

DATE 05/08/2009

## Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000027796

APPLICANT ROBERT MILNER PHONE 386.292.9295

ADDRESS 931 NW SAVANNAH CR LAKE CITY FL 32055

OWNER JOHN & SUSAN STANFIELD PHONE 386.497.1339

ADDRESS 524 SW NIBLACK AVENUE FT. WHITE FL 32038

CONTRACTOR ROBERT MILNER PHONE 386.292.9295

LOCATION OF PROPERTY 41-S TO C-18,TR TO NIBLACK,TL GO 1/4 MILE TO HOME ON R.

TYPE DEVELOPMENT SWIMMING POOL ESTIMATED COST OF CONSTRUCTION 27895.00

HEATED FLOOR AREA                      TOTAL AREA                      HEIGHT                      STORIES                     

FOUNDATION                      WALLS                      ROOF PITCH                      FLOOR                     

LAND USE & ZONING A-3 MAX. HEIGHT                     

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 1 FLOOD ZONE                      DEVELOPMENT PERMIT NO.                     

PARCEL ID 36-6S-16-04076-131 SUBDIVISION PARKER WOODS

LOT 31 BLOCK                      PHASE                      UNIT                      TOTAL ACRES 10.01

CPC1456862

Culvert Permit No.                      Culvert Waiver                      Contractor's License Number                      Applicant/Owner/Contractor                     

EXISTING X-09-125 CFS                      HD                      N                     

Driveway Connection                      Septic Tank Number                      LU & Zoning checked by                      Approved for Issuance                      New Resident                     

COMMENTS: NOC ON FILE.Check # or Cash 1011

## FOR BUILDING &amp; 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                     

Permanent power                      C.O. Final                      Culvert                     

                     date/app. by                      date/app. by                     

Pump pole                      Utility Pole                      M/H tie downs, blocking, electricity and plumbing                     

                     date/app. by                      date/app. by                     

Reconnection                      RV                      Re-roof                     

                     date/app. by                      date/app. by                     

BUILDING PERMIT FEE \$ 140.00 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 190.00

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 RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

**OUTBACK POOLS**  
**931 SAVANNAH CIRCLE**  
**LAKE CITY, FL 32055**

Inst:200912007053 Date:4/29/2009 Time:1:10 PM  
 DC,P.DeWitt Cason,Columbia County Page 1 of 1 B:1172 P:382

PERMIT NUMBER:

**NOTICE OF COMMENCEMENT**

The undersigned hereby given 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 FOLIO NUMBER: R04076-131  
 SUBDIVISION PARKER WOODS SUBDIVISION BLOCK \_\_\_\_\_ TRACT \_\_\_\_\_ LOT 31 BLDG \_\_\_\_\_ UNIT \_\_\_\_\_  
PLAT BOOK 6 PG 81B Columbia County, FL.
2. GENERAL DESCRIPTION OF IMPROVEMENT:  
CONST. OF NEW CONC. Pool, SPA, decking, heat pump/htr. + baby fence
3. OWNER INFORMATION: a. Name SUSAN M. STANFIELD  
 b. Address 524 S.W. Old Niblack AVE., FT. WHITE c. Interest in property FL 32038 owner  
 d. Name and address of fee simple titleholder (if other than Owner) \_\_\_\_\_
4. CONTRACTOR'S NAME, ADDRESS AND PHONE NUMBER:  
OUTBACK POOLS + WATERFALL, INC.  
931 N.W. Savannah Cir. 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:  
N/A
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.**

Susan M Stanfield  
 Signature of Owner or  
 Owner's Authorized Officer/Director/Partner/Manager

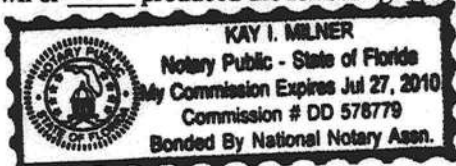
SUSAN M STANFIELD  
 Print Name and Provide Signatory's Title/Office

State of Florida  
 County of Palm Beach

The foregoing instrument was acknowledged before me this 24<sup>th</sup> day of April, 2009

By SUSAN M. STANFIELD, as Property Owner  
 (name of person) (type of authority, ...e.g. officer, trustee, attorney in fact)  
 For OUTBACK POOLS + WATERFALLS, INC.  
 (name of party on behalf of whom instrument was executed)

Personally known or ☒ produced the following type of identification: Drivers License



Kay I. Milner  
 (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(s) of Owner(s) or Owner(s)' Authorized Officer/ Director / Partner/Manager who signed above:

By Susan M Stanfield

By \_\_\_\_\_



**Columbia County Building Permit Application**

**For Office Use Only** Application # 0905-13 Date Received 5/7 By JW Permit # 27796  
 Zoning Official af Date 5/8/09 Flood Zone N/A Land Use A-3 Zoning A-3  
 FEMA Map #    Elevation    MFE    River    Plans Examiner HO Date 5-8-09  
 Comments     
☐ NOC ☐ EH ☐ 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   

