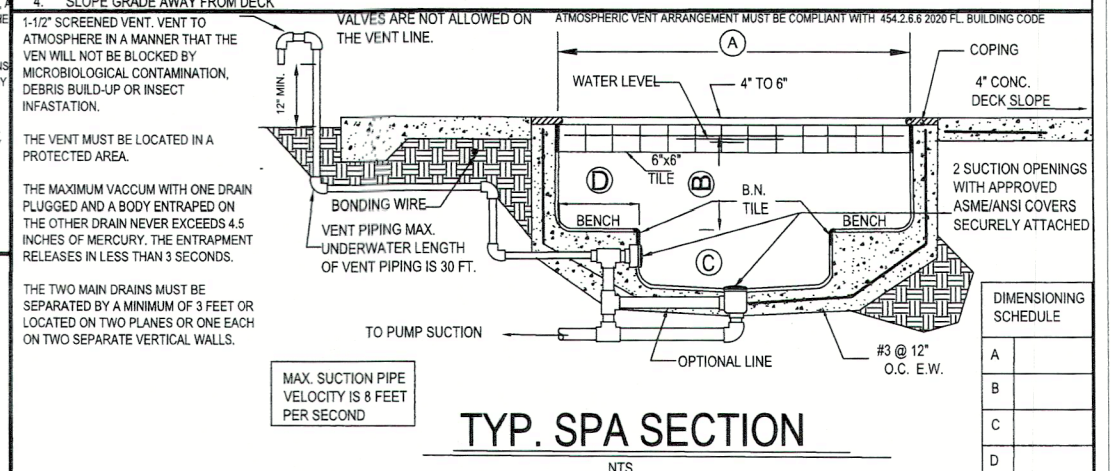
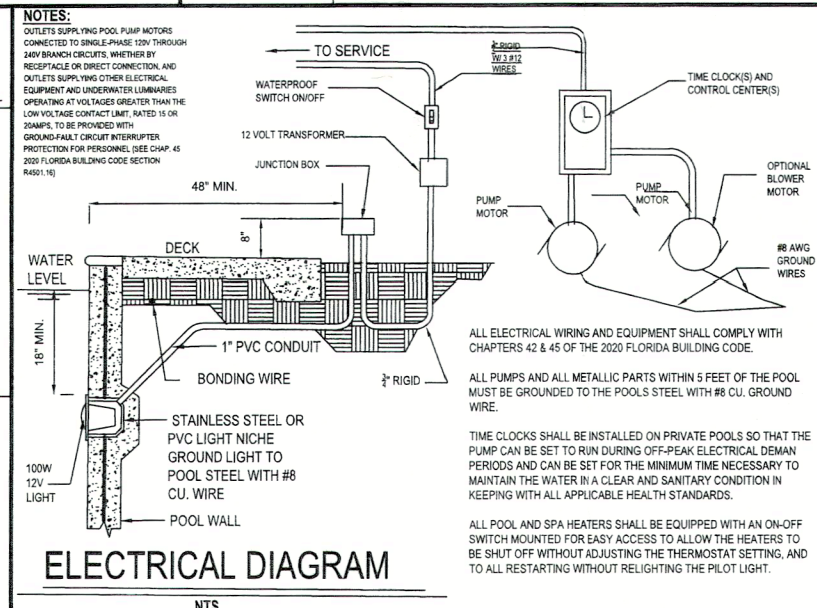
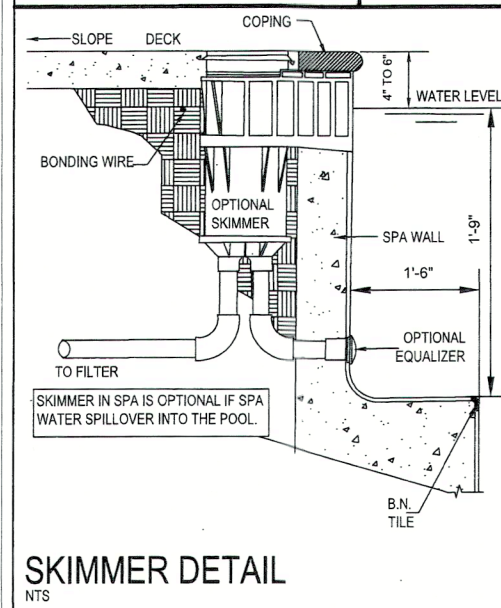
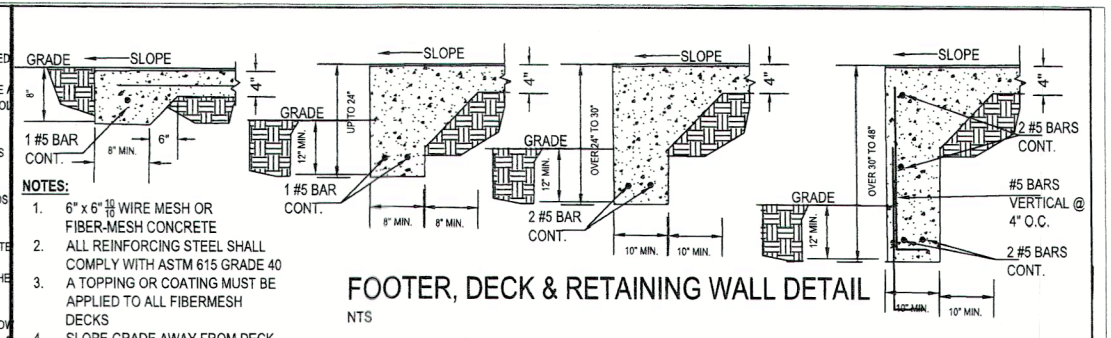
