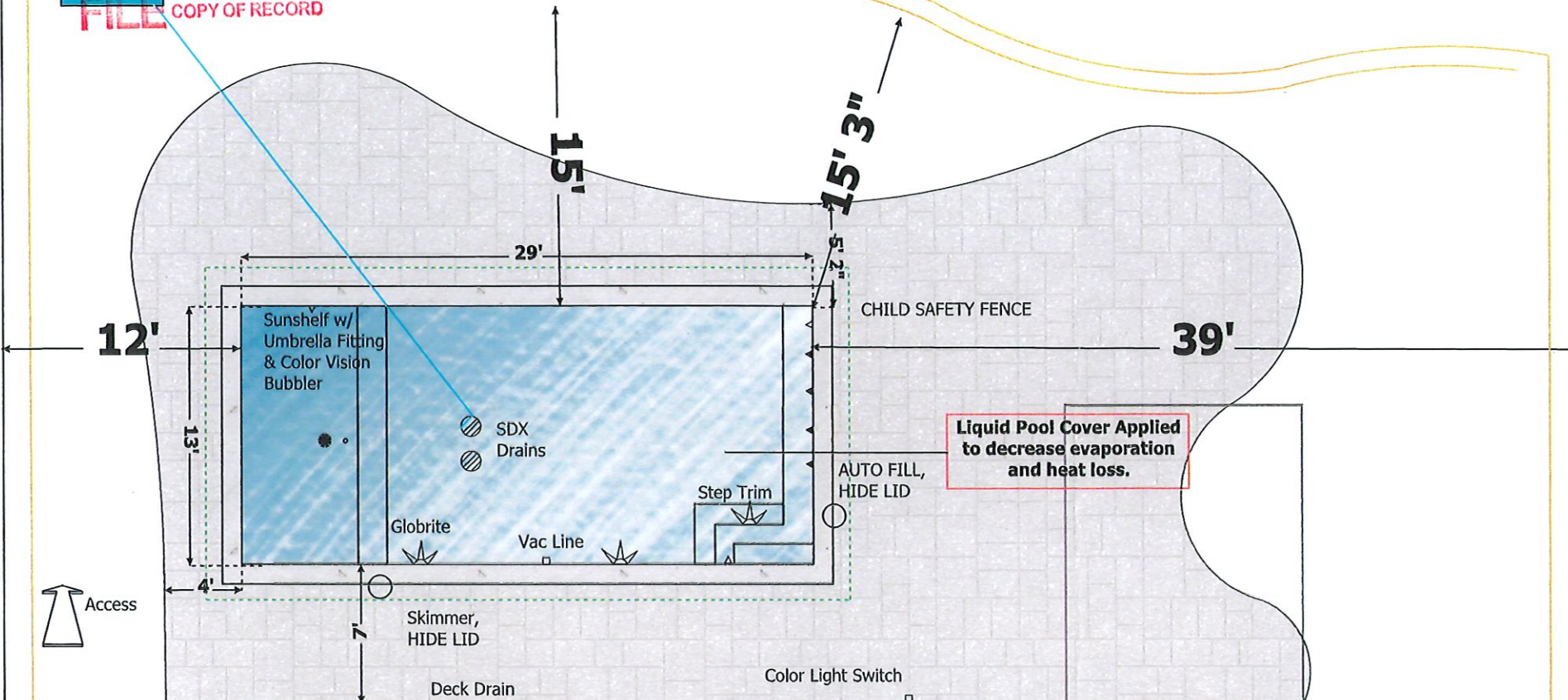


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MANGROVES & MEAN HIGH WATER MARK



Liquid Pool Cover Applied to decrease evaporation and heat loss.