Septic Permit No. X-09-125 Fax     
 Name Authorized Person Signing Permit Robert Milner Phone (386) 292-9295  
 Address 931 N.W. SAVANNAH CIR. LAKE CITY, FL. 32055 E, FL. 32055  
 Owners Name SUSAN STANFIELD + John Stanfield Phone (386) 497-1339  
 911 Address 524 S.W. Old Niblack AVE FT. WHITE, FL. 32038  
 Contractors Name Robert Milner / OUTBACK Pools & Water Bills, Inc. Phone (386) 292-9295  
 Address 931 N.W. Savannah Circle, Lake City, FL. 32055  
 Fee Simple Owner Name & Address SUSAN M. STANFIELD 524 S.W. Old Niblack Ave, Ft White, FL. 32038  
 Bonding Co. Name & Address N/A  
 Architect/Engineer Name & Address WAYNE MARKHAM BENNETT 265 S. FED. HWY., DEERFIELD Bch., FL. 33441  
 Mortgage Lenders Name & Address - NONE -  
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy  
 Property ID Number R04076-131 (36-68-16) Estimated Cost of Construction \$ 27,895.00  
 Subdivision Name PARKER WOODS Lot 31 Block    Unit    Phase     
 Driving Directions FROM HWY. 90 & I-75 Go South to Exit # 414 / 441-41 WEST  
5 miles to (CR 18 North Right turn) 3.5 miles to Old Niblack left or  
West 1/4 mile to house on Right Number of Existing Dwellings on Property 1  
 Construction of Concrete Pool + SPA w/ HEAT PUMP & Conc. Decking Total Acreage 10.001 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 250' Side 400' Side 150' Rear 400'  
 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.



**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.

Susan M. Stanfield  
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 G. Milner  
Contractor's Signature (Permitee)

Contractor's License Number STATE # CPC 1456862  
Columbia County  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to be by the Contractor and subscribed before me this 7 day of May 2005.  
Personally known \_\_\_\_\_ or Produced Identification DL

Laurie Hodson

State of Florida Notary Signature (For the Contractor)

SEAL:







## 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.
- ☒ 11. Will pool or spa have a heater and will it be ~~gas~~ or electric? (If gas provide layout and sizing of gas lines.)  
HEAT PUMP
- ☒ 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.

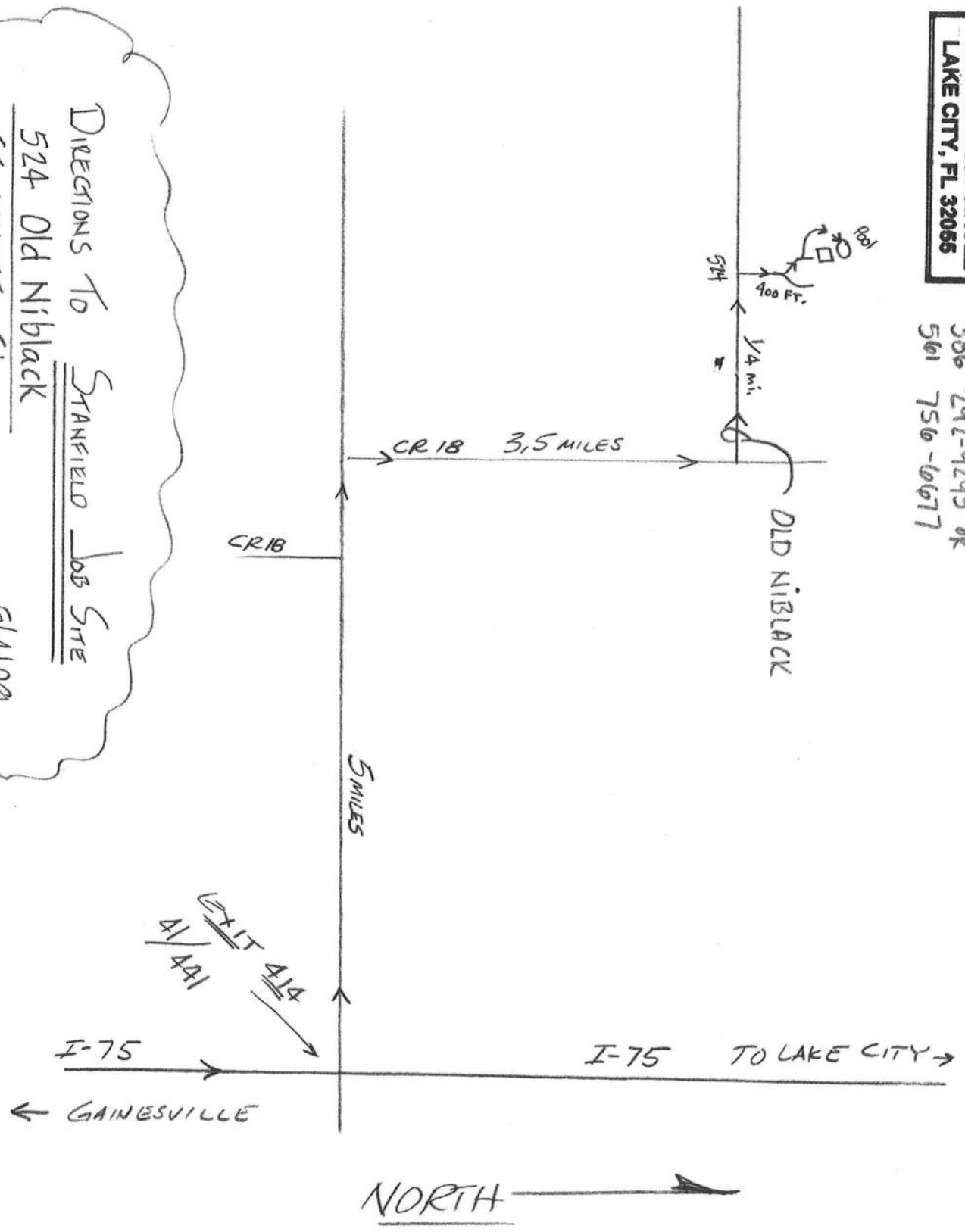
FINAL: Location and installation of all equipment, Barrier requirements as per plan. Electrical receptacles and finished electric hook-ups. Completed piping and valve system. Gas heaters installed and connected to gas lines (if applicable).

owner

contractor

**OUTBACK POOLS**  
831 SAVANNAH CIRCLE  
LAKE CITY, FL 32065

Bob Milne  
386 292-9295 or  
501 756-6677



NTS.



