

Columbia County Building Permit Application

For Office Use Only Application # 1105-56 Date Received 5/24/11 By LH Permit # 29446
 Zoning Official BLK Date 31 MAY 2011 Flood Zone N/A Land Use Res. L-De Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE N/A River N/A Plans Examiner T.C. Date 5-27-11

Comments

☒ NOC ☒ NEH ☐ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Parent Parcel #

☐ Dev Permit # ☐ In Floodway ☒ Letter of Auth. from Contractor ☒ F W Comp. letter

IMPACT FEES: EMS _____ Fire _____ Corr _____ Road/Code _____
 School _____ = TOTAL ☒ App fee paid ☒ JF form

Septic Permit No. N/A Fax (386) 755-9860

Name Authorized Person Signing Permit Robert A. Milner Phone (386) 292-9295

Address 931 N.W. Savannah Circle, Lake City, FL 32055

Owners Name Brian Saunders Phone (386) 288-3523

911 Address 232 S.W. Crookside Ln, Lake City, FL 32024

Contractors Name Robert A. Milner Phone (386) 292-9295

Address 931 N.W. Savannah Circle, Lake City, FL 32055

Fee Simple Owner Name & Address Brian Saunders

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address WAYNE BENNETT 2655 FED HWY, Deerfield Bch, FL 33441

Mortgage Lenders Name & Address CAMPUS Credit - Lake City

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 12-45-16-02939-105 Estimated Cost of Construction 24,400.00

Subdivision Name CREEKSIDE Lot 5 Block _____ Unit _____ Phase _____

Driving Directions HWY 90 WEST TO SISTER'S welcome left or S.W. under I-75
TO CREEKSIDE SUB'D (ACROSS FROM Aero Park) house on left.

Number of Existing Dwellings on Property 1

Construction of Fiberglass inground Pool w/ Concrete deck Total Acreage .57 Ac Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height _____

Actual Distance of Structure from Property Lines - Front 83' Side 10.5' Side 112' Rear 73'

Number of Stories 1 Heated Floor Area _____ Total Floor Area _____ Roof Pitch _____

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

Clc# 1461

Spoke to Robert 6-1-11

I gave him a new App. already. LH

TIME LIMITATIONS OF APPLICATION: An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

OWNERS CERTIFICATION: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

Brian Saunders

Owners Signature

CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.

Robert A. Milner

Contractor's Signature (Permitee)

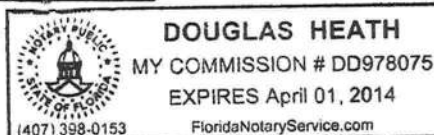
Contractor's License Number CPC 1456862
Columbia County
Competency Card Number 406 of

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 17 day of MAY 2011.
Personally known or Produced Identification DRIVER'S License

Douglas Heath

State of Florida Notary Signature (For the Contractor)

SEAL:



SUBCONTRACTOR VERIFICATION FORM

APPLICATION NUMBER

1105-56

CONTRACTOR

ROBERT A. MILNER
OUTBACK POOLS

PHONE

(386)

292-9295

THIS FORM MUST BE SUBMITTED PRIOR TO THE ISSUANCE OF A PERMIT

In Columbia County one permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the permit. Per Florida Statute 440 and Ordinance 89-6, a contractor shall require all subcontractors to provide evidence of workers' compensation or exemption, general liability insurance and a valid Certificate of Competency license in Columbia County.

Any changes, the permitted contractor is responsible for the corrected form being submitted to this office prior to the start of that subcontractor beginning any work. Violations will result in stop work orders and/or fines.

ELECTRICAL	Print Name	DENNIS CONKLIN	Signature	
	License #:	FL 1300 3800	Phone #:	386-623-9055
MECHANICAL/ A/C	Print Name		Signature	
	License #:		Phone #:	
PLUMBING/ GAS	Print Name		Signature	
	License #:		Phone #:	
ROOFING	Print Name		Signature	
	License #:		Phone #:	
SHEET METAL	Print Name		Signature	
	License #:		Phone #:	
FIRE SYSTEM/ SPRINKLER	Print Name		Signature	
	License #:		Phone #:	
SOLAR	Print Name		Signature	
	License #:		Phone #:	

Specialty License	License Number	Sub-Contractors Printed Name	Sub-Contractors Signature
MASON			
CONCRETE FINISHER	000904	DOUG HEATH	
FRAMING			
INSULATION			
STUCCO			
DRYWALL			
PLASTER			
CABINET INSTALLER			
PAINTING			
ACOUSTICAL CEILING			
GLASS			
CERAMIC TILE			
FLOOR COVERING			
ALUM/VINYL SIDING			
GARAGE DOOR			
METAL BLDG ERECTOR			

F. S. 440.103 Building permits; Identification of minimum premium policy.--Every employer shall, as a condition to applying for and receiving a building permit, show proof and certify to the permit issuer that it has secured compensation for its employees under this chapter as provided in ss. 440.10 and 440.38, and shall be presented each time the employer applies for a building permit.

ATS# 14375

Prepared by:
Rhonda B. Green
Abstract & Title Services, Inc.
382 SW Baya Drive
Lake City, Florida 32025

Warranty Deed

Individual to Individual

Inst: 2004010655 Date: 08/05/2004 Time: 09:32
Doc Stamp-Deed: 176.35
MK DC, P. Dewell Cason, Columbia County B: 1022 P: 2350

THIS WARRANTY DEED made the 3rd day of August, 2004 by

Peter W. Giebelg, A Single Person
hereinafter called the grantor, to

Brian Saunders and Wendy L. Saunders
whose post office address is: 170 SE Deerwood Glen, Lake City, FL 32025
hereinafter called the grantee:

(Wherever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# R02939-105

Lot 5, Creekside, a subdivision according to the plat thereof, filed in Plat Book 7, Pages 124-125, Public Records of Columbia County, Florida.

TOGETHER with all tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2003.

IN WITNESS WHEREOF, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Cynthia Terrio
Witness Cynthia Terrio

Peter W. Giebelg
Peter W. Giebelg

Shirley Spivey
Witness Shirley Spivey

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 3rd day of August, 2004 by Peter W. Giebelg, A Single Person personally known to me or, if not personally known to me, who produced Driver's License No. _____ for identification and who did not take an oath.

(SEAL)

Cynthia Terrio
Notary Public Cynthia Terrio



Columbia County Property Appraiser

DB Last Updated: 5/3/2011

2010 Tax Year

Parcel: 12-4S-16-02939-105

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	SAUNDERS BRIAN & WENDY L		
Mailing Address	232 SW CREEKSIDE LN LAKE CITY, FL 32024		
Site Address	232 SW CREEKSIDE LN		
Use Desc. (code)	SINGLE FAM (000100)		
Tax District	2 (County)	Neighborhood	12416
Land Area	0.570 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOT 5 CREEKSIDE S/D. WD 1022-2390.		

**Property & Assessment Values**

2010 Certified Values		
Mkt Land Value	cnt: (0)	\$21,600.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (1)	\$139,799.00
XFOB Value	cnt: (2)	\$4,570.00
Total Appraised Value		\$165,969.00
Just Value		\$165,969.00
Class Value		\$0.00
Assessed Value		\$165,969.00
Exempt Value	(code: HX)	\$50,000.00
Total Taxable Value	Cnty: \$115,969 Other: \$115,969 Schl: \$140,969	

2011 Working Values**NOTE:**

2011 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

[Show Working Values](#)
Sales History
[Show Similar Sales within 1/2 mile](#)

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
8/3/2004	1022/2390	WD	V	Q		\$24,900.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SINGLE FAM (000100)	2005	COMMON BRK (19)	2100	2841	\$132,254.00
Note: All S.F. calculations are based on exterior building dimensions.						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0166	CONC,PAVMT	2005	\$3,270.00	0001635.000	0 x 0 x 0	(000.00)
0120	CLFENCE 4	2009	\$1,300.00	0000200.000	0 x 0 x 0	(000.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000100	SFR (MKT)	1 LT - (0000000.570AC)	1.00/1.00/1.00/1.00	\$21,600.00	\$21,600.00

Columbia County Property Appraiser

DB Last Updated: 5/3/2011

1 of 1

DISCLAIMER

This information was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21
Lake City, FL 32055
Office: 386-758-1008 Fax: 386-758-2160

Application Number _____

NOTICE TO SWIMMING POOL OWNERS

I Charles Brian Saunders have been informed and I understand that prior to the final inspection approval and use of my pool, I will need all the inspections approved and the required fencing installed in accordance with applicable regulations. The Florida Building Code Chapter 4 Section 24 requires private residential swimming pools, hot tubs, or non-portable spas containing water over 24 inches deep to meet the following pool barrier safety feature requirements:

- The pool access must be isolated by a barrier at least 4 feet high and installed around the perimeter of the pool. Unless the pool is equipped with a safety cover complying with the specifications of American Society for Testing and Materials standard F-1346-91.
- The barrier shall not have any gaps or openings which would allow a child to crawl under, squeeze through or climb over and must be placed no less than 20 inches from the water's edge.
- Gates located in the pool barrier must open outward away from the pool and be both self-closing and self-latching, with a release mechanism not less than 54" above the standing surface at the gate.
- The barrier must be separate from any other fence, wall, or other enclosure surrounding the yard unless the fence, wall or other enclosure or portion thereof is situated on the perimeter of the pool and meets the pool barrier requirements.
- Where a wall of a dwelling serves as part of the barrier one of the following shall apply:
 - 1) All doors and first floor windows with a sill height of less than 48 inches providing direct access from the home to the pool must be equipped with an alarm that has a minimum sound pressure rating of 85 decibels at 10 feet. The alarm shall sound immediately upon opening the window or door unless the temporary bypass mechanism is activated.
 - 2) Or; all doors providing direct access from the home to the pool must be equipped with a self-closing, self-latching device with a release mechanism located at least 54 inches above the floor.

According to Florida statutes, failure to comply with these requirements is a misdemeanor of the second degree, punishable by imprisonment for up to 60 days or a fine of up to \$500, except that no penalty shall be imposed if within 45 days after arrest or issuance of a summons or notice to appear, the pool is equipped with the aforementioned safety features and the responsible person attends a drowning prevention education program developed by the Florida Department of Health. I also understand that there are several inspections required in addition to a final inspection for my swimming pool.

Brian Saunders 5/7/11
Owner Signature Date

Address: 232 S.W. CREEKSIDE IN., LAKE CITY, FL 32024

Robert A. Milner 5/1/2011
Contractor Signature Date

CPC 1456862
License Number

AFTER RECORDING - RETURN TO:

OUTBACK POOLS
931 S. SAVANNAH CIRCLE
LAKE CITY, FL 32055

Inst: 201112007756 Date: 5/24/2011 Time: 2:44 PM
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B: 1215 P: 350

PERMIT NUMBER:

NOTICE OF COMMENCEMENT

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes the following information is provided in the Notice of Commencement.

1. DESCRIPTION OF PROPERTY (Legal description and street address, if available) TAX PARCEL NUMBER: _____
SUBDIVISION CREEKSIDE BLOCK _____ TRACT _____ LOT 5 BLDG _____ UNIT _____
232 S.W. CREEKSIDE LN, Lake City, FL 32024 / Sect. 12 Township 4 South
RANGE 16 EAST COLUMBIA CO. FL.
2. GENERAL DESCRIPTION OF IMPROVEMENT: _____
CONST. OF NEW FIBERGLASS INGROUND POOL w/ DECKING
3. OWNER INFORMATION: a. Name Brian Saunders
b. Address 232 S.W. Creekside Ln, Lake City, FL 32024 c. Interest in property OWNER
d. Name and address of fee simple titleholder (if other than Owner) OWNER
4. CONTRACTOR'S NAME, ADDRESS AND PHONE NUMBER: _____
ROBERT A. MILNER OF OUTBACK POOLS + Waterfalls INC.
931 N.W. SAVANNAH CIRCLE, Lake City, FL 32055
5. SURETY'S NAME, ADDRESS AND PHONE NUMBER AND BOND AMOUNT: _____
N/A
6. LENDER'S NAME, ADDRESS AND PHONE NUMBER: _____
CAMPUS CREDIT UNION, LAKE CITY, FL.
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes:
NAME, ADDRESS AND PHONE NUMBER: _____
N/A
8. In addition to himself or herself, Owner designates the following to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) (b), Florida Statutes:
NAME, ADDRESS AND PHONE NUMBER: _____
N/A
9. Expiration date of notice of commencement (the expiration date is 1 year from the date of recording unless a different date is specified): _____, ____, 20__

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

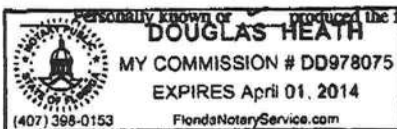
Brian Saunders
Signature of Owner or
Owner's Authorized Officer/Director/Partner/Manager

BRIAN SAUNDERS
Print Name and Provide Signatory's Title/Office

State of Florida
County of Palm Beach

The foregoing instrument was acknowledged before me this 17 day of MAY, 2011

By Brian Saunders as Owner
(name of person) (type of authority, ...e.g. officer, trustee, attorney in fact)
For Owner
(name of party on behalf of whom instrument was executed)



Douglas Heath
(Signature of Notary Public)

Under Penalties of perjury, I declare that I have read the foregoing and that the facts in it are true to the best of my knowledge and belief (Section 92.525, Florida Statutes).

Signature of Owner(s) or Owner's Authorized Officer/ Director / Partner/Manager who signed above:
By Brian Saunders By _____



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

SWIMMING POOL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004

REQUIREMENTS FOR SITE BUILT POOLS. (2 Sets of plans with engineering is required to be submitted for each permit.)

- ☒ 1. Site-Plan showing the location of the pool and the distance from each property line, include structures and the distance from the pool.
- ☒ 2. Reinforcement, thickness and type concrete, depth limits, details of built in steps, footings on decks, for both pools and hot tubs or whirlpools.
- ☒ 3. Piping detail for drains, suction inlet locations, skimmers and re-circulation lines.
- ☒ 4. Entrapment protection device. (Manufacturer and Model)
- ☒ 5. Back-up vacuum relief device or means.
 - A. Approved vacuum release system. (Manufacturer and Model)
 - B. Approved vent piping.
 - C. Other approved devices or means.
- ☒ 6. Diameter and depths of proposed pool relative to adjacent foundations of other structures and any retaining walls and/or finished grades and slopes. If pool falls in the angle of repose of any existing foundation, additional engineering shall be provided indicating how the foundation shall be maintained.
- ☒ 7. Distance of any glass adjacent to the pool edge and distance from walking surface to bottom edge of glass. (As per FBC 2004 section 2405.2 any glass within 60" of the waters edge and within 60" of the walking surface on the pool side of the glazing shall be tempered.)
- ☒ 8. All accessories to the pool such as ladders, slides, diving boards etc. that are proposed.
- ☒ 9. Location of existing electrical outlets and fixtures and the proposed receptacle within the pool area.
- ☒ 10. Location and type of all proposed pool equipment, electric and gas service.
- ☐ N/A 11. Will pool or spa have a heater and will it be gas or electric? (If gas provide layout and sizing of gas lines.)
- ☒ 12. Show detail of how POOL BARRIER REQUIREMENTS, FBC Section 424.2.17, shall be met on this specific pool.
- ☒ 13. NOTICE TO SWIMMING POOL OWNERS - Include this form signed by the owner and the contractor.