SCREENED LANAI TO REMAIN

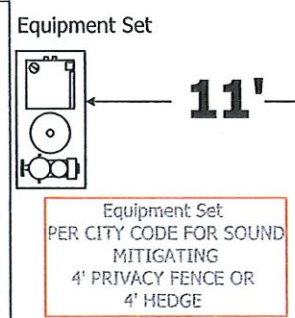
Permit # PSP523-0025
REVIEWED FOR CODE COMPLIANCE
LONGBOAT KEY BUILDING DEPT.

JUN 12 2023

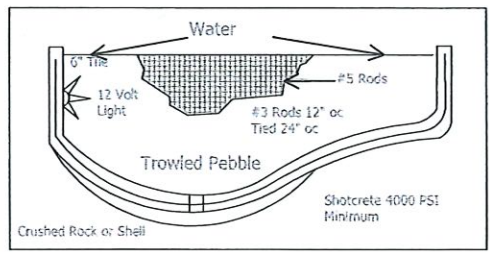
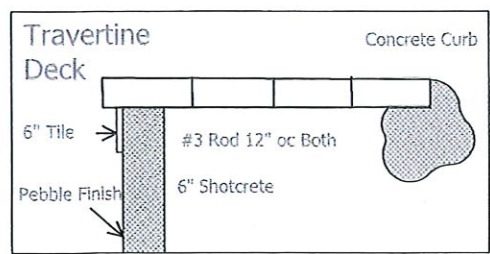
APPROVED

Reviewer: (Signature) (NEAL)

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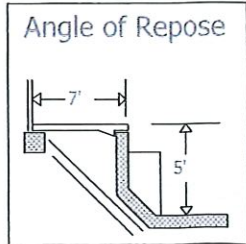


Scale: 1/8" = 1 ft



#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 FENCE SHALL BE SYSTEM PREVIOUSLY APPROVED BY THE BLDG. DEPT., INSTALLED AT TIME OF FINAL INSPECTION PURSUANT TO



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6010 Cortez Rd. WEST
Bradenton, FL 34210
941-932-1414
CPC-1458020
TOM SANGER
 POOL & SPA
 Designed by Josh M. Johnson

NAME: TURNER RESIDENCE 6/5/2023
 ADDRESS: 695 MARBURY LANE
 CITY: LONGBOAT KEY STATE: FL
 PHONE: _____ ZIP: 34228
 EMAIL: TTHOMASTURNER@GMAIL.COM
 CELL: 269-720-2133

POOL SPECS
 SIZE: 13' x 29' SQFT: 377
 DEPTH: 3'6" - 5' PERIMETER: 84
 EST TOTAL GALLONS: 9,000 SKIMMERS: Yes 1
 RETURNS: 3 INTERIOR MATERIAL: Mini Pebble
 LIGHTS: 3 LED Globrite Color TILE: Glass
 SPECIAL: Umbrella Hole, 1 Color Vision Bubblers
 NOTES: _____

SPA SPECS
 SIZE: NO SQFT: _____
 DEPTH: _____ PERIMETER: _____
 RAISED HEIGHT: _____ SPILLWAY: _____
 THERAPY JETS: 4 TILE: _____
 SPECIAL: _____
 NOTES: _____

DECK
 DECK TYPE: TRAVERTINE ELEVATION: Grade
 TOTAL DECK SQFT: 1,100 PERIMETER: _____
 RAISED BEAM: NO LIP STYLE: Travertine Coping
 SPECIAL: _____
 NOTES: _____