# 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 SUSAN M. STANFIELD 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.

Susan M. Stanfield 4-22-09  
Owner Signature Date

Address: 524 SW OLD NIBLACK AVE FT WHITE FL 32038

Robert A. Milner 4/22/09  
Contractor Signature Date

STATE #  
C.P.C. 1456862  
License Number



# Columbia County Property Appraiser

DB Last Updated: 4/27/2009

## 2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 36-6S-16-04076-131 HX VX

### Owner & Property Info

Search Result: 1 of 1

<b>Owner's Name</b>	STANFIELD JOHN & SUSAN M		
<b>Site Address</b>	OLD NIBLACK		
<b>Mailing Address</b>	524 SW OLD NIBLACK AVE FT WHITE, FL 32038		
<b>Use Desc. (code)</b>	MOBILE HOM (000200)		
<b>Neighborhood</b>	036616.02	<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02	<b>Market Area</b>	02
<b>Total Land Area</b>	10.000 ACRES		
<b>Description</b>	LOT 31 PARKER WOODS S/D ORB 780-479, 854-1944, 854-1945, WD 1088-1382		

### GIS Aerial



### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (2)	\$59,712.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (1)	\$79,113.00
<b>XFOB Value</b>	cnt: (2)	\$2,040.00
<b>Total Appraised Value</b>		\$140,865.00

<b>Just Value</b>	\$140,865.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$139,749.00
<b>Exemptions</b>	(code: HX VX) \$55,000.00
<b>Total Taxable Value</b>	County: \$84,749.00   City: \$84,749.00 Other: \$84,749.00   School: \$109,749.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
6/27/2006	1088/1382	WD	I	Q		\$132,000.00
3/6/1998	854/1945	WD	I	Q		\$41,000.00
4/1/1993	780/479	AG	V	U	13	\$19,995.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SFR MANUF (000200)	2007	Vinyl Side (31)	2419	2489	\$79,113.00
<b>Note:</b> All S.F. calculations are based on exterior building dimensions.						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0296	SHED METAL	2003	\$864.00	0000072.000	8 x 9 x 0	(000.00)
0294	SHED WOOD/	2003	\$1,176.00	0000120.000	10 x 12 x 0	AP (030.00)

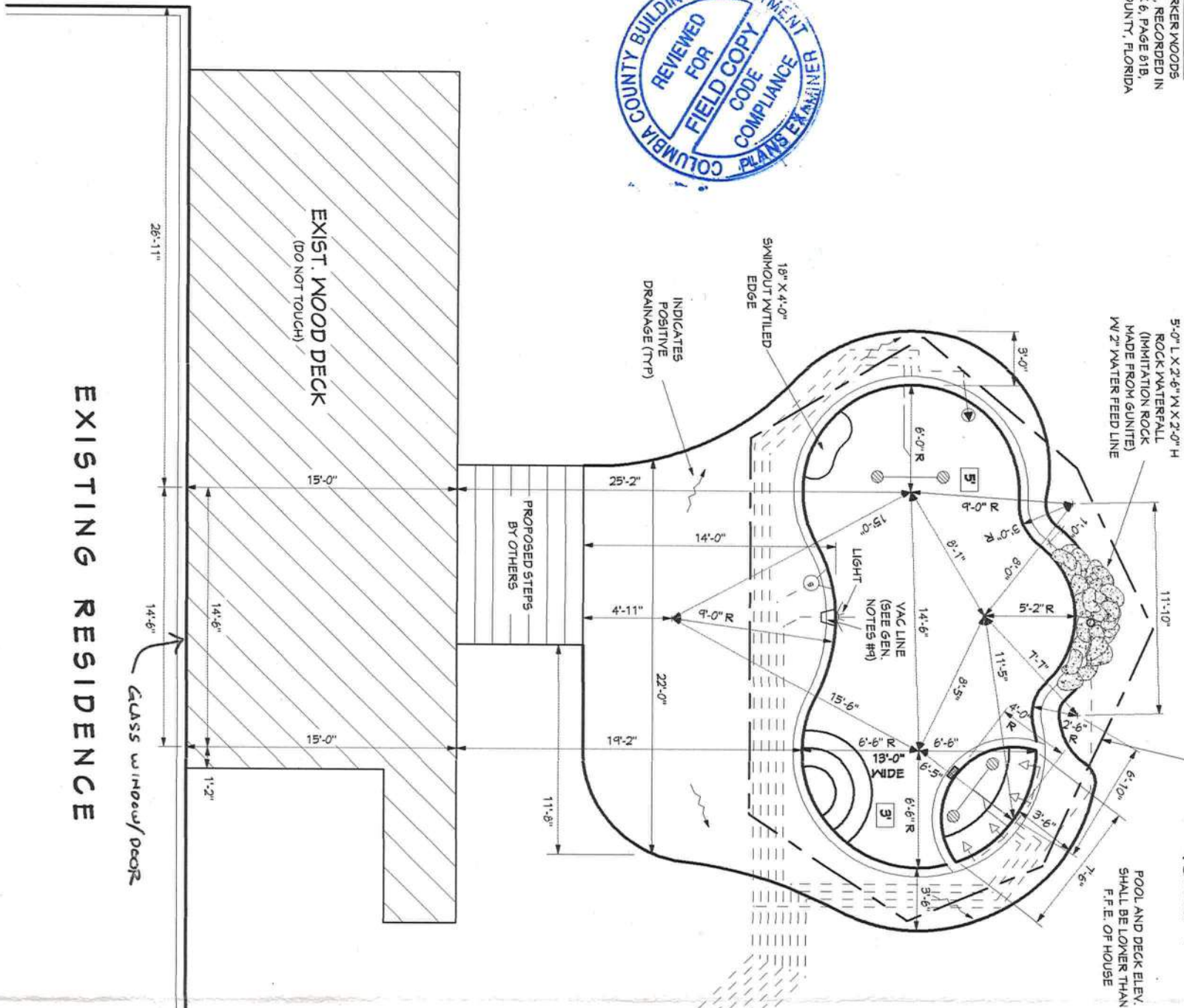
### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value