REQUIRED INSPECTIONS:

GROUND: Set-backs from property lines, distance from existing foundations, pool shell structure, bonding of all metal parts, electrical rough-in, main drains and associated piping, distance to glazing.

DECK: Slab reinforcement and deck drains, bonding of all metal equipment and parts, lighting, including potting compound, electrical deck box, suction and return piping under minimum pressure test.

FINAL: Location and installation of all equipment, Barrier requirements as per plan. Electrical receptacles and finished electric hook-ups, Completed piping and valve system. Gas heaters installed and connected to gas lines (if applicable).



29446

Notice of Treatment

Applicator: Florida Pest Control & Chemical Co. (www.flapest.com)

Address: 332 S. Hwy 11
City: Altamonte City **Phone:** 767-1703

Site Location: Subdivision Creek Side
Lot # **Block#** **Permit #** 29446
Address 232 S. Creek Side St. 1C

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
<input type="checkbox"/> Premise	Imidacloprid	0.1%
<input type="checkbox"/> Termidor	Fipronil	0.12% 10%
<input type="checkbox"/> Bora-Care	Disodium Octaborate Tetrahydrate	23.0%

Type treatment:

☐ Soil

☐ Wood

<u>Area Treated</u>	<u>Square feet</u>	<u>Linear feet</u>	<u>Gallons Applied</u>
<u>Post Hole</u>	<u>31</u>	<u>12</u>	<u>6 gal</u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>
<u> </u>	<u> </u>	<u> </u>	<u> </u>

As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

6-29-11 8:05 F251
Date **Time** **Print Technician's Name**

Remarks: _____

Applicator - White

Permit File - Canary

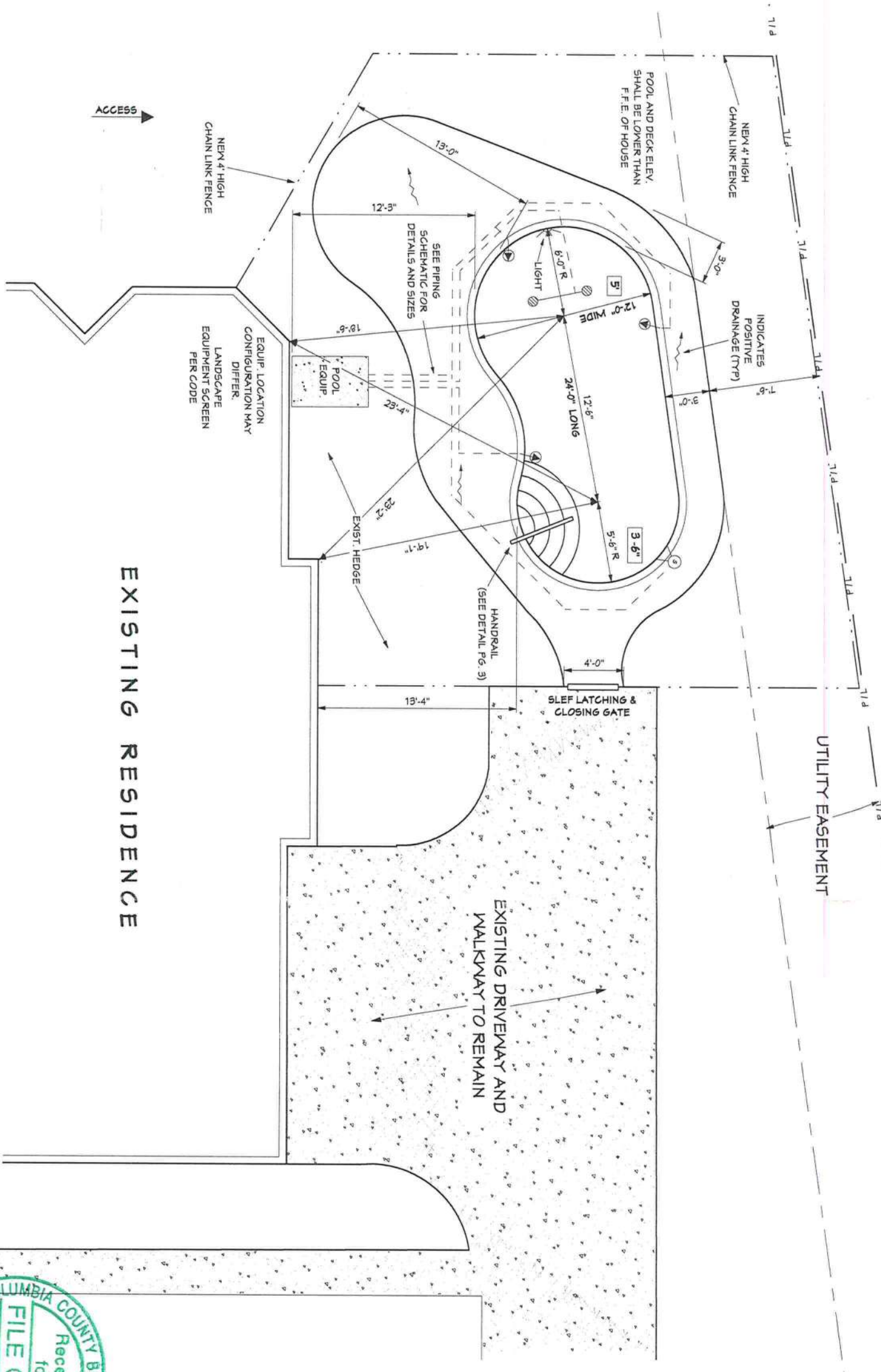
Permit Holder - Pink

10/05



LEGAL DESCRIPTION
LOT 5 OF CREEKSIDE, RECORDED IN
PLAT BOOK 7, PAGES 124 AND 125,
COLUMBIA COUNTY, FLORIDA

UTILITY EASEMENT



FIBERGLASS POOL PLAN

SCALE 1/8" = 1'-0"

FIBERGLASS POOL SPECIFICATIONS

POOL SIZE:	12'-0" X 24'-0" / SUNCOAST	POOL DEPTH:	3'-6" TO 5'
POOL CAPACITY:	6,107 GAL.	TURNOVER RATE:	1.49 HR (12 HR MAX)
POOL S.F.:	211 SF.	POOL PERIMETER:	59 LF

POOL EQUIPMENT

PUMP SIZE :	PENTAIR 3/4 HP	MODEL :	SUPERFLO 75 GPM MAX.
FILTER SIZE :	75 SF	MODEL :	PENTAIR CARTRIDGE
CHLORINATOR :	SALT SYS.	MODEL :	TBD
POOL RETURN :	3	SKIMMER :	1
CLEANING LINE :	NONE	LIGHT :	(1) LED - COLOR
HEATER TYPE :	NONE	MODEL SIZE :	NONE

MATER FEATURES

ROSETTE :	NONE	LION HEADS :	NONE
SHEER DESCENT :	NONE	DECK JETS :	NONE
SPRITZER :	NONE	JET ON S-O :	NONE
FEED LINE(S) :	NONE	BUBBLER :	NONE

FINISHING ITEMS

COPING:	OVERFLOW	NONE
TILE:	ON POOL SHELL	
SPAINOUT SIZE:	NONE	410 SF
EXT RAILINGS:	HANDRAIL	NONE
AUTOMATION:	NONE	NONE
INTERIOR FINISH:	FIBERGLASS	NONE
	DECK-O-DRAIN:	NONE

ADDITIONAL FEATURES

SCREEN ENCL :	NONE	FOOTER :	NONE

SPA SPECIFICATIONS

SFA SIZE:	NONE	DEPTH :	NONE
SFA PUMP :	NONE	SFA PENUMETER:	NONE
JETS:	NONE	SFA S. F.:	NONE
SFA CAPACITY:	NONE	TURNOVER RATE:	NONE
RAISED:	NONE	LIGHT :	NONE
GLASS BLOCKS:	NONE	BLOWER :	NONE
SPLILWAY SIZE:	NONE	ENTRY STEP :	NONE

NOTES

PERIMETER BARRIER: CHILD FENCE OR ALARMS BY OWNER PER SAFETY REQUIREMENTS PAGE 2

FINAL DRAWING

APPROVED FOR LAYOUT, DIMENSIONS & EQUIPMENT. I/WE UNDERSTAND THAT ANY CHANGES WILL INVOLVE AN ADDITIONAL CHARGE OF \$350.00 FOR EVERY CHANGE MADE. ALSO NO ENGINEERED PLANS WILL BE PROCESSED WITHOUT ORIGINAL SIGNED SALES DRAWING. NO EXCEPTIONS.

DATE : X X

OUTBACK POOLS & WATERFALLS, INC.

431 NW SAVANNAH CIR.
LAKE CITY, FL., 32055
Phon : (386) 755-9860-6677 / Fax : (386) 292-9295

SAUNDERS RESIDENCE
232 CREEKSIDE LANE
LAKE CITY, FL.

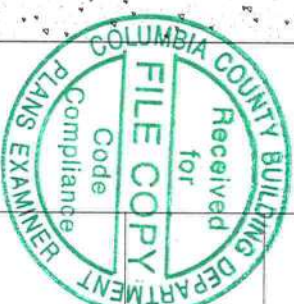
DATE: 5-18-11

1 OF 3

ORDER#

B.D.D.#

112417-B



General Notes

General

The swimming pools and spas consist of one-piece fiberglass construction shop-formed over a mold. The material is fiberglass reinforced plastic (FRP), a minimum of 1/4 inch (6.4 mm) thick, composed of isophthalic resin, vinyl ester resin, and fiberglass. The surface finish is a neo pentyl glycol gel coat. Viking Pools produces various styles of swimming pools and spas. When installed in accordance to Viking Pools installation procedures, the pools and spas comply with applicable requirements of the following codes:

- 2009 International Building Code® (IBC)
- 2009 International Residential Code (IRC)
- 1997 Uniform Building Code (UBC)
- BOCA® National Building Code/2003 (BNBC)
- 2006 International Plumbing Code® (IPC)
- 2006 IAPMO Uniform Plumbing Code (UPC)*
- 2003 ANSI/APSP-5 Residential Inground Swimming Pools
- 1999 ANSI/APSP-3 Spa
- 2010 California Building Code
- 2010 California Residential Code
- 2010 California Mechanical Code
- 2010 California Electrical Code
- 2010 California Fire Code
- 2010 California Energy Code
- 2010 California Plumbing Code
- 2007 Florida Building Code
- 2007 Florida Plumbing Code
- 2007 Florida Fuel/Gas Code
- 2007 Florida Mechanical Code
- 2007 Florida Residential Code
- 2006 ANSI/APSP-7
- 2007 ANSI/ASME-A112.19.8
- 2008 National Electric Code (NEC)
- 98-76 Building Administrative Code

The overall pool dimensions, depths and capacities are shown in Table 1 and Table 4. The units comply with ANSI/APSP-5, specified in Section AG-103.1 of the IRC, and IAPMO IGC-2000*, specified in the UPC.

Models described in Table 2, Table 3, and Table 4 can be placed up to 19-1/2 inches (49.5mm) above ground. These pools and spas may be placed with or without concrete or wood decking. Unless elevated portions of the units are protected from sunlight by soil berms, decking, etc., these portions must be coated with a UV-inhibiting opaque paint that is compatible with the laminate.

All plumbing must comply with the IPC or UPC. Electrical work must comply with the code in effect at the construction site. The pool and spa must remain full of water at all times. A permanent sign, bearing the following statement, must be attached to the pumping equipment:

Notice-The pool or spa is designed to remain full of water at all times. The pool shell may be damaged if the water level is allowed to drop below the skimmer. When appreciable draw-down is noticed or if it becomes necessary to drain the pool or spa, contact Viking Pools or its dealers for instructions.

A permanent label must be installed adjacent to the above sign indicating the Viking Pools dealer's name, address and telephone number.

Installation Procedure:

Viking pools and spas may be installed without a soil investigation by a registered design professional(RDP), subject to the building official's approval, provided none of the following conditions are encountered at the site:

- 1. The existence of uncontrollable groundwater within the depth of the pool or spa excavation.
 - 2. The existence of an uncompacted fill in contact with any portion of the pool or spa.
 - 3. The existence of expansive or adobe-type soils.
 - 4. The existence of any soil types with an angle of repose that will not support the walls of the excavation at desired slopes.
 - 5. Danger to adjacent structures posed by the proposed pool or spa location.
 - 6. The existence of any cracks or openings in soil that would not confine sand bedding.
- If any of the conditions above is encountered, excavation must cease immediately. The specified conditions at the site must then be

reviewed and recommendations made by the RDP. The building official must approve the RDP's report before work is completed.

The pool or spa excavation profile must coincide with the contours of the pool. The over excavation is minimum 6 inches (152mm) on the sides and ends. The over excavation at the pool bottom is minimum 4 inches (102mm). The backfill for the pool or spa bottom is a layer of 3-inch-thick (76mm) bedding sand matching the pool or spa profile.

This sand layer is compacted using a manual tamper and water. The pool or spa is then set into place using a crane, excavator or manually and be within 1 inch (25mm) of level. Simultaneous waterfill and sand backfill operations then commence. The sand is compacted with a tamper and water. The installer must ensure that the backfill level and water level are approximately the same throughout this procedure.

After completion of the backfill and plumbing, the decking is placed. Decks are prepared as indicated in Figures 1 through 4:

- 1. Cantilevered concrete decks are constructed as noted in Figure 1 in all cases.
- 2. Cantilevered decks are constructed with brick or stone as noted Figure 2 in all cases.
- 3. Raised bond beams are constructed as noted in Figure 3 in all cases.
- 4. Aboveground installations are constructed as noted in Figure 4 in all cases.

Barriers are required where pools are on premises of UBC Group R, Division 3, Occupancies or IBC Group R Occupancies. The barriers must comply with Appendix Chapter 4, Division 1, of the UBC or Section 3109.4 of the IBC

BOCA® National Building Code/2003 (BNBC):

Viking pools and spas may be used as public swimming pools or private swimming pools, in connection with Group R-3 Occupancies only. In addition to other requirements in this report, swimming pools used under the BNBC must satisfy the following items:

- 1. Location: Swimming pool and spa walls shall maintain distances from property lines required in Section 421.4 of the BNBC.
- 2. Construction: Requirements in Section 421.5 of the BNBC, concerning slopes, cleaning devices, walkways, steps and ladders, must be observed.
- 3. Water Supply: The water supply and drainage must comply with Section 421.6 of the BNBC.
- 4. Barriers: Barriers for private swimming pools must comply with requirements in Section 421.10 of the BNBC.
- 5. Diving Boards: Diving board distances and water depths must comply with Section 421.11 of the BNBC.