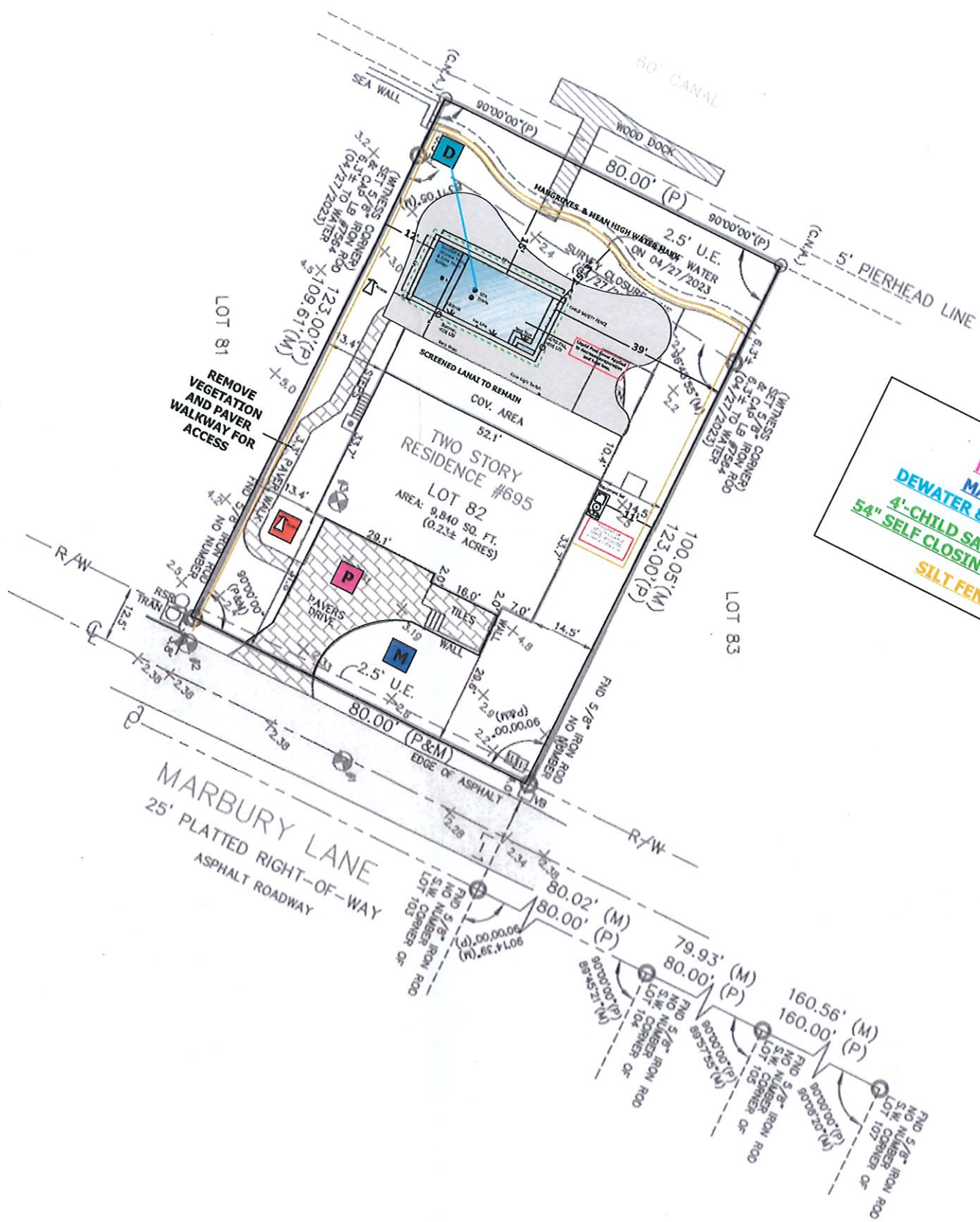
EQUIPMENT
 POOL PUMP: Pentair Intelliflo 2ND PUMP: _____
 FILTRATION: IC 40 FILTER SIZE: CC RP 200
 HEATER: T140 INLINE: Sweep Stub
 TIMER: Easy Touch 4 Controller GAS: No
 SPECIAL: Screen Logic
 NOTES: COLOR LIGHT SWITCH

Customer Signature _____ Date _____

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NOTE:
ALL BEARINGS SHOWN
HEREON ARE ASSUMED



**ACCESS
PARKING
MATERIAL
4'-CHILD SAFETY FENCE
54" SELF CLOSING & LATCHING
SILT FENCE**

SPOT ELEVATION
FINISHED FLOOR ELEVATION = 12.21'