LEGAL DESCRIPTION  
LOT 31, PARKER WOODS  
SUBDIVISION, RECORDED IN  
PLAT BOOK 6, PAGE 81B,  
COLUMBIA COUNTY, FLORIDA

BABY FENCE PER FBC SECT.  
BY OUTBACK POOLS 424.2.17.



PUMP SIZES	AVG FLOW	VENT SIZES	MAX LENGTH
3/4 HP	45 GPM	1"	62 FT
1 HP	60 GPM	1"	73 FT
1.5 HP	75 GPM	1"	92 FT
2 HP	100 GPM	1"	122 FT
2.5 HP	135 GPM	1"	165 FT
3 HP	145 GPM	1"	177 FT

BASED ON FOLLOWING EQUATION:

ONE HP PUMP FLOW RATE 60 GPM @ 80' TDH  
60 GPM / (60 X 1.48) = 0.1364 CUBIC FEET PER SECOND  
FLOW X 3 SECONDS (CODE REQUIRED) = MAX. SIZE OF OPENING  
0.1364 X 3 = 0.4011 CUBIC FEET AREA OF 1" VENT PIPE = .00545 SQ. FEET  
THE ALLOWABLE LENGTH = 0.4011 / .00545 = 73.6 FEET  
THEREFORE, FOR A 1 HP PUMP AND 1" VENT LINE, THE MAX LENGTH OF PIPE IS 73.6 FEET

VENT PIPE MAXIMUM LENGTH

1" VENT LINE @ GRADE/TYP  
(OUTSIDE OF DECK AREA / SEE  
MAX VENT PIPE LENGTH DETAIL  
ON THIS PG.)

EQUIP. LOCATION  
CONFIGURATION MAY  
DIFFER.  
LANDSCAPE  
EQUIPMENT SCREEN  
PER CODE

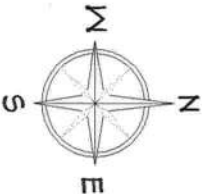
SEE PIPING  
SCHEMATIC FOR  
DETAILS AND SIZES

EXISTING

EXISTING RESIDENCE

POOL PLAN

SCALE 1/8" = 1'-0"



POOL SPECIFICATIONS

POOL SIZE:	13'-0" X 27'-0"	POOL DEPTH:	3 TO 5'
POOL CAPACITY:	8,340 GAL.	TURNOVER RATE:	238 HR (12 HR MAX)
POOL S.F.:	278 SF.	POOL PERIMETER:	12 L.F.

POOL EQUIPMENT

PUMP SIZE:	1 HP.	MODEL:	PENTAIR
FILTER SIZE:	100 SF.	MODEL:	CARTRIDGE
CHLORINATOR:	SALT SYS.	MODEL:	HAYWARD
POOL RETURNS:	2	SKINNER:	1
CLEANING LINE:	YES	LIGHT:	(1) 12V. 100W.
HEATER TYPE:	HEAT PUMP	MODEL SIZE:	RHEEM

WATER FEATURES

ROSETTE:	NONE	LION HEADS:	NONE
SHEER DESCENT:	NONE	DECK JETS:	NONE
SPRITZER:	NONE	JET ON 5-0:	NONE
FEED LINE(S):	YES / 1 (2")	BUBBLER:	NONE

FINISHING ITEMS

COPING:	OVERPOUR	HANDHOLD TYPE:	NONE
TILE:	6"	TYPE OF NEW DECK:	KOOL DECK
SWIMOUT SIZE:	18" X 4'-0"	NEW DECK SF.:	400 SF.
EXIT RAILINGS:	NONE	CAPING SF.:	NONE
AUTOMATION:	NONE	BENCH SIZE:	NONE
INTERIOR FINISH:	GEM	DECK-O-DRAIN:	NONE

ADDITIONAL FEATURES

SCREEN ENCL.:	NONE	FOOTER:	NONE
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SPA SPECIFICATIONS

SPA SIZE:	8'-0" X 4'-0"	DEPTH:	3'-0"
SPA PUMP:	NONE	SPA PERIMETER:	14 L.F.
JETS:	4	SPA S.F.:	22 SF.
SPA CAPACITY:	495 GAL.	TURNOVER RATE:	0.15 HR
RAISED:	NONE	LIGHT:	NONE
GLASS BLOCKS:	NONE	BLOWER:	NONE
SPLILWAY SIZE:	6"	ENTRY STEP:	NONE

NOTES

PERIMETER BARRIER: BABY FENCE BY OUTBACK POOLS INC. 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.