Identification:

Viking pools and spas are identified by the following information imprinted on the top step of the pool or spa: manufacturer's name (Viking Pools) and address, pool or spa model designation, a coded serial number and the evaluation report number (ESR-2014). The units also bear the label of the quality control agency, Columbia Research & Testing Corporation (AA-527).

Findings: That the fiberglass one piece swimming pools and spas are in compliance with the above listed codes as noted in ESR-2014 subject to the following conditions.

- 1. The construction and pool/spa installation comply with this report and the manufacturer's instructions.
- 2. Electrical and plumbing installation comply with the respective codes in effect at the construction site.
- 3. That all pools are installed in accordance with manufacturer's recommendations.
- 4. The pools and spas produced by Viking Pools Northeast, Inc., 176 Viking Drive Industrial Park, Jane Lew, West Virginia; Viking Pools Central, Inc., 10600 West Interstate 20 East, Midland, Texas; and Viking Pools, Inc., 121 Crawford Road, Williams, California; Viking Pools Southeast, 40119 County Road 54E, Zephyrhills, FL are manufactured under a quality control program with inspections by Columbia Research & Testing Corporation (AA-527).

Expansive soils:

For installation of pools or spas in expansive soils, the following additional installation details must be followed subject to code official's approval:

- 1. All surfaces adjacent to the pool or spas must be excavated to a minimum depth of 12 inches (305 mm) beneath the pool bottom and minimum 6 inches (152 mm) behind the pool walls.
- 2. Any soft or loose soils exposed by step 1 must be removed until exposed material is solid. If the soil is still soft and loose, the upper 6 inches (152 mm) of all horizontal excavation surfaces must be scarified and compacted with mechanical equipment. The compacted surfaces and the excavated wall surfaces must be maintained in a moist condition until the first lift of backfill or fill is placed against the surface. The term compaction implies any method necessary to consolidate the native and fill materials to keep the pool or structure from settling.
- 3. The excavated bottom area of the pool or spa must be backfilled with granular import material to approximately 6 inches (152 mm) below the bottom of the pool or spa, wetted and compacted.
- 4. The remaining 6 inches (152 mm) must be backfilled beneath the pool or spa and outside the pool walls with compacted clean sand. The pool or spa must be filled with water as backfilling progresses to a level equivalent to that of the backfill. The backfill must be placed in compacted layers of approximately 6 inches (152 mm) while a uniform height of backfill is maintained around the pool or spa.
- 5. Positive surface drainage away from the perimeter of the pool and surrounding deck is required and critical to installations in highly expansive soils. Surface area drains and surface drainage swales or subdrains must be placed as needed to prevent ponding or saturation of the soil around the perimeter and vicinity of the pool to prevent excessive shrink-swell or volume changes in the soil.

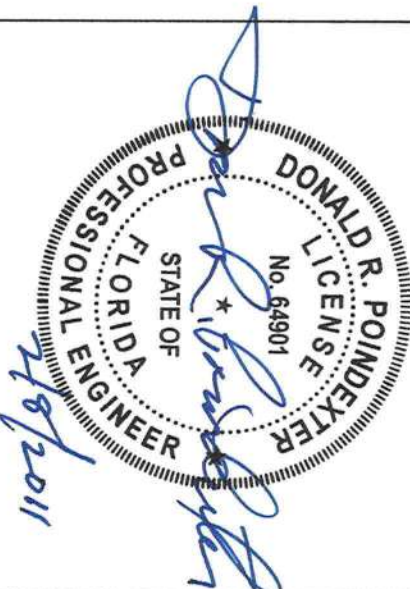
Table of Contents	
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Page 5	Pool Models
Page 6	Pool Models Continued
Page 7	Hydro Zone Models
Page 7	Spa Models
Page 7	Alternative Recirculation Systems

Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines.



Reviewed by:
Donald R. Poindexter, PE
Florida Lic. No. 64901
1525 Shaw Ct., P.O. Box 937
Bodega Bay, CA 94923
Phone / Fax 707-875-2111

Seal:



Viking Pools

ICC Evaluation Report Number (ESR-2014)

Jane Lew, WV Phone: (304) 884-6954 Fax: (304) 884-7198
Midland, TX Phone: (432) 561-9933 Fax: (432) 561-9934
Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393
Zephyrhills, FL Phone: (813) 783-7439 Fax: (813) 783-7214

Project Name and Address
Brian + Wendy Saunders
232 S.W. CREEKSIDE LN
LAKE CITY, FL - 32024
Contractor
OUTBACK POOLS / Robert Milner
931 N.W. SAVANNAH CIRCLE
LAKE CITY, FL - 32055
Date MAY 20, 2011

NOTE :
BASED OUR EXPERIENCE W/OTHER POOL PROJETS IN THIS AREA THE BEARING CAPACITY IS 2000 PSF. IF OTHER CONDITIONS ARE FOUND AT EXCAVATION THE POOL CONTRACTOR MUST NOTIFY ENGINEER IMMEDIATELY.

NOTES :
-ALL DECKS ARE MEASURED FROM WATERLINE OF POOL TO EDGE OF DECK
-DIVING EQUIPMENT ABSOLUTELY PROHIBITED
-VAC LINE TO HAVE VAC LOCK

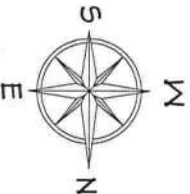
LEGAL DESCRIPTION
LOT 5 OF CREEKSIDE, RECORDED IN
PLAT BOOK 1, PAGES 124 AND 125,
COLUMBIA COUNTY, FLORIDA

UTILITY EASEMENT

NEW 4" HIGH
CHAIN LINK FENCE
INDICATES
POSITIVE
DRAINAGE (TYP)
POOL AND DECK ELEV.
SHALL BE LOWER THAN
F.F.E. OF HOUSE

EXISTING DRIVEWAY AND
WALKWAY TO REMAIN

EQUIP. LOCATION
CONFIGURATION MAY
DIFFER.
LANDSCAPE
EQUIPMENT SCREEN
PER CODE
NEW 4" HIGH
CHAIN LINK FENCE
ACCESS



FIBERGLASS POOL PLAN

SCALE 1/8" = 1'-0"

EXISTING RESIDENCE

FIBERGLASS POOL SPECIFICATIONS

POOL SIZE: 12'-0" X 24'-0" / SUNCOAST POOL DEPTH: 3'-6" TO 5'
POOL CAPACITY: 6,707 GAL. TURNOVER RATE: 1.49 HR (12 HR MAX)
POOL S.F.: 211 SF. POOL PERIMETER: 59 LF

POOL EQUIPMENT

PUMP SIZE: PENTAIR 3/4 HP MODEL: SUPERFLO 75 GPM MAX
FILTER SIZE: 75 SF MODEL: PENTAIR - CARTRIDGE
CHLORINATOR: SALT SYS. MODEL: TBD
POOL RETURNS: 3 SKIMMER: 1
CLEANING LINE: NONE LIGHT: (1) LED - COLOR
HEATER TYPE: NONE MODEL - SIZE: NONE

WATER FEATURES

ROSETTE: NONE LION HEADS: NONE
SHEER DESCENT: NONE DECK JETS: NONE
SPRITZER: NONE JET ON S-O: NONE
FEED LINE(S): NONE BUBBLER: NONE

FINISHING ITEMS

COPING: OVERPOUR HANDHOLD TYPE: NONE
TILE: ON POOL SHELL TYPE OF NEW DECK: KOOL DECK
SWIMOUT SIZE: NONE NEW DECK SF.: 410 SF
EXIT RAILINGS: HANDRAIL CAPING SF.: NONE
AUTOMATION: NONE BENCH SIZE: NONE
INTERIOR FINISH: FIBERGLASS DECK-O-DRAIN: NONE

ADDITIONAL FEATURES

SCREEN ENCL.: NONE FOOTER: NONE

SPA SPECIFICATIONS

SPA SIZE: NONE DEPTH: NONE
SPA PUMP: NONE SPA PERIMETER: NONE
JETS: NONE SPA S.F.: NONE
SPA CAPACITY: NONE TURNOVER RATE: NONE
RAISED: NONE LIGHT: NONE
GLASS BLOCKS: NONE BLOWER: NONE
SPILLWAY SIZE: NONE ENTRY STEP: NONE

NOTES

PERIMETER BARRIER: CHILD FENCE OR ALARMS BY OWNER PER SAFETY REQUIREMENTS PAGE 2

FINAL DRAWING

APPROVED FOR LAYOUT, DIMENSIONS & EQUIPMENT. I HAVE UNDERSTAND
THAT ANY CHANGES WILL INVOLVE AN ADDITIONAL CHARGE OF \$350.00 FOR
EVERY CHANGE MADE. ALSO NO ENGINEERED PLANS WILL BE PROCESSED
WITHOUT ORIGINAL SIGNED SALES DRAWING. NO EXCEPTIONS.

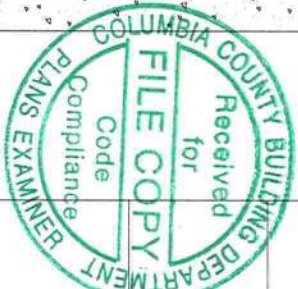
X

DATE:

OUTBACK POOLS & WATERFALLS, INC.

431 NW SAVANNAH CIR.
LAKE CITY, FL. 32055
Phon : (386) 755-9860-6677 / Fax : (386) 292-4295

SAUNDERS RESIDENCE
232 CREEKSIDE LANE
LAKE CITY, FL.



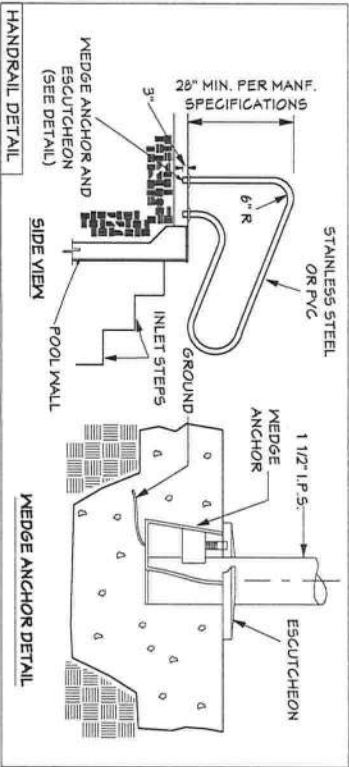
ORDER# DATE: 5-18-11
B.D.D.# 1 OF 3
112417-B