SITE BENCHMARK #1
FIND NAIL & DISK IN ASPHALT ELEVATION = 2.35'

SITE BENCHMARK #2
FIND NAIL & DISK IN ASPHALT ELEVATION = 2.33'

SURVEYOR'S NOTE:
BENCHMARK REFERENCE: M C B E 22
ELEVATION: 14.25'
PID#: DL1838
NORTH AMERICAN VERTICAL DATUM DATED 1988 (N.A.V.D. 1988)
NATIONAL GEODETIC SURVEY DATA

LEGEND:
SQ. FT. = SQUARE FEET
VB = VERIZON BOX
TRAN = TRANSFORMER

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LINE TABLE			
LINE	LENGTH	LENGTH	LENGTH
L-1	25.00'	(P)	25.01' (M)

PROPERTY ADDRESS: 695 MARBURY LANE, LONGBOAT KEY, FLORIDA 34228

POINTS OF INTEREST:
PAVERS EXTENDS INTO THE FRONT EASEMENT.

REVISIONS:
(REV.0 5/12/2023)

FIRST CHOICE SURVEYING, INC.
P.O. BOX 470978
LAKE MONROE, FL 32747
407.951.3425 (Office)
407.520.5453 (Fax); LB #7564
WWW.FIRSTCHOICESURVEYING.COM

CLIENT NO. N/A
JOB NO. 80281
FIELD DATE: 4/27/2023
DRAWN BY: G.L.
DRAWN DATE: 05/02/23
CHECKED BY: L.R.
APPROVED BY: J.S.



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**BOUNDARY SURVEY
W/ SPOT
ELEVATIONS**

SHEET 1 OF 2 (MAP OF SURVEY) - SEE SHEET TWO FOR SURVEY RELATED INFORMATION. SURVEY IS NOT COMPLETE WITHOUT BOTH SHEETS.