X DATE:

OUTBACK POOLS & WATERFALLS, INC.

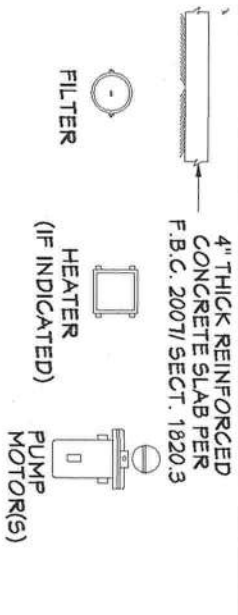
931 NW SAVANNAH CIRC.  
LAKE CITY, FL., 32055  
Phon: (561) 756-6677 / Fax: (386) 755-4860

SUSAN & JACK STANFIELD  
524 SW OLD NIBLACK AVE.  
FT. WHITE, FL.

MAYNIE MARKHAM  
BENNETT P.E. # 57216  
265 S. FEDERAL HIGHWAY  
DEERFIELD BCH., FL., 33441  
4-25-2009

ORDER#	DATE:
B.D.D.#	4-23-09
092140-B	1 OF 3

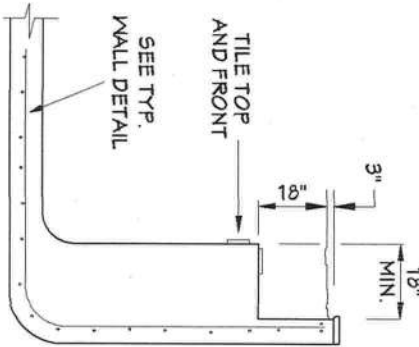




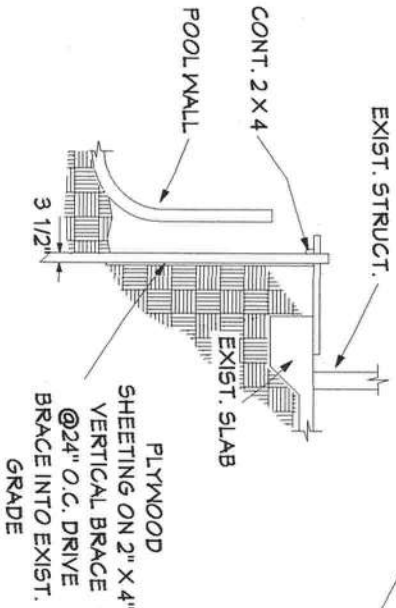
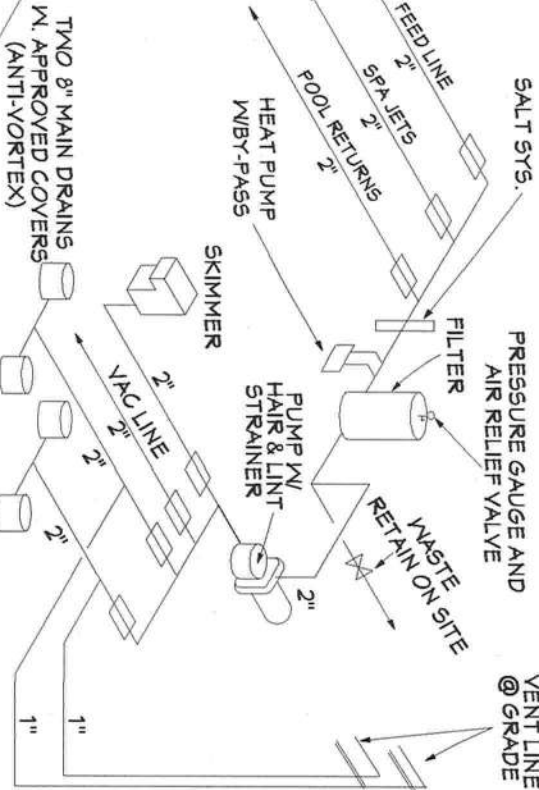
NOTE: ALL ANCHOR BOLTS THRU BASE SHALL BE 3/8" LAG BOLTS FOR ALL EQUIP. NEEDED; SEE MANUF. SPECS. FOR ANY ADDITIONAL DETAILS OR ANCHORING POINTS.

COMPLIANT W/ F.B.C. 2007/301.13

POOL EQUIPMENT ANCHORING



SWIMOUT DETAIL



NOTES

- 1. SHEETING WILL BE REQUIRED BETWEEN THE EXISTING PORCH OR RESIDENCE AND THE PROPOSED POOL. SHEETING SHALL REMAIN UNTIL THE CONCRETE ATTAINS INITIAL STRENGTH AND THE AREA IS BACKFILLED.
- 2. ABOVE REQUIREMENTS ARE MINIMUM AND ACTUAL SHEETING DESIGN SHOULD BE DETERMINED IN THE FIELD IN ACCORDANCE WITH THE SITE CONDITIONS.
- 3. A TEMPORARY GUTTER IS RECOMMENDED UNTIL AREA IS BACKFILLED AND CONCRETE IS IN PLACE.