GENERAL NOTES

- 1- GENERAL REQUIREMENTS :
SEE GENERAL NOTES PROVIDED BY FIBERGLASS POOL COMPANY FOR REQUIRED CODES, INSTALLATION AND IDENTIFICATION
- 2- MECHANICAL REQUIREMENTS :
ALL PIPING EQUIPMENT AND MATERIALS USED IN THE PLUMBING SYSTEM OF SWIMMING POOLS AND SPAS THAT ARE BUILT IN PLACE SHALL CONFORM TO THE FLORIDA BUILDING CODE, PLUMBING 424.2.3 & R4101.3. ALL PLUMBING MATERIALS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURERS INSTALLATION STANDARDS.
- 3- COMPLIANCE :
ALL MATERIALS, PIPING, VALVES, EQUIPMENT OR APPLIANCES ENTERING INTO THE CONSTRUCTION OF SWIMMING POOLS-SPAS OR PORTIONS THEREOF SHALL BE OF A TYPE COMPLYING WITH THE CODE OR OF A TYPE RECOMMENDED AND APPROVED BY A NATIONALLY RECOGNIZED TESTING AGENCY OR CONCERNING TO OTHER RECOGNIZED STANDARDS ACCEPTABLE TO ADMINISTRATIVE AUTHORITY.
- 4- ENGINEERING DESIGN :
DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMITY WITH ANSIS/SP1 3, 4, 5 AND 6 2003, PUBLISHED BY THE INTERNATIONAL AQUATICS FOUNDATION OR OTHER ACCEPTED ENGINEERING PRACTICES.
- 5- TESTING AND CERTIFICATION :
ALL POOL AND SPA SUCTION INLETS SHALL BE PROVIDED WITH A COVER THAT HAS BEEN TESTED AND ACCEPTED BY A RECOGNIZED TESTING FACILITY AND COMPLY WITH ANSIS/SP1 A112.19.8M * SUCTION FITTINGS FOR USE IN SWIMMING POOLS, SPAS, HOT TUBS AND WHIRLPOOL BATHUB APPLIANCES*. EXCEPTION : SURFACE SKIMMERS.
- 6- SAFETY NOTE :
DO NOT USE OR OPERATE POOL OR SPA IF THE SUCTION INLET FITTING IS BROKEN, MISSING OR LOOSE.
- 7- WATER VELOCITY PER ANSIS/SP-7 2006 #4.4
WATER VELOCITY IN FIELD FABRICATED PIPING IS BASED ON THE MAX. SYSTEM FLOW RATE. MAX. WATER VELOCITY IN BRANCH PIPING (THE PIPING BETWEEN THE DRAINS) SHALL BE LIMITED TO 6 FEET PER SECOND (FPS) WHEN ONE OF A PAIR IS BLOCKED. IN NORMAL OPERATION THEN, THE BRANCH SUCTION PIPING VELOCITY IS 3 FEET PER SECOND (FPS). ALL OTHER SUCTION PIPING VELOCITIES SHALL BE 6 FPS FOR PUBLIC POOLS OR 8 FPS FOR RESIDENTIAL POOLS.
- 8- MAX. SYSTEM FLOW RATE PER ANSIS/SP-7 2006 #4.4.1
THE MAXIMUM SYSTEM FLOW RATE SHALL BE DETERMINED BY ONE OF THE FOLLOWING:
- TDH CALCULATION FOR THE CIRCULATION SYSTEM OF EACH PUMP, OR
- SIMPLIFIED TDH CALCULATION, OR
- THE MAX. FLOW CAPACITY (DETERMINE FROM PUMP FLOW CURVE) OF THE NEM OR REPLACEMENT PUMP (WHICH SHALL BE LIMITED BY THE CRITERIA OF ANSIS/SP-7 #4.4
- IMPORTANT NOTE : IF THE MAX. PUMP FLOW RATE GREATER THAN DRAIN FLOW RATE OR 8 FPS SUCTION FLOW RATE OR 10 FPS DISCHARGE FLOW RATE, THEN THE MAX. FLOW FROM THE PUMP CURVE OPTION HAS FAILED
IF SO, THE TOTAL DYNAMIC HEAD TDH CALCULATION SHALL BE REQUIRED TO DETERMINE IF THE SYSTEM IS ACCEPTABLE. USING TDH, DETERMINE NEM MAX. FLOW RATE FROM PUMP CURVE. IF IT IS GREATER THAN DRAIN FLOW RATE OR 8 FPS SUCTION FLOW RATE OR 10 FPS DISCHARGE FLOW RATE, THE SYSTEM IS NOT ACCEPTABLE.
- IF A VARIABLE SPEED PUMP IS USED, USE THE MAX. PUMP FLOW IN CALCULATIONS
- FOR SIDE DRAINS, USE APPROPRIATE SIDE WALL DRAIN FLOW AS PUBLISHED BY MANUFACTURER
- IN-FLOOR SUCTION OUTLET COVER/GRATE MUST CONFORM TO MOST RECENT EDITION OF AS/NZS/AS1 A112.19.8 AND BE EMBOSSED WITH THAT EDITION
- PUMP, FILTER & HEATER MAKE AND MODEL CANNOT CHANGED AND EQUIPMENT LOCATION CANNOT BE MOVED CLOSER TO POOL WITHOUT SUBMITTING A REVISED PLAN AND TDH CALCULATION FOR APPROVAL
- MIN. SYSTEM FLOW BASED ON 1/4 FLOW PER SKIMMER OF 35 GPM
- SYSTEM FLOW RATE MUST NOT EXCEED APPROVED COVER FLOW RATES
- CENTER TO CENTER DISTANCE BETWEEN THE SUCTION PIPE OUTLETS SHALL BE 36 INCH MIN.
- CHANNEL TYPE (WITH 2 OR 3 OUTLETS IN ONE PORT) SHALL BE AT LEAST 3" WIDE BY 31" LONG
- 9- PUMP :
PER FBC 424.2.1.1 STRAINER POOL CIRCULATING PUMPS SHALL BE EQUIPPED ON THE INLET SIDE WITH AN APPROVED TYPE HAIR AND LINT STRAINER WHEN USED WITH A PRESSURE FILTER. PER 424.2.1.2 INSTALLATION TO BE COMPLETED IN ACCORDANCE MANUF'S RECOMMENDATIONS. PER 424.2.1.3 CAPACITY : PUMPS SHALL HAVE DESIGN CAPACITY AT THE FOLLOWING HEADS: 1) PRESSURE DYNAMIC/CEOUS EARTH-A LEAST 60 FEET, 2) VACUUM D.E. 20 INCH VACUUM ON THE SUCTION SIDE AND 40 FEET TOTAL HEAD. 3) RAPID SAND - AT LEAST 45 FEET, 4) HIGH RATE - AT LEAST 60 FEET. PER 424.2.1.5 PUMP IMPELLERS, SHAFT, WEAR RINGS AND OTHER WORKING PARTS SHALL BE CONSION RESISTANT MATERIALS.
- 10- CLEANER FITTINGS : (FOR CONCRETE SHELL POOLS ONLY)
PER ANSIS/SP15 4.12.10 THE VACUUM OR PRESSURE CLEANER FITTING(S) SHALL BE LOCATED IN AN ACCESSIBLE POSITION AT LEAST 6 INCHES AND NOT GREATER THAN 18 INCHES BELOW THE MINIMUM OPERATING WATER LEVEL, OR AS AN ATTACHMENT TO THE SKIMMER-ALL CLEANER SUCTION INLETS SHALL BE PROTECTED BY AN APPROVED, PERMANENTLY INSTALLED, SELF CLOSING FLAPPER ASSEMBLY.
- 11- VALVE :
PER FBC 424.2.1 & R4101.8.1 VALVES SHALL BE MADE OF MATERIALS THAT ARE APPROVED IN THE FLORIDA BUILDING CODE, PLUMBING. VALVES LOCATED UNDER CONCRETE SLABS SHALL BE SET IN A PIT HAVING A LEAST DIMENSION OF FIVE PIPE DIAMETERS, MINIMUM 10 INCHES, FITTED WITH A SUITABLE COVER
- 12- WASTE WATER DISPOSAL :
PER FBC 424.2.10 & R4101.10 DIRECT OR INDIRECT CONNECTIONS CANNOT BE MADE TO EXISTING FACILITIES WITHOUT THE PRIOR APPROVAL OF THE ADMINISTRATIVE AUTHORITY.
- 13- WATER SERVICE :
PER FBC 424.2.4 & R4101.4 BACKFLOW PREVENTION DEVICE REQUIRED ON ALL POTABLE WATER SERVICE
- 14- TESTS :
ALL POOL PIPING SHALL BE INSPECTED BEFORE COVER OR CONCEALMENT. IT SHALL BE TESTED ANDPROVED TIGHT UNDER A STATIC WATER OR AIR PRESSURE TEST OF NOT LESS THAN 35 PSI FOR 15 MINUTES. PER MANUFACTURERS RECOMMENDATIONS, NO AIR TEST SHALL BE APPROVED FOR PVC PIPE AND FITTINGS. SECTION 424.2.12.1 & R4101.12.2 PRESSURE TESTS.
- 15- WATER HEATING EQUIPMENT :
SWIMMING POOL WATER HEATING EQUIPMENT SHALL CONFORM TO THE DESIGN CONSTRUCTION AND INSTALLATION REQUIREMENTS IN ACCORDANCE WITH ACCEPTED ENGINEERING PRACTICES AND SHALL BEAR THE LABEL OF A RECOGNIZEDTESTING AGENCY*, AND SHALL INCLUDE A CONSIDERATION OF COMBUSTION AIR, VENTING AND GAS SUPPLY REQUIREMENTS FOR WATER HEATERS SEC. 424.2.14.1 & R4101.14.1. IT MUST CONTAIN A THERMOSTATIC OR HIGH PRESSURE CONTROL SWITCH SO THE POOL WATER DOES NOT EXCEED 104 DEGREES F. SEC. 424.2.14.4 & R4101.14.4 WATER HEATING EQUIPMENT SHALL BE INSTALLED WITH FLANGES OR UNION CONNECTIONS ADJACENT TO THE HEATER WATER HEATING EQUIPMENT-SWIMMING POOL WATER HEATING EQUIPMENT SHALL COMPLY WITH FBC 412.1 ALL HEATERS MUST HAVE AN INTERNAL CHECK VAVE. PER FBC 13.612.1 ABC 2.3.2 THE POOL AND SPA SHALL BE PROVIDED WITH A COVER TO REDUCE HEAT LOSS (IF REQUIRED BY THE CITY)
- 16- GAS PIPING :
GAS PIPING SHALL COMPLY WITH FBC, FUEL GAS SEC. 424.2.15 & R4101.15
- 17- ELECTRICAL :
POOL LOCATION AND ELECTRICAL WIRING AND EQUIPMENT SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE 2005, SPECIFICALLY SECTION 680.
- 18- LADDERS AND STEPS :
PER FBC 424.2.18 & R4101.18 ALL POOLS SHALL BE PROVIDED WITH A LADDER OR STEPS INTHE SHALLOM END WHERE WATER EXCEEDS 24 INCHES. WHERE WATER DEPTH EXCEEDS 5 FEET, THERE SHALL BE LADDERS, STAIRS OR UNDERWATER BENCHES/STWOUDOUTS IN THE DEEP END.
- 19- FILTERS :
PER FBC 424.2.20 & R4101.20 THE ENTIRE DESIGN OF WATCHED COMPONENTS SHALL HAVE SUFFICIENT CAPACITY TO PROVIDE A COMPLETE TURNOVER OF POOL WATER IN 12 HOURS OR LESS.
- 20- POOL FITTINGS :
PER FBC 424.2.21 & R4101.21 POOL FITTINGS SHALL BE OF AN APPROVED TYPE AND DESIGN AS TO BE APPROPRIATE FOR THE SPECIFIC APPLICATION. PER FBC 424.2.13.2 JOINTS AND C CONNECTIONS, FBC PLUMBING SEC. 605.21, PURPLE PRIMER REQUIRED ON PVC PIPING
- 21- SKIMMERS :
PER FBC 424.2.12 & R4101.21.4 SKIMMERS SHALL BE INSTALLED ON THE BASIS OF ONE PER 500 SF OF SURFACE AREA OR FRACTION THEREOF.
- 22- HYDROSTATIC RELIEF DEVICE :
PER FBC 424.2.14 & R4101.21.4 IN AREAS OF ANTICIPATED WATER TABLE, AN APPROVED HYDROSTATIC RELIEF DEVICE SHALL BE INSTALLED.
- 23- CONCRETE / STEEL : (CONCRETE SHELL POOLS ONLY)
CONCRETE IS TO BE A MIX DESIGNED IN ACCORDENCE WITH ASTM C-94 BY A RECOGNIZED TESTING LABORATORY TO ACHIEVE A STRENGTH OF 3000 PSI, AT 28 DAYS (UNLESS OTHERWISE NOTED) WITHA PLASTIC AND WORKABLE MIX. FREEMATICALLY APPLIED CONCRETE ANDIOR SHOTCRETE SHALL BE STRENGTH IN ACCORDANCE WITH ACI 304.2R-04 AND ACI 308.2-04, RESPECTIVELY. ALL OTHER CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304R-04, A CERTIFICATE OF MANUFACTURERS MIX AND FLUGH IN IS TO BE PROVIDED. ADD AFTER TRUCK LEAVES PLANT WITHOUT APPROVAL OF ENGINEER. PLANT CONTROL IS REQUIRED. MAXIMUM MIX TIME AT POINT OF DEPOSIT IS 40 MINUTES. CONCRETE WORK SHALL BE AS PER REQUIREMENTS AND RECOMMENDATIONS OF ACI 301-04, REINFORCING, DEFORMED STEEL BARS SHALL BE A615 GRADE 60 (UNLESS OTHERWISE NOTED). FREE FROM OIL, LOOSE SCALE AND LOOSE RUST. REINFORCING, DEFORMED STEEL BARS SHALL BE BENT, LAPPED, PLACED, SUPPORTED AND FASTENED ACCORDING TO THE MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES (ACI 315-04) AND THE BUILDING CODE REQUIREMENTS FOR REINFORCING CONCRETE (ACI 318-04). IN CASE OF CONFLICT, THE MORE CONSERVATIVE VALUE(S) SHALL BE USED.
- 24- SOIL STATEMENT :
IN ACCORDANCE WITH FBC SECTION 1918, HAVE BEARING CAPACITY OF SOIL : BASED UPON RATIONAL ANALYSIS AND KNOWN VALUES IN THE VICINITY. THE IN-PLACE BEARING CAPACITY OF THE SOIL BENEATH THE POOL AND RELATED STRUCTURES SHOWN WITHIN THESE PLANS IS 2000 PSF AFTER EXCAVATION AND COMPACTION IN ACCORDANCE WITH CURRENT EDITION OF FBC. SHOULD ANY MUCK, MARL OR OTHER ORGANIC SOILS BE DISCOVERED ON EXCAVATION, THEY SHOULD BE REMOVED IN THEIR ENTIRETY. ALL CONSTRUCTION SHALL STOP AND THE ENGINEER OF RECORD SHALL BE CONTACTED TO CONDUCT AN INSPECTION. STRUCTURAL ELEMENTS ARE DESIGNED WITH A REQUIRED BEARING CAPACITY OF 2000 PSF, UNLESS OTHERWISE SPECIFIED.

- 25- POOL STAKING :
THIS DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR POOL CONSTRUCTION IN EASEMENT OR REQUIRED SETBACKS AREAS. PLAT PLANS NOT PREPARED FROM LEGAL SURVEYS OF THE EXISTING LOT AND RESIDENCE ARE SO INDICATED. THE POOL CONTRACTOR SHALL VERIFY ALL DIMENSIONS IN THE FIELD AND ESTABLISH LOT LINES & LOCATION OF UTILITIES AT THE SITE AND CONTACT THE H.C.E. IF DIFFERENT THAN INDICATED ON PLAN. MINIMUM CLEARANCE DIMENSIONS SHALL BE HELD AS REQUIRED BY THE LOCAL REGULATORY AGENCY.
- 26- EXISTING STRUCTURES :
THE POOL CONTRACTOR SHALL ALWAYS TAKE ALL PRECAUTIONS TO PROTECT EXISTING STRUCTURES FROM FAILURE BY SHEETING ANDIOR SHORING OR OTHER METHODS. THE DESIGN ENGINEER ACCEPTS NO RESPONSIBILITY FOR THE SAFETY OF EXISTING STRUCTURES. IN CASE OF FOOTINGS UNDERMINING, CONTRACTOR SHALL POUR CONCRETE BETWEEN POOL AND FOOTING. TOP OF CONCRETE SHALL BE BOTTOM OF FOOTING. WIDTH OF POURED CONCRETE SHALL BE FOOTING WIDTH AT A MINIMUM