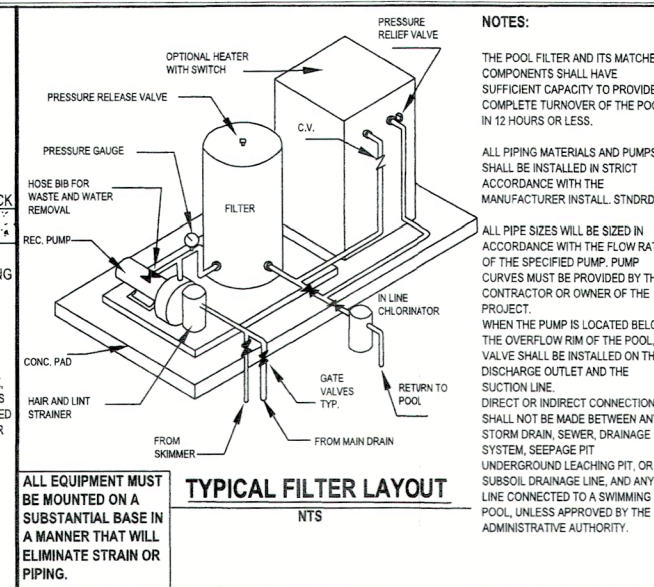
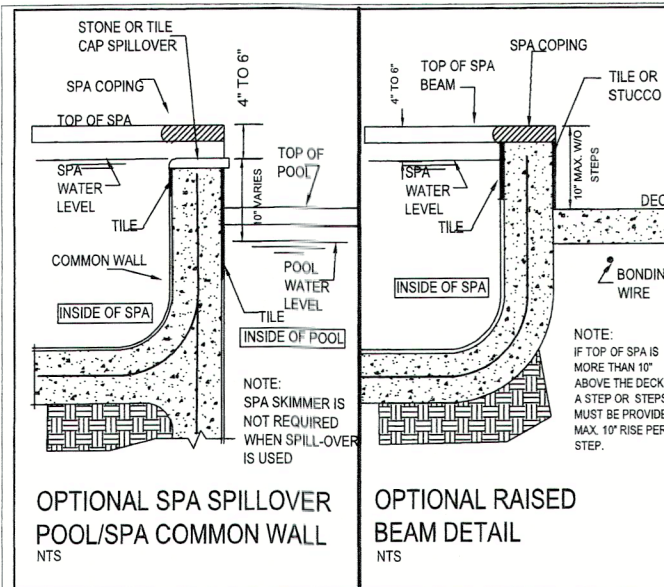
SCALE: NTS
DRAWN BY: TNS
CHECKED BY: TNS
DATE: 3.1.2023