SHEETING & SHORING DETAIL

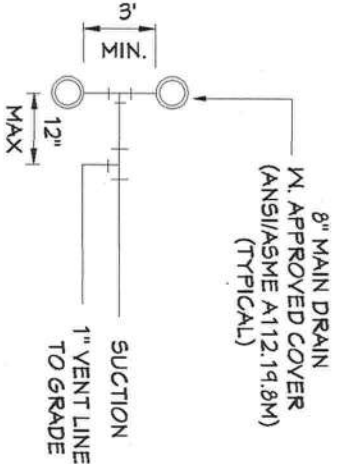
IF REQUIRED

SAFETY REQUIREMENTS

PER FBC 2007 R4101.17.1 THROUGH R4101.17.3 & SECT. 424.2.17.1.1 THROUGH 424.2.17.1.14 RESIDENTIAL SWIMMING POOL MUST MEET ONE OF THE BELOW SAFETY FEATURES:

- 1. POOL MUST BE ISOLATED FROM ACCESS TO A HOME BY AN ENCLOSURE THAT MEETS THE POOL BARRIER REQ. OF 5.515.24.
- 2. THE POOL MUST BE EQUIPPED W/ AN APPROVED SAFETY POOL COVER.
- 3. ALL DOOR & WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL MUST BE EQUIPPED WITH AN EXIT ALARM THAT HAS A MIN. SOUND PRESSURE RATING OF 85dB AT 10 FEET.
- 4. ALL DOOR & WINDOWS PROVIDING DIRECT ACCESS FROM THE HOME TO THE POOL MUST BE EQUIPPED WITH A SELF CLOSING SELF LATCHING DEVICE WITH A RELEASE MECHANISM PLACED NO LOWER THAN 54 IN. ABOVE THE FLOOR.

PIPING SCHEMATIC



NOTE

THE VENT SYSTEM WILL LIMIT THE TRANSMISSION OF SUCTION AT THE OUTLET TO A MAX. OF 4.5 IN. OF MERCURY, LABEL VENT AS:

"POOL SAFETY DEVICE DO NOT HANDLE"

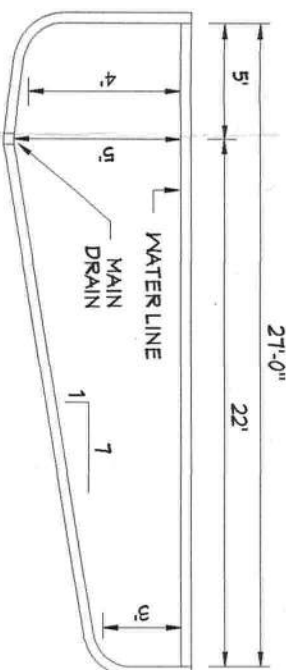
\*\*DRAINS 3 MIN. FROM INSIDE EDGE OF DRAIN TO INSIDE EDGE OF DRAIN OR ON SEPARATE PLANES\*\*

PER F.B.C. 2007/424.2.6.6.

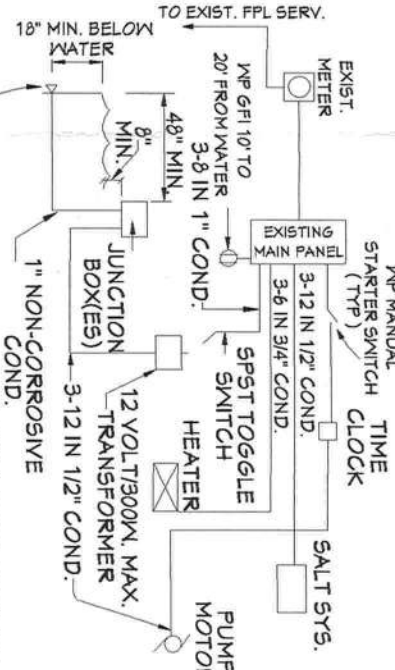
MAIN DRAIN DETAIL

IMPORTANT NOTE:

NO DIVING BOARD AND NO DIVING IS ALLOWED ON ANY POOL LESS THAN 8'-0" DEEP AND SPECIFICALLY DESIGNED FOR DIVING. THIS POOL IS NOT DESIGNED FOR DIVING.