- 27- PIPING :
PIPING SHALL BE SCH. 40 BEARING NSF APPROVAL. PER FBC 2001 R4101, PIPING CAN BE (IF NEEDED) ENCASED IN THE CONCRETE OF THE POOL SHEEL.
- 28- CONCRETE SLABS :
ALL POOL EQUIPMENT SLABS SHALL COMPLY WITH SECTION 1820.3 OF FBC 2001
- 29- HANDHOLD :
ANSI-NSP15 ARTICLE XV SECTION 15.13, A SECURED ROPE OR CERAMIC HANDHOLDS MUST BE PLACED AT OR NO MORE THAN 12" ABOVE THE NORMAL WATERLINE OF THE POOL
- 30- POWER LINE :
OVERHEAD ELECTRIC LINES MUST BE LOCATED 10 FEET AND UNDERGROUND ELECTRIC LINES MUST BE LOCATED 5 FEET FROM POOL WATER EDGE.
- 31- BACKFILL & COMPACTION
BACKFILL CONSTRUCTION AREAS TO PROPER ELEVATION. IF NEEDED USING CLEAN GRANULAR MATERIAL, FREE OF ORGANICS AND OTHER DELETERIOUS MATERIALS AND PLACED IN LIFTS NOT TO EXCEED 12 INCHES IN THICKNESS AND COMPACTED TO 98% OF THE ASTM D-1557 MODIFIED PROCTOR METHOD. BACKFILLING SHALL COMMENCE ONLY FOLLOWING REMOVAL FROM EXCAVATION OF ALL FORMS, WOOD, DEBRIS, AND OTHER DELETERIOUS MATERIALS. COMPACTION SHALL BE WITH EQUIPMENT SUITED TO SOIL BEING COMPACTED. MOISTEN OR AERATE MATERIAL AS NECESSARY TO PROVIDE MOISTURE CONTENT COMPACT EACH LAYER TO NOT LESS THAN PERCENTAGE OF THAT WHICH WILL READILY FACILITATE OBTAINING SPECIFIED COMPACTION WITH EQUIPMENT USED. ENSURE THAT THE COMPACTION OF PREVIOUSLY PREPARED FILL AREAS HAS BEEN MAINTAINED PRIOR TO PLACING NEW LAYERS. AFTER INSTALLATION OF ANY PLUMBING AND ELECTRICAL PIPING DISTURBED AREAS SHALL BE RECOMPACTED.
- 32- ENTRAPMENT TESTING AND CERTIFICATION :
ALL POOL AND SPA SUCTION INLETS SHALL BE PROVIDED WITH A COVER THAT HAS BEEN TESTED AND ACCEPTED BY A RECOGNIZED TESTING FACILITY AND COMPLY WITH ANSIS/SP1 A112.19.8 * SUCTION FITTINGS FOR USE IN SWIMMING POOLS, SPAS, HOT TUBS AND WHIRLPOOL BATHUB APPLIANCES*. EXCEPTION : SURFACE SKIMMERS.
- 33- WARNING :
TO EMPTY POOL AFTER CONSTRUCTION, FOR REPAIRS OR ANY OTHER REASON, THE HYDROSTATIC UPLIFT PRESSURES BENEATH THE POOL MUST BE ELIMINATED TO PREVENT THE POOL FROM FLOATING UPWARD. THE OWNER MUST CONSULT A POOL CONTRACTOR OR POOL REPAIR CONTRACTOR EXPERIENCED IN ELIMINATING UPLIFT PRESSURES.
- 34- NOTE 1 :
THIS PLAN IS NOT TRANSFERABLE FROM ONE CONTRACTOR TO ANOTHER
- 35- NOTE 2 :
UNLESS OTHERWISE SPECIFIED, ALL DETAILS SHOWN ARE NOT TO SCALE.
- 36- NOTE 3 :
REMOVED
- 37- NOTE 4 :
POOL AND DECK ELEVATION SHALL BE LOWER THAN FINISH FLOOR ELEVATION OF THE HOUSE
- 38- NOTE 5 :
THERE IS ALWAYS THE POSSIBILITY THAT CONDITIONS IN THE FIELD MAY BE DIFFERENT FROM THOSE INDICATED IN AN ENGINEERING PERMIT DRAWINGS. THEREFORE, IF DIFFERENT CONDITIONS ARE ENCOUNTERED BEFORE OR DURING CONSTRUCTION, THE ENGINEER OF RECORD SHALL BE NOTIFIED TO REVIEW THE FINDINGS AND MAKE RECOMMENDATIONS AS NEEDED.
- 39- NOTE 6 :
STRUCTURAL ENGINEER MUST CERTIFY OR DESIGN REPLACEMENT ANCHOR AND DEADMAN SYSTEM FOR SEAWALL WITH IN 15 FEET OF POOL SEAWALL ANCHOR SYSTEM INSTALLATION MUST BE COMPLETE PRIOR TO START OF POOL CONSTRUCTION.
- 40- NOTE 7 :
NO DIVING BOARD AND NO DIVING IS ALLOW ON ANY POOL. LESS THAN 8 FEET DEEP AND SPECIFICALLY DESIGN FOR DIVING
- 41- BONDING - - CONCRETE POOLS
IN POOL AREA GROUND ALL BOXES, RAILS, LIGHT (IF REQUIRED BY MANUFACTURER), MOTOR ETC. IN CONTINUOUS SINGLE #6 AVG BARE COPPER WIRE TO BE BURIED TO A MIN. 4" TO 6" BELOW SUBGRADE)
- 42- NOTE 8 :
IT IS THE CONTRACTOR RESPONSIBILITY TO PROVIDE THE ENGINEER WITH AN ACCURATE SURVEY AND DRAWINGS THAT REPRESENTS THE EXISTING FIELD CONDITIONS, I.E. ADDITIONS, TREES, AC PADS, YALKWAYS, ETC.
- 43- GFCI PROTECTION
GFCI PROTECTION : OUTLETS SUPPLYING POOL PUMP MOTORS FROM BRANCH CIRCUITS WITH SHORT CIRCUIT AND GROUND -FAULT PROTECTION RATED 15 OR 20 AMPERES, 125 VOLT OR 240 VOLT SINGLE PHASE WHETHER BY RECEPTACLE OR DIRECT CONNECTION SHALL BE PROVIDED WITH GROUND-FAULT CIRCUIT-INTERRUPTER PROTECTION FOR PERSONNEL PER NEC 2008 680.22 (B)

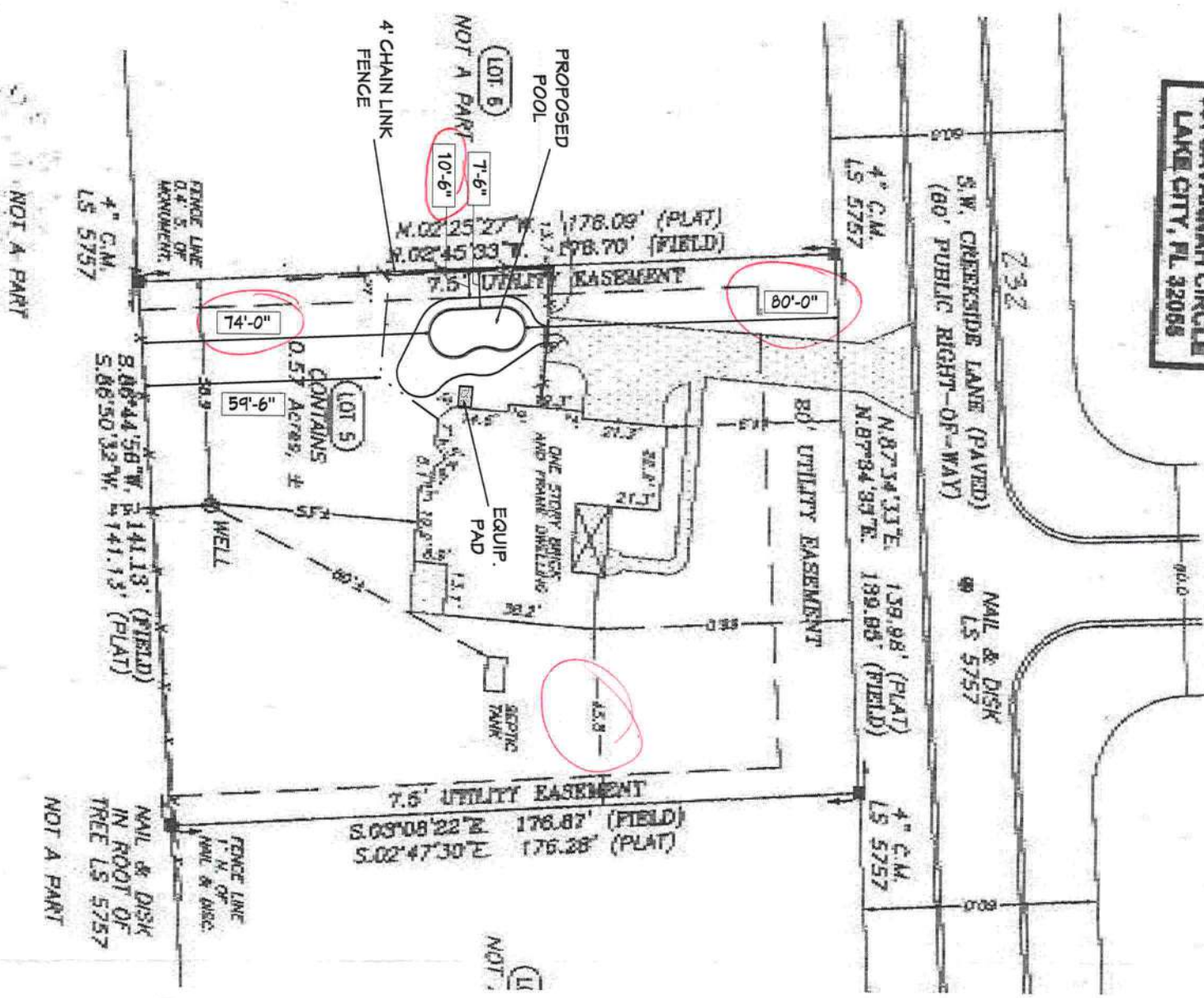


OUTBACK POOLS
831 SAVANNAH CIRCLE
LAKE CITY, FL 32055

OUTBACK POOLS
831 SAVANNAH CIRCLE
LAKE CITY, FL 32055

BOUNDARY SURVEY
IN SECTION 12,
TOWNSHIP 4 SOUTH,
RANGE 16 EAST,
COLUMBIA COUNTY, FLA.

SIGNED
MARK D. DUREN, LS 4708



DESCRIPTION:
LOT 5 OF "CREEKSIDE" AS PER PLAT THEREOF RECORDED IN PLAT BOOK
7, PAGES 124 AND 125 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY,
FLORIDA.

- SURVEYOR'S NOTES:
1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE
 2. RETRACEMENT OF PLAT OF RECORD.
 3. BEARINGS BASED ON PLAT OF RECORD USING MONUMENTS FOUND FOR
 4. THE NORTH LINE THEREOF.
 5. THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE
 6. 500 YEAR FLOOD PLAIN AS PER FLOOD INSURANCE RATE MAP, DATED
 7. JANUARY 6, 1988, COMMUNITY PANEL NO. 120070 0175 B.
 8. NO EASEMENT FOR DRAINAGE IS SHOWN ON THIS LOT
 9. ACCORDING TO PLAT OF RECORD.
 10. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE
 11. AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
 12. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES
 13. WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
 14. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL
 15. OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
 16. CLOSURE OF FIELD SURVEY IS BETTER THAN 1/10,000.
 17. CERTIFIED TO:

CHARLES B. AND WENDY L. SAUNDERS
FIRST FEDERAL SAVINGS BANK OF FLORIDA
ABSTRACT AND TITLE SERVICES, INC.
CHICAGO TITLE INSURANCE COMPANY

SYMBOL LEGEND

- CONCRETE MONUMENT FOUND
- CONCRETE MONUMENT SET, LS 4708
- IRON PIN OR PIPE FOUND
- 5/8" IRON ROD SET, LS 4708
- WIRE FENCE
- ELECTRIC UTILITY LINE (OVERHEAD)
- CABLE TV LINE (OVERHEAD)
- CHAIN LINK FENCE
- WOODEN FENCE
- CMP CORRUGATED METAL PIPE
- REINFORCED CONCRETE PIPE
- LAND SURVEYOR
- LICENSED BUSINESS
- OFFICIAL RECORD BOOK
- PERMANENT REFERENCE MONUMENT
- PERMANENT CONTROL POINT
- UTILITY POLE
- RIGHT-OF-WAY
- NO ID.
- NO IDENTIFICATION
- FLA. DEPT. OF TRANSPORTATION
- CONCRETE MONUMENT
- IRON ROD
- IRON PIPE



REVISED 2/2/03 TO SHOW SEPTIC TANK.

MARK D. DUREN, P.S.M.
LS 4708
1604 S.W. SISTERS WELCOME ROAD
LAKE CITY, FLA. 32025
(386) 758-9831 OFFICE
(386) 758-8010 FAX

FIELD SURVEY DATE: JANUARY 28, 2003
DATE DRAWN: FEBRUARY 1, 2003
FIELD BOOK: 143 PAGE: 10
DRAWN BY: MARK D. DUREN
W0# 05-065
REV 04-08

General Notes

General

The swimming pools and spas consist of one-piece fiberglass construction shop-formed over a mold. The material is fiberglass reinforced plastic (FRP), a minimum of 1/4 inch (6.4 mm) thick, composed of isophthalic resin, vinyl ester resin, and fiberglass. The surface finish is a neo pentyl glycol gel coat. Viking Pools produces various styles of swimming pools and spas. When installed in accordance to Viking Pools installation procedures, the pools and spas comply with applicable requirements of the following codes:

- 2009 International Building Code® (IBC)
- 2009 International Residential Code (IRC)
- 1997 Uniform Building Code (UBC)
- BOCA® National Building Code/2003 (BNBC)
- 2006 International Plumbing Code® (IPC)
- 2006 IAPMO Uniform Plumbing Code (UPC)*
- 2003 ANSI/NSPI-5 Residential Inground Swimming Pools
- 1999 ANSI/NSPI-3 Spa
- 2010 California Building Code
- 2010 California Residential Code
- 2010 California Mechanical Code
- 2010 California Electrical Code
- 2010 California Fire Code
- 2010 California Energy Code
- 2010 California Plumbing Code
- 2007 Florida Plumbing Code
- 2007 Florida Fuel/Gas Code
- 2007 Florida Mechanical Code
- 2007 Florida Residential Code
- 2006 ANSI/APSP-7
- 2007 ANSI/ASME-A112.19.8
- 2008 National Electric Code (NEC)
- 98-76 Building Administrative Code

The overall pool dimensions, depths and capacities are shown in Table 1 and Table 4. The units comply with ANSI/NSPI-5, specified in Section AG103.1 of the IRC, and IAPMO IGC-2000*, specified in the UPC.

Models described in Table 2, Table 3, and Table 4 can be placed up to 19-1/2 inches (49.5mm) above ground. These pools and spas may be placed with or without concrete or wood decking. Unless elevated portions of the units are protected from sunlight by soil berms, decking, etc., these portions must be coated with a UV-inhibiting opaque paint that is compatible with the laminate.

All plumbing must comply with the IPC or UPC. Electrical work must comply with the code in effect at the construction site. The pool and spa must remain full of water at all times. A permanent sign, bearing the following statement, must be attached to the pumping equipment:

Notice-The pool or spa is designed to remain full of water at all times. The pool shell may be damaged if the water level is allowed to drop below the skimmer. When appreciable draw-down is noticed or if it becomes necessary to drain the pool or spa, contact Viking Pools or its dealers for instructions.

A permanent label must be installed adjacent to the above sign indicating the Viking Pools dealer's name, address and telephone number.

Installation Procedure:

Viking pools and spas may be installed without a soil investigation by a registered design professional(RDP), subject to the building officials approval, provided none of the following conditions are encountered at the site:

1. The existence of uncontrollable groundwater within the depth of the pool or spa excavation.
 2. The existence of an uncompacted fill in contact with any portion of the pool or spa.
 3. The existence of expansive or adobe-type soils.
 4. The existence of any soil types with an angle of repose that will not support the walls of theexcavation at desired slopes.
 5. Danger to adjacent structures posed by the proposed pool or spa location.
 6. The existence of any cracks or openings in soil that would not confine sand bedding.
- If any of the conditions above is encountered, excavation must cease immediately. The specified conditions at the site must then be

reviewed and recommendations made by the RDP. The building official must approve the RDP's report before work is completed.

The pool or spa excavation profile must coincide with the contours of the pool. The over excavation is minimum 6 inches (152mm) on the sides and ends. The over excavation at the pool bottom is minimum 4 inches (102mm). The backfill for the pool or spa bottom is a layer of 3-inch-thick (76mm) bedding sand matching the pool or spa profile.

This sand layer is compacted using a manual tamper and water. The pool or spa is then set into place using a crane, excavator or manually and be within 1 inch (25mm) of level. Simultaneous waterfill and sand backfill operations then commence. The sand is compacted with a tamper and water. The installer must ensure that the backfill level and water level are approximately the same throughout this procedure.