FILE NAME:
MASTERRP2022

SEAL

SHEET 1 OF 1

RECEIVED
 DEC 01 2023
 TOWN OF LONGBOAT KEY
 Planning, Zoning & Building
 BLDG PERMIT PLAN FILE
 Copy of Record



THE ENGINEER SHALL NOT BE HELD LIABLE FOR 1.) FAULTY MATERIALS AND CONSTRUCTION. 2.) INADEQUATE OR IMPROPER SUPERVISION OF CONSTRUCTION. 3.) IMPROPER POOL MAINTENANCE AFTER CONSTRUCTION. 4.) HYDROSTATIC UPLIFT OF THE POOL.

THESE PLANS ARE FOR RESIDENTIAL POOLS ONLY AND THEY MAY NOT BE USED FOR ANY COMMERCIAL POOL OR COMMERCIAL EXEMPT POOL. THESE PLANS ARE FOR THE EXPLICIT USE FOR THE BUILDER NAMED. NO OTHER BUILDER MAY USE THESE PLANS WITHOUT THE WRITTEN CONSENT FROM THE BUILDER AND TNS DESIGN & CONSULTING, LLC.

TNS
Design & Consulting
BEYOND THE EXPECTED

TNS DESIGN & CONSULTING, LLC
1532 US HWY 41 BYP S #204
VENICE, FL 34293
PHONE 941.586.0142
TARA@TNSDESIGNANDCONSULTING.COM
TARA N. SALL,
FLORIDA PE LICENSE NO. 90481

DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMANCE WITH THE REQUIREMENTS OF ANSINSPI "STANDARD FOR RESIDENTIAL SWIMMING POOLS" PUBLISHED BY THE NATIONAL SPA & POOL INSTITUTE (NSPI) OR OTHER ACCEPTED ENGINEERING PRACTICES.

ALL MATERIALS, PIPING, VALVES, EQUIPMENT OR APPLIANCES ENTERING INTO THE CONSTRUCTION OF SWIMMING POOLS OR PORTIONS THEREOF SHALL BE A TYPE THAT COMPLIES WITH BUILDING CODE OR OF A TYPE RECOMMENDED AND APPROVED BY A NATIONALLY RECOGNIZED TESTING AGENCY OR CONFORMS TO OTHER RECOGNIZED STANDARDS ACCEPTABLE TO THE ADMINISTRATIVE AUTHORITY.

ATMOSPHERIC VENT ARRANGEMENT COMPLIANT WITH 454.2.6.6 2020 FLORIDA BUILDING CODE PER NEC 680.22-8 POOL PUMP MOTORS MUST BE GFCI PROTECTED FOR POOL WATER BONDING REQUIREMENTS SEE NEC 680.26-C

THIS RESIDENTIAL POOL MASTER STRUCTURAL DESIGN IS ALLOWED IN ALL ZONES EXCEPT "V" ZONES. AND FOR A MAX WATER DEPTH OF 6'-0" AND FLOOR LOCATIONS UP TO 12'-4" FROM THE NEAREST WALL (25 WIDE MAX). CONSULT THE ENGINEER FOR THE DESIGNS THAT EXCEED EITHER OF THESE DIMENSIONS. PLEASE REFER TO 2020 FLORIDA BUILDING CODE RESIDENTIAL CHAPTERS 42 & 45 AND TO 2020 FLORIDA BUILDING CODE CONSERVATION SECTIONS 403.9.1 THROUGH 403.9.3 (SEE BELOW):

403.9.3 COVERS HEATED SWIMMING POOLS AND IN-GROUND PERMANENTLY INSTALLED SPAS SHALL BE EQUIPPED WITH A VAPOR-RETARDANT COVER ON OR AT THE WATER SURFACE OR A LIQUID COVER OR OTHER MEANS PROVEN TO REDUCE HEAT LOSS. EXCEPTION: OUTDOOR POOLS DERIVING OVER 70% OF THE ENERGY FOR HEATING FROM SITE-COVERED ENERGY OR SOLAR ENERGY SOURCE COMPUTED OVER AN OPERATING SEASON.

POOL FILTRATION PUMP MOTORS SHALL MEET THE FOLLOWING REQUIREMENTS:

- POOL PUMP MOTORS SHALL NOT BE SPLIT-PHASE, SHADED-POLE, OR CAPACITOR START INDUCTION TYPES.
- POOL PUMPS AND MOTORS WITH A TOTAL HORSEPOWER GREATER THAN OR EQUAL TO 1 HP SHALL HAVE THE CAPABILITY OF OPERATING AT TWO OR MORE SPEEDS. THE LOW SPEED SHALL HAVE A ROTATION RATE OF NO MORE THAN 1/2 OF THE MOTOR'S MAXIMUM ROTATION RATE.