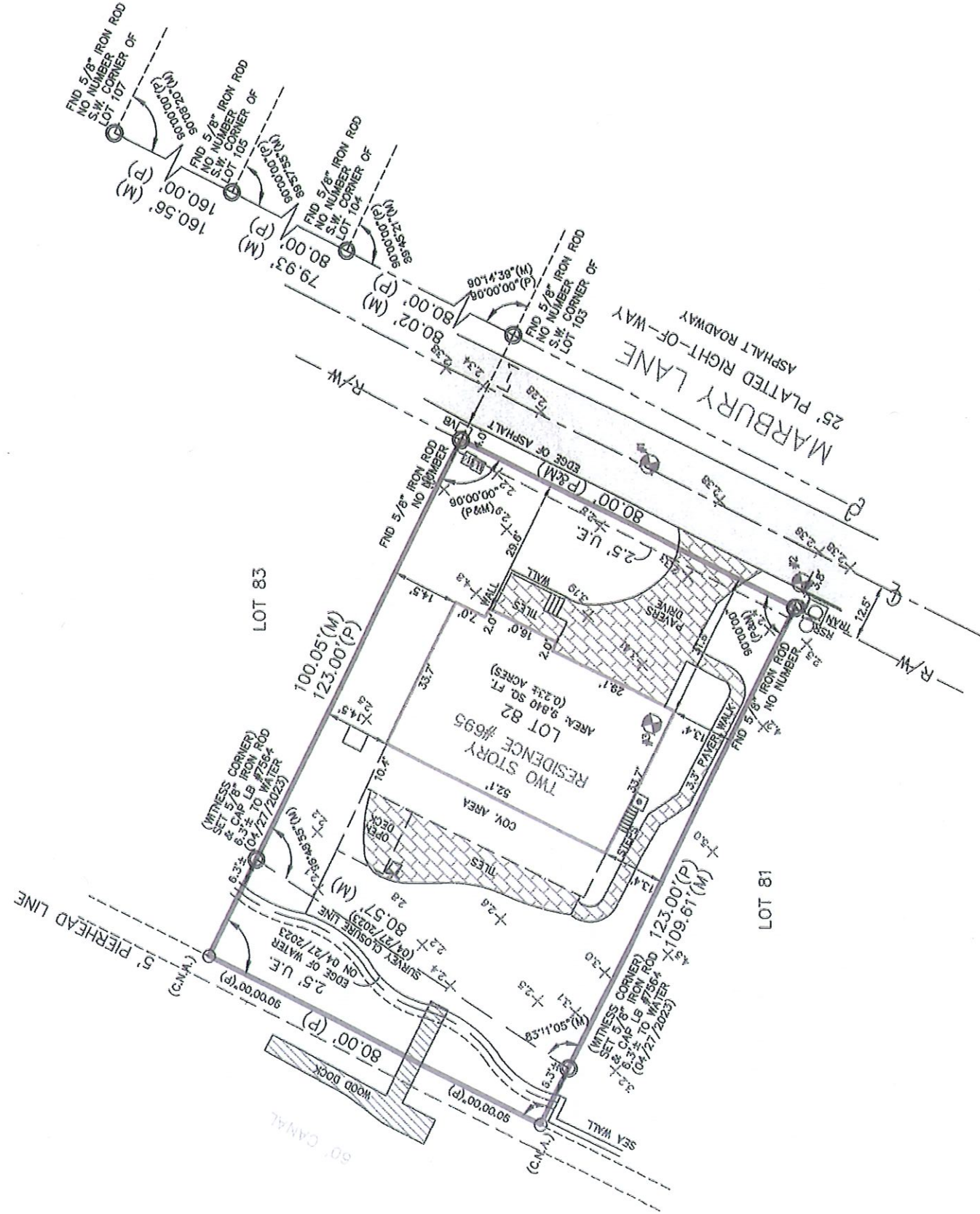


SCALE: 1" = 30'

NOTE:
ALL BEARINGS SHOWN
HEREON ARE ASSUMED

- SPOT ELEVATION
- FINISHED FLOOR ELEVATION = 12.21'
- SITE BENCHMARK #1
FIND NAIL & DISK IN ASPHALT ELEVATION = 2.35'
- SITE BENCHMARK #2
FIND NAIL & DISK IN ASPHALT ELEVATION = 2.33'

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LINE TABLE			
LINE	LENGTH	(P)	(M)
L-1	25.00'		
		(P)	25.01'
		(M)	

LEGEND:
SQ. FT. = SQUARE FEET
VB = VERIZON BOX
TRAN = TRANSFORMER

PROPERTY ADDRESS: 695 MARBURY LANE, LONGBOAT KEY, FLORIDA 34228



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EASEMENT.