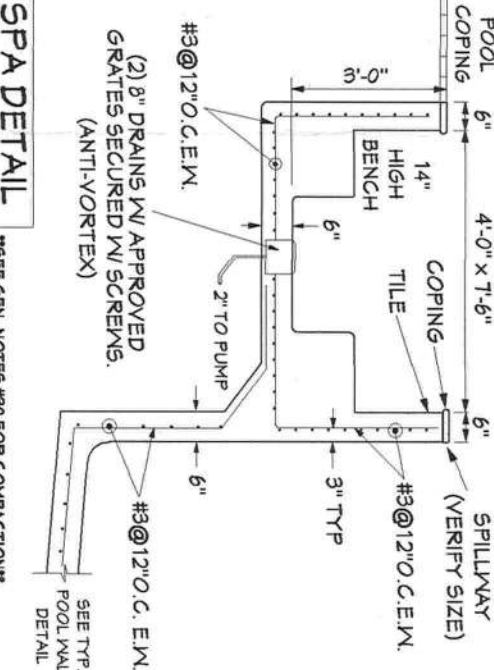
LONGITUDINAL POOL SECTION



(1) LIGHT FOR POOL W/ LOW WATER CUT OFF DEVICES SEE GEN. NOTES #40 FOR BONDING

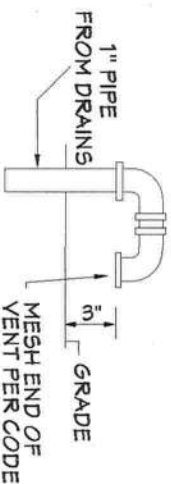
ELECTRICAL DIAGRAM

NOTE: ALL ELECTRICAL SHALL CONFORM W/ N.E.C. ART. 680

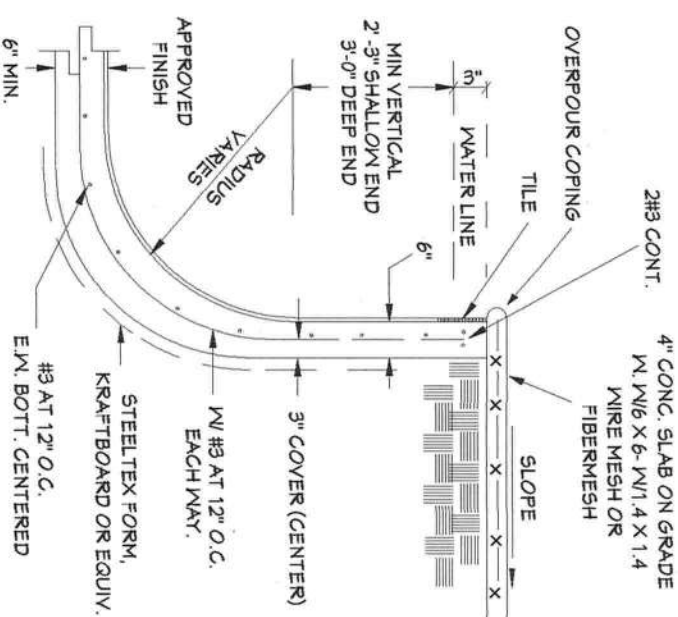


SPA DETAIL

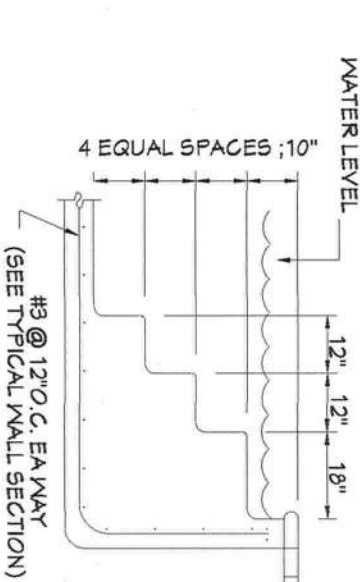
\*\*SEE GEN. NOTES #30 FOR COMPACTION\*\*



VENT LINE DETAIL

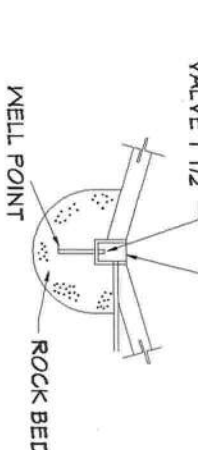


TYPICAL WALL SECTION



ENTRY STEP DETAIL

APPROVED (ANSI/ASME A112.19.8M) DRAIN COVERS TO BE FASTENED W/ SCREWS



WELL POINT DETAIL

WAYNE MARKHAM BENNETT  
P.E. # 57216  
265 S. FEDERAL HIGHWAY  
DEERFIELD BCH, FL., 39441  
4-26-2009

ORDER#	DATE:
B.D.D.#	SHEET
082140-B	2 OF 3

STANFIELD RESIDENCE

OUTBACK POOLS & WATERFALLS, INC.