POOL PUMP CONTROLS SHALL HAVE THE CAPABILITY OF OPERATING THE POOL PUMP AT A MINIMUM OF TWO SPEEDS. THE DEFAULT CIRCULATION SPEED SHALL BE THE RESIDENTIAL FILTRATION SPEED WITH A HIGH SPEED OVERDRIVE CAPABILITY FOR A TEMPORARY PERIOD NOT TO EXCEED ONE NORMAL CYCLE OR 24 HOURS, WHICHEVER IS LESS. EXCEPTION: SOLAR POOL HEATING SYSTEMS SHALL BE PERMITTED TO RUN AT HIGHER SPEEDS DURING PERIODS OF USABLE SOLAR HEAT GAIN.

MAXIMUM RATE THROUGH FILTERS	MAXIMUM WATER FLOWS IN PVC PIPE	
	PIPE SIZE	PRESSURE @ 10 FPS
RAPID SAND	5 GPM PER SF	50.6 GPM
DE	2 GPM PER SF	83.3 GPM
CARTRIDGE	1 GPM PER SF	104 GPM
	1 1/2"	149 GPM
	2"	227 GPM
	3"	396 GPM
	4"	506 GPM

CONTRACTOR
TOM SANGER POOL & SPA, FL LIC. CPC-1458020
6010 CORTEZ ROAD WEST
BRADENTON, FL 34210

MUNICIPALITY
TOWN OF
LONGBOAT KEY

THESE PLANS MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM TNS DESIGN & CONSULTING

DRAWING NAME:
RESIDENTIAL SPA MASTER

SCALE: NTS
DRAWN BY: TNS
CHECKED BY: TNS
DATE: 3.1.2023

DRAWING NAME:
MASTERRspa2021-01

SEAL

CONTRACTOR
TOM SANGER POOL & SPA, FL LIC. CPC-1458020
6010 CORTEZ ROAD WEST
BRADENTON, FL 34210

MUNICIPALITY
TOWN OF
LONGBOAT KEY

THESE PLANS MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM TNS DESIGN & CONSULTING