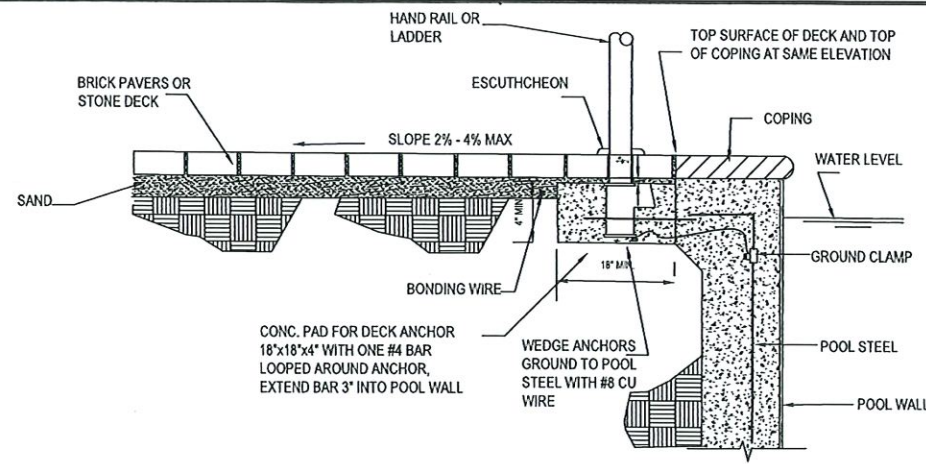
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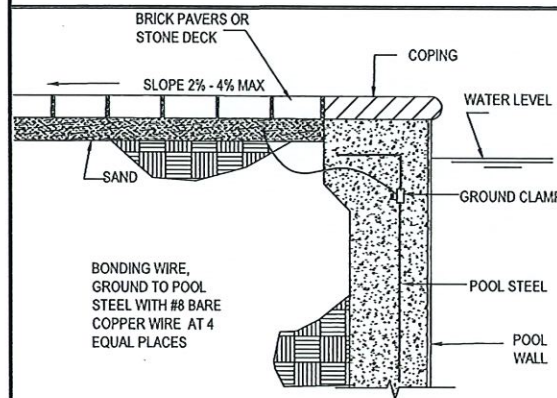
(REV.0 5/2/2023)

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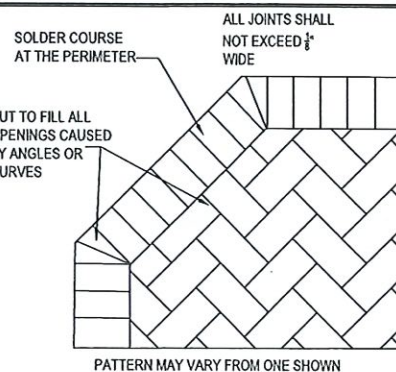
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JOB NO: 80781
FIELD DATE: 4/27/2023
DRAWN BY: G.J.
DRAWN DATE: 05/02/23
CHECKED BY: L.R.
APPROVED BY: L.S.



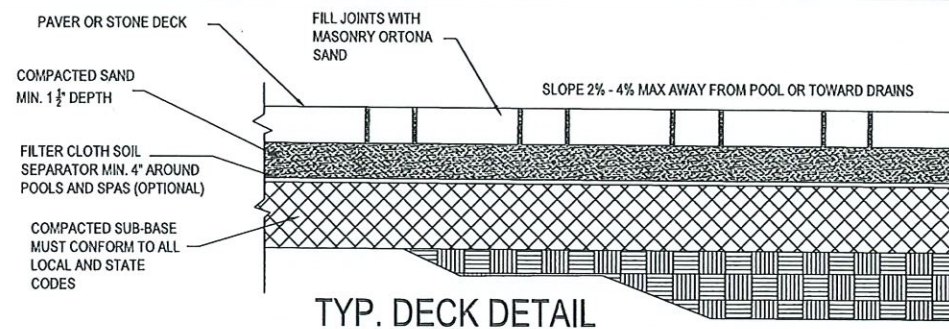
DECK AND DECK ANCHOR DETAIL
NTS



COPPER BONDING GRID



PATTERN DETAIL



TYP. DECK DETAIL

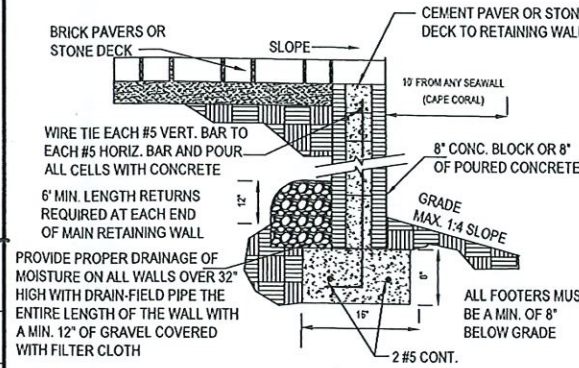
THIS SPACE INTENTIONALLY LEFT BLANK

1 TO 2 COURSES HIGH (UP TO 16" HIGH)
1 #5 VERTICAL REBAR AT 72" O.C. AND AT ALL CORNERS AND ENDS. TOP COURSE TO BE AN 8"x8" KNOCKOUT BLOCK BLOCKS WITH 1 #5 HORIZONTAL REBAR OR AN 8"x8" FORMED AND POURED CAP WITH 1 #5 HORIZONTAL REBAR.