After completion of the backfill and plumbing, the decking is placed. Decks are prepared as indicated in Figures 1 through 4:

1. Cantilevered concrete decks are constructed as noted in Figure 1 in all cases.
 2. Cantilevered decks are constructed with brick or stone as noted Figure 2 in all cases.
 3. Raised bond beams are constructed as noted in Figure 3 in all cases.
 4. Aboveground installations are constructed as noted in Figure 4 in all cases.
- Barriers are required where pools are on premises of IBC Group R, Division 3, Occupancies or IBC Group R Occupancies. The barriers must comply with Appendix Chapter 4, Division 1, of the UBC or Section 3109.4 of the IBC

BOCA® National Building Code/2003 (BNBC):

Viking pools and spas may be used as public swimming pools or private swimming pools, in connection with Group R-3 Occupancies only. In addition to other requirements in this report, swimming pools used under the BNBC must satisfy the following items:

1. Location: Swimming pool and spa walls shall maintain distances from property lines required in Section 421.4 of the BNBC.
2. Construction: Requirements in Section 421.5 of the BNBC, concerning slopes, cleaning devices, walkways, steps and ladders, must be observed.
3. Water Supply: The water supply and drainage must comply with Section 421.6 of the BNBC.
4. Barriers: Barriers for private swimming pools must comply with requirements in Section 421.10 of the BNBC.
5. Diving Boards: Diving board distances and water depths must comply with Section 421.11 of the BNBC.

Identification:

Viking pools and spas are identified by the following information imprinted on the top step of the pool or spa: manufacturer's name (Viking Pools) and address, pool or spa model designation, a coded serial number and the evaluation report number (ESR-2014). The units also bear the label of the quality control agency, Columbia Research & Testing Corporation (AA-527).

Findings: That the fiberglass one piece swimming pools and spas are in compliance with the above listed codes as noted in ESR-2014 subject to the following conditions.

1. The construction and pool/spa installation comply with this report and the manufacturer's instructions.
2. Electrical and plumbing installation comply with the respective codes in effect at the construction site.
3. That all pools are installed in accordance with manufacturer's recommendations.
4. The pools and spas produced by Viking Pools Northeast, Inc., 176 Viking Drive Industrial Park, Jane Lew, West Virginia; Viking Pools Central, Inc., 10600 West Interstate 20 East, Midland, Texas; and Viking Pools, Inc., 121 Crawford Road, Williams, California; Viking Pools Southeast, 40119 County Road 54E, Zephyrhills, FL are manufactured under a quality control program with inspections by Columbia Research & Testing Corporation (AA-527).

Expansive soils:

For installation of pools or spas in expansive soils, the following additional installation details must be followed subject to code official's approval:

1. All surfaces adjacent to the pool or spas must be excavated to a minimum depth of 12 inches (305 mm) beneath the pool bottom and minimum 6 inches (152 mm) behind the pool walls.
2. Any soft or loose soils exposed by step 1 must be removed until exposed material is solid. If the soil is still soft and loose, the upper 6 inches (152 mm) of all horizontal excavation surfaces must be scarified and compacted with mechanical equipment. The compacted surfaces and the excavated wall surfaces must be maintained in a moist condition until the first lift of backfill or fill is placed against the surface. The term compaction implies any method necessary to consolidate the native and fill materials to keep the pool or structure from settling.
3. The excavated bottom area of the pool or spa must be backfilled with granular import material to approximately 6 inches (152 mm) below the bottom of the pool or spa, wetted and compacted.
4. The remaining 6 inches (152 mm) must be backfilled beneath the pool or spa and outside the pool walls with compacted clean sand. The pool or spa must be filled with water as backfilling progresses to a level equivalent to that of the backfill. The backfill must be placed in compacted layers of approximately 6 inches (152 mm) while a uniform height of backfill is maintained around the pool or spa.
5. Positive surface drainage away from the perimeter of the pool and surrounding deck is required and critical to installations in highly expansive soils. Surface area drains and surface drainage swales or subdrains must be placed as needed to prevent ponding or saturation of the soil around the perimeter and vicinity of the pool to prevent excessive shrink-swell or volume changes in the soil.

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Page 3	Figures 1-4
Page 4	Pool Models
Page 5	Pool Models Continued
Page 6	Hydro Zone Models
Page 7	Spa Models
	Alternative Recirculation Systems

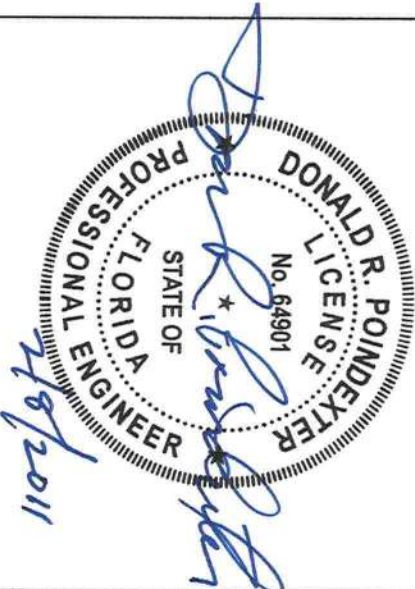
Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines.



Reviewed by:

Donald R. Poindexter, PE
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Bodega Bay, CA 94923
Phone / Fax 707-875-2111

Seal:



Project Name and Address
Brian + Wendy Saunders
232 S.W. CREEKSIDE LN
LAKE CITY, FL - 32024
Contractor
OUTBACK POOLS / Robert Milner
931 N.W. SAVANNAH CIRCLE
LAKE CITY, FL - 32055
Date MAY 20, 2011

Viking Pools

ICC Evaluation Report Number (ESR-2014)

Jane Lew, WV Phone: (304) 884-6954 Fax: (304) 884-7198
Midland, TX Phone: (432) 561-9933 Fax: (432) 561-9934
Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393
Zephyrhills, FL Phone: (813) 783-7439 Fax: (813) 783-7214

TABLE 1- POOLS

POOL	CODE	SIZE	DEPTHS	GALLONS APPROX.	PAGE NUMBER	POOL TYPE
Acapulco	AC	16', 39'	3'-6", 6'	16,700	3	Type 0
Atlantis	LBBST	12', 15'	4'	2,500	4	Type 0
Bahamas	MFF	8'-9", 14'-3"	4'	2,100	4	Type 0
Baja	SFF	11'-10", 24'	3'-8", 5'-6"	9,000	4	Type 0
Barbados	BBD	9'-6", 21'	4'	4,000	4	Type 0
Bermuda	AL	12', 26'	3'-6", 5'-6"	7,000	4	Type 0
Cape Coral	SK	9'-10", 19'-9"	3'-2", 5'	2,750	4	Type 0
Cancun	CC	16', 35'	3'-6", 6'-6"	15,000	3	Type 0
Caribbean	MR	16', 40'	3'-6", 6'-6"	22,000	3	Type 0
Carmel	FF	13'-8", 30'	3'-6", 6'	12,000	3	Type 0
Chesapeake	CP	12', 31'	3'-11", 5'	10,500	4	Type 0
Cleaverwater	SP	10'-11", 20'	3'-5", 5'	3,600	4	Type 0
Delray	B	11'-10", 25'-5"	4'-6"	8,100	4	Type 0
Fiji	FJI	15', 34'	3'-6", 6"	12,000	3	Type 0
Freeport	FP	12', 25'-1"	3'-7", 5'-5"	6,000	4	Type 0
Gulf Coast	GC	15'-10", 39'-7"	3'-5", 7'-11"	19,600	3	Type 1
Gulf Shores	GS	15'-7", 34'-8"	3'-7", 5'-10"	15,000	3	Type 0
Island Breeze II	BN	16', 40'	3'-6", 8'	22,000	3	Type 1
Key West	BFF	12', 25'-7"	3'-7", 6'	9,000	3	Type 0
Laguna	LG	14', 30'	3'-6", 6'	14,800	3	Type 0
Laguna Deluxe	LGX	14', 30'	4', 6'	9,000	3	Type 0
Lake Shore	CD	16', 33'	3'-7", 5'-5"	15,000	3	Type 0
Maui	MTK	9'-3", 16'	3'-4", 4'	2,300	4	Type 0
Mediterranean	BP	15'-8", 38'	3'-7", 5'-11"	17,000	3	Type 0
Montego	MT	14', 35'	3'-7", 5'-7"	12,400	4	Type 0
Monterey	MK	14'-4", 27'-7"	3'-7", 5'-10"	10,000	3	Type 0
Oahu	MLL	8'-5", 15'-10"	4'	2,200	4	Type 0
Ocean Breeze	OB	16', 40'	3'-6", 5'-8"	18,900	3	Type 0
Panama	BL	11'-10", 35/45'	4'-6"	Varies	3	Type 0
Poseidon	PS	16', 40'	3'-6", 7'	23,000	3	Type 0
Rio	BPD	15'-8", 39'	3'-7", 8'	20,000	3	Type 1
Rockport	RP	14', 30'	3'-7", 5'-11"	12,800	3	Type 0
Santa Barbara	RS	14', 30'	3'-6", 6'-6"	12,500	4	Type 0
Santa Cruz	SL	7'-6", 39'	4'	6,500	4	Type 0
Sea Breeze	K	14'-8", 33'-9"	3'-5", 8'-2"	16,000	3	Type 0
St. Thomas	L	14', 31'-6"	3'-7", 7'	13,700	3	Type 0
Sun Coast	BKD	12'-3", 23'-11"	3'-6", 5'	6,000	4	Type 0
Triton	TN	14', 30'	3'-7", 5'-11"	13,500	3	Type 0
Trinidad	TND	16', 44"	3'-6", 7'	19,300	3	Type 0
Tropicana	MP	9'-6", 14'-6"	4'	2,500	4	Type 0

TABLE 2- POOLS

ABOVE GROUND INSTALLATION	
CODES	CODES
NP	FP
MFF	MK
MLL	SP
MTK	BKD
DXL	LBBST
B	SK

TABLE 3- SPAS

SPA	CODE	SIZE	DEPTHS	GALLONS APPROX.	Page Number
Mystic	M	10' x 10'	3'-4"	550	5
Mystic Spillover	MSW	10' x 11'	3'-4"	550	6
Mystic Spash	MSP	10' x 11'	1'-6"	325	6
Placid	BOS	8'-4" x 8'-4"	3'	475	6
Placid Spillover	BOSSW	8'-4" x 9'-4"	3'	475	6
Placid Spash	BOSSP	8'-4" x 9'-4"	1'-6"	270	6
Regal	RG	8' x 10'	3'-4"	600	6
Regal Spillover	RGSW	9' x 10'	3'-4"	600	6
Regal Spash	RGSP	9' x 10'	1'-7"	470	6
Royal	RY	8' x 10'	3'-4"	600	6
Royal Spillover	RYSW	8'-10" x 10'	3'-4"	600	6
Royal Spash	RTSP	8'-10" x 10'	1'-6"	330	6
Shasta	LRS	7' x 7'	3'	420	6
Shasta Spillover	LRSSW	7' x 8'	3'	420	6
Shasta Spash	LRSSP	7' x 8'	1'-6"	180	6
Superior	CS	8' x 12'-5"	3'	700	6
Superior Spillover	CSSW	9' x 12'-5"	3'	700	6
Superior Spash	CSSP	9' x 12'-5"	1'-6"	430	6
Tahoe	LOS	7'-6" x 7'-6"	3'	450	6
Tahoe Spillover	LOSSW	7'-6" x 8'-6"	3'	450	6
Tahoe Spash	LOSSP	7'-6" x 8'-6"	1'-6"	220	6

TABLE 4- POOLS

POOL	CODE	SIZE	DEPTHS	GALLONS APPROX.	PAGE NUMBER	POOL TYPE
HZA	HZA	8'-6" x 18'	6'	4500	4	Type 0
HZB	HZB	8'-6" x 18'	5'-6", 6'	4300	4	Type 0
HZC	HZC	8'-6" x 18'	5'-6"	4050	4	Type 0
HZD	HZD	8'-6" x 18'	5', 5'-6"	3850	4	Type 0
HZDXL	HZDXL	8'-6" x 18'	3'-3", 5'	3000	4	Type 0
HZE	HZE	8'-6" x 18'	5'	3600	4	Type 0
HZF	HZF	8'-6" x 18'	4'-6", 5'	3400	4	Type 0
HZG	HZG	8'-6" x 9'	4'-6"	1200	4	Type 0
HZH	HZH	8'-6" x 9'	5'	1350	4	Type 0

NOTES

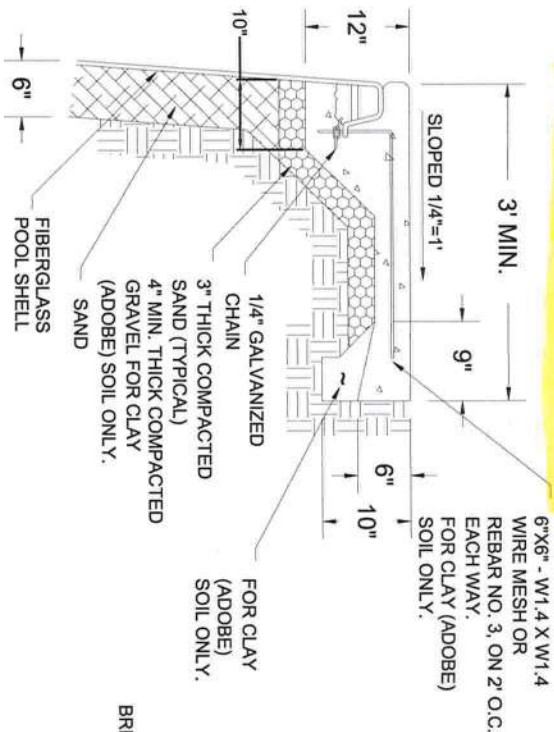
Viking Pools

ICC Evaluation Report Number (ESR-2014)

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FIG. 1

TYPICAL CANTILEVER CONCRETE DECK



Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines.