DRAWING NAME:
RESIDENTIAL SPA MASTER

SCALE: NTS
DRAWN BY: TNS
CHECKED BY: TNS
DATE: 3.1.2023

DRAWING NAME:
MASTERRspa2021-01

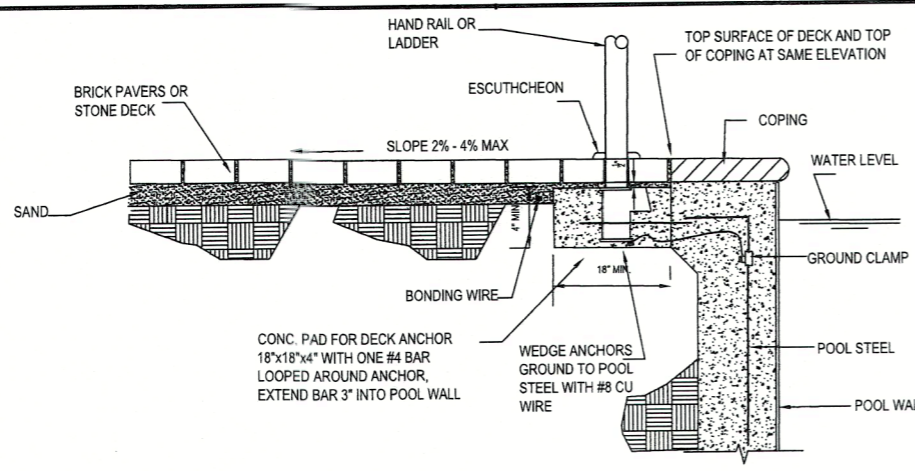
SEAL

DRAWING NAME:
MASTERRspa2021-01

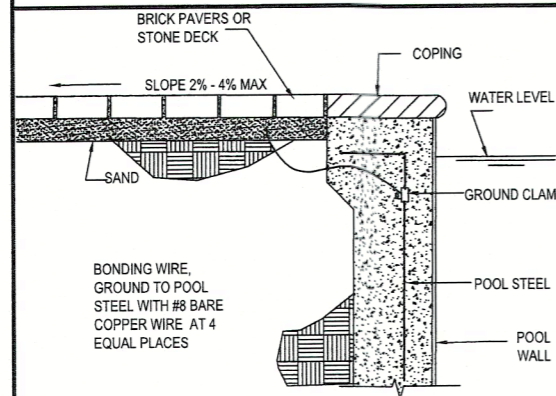
SHEET 1 OF 1

RECEIVED
 DEC 01 2023
 TOWN OF LONGBOAT KEY
 Planning, Zoning & Building

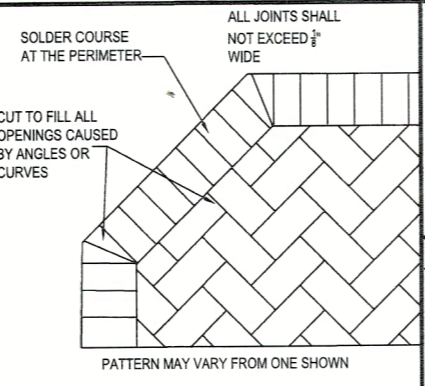
BLDG PERMIT PLANS
FILE
Copy of Record



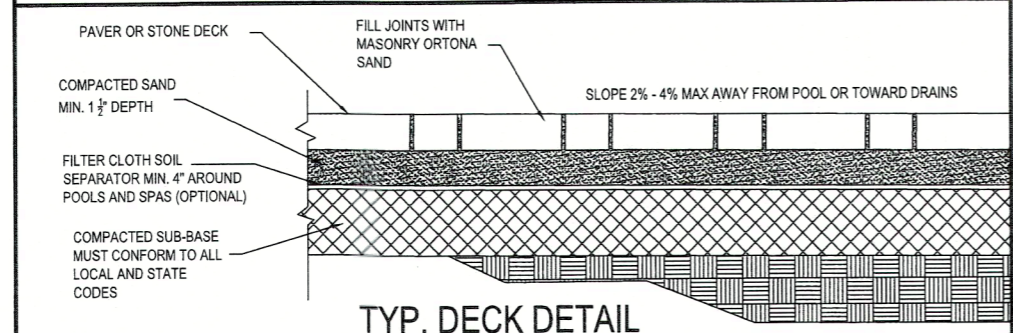
DECK AND DECK ANCHOR DETAIL
NTS



COPPER BONDING GRID



PATTERN DETAIL

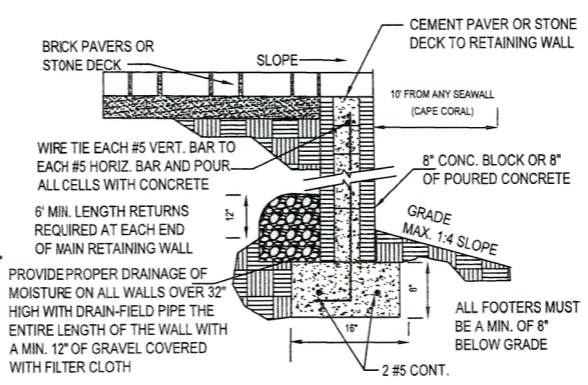


TYP. DECK DETAIL

THIS SPACE INTENTIONALLY LEFT BLANK

1 TO 2 COURSES HIGH (UP TO 16\"/>

3 TO 4 COURSES HIGH (UP TO 32\"/>



RETAINING WALL DETAIL
NTS

NOTES:

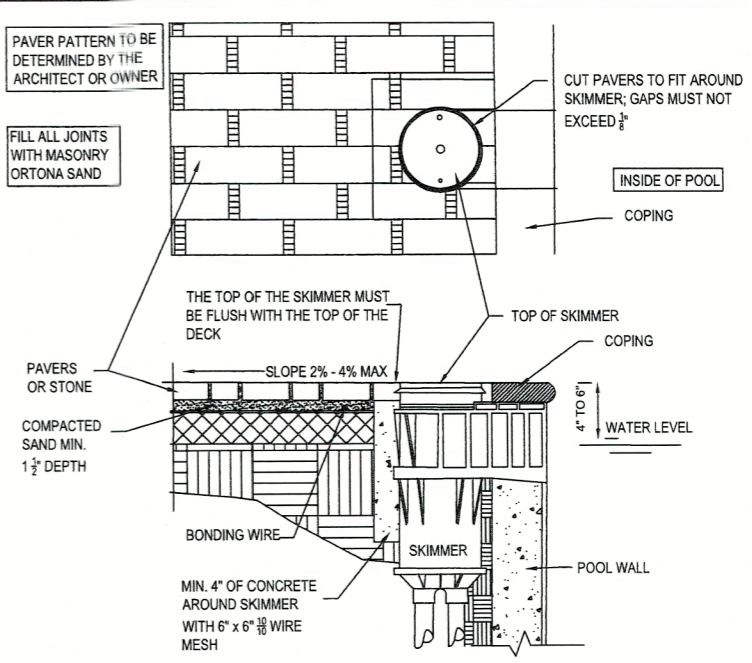
1. EXCAVATE UNSUITABLE, UNSTABLE, ORGANIC, OR UNCONSOLIDATED SUB-GRADE MATERIAL AND COMPACT THE AREA WHICH HAS BEEN CLEARED. THEN BACKFILL AND LEVEL WITH DENSE GRADE AGGREGATE SUITABLE FOR SUBBASE MATERIAL.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL OMISSIONS AND NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE PLANS OR CONFLICT WITH ONSITE CONDITIONS.
3. THE FINISHED DECK SHALL NOT HAVE VOIDS THAT EXCEED 1/2\"/>