3 TO 4 COURSES HIGH (UP TO 32" HIGH)
1 #5 VERTICAL REBAR AT 48" O.C. AND AT ALL CORNERS AND ENDS. TOP COURSE TO BE AN 8"x8" KNOCKOUT BLOCK BLOCKS WITH 1 #5 HORIZONTAL REBAR OR AN 8"x8" FORMED AND POURED CAP WITH 1 #5 HORIZONTAL REBAR.

5 TO 7 COURSES HIGH (UP TO 56" HIGH)
1 #5 VERTICAL REBAR AT 24" O.C. AND AT ALL CORNERS AND ENDS. TOP 2 COURSES TO BE AN 8"x8" KNOCKOUT BLOCK BLOCKS WITH 1 #5 HORIZONTAL REBAR IN EACH KNOCKOUT BLOCK OR AN 8"x16" FORMED AND POURED CAP WITH 1 #5 HORIZONTAL REBAR. ONE TOP ONE BOTTOM.

ALL REINFORCING STEEL SHALL COMPLY WITH A.S.T.M. 615 GRADE 40.



RETAINING WALL DETAIL
NTS

NOTES:

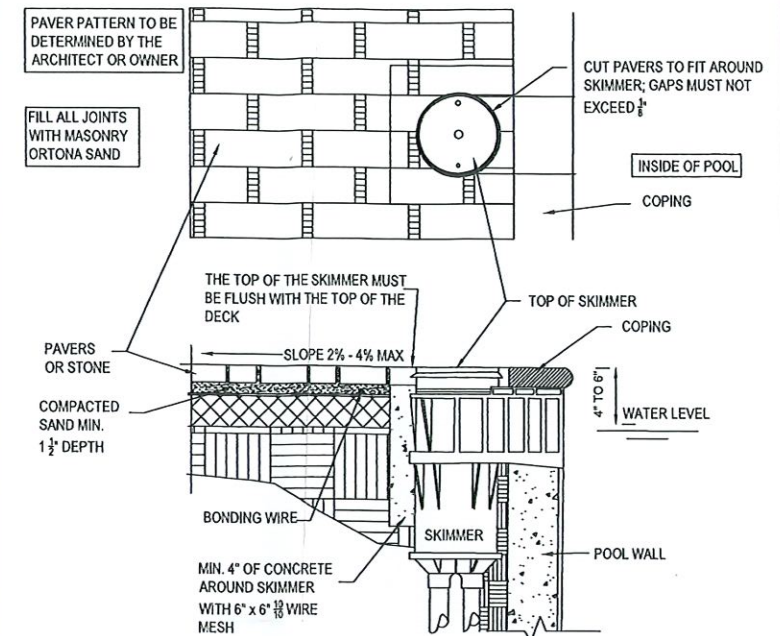
- EXCAVATE UNSUITABLE, UNSTABLE, ORGANIC, OR UNCONSOLIDATED SUB-GRADE MATERIAL AND COMPACT THE AREA WHICH HAS BEEN CLEARED. THEN BACKFILL AND LEVEL WITH DENSE GRADE AGGREGATE SUITABLE FOR SUBBASE MATERIAL.
- THE CONTRACTOR SHALL FIELD VERIFY ALL OMISSIONS AND NOTIFY THE ENGINEER OF ANY DEVIATIONS FROM THE PLANS OR CONFLICT WITH ONSITE CONDITIONS.
- THE FINISHED DECK SHALL NOT HAVE VOIDS THAT EXCEED 1/8" AND HAVE NO SHARP EDGES.
- ALL JOINTS SHALL BE FILLED WITH MASONRY ORTONA SAND.
- THE DECK SHALL SLOPE AT A MIN. 2% TO A MAX. 4% AWAY FROM THE POOL OR TOWARD THE DECK DRAINS.
- ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH STATE AND LOCAL CODES.
- THE DECK MAY BE SEALED WITH A RECOMMENDED DEEP-PENETRATION PAVER SEALANT. (CHECK WITH MANUFACTURER AND HEALTH DEPARTMENT.)
- THE ENGINEER SHALL NOT BE HELD LIABLE FOR FAULTY MATERIALS AND INSTALLATION, IMPROPER SUBBASE, AND IMPROPER MAINTENANCE OF THE DECK.
- THE DECK SHALL CONFORM WITH THE FLORIDA BUILDING CODES, 2020 (7TH EDITION) AND WITH ALL APPLICABLE CITY AND/OR COUNTY ORDINANCES AND CODES.
- A EQUIPOTENTIAL BONDING GRID MUST COVER THE CONTOUR OF THE PERMANENTLY INSTALLED POOL AND SPA UNDER THE DECK. AN UNDERGROUND BONDING CONDUCTOR MADE A SINGLE #8 AWG BARE COPPER WIRE BURIED TO A MINIMUM DEPTH OF 4 TO 6 INCHES BELOW SUBGRADE, AND 18 TO 24 INCHES FROM INSIDE OF THE WALL OF A RESIDENTIAL SWIMMING POOL OR SPA AND BONDED TO THE POOL STEEL WITH #8 AWG BARE COPPER WIRE AT FOUR EQUAL PLACES AROUND THE POOL. FOR POOL WATER BONDING SEE NEC 680.26-C.
- PER NEC680.22-B POOL PUMP MOTORS MUST BE GFI PROTECTED.