FIG. 2

CONCRETE DECK WITH BRICK OR STONE

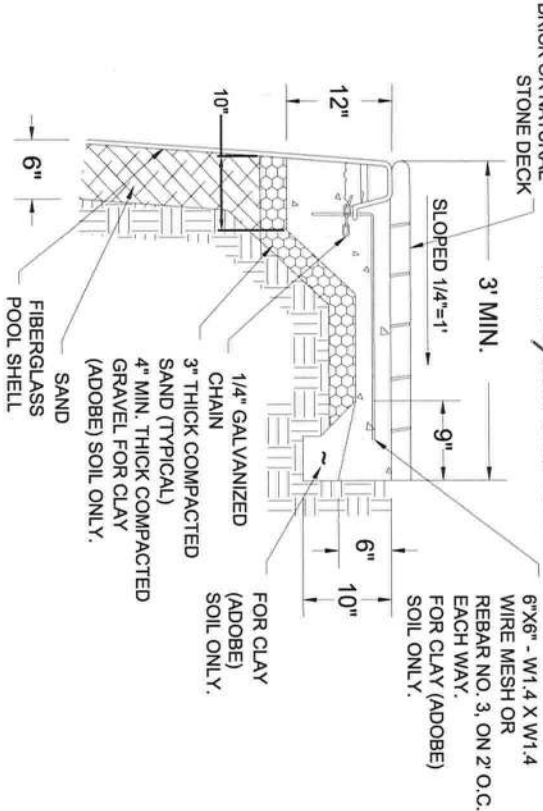


FIG. 3

TYPICAL BOND BEAM CONSTRUCTION

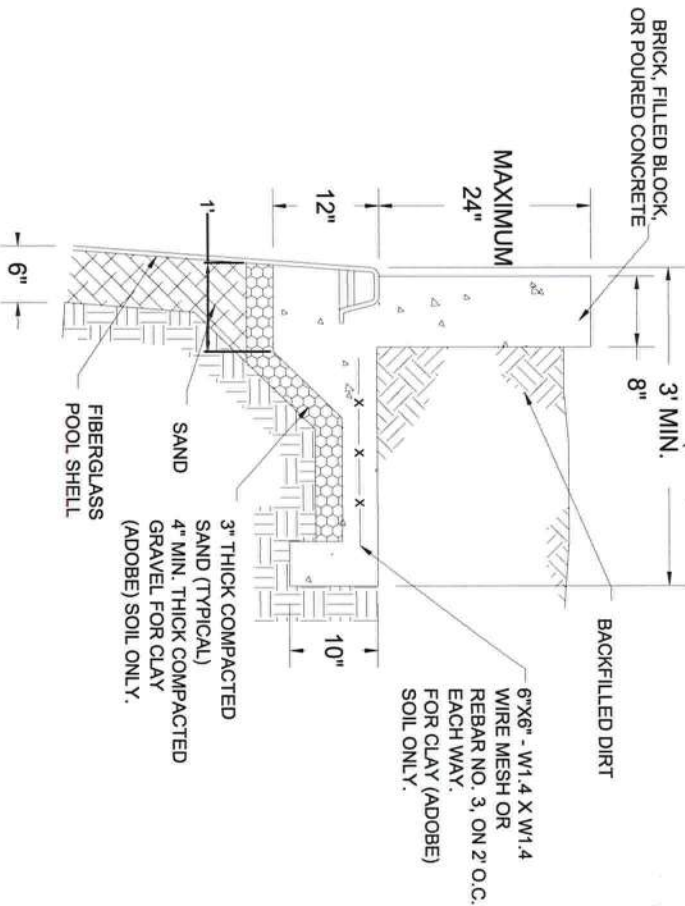
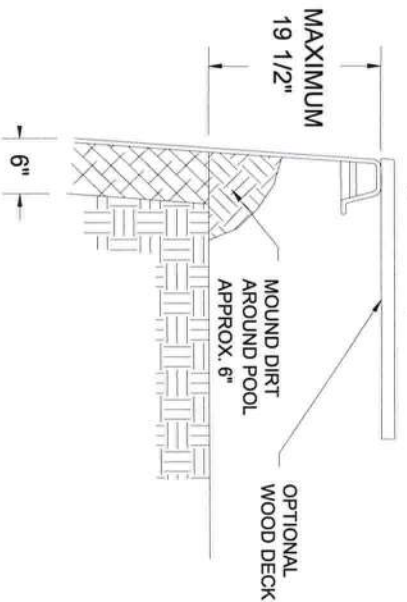


FIG. 4

TYPICAL ABOVE-GROUND INSTALLATION



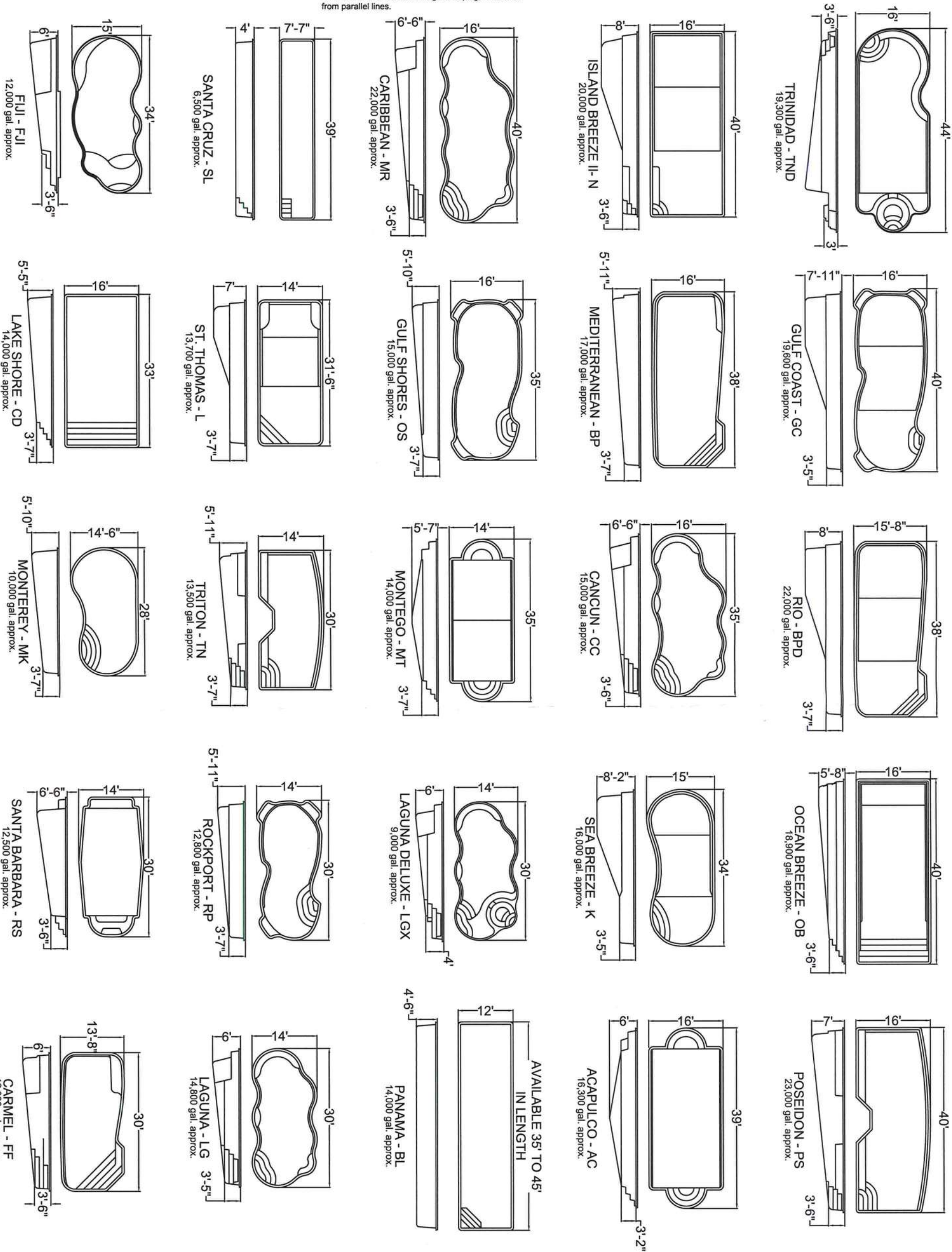
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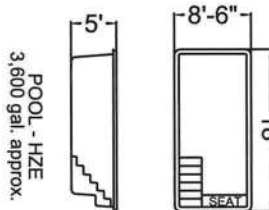
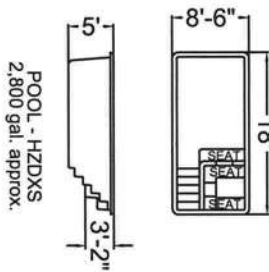
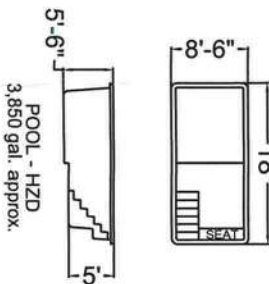
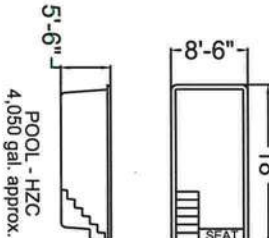
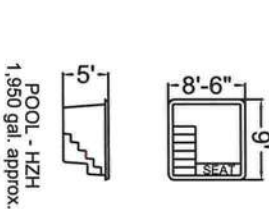
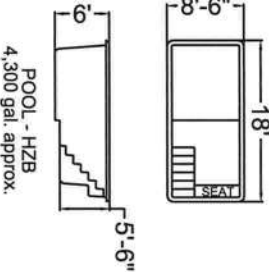
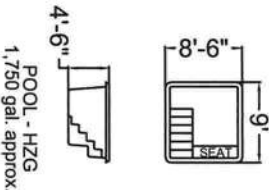
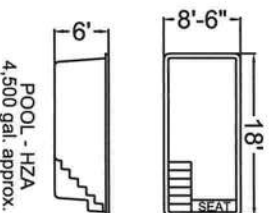
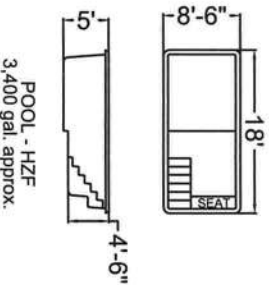
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Viking Pools

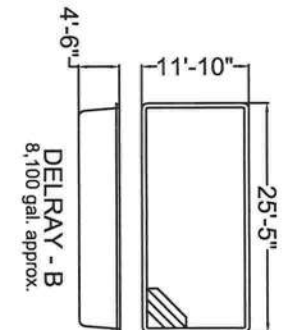
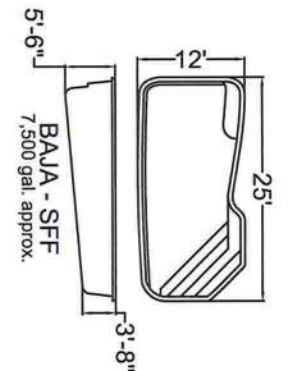
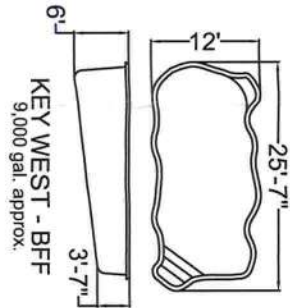
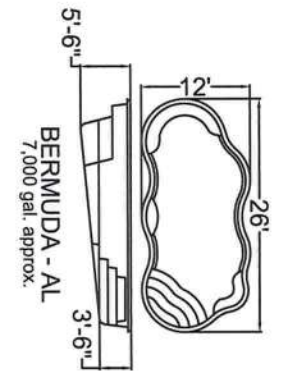
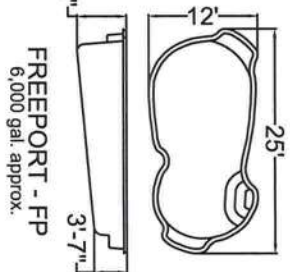
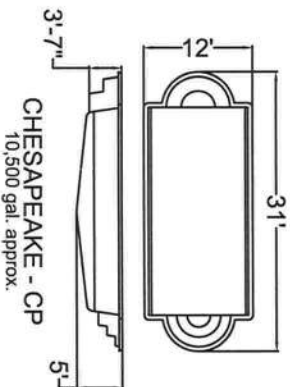
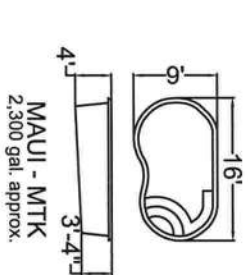
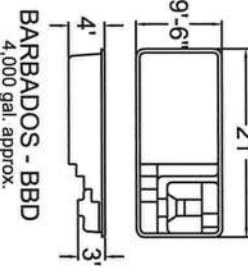
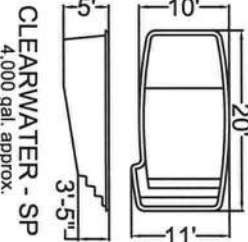
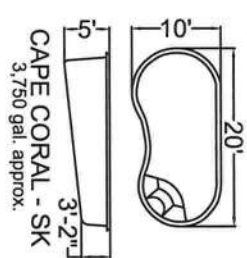
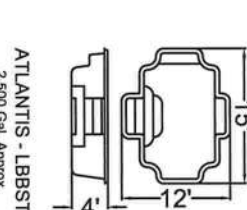
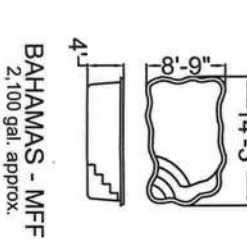
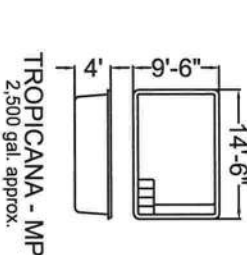
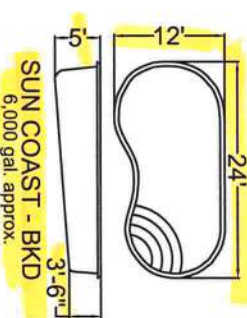
ICC Evaluation Report Number (ESR-2014)

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Williams, CA Phone: (530) 473-5319 Fax: (530) 473-5393
Zephyrhills, FL Phone: (813) 783-7439 Fax: (813) 783-7214

Length, width and depth may vary up to 3% - all dimensions are to outside edge of coping, measured from parallel lines.



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NOTES

Notes section with horizontal lines for text entry.

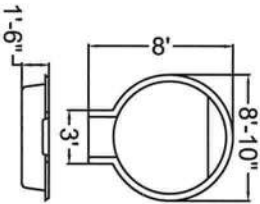
Viking Pools

ICC Evaluation Report Number (ESR-2014)

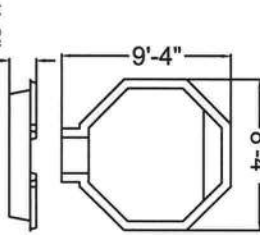
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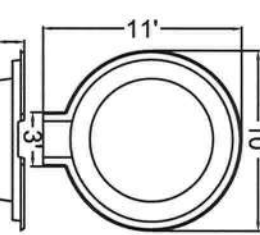
SHASTA SPLASH- LRSSP
200 Gal. Approx.



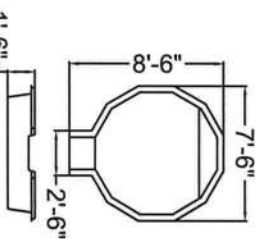
PLACID SPLASH- BOSSP
250 Gal. Approx.



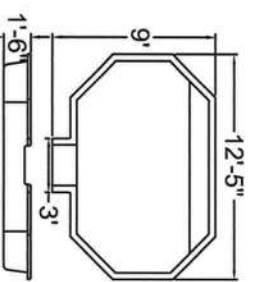
MYSTIC SPLASH- MSP
300 Gal. Approx.



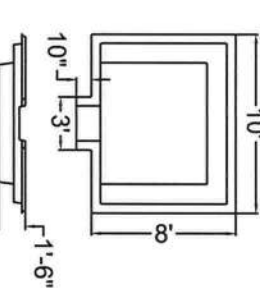
TAHOE SPLASH- LOSSP
200 Gal. Approx.



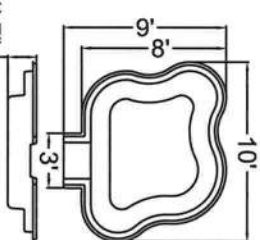
SUPERIOR SPLASH- CSSP
350 Gal. Approx.