THE ENGINEER SHALL NOT BE HELD LIABLE FOR 1.) FAULTY MATERIALS AND CONSTRUCTION. 2.) INADEQUATE OR IMPROPER SUPERVISION OF CONSTRUCTION. 3.) IMPROPER POOL MAINTENANCE AFTER CONSTRUCTION. 4. HYDROSTATIC UPLIFT OF THE POOL.

THESE PLANS ARE FOR RESIDENTIAL POOLS ONLY AND THEY MAY NOT BE USED FOR ANY COMMERCIAL POOL OR COMMERCIAL EXEMPT POOL. THESE PLANS ARE FOR THE EXPLICIT USE FOR THE BUILDER NAMED. NO OTHER BUILDER MAY USE THESE PLANS WITHOUT THE WRITTEN CONSENT FROM THE BUILDER AND TNS DESIGN & CONSULTING, LLC.

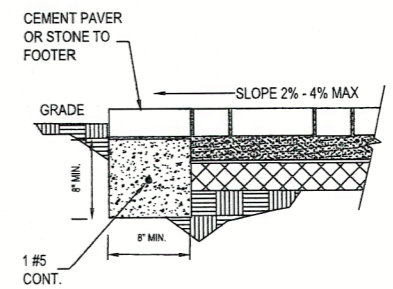


TNS DESIGN & CONSULTING, LLC
1532 US HWY 41 BYP S #204
VENICE, FL 34293
PHONE 941.586.0142
TARA@TNSDESIGNANDCONSULTING.COM
TARA N. SALL,
FLORIDA PE LICENSE NO. 90481

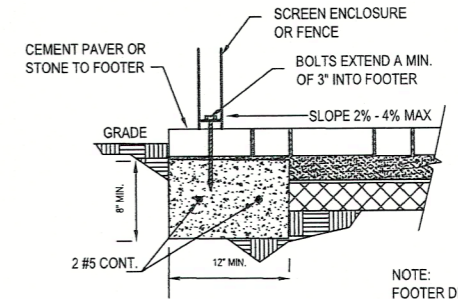


SKIMMER DETAIL
NTS

NOTE:
IF DRAINS ARE REQUIRED IN THE DECK, 4\"/>



DECK EDGE DETAIL
NTS

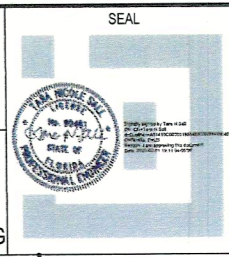


NOTE:
FOOTER DIMENSION FOR SCREEN ENCLOSURES MAY BE DIFFERENT THAN THE ONE SHOWN. SEE SCREEN ENCLOSURE DRAWINGS.

CONTRACTOR
TOM SANGER POOL & SPA, FL LIC. CPC-1458020
6010 CORTEZ ROAD WEST
BRADENTON, FL 34210

MUNICIPALITY
TOWN OF LONGBOAT KEY

THESE PLANS MAY NOT BE REPRODUCED OR COPIED WITHOUT WRITTEN PERMISSION FROM TNS DESIGN & CONSULTING



DRAWING NAME: MASTER PAVES OR STONE DECK		SCALE: NTS	DRAWING NAME: MASTERRpsd2022-01
REV	REVISION DESCRIPTION	BY	DATE
DRAWN BY: TNS		CHECKED BY: TNS	DATE: 3.1.2023
SHEET 1 OF 1			

RECEIVED
 DEC 01 2023
 TOWN OF LONGBOAT KEY
 Planning, Zoning & Building
 BLDG PERMIT PLANS FILE
 Copy of Record