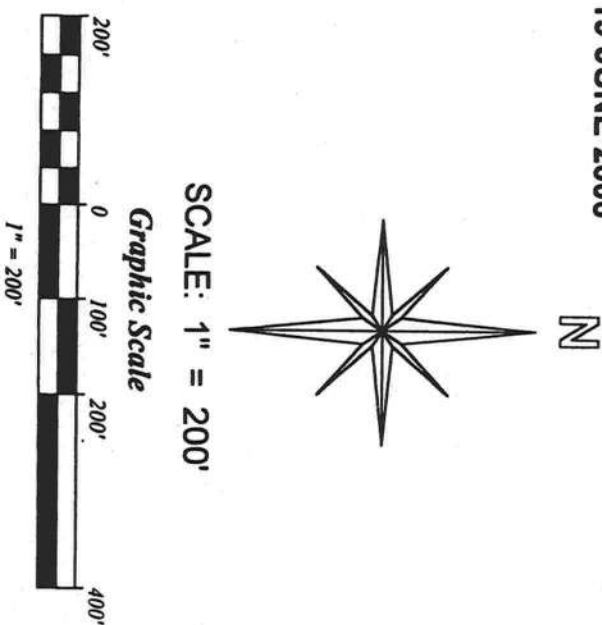
GENERAL NOTES

- 1- CODE REQUIREMENTS:  
PRIVATE SWIMMING POOL AND SPAS MUST COMPLY WITH CHAPTER 424 & R4101 FLORIDA BUILDING CODE 2001
- 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 PIPING 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 CONFORMING TO OTHER RECOGNIZED STANDARDS ACCEPTABLE TO ADMINISTRATIVE AUTHORITY.
- 4- ENGINEERING DESIGN:  
DESIGN, CONSTRUCTION AND WORKMANSHIP SHALL BE IN CONFORMITY WITH ANSI/SPF 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 ANSI/ASME A112.19.8M " SUCTION FITTINGS FOR USE IN SWIMMING POOLS, SPAS, HOT TUBS AND WHIRLPOOL BATHTUB 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- ENTRAPMENT AVOIDANCE:  
PER FBC 424.2.6.6 & R4101.6.6 ( REDIRECTING TO ANSI/SPF-7) IF THE SUCTION INLET SYSTEM, SUCH AS AN AUTOMATIC CLEANING SYSTEM, IS A VACUUM CLEANER SYSTEM WHICH HAS A SINGLE SUCTION INLET OR MULTIPLE SUCTION INLETS WHICH CAN BE ISOLATED BY VALVES, THEN EACH SUCTION INLET SHALL PROTECT AGAINST USER ENTRAPMENT BY EITHER AN APPROVED ANTIVORTEX COVER, 12" X 12" GRATE OR LARGER, OR OTHER APPROVED MEANS. IN ADDITION, ALL POOLS AND SPAS SHALL BE REQUIRED TO HAVE A BACK UP SYSTEM WHICH SHALL PROVIDE VACUUM RELIEF SHOULD GRATE COVERS BE MISSING. ALTERNATE VACUUM RELIEF DEVICES SHALL INCLUDE EITHER:  
A. APPROVED VACUUM RELEASE SYSTEM  
B. APPROVED VENT PIPING  
C. OTHER APPROVED DEVICES OR MEANS
- 8- 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 MANUFS RECOMMENDATIONS. PER 424.2.1.3 CAPACITY; PUMPS SHALL HAVE DESIGN CAPACITY AT THE FOLLOWING HEADS: 1) PRESSURE DIAPOACEOUS EARTH-AT 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 CORROSION RESISTANT MATERIALS.
- 9- CLEANER FITTINGS:  
PER ANSI/SPF 5, 9.12.10 THE VACUUM OR PRESSURE CLEANER FITTINGS) 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".
- 10- VALVE:  
PER FBC 424.2.8.1 & 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
- 11- 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.
- 12- WATER SERVICE:  
PER FBC 424.2.9 & R4101.9 BACKFLOW PREVENTION DEVICE REQUIRED ON ALL POTABLE WATER SERVICE
- 13- TESTS:  
ALL POOL PIPING SHALL BE INSPECTED AND APPROVED 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 & R4101.12.1 PRESSURE TESTS.
- 14- 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 SHALL COMPLY WITH FBC 412.1 ALL HEATERS MUST HAVE AN INTERNAL CHECK VALE. PER FBC 13-612.1, ABC.3.2 THE POOL AND SPA SHALL BE PROVIDED WITH A COVER TO REDUCE HEAT LOSS (IF REQUIRED BY THE CITY)
- 15- GAS PIPING:  
GAS PIPING SHALL COMPLY WITH FBC, FUEL GAS SEC. 424.2.15 & R4101.15
- 16- ELECTRICAL:  
POOL LOCATION AND ELECTRICAL WIRING AND EQUIPMENT SHALL COMPLY WITH THE NATIONAL ELECTRICAL CODE 2005, SPECIFICALLY SECTION 680.
- 17- LADDERS AND STEPS:  
PER FBC 424.2.18 & R4101.18 ALL POOLS SHALL BE PROVIDED WITH A LADDER OR STEPS INTHE SHALLON END WHERE WATER EXCEEDS 24 INCHES. WHERE WATER DEPTH EXCEEDS 5 FEET, THERE SHALL BE LADDERS, STAIRS OR UNDERWATER BENCHESSWIMMOUTS IN THE DEEP END.
- 18- FILTERS:  
PER FBC 424.2.20 & R4101.20 THE ENTIRE DESIGN OF MATCHED COMPONENTS SHALL HAVE SUFFICIENT CAPACITY TO PROVIDE A COMPLETE TURNOVER OF POOL WATER IN 12 HOURS OR LESS.
- 19- 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 424.2.19.2 JOINTS AND C CONNECTIONS, FBC PLUMBING SEC. 605.21, PURPLE PRIMER REQUIRED ON PVC PIPING
- 20- SKIMMERS:  
PER FBC 424.2.21.2 & R4101.21.4 SKIMMERS SHALL BE INSTALLED ON THE BASIS OF ONE PER 800 SF OF SURFACE AREA OR FRACTION THEREOF.
- 21- HYDROSTATIC RELIEF DEVICE:  
PER FBC 424.2.21.4 & R4101.21.4 IN AREAS OF ANTICIPATED WATER TABLE, AN APPROVED HYDROSTATIC RELIEF DEVICE SHALL BE INSTALLED. EXCEPTION IS PLASTIC LINER POOLS.
- 22- CONCRETE / STEEL:  
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) WITH A PLASTIC AND WORKABLE MIX. PNEUMATICALLY APPLIED CONCRETE AND/OR SHOTCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304.2R-04 AND ACI 506.2-04, RESPECTIVELY. ALL OTHER CONCRETE SHALL BE PLACED IN ACCORDANCE WITH ACI 304R-04. A CERTIFICATE OF MANUFACTURERS MIX AND STRENGTH IS TO BE PROVIDED. NO WATER IS TO BE ADDED AFTER TRUCK LEAVES PLANT WITHOUT APPROVAL OF ENGINEER. PLANT CONTROL IS