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.

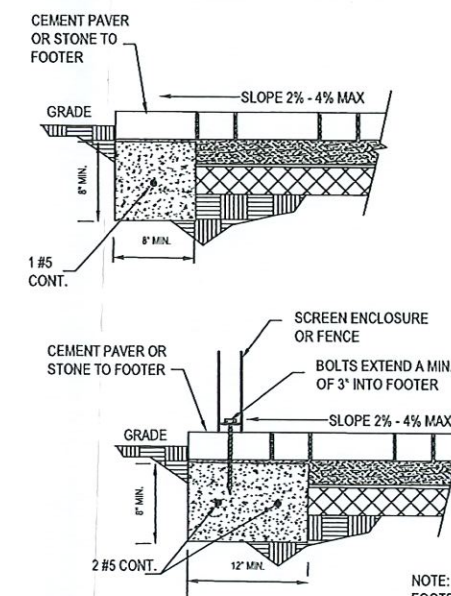


TNS DESIGN & CONSULTING, LLC
1532 US HWY 41 BYP S #204
VENICE, FL 34293
PHONE 941.586.0142
TARA@TNSDESIGNANDCONSULTING.COM
TARA N. SALL,
FLORIDA PE LICENSE NO. 90481



SKIMMER DETAIL
NTS

NOTE:
IF DRAINS ARE REQUIRED IN THE DECK, 4" ROUND OR DECK-O-DRAINS MAY BE USED. PLACED AT 12" O.C. MAX. BETWEEN THE POOL AND THE BUILDING WITH THE DECK SLOPING 2% MIN TO 4% MAX TOWARD THE DRAINS.



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 PAVER OR STONE DECK
SCALE: NTS
DRAWN BY: TNS
CHECKED BY: TNS
DATE: 3.1.2023



DRAWING NAME:
MASTERRpsd2022-01
SHEET 1 OF 1

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