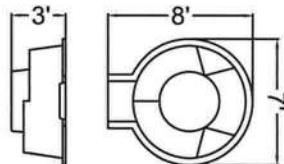
ROYAL SPLASH- RSP
250 Gal. Approx.



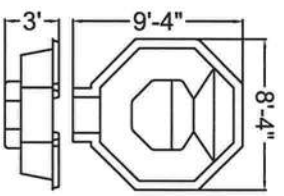
REGAL SPLASH- RGSP
200 Gal. Approx.



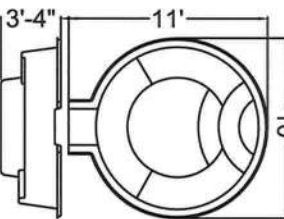
SHASTA SPILLWAY - LRSSW
420 Gal. Approx.



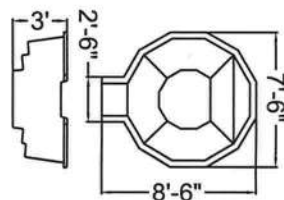
PLACID SPILLWAY- BOSSW
475 Gal. Approx.



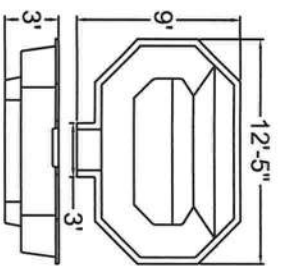
MYSTIC SPILLWAY- MSW
550 Gal. Approx.



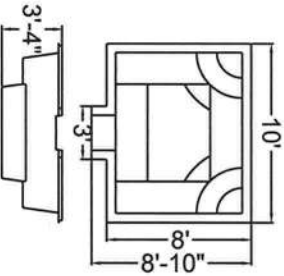
TAHOE SPILLWAY- LOSSW
450 Gal. Approx.



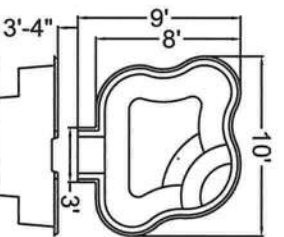
SUPERIOR SPILLWAY- CSSW
700 Gal. Approx.



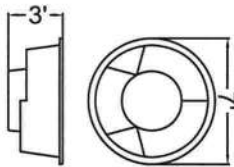
ROYAL SPILLWAY- RSW
550 Gal. Approx.



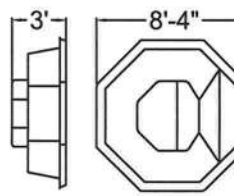
REGAL SPILLWAY- RGSW
450 Gal. Approx.



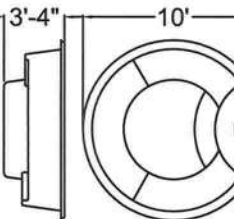
SHASTA - LRS
420 Gal. Approx.



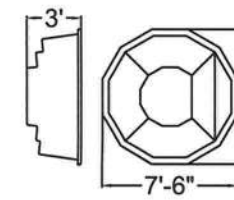
PLACID - BOS
475 Gal. Approx.



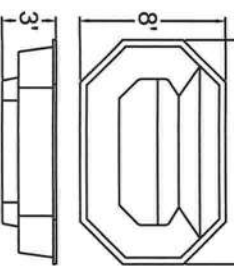
MYSTIC - M
550 Gal. Approx.



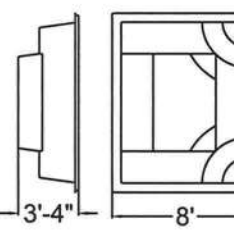
TAHOE - LOS
450 Gal. Approx.



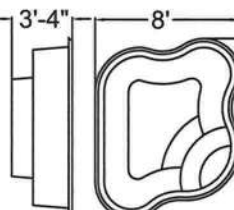
SUPERIOR - CS
700 Gal. Approx.



ROYAL - RY
550 Gal. Approx.



REGAL - RG
450 Gal. Approx.



NOTES

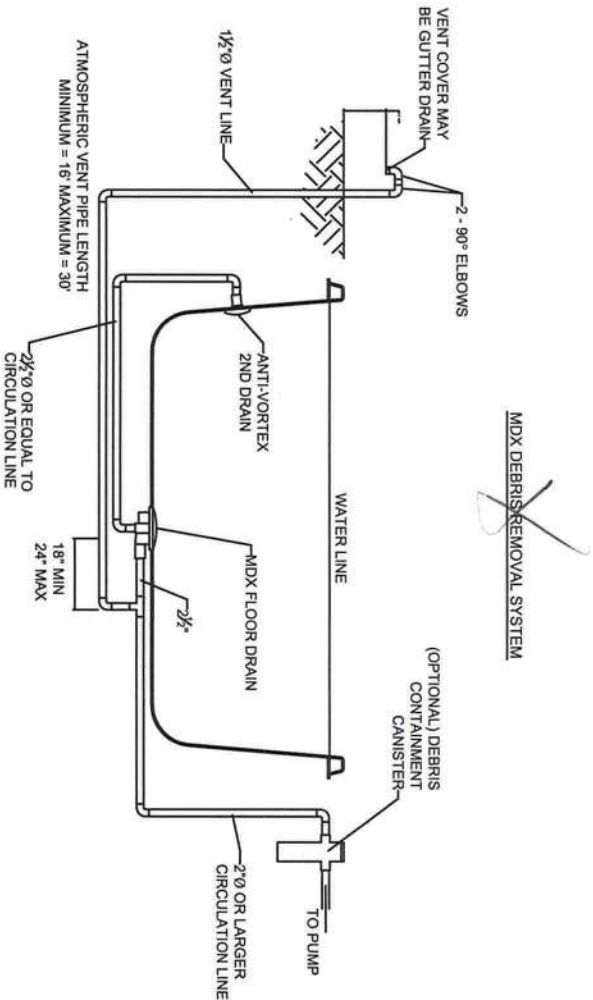
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Viking Pools

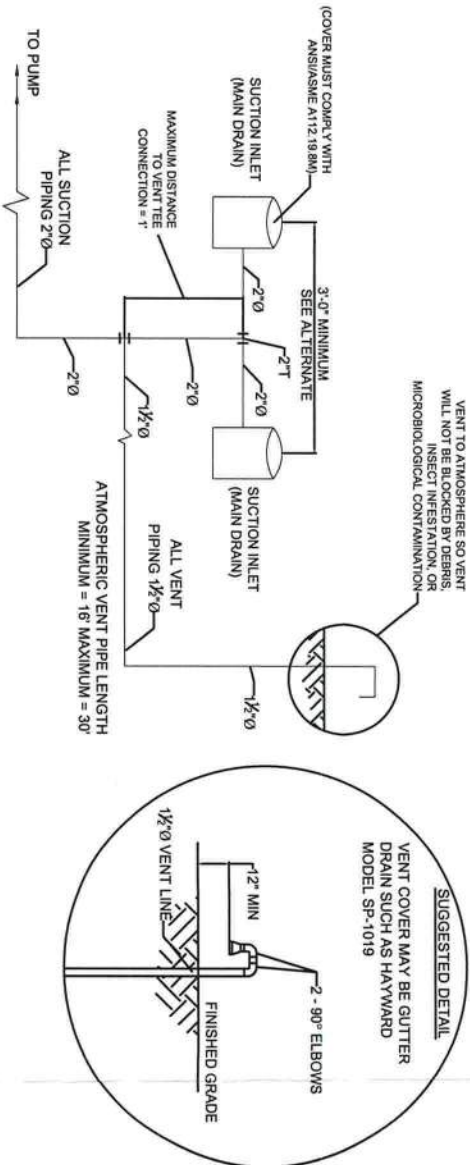
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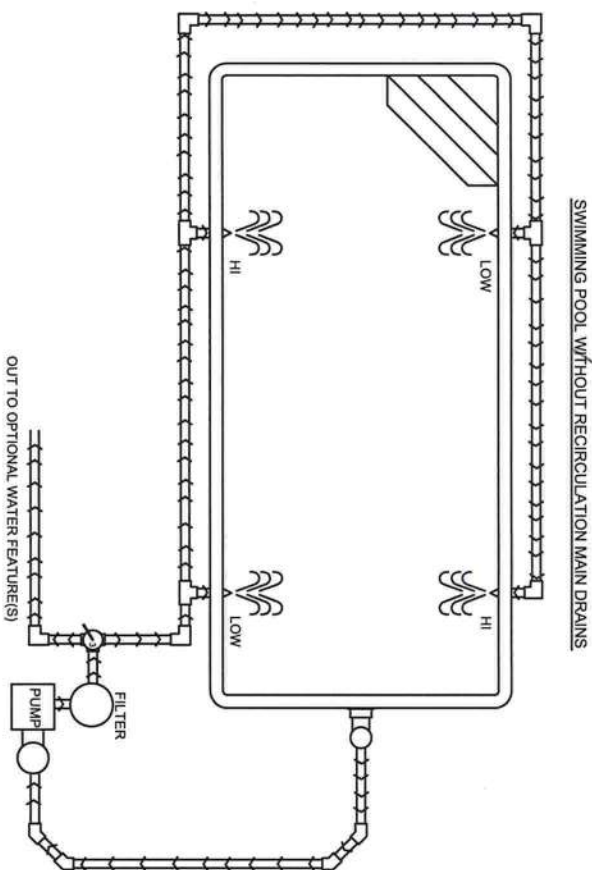
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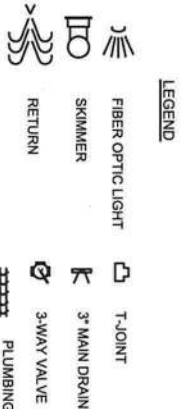
- GENERAL NOTES
1. THE MDX DEBRIS REMOVAL SYSTEM IS TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURE'S RECOMMENDATIONS.
 2. CONTRACTOR TO INSTALL VACUUM RELIEF BACKUP SYSTEM IN ACCORDANCE WITH SECTION 424.2.6.6 FBC-BUILDING 2007 AND SECTION R4101.6.6 FBC-RESIDENTIAL 2007.
 3. ALL PIPING TO BE SCHEDULE 40 PVC BEARING NSF APPROVAL UNLESS OTHERWISE NOTED.
 4. THE FLOOR DRAIN MEETS THE REQUIREMENTS OF ANSI/ASSE A112.19.8-2007 AND DRAIN COVERS MEET THE REQUIREMENTS OF ANSI/ASSE A112.19.8-2007 FOR ANTI-HAIR AND BODY ENTRAPMENT AND ANSI/APSP-7 2006 STANDARD.
 5. THIS DRAWING WILL SUPPLEMENT CONTRACTOR'S SPECIFICATION DRAWING ON FILE. FOR METHODS AND MATERIALS OF CONSTRUCTION, REFER TO CONTRACTOR'S ENGINEERED AND SEALED SPECIFICATION DRAWING ON FILE WITH THE BUILDING DEPARTMENT.



DUAL SUCTION INLET SYSTEM & ATMOSPHERIC VENT SYSTEM
TO BE INSTALLED IN ACCORD WITH SECT 424.2.6.6 2007 FLORIDA BUILDING CODE: BUILDING AND SECT R4101.6.6 2007 FLORIDA BUILDING CODE: RESIDENTIAL AND ANSI/APSP-7 2006 STANDARD.



- STANDARD NOTES
1. USE 2" SCHEDULE 40 PIPE.
 2. DO NOT USE 90 DEGREE ELBOWS ON SUCTION SIDE.
 3. CHECK VALVES MAY BE NEEDED IF EQUIPMENT IS MORE THAN 18" ABOVE WATER LINE.
 4. KEEP VALVES WITHIN 5' OF THE PUMP AND/OR FILTER.



ATTACH PLACARD WHICH STATES THAT VENT IS A SWIMMING POOL SAFETY DEVICE AND SHOULD NOT BE TAMPERED WITH.

DRAWING TO SUPPLEMENT CONTRACTOR'S SPECIFICATION DRAWING ON FILE

AN APPROVED VACUUM RELEASE SYSTEM SUCH AS THE VAC-ALERT SVRS SYSTEM IS AN ALTERNATIVE TO THE OTHER SYSTEMS SHOWN.

ALTERNATIVE SUCTION INLET SYSTEM MAY INCLUDE T ON THE BOTTOM AND ONE ON THE VERTICAL WALL OR ONE EACH ON TWO (2) SEPARATE VERTICAL WALLS

THE MAXIMUM VACUUM WITH ONE SUCTION INLET SHALL NOT EXCEED 1.5 PSI. A BODY ENTRAPMENT ON THE OTHER SUCTION WILL NOT EXCEED 4.5 INCHES OF MERCURY IN 3 SECONDS.

MAXIMUM SUCTION PIPE VELOCITY SIX (6) FPS OR 59 GPM

NOTES

Viking Pools

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DATE 06/01/2011

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000029446

APPLICANT ROBERT MILNER PHONE 386-292-9295
ADDRESS 931 NW SAVANNAH CIRCLE LAKE CITY FL 32024
OWNER BRIAN & WENDY SAUNDERS PHONE 386-288-3523
ADDRESS 232 SW CREEKSIDE LANE LAKE CITY FL 32024
CONTRACTOR ROBERT MILNER PHONE 386-292-9295
LOCATION OF PROPERTY 90W, TL ON SISTERS WELCOME, TR ON CREEKSIDE DR., LOT ON
LEFT
TYPE DEVELOPMENT SWIMMING POOL ESTIMATED COST OF CONSTRUCTION 24400.00
HEATED FLOOR AREA TOTAL AREA HEIGHT STORIES
FOUNDATION WALLS ROOF PITCH FLOOR
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirements: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 1 FLOOD ZONE NA DEVELOPMENT PERMIT NO.

PARCEL ID 12-4S-16-02939-105 SUBDIVISION CREEKSIDE
LOT 5 BLOCK PHASE UNIT 0 TOTAL ACRES 0.57

CPC1456862
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
EXISTING NA BK TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: NOC ON FILECheck # or Cash 1461

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power Foundation Monolithic
date/app. by date/app. by date/app. by
Under slab rough-in plumbing Slab Sheathing/Nailing
date/app. by date/app. by date/app. by
Framing Insulation
date/app. by date/app. by
Rough-in plumbing above slab and below wood floor Electrical rough-in
date/app. by date/app. by
Heat & Air Duct Peri. beam (Lintel) Pool
date/app. by date/app. by date/app. by
Permanent power C.O. Final Culvert
date/app. by date/app. by date/app. by
Pump pole Utility Pole M/H tie downs, blocking, electricity and plumbing
date/app. by date/app. by date/app. by
Reconnection RV Re-roof
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 125.00 CERTIFICATION FEE \$ 0.00 SURCHARGE FEE \$ 0.00
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ CULVERT FEE \$ TOTAL FEE 175.00
INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECEIVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECEIVED AN APPROVED INSPECTION WITHIN 180 DAYS OF THE PREVIOUS INSPECTION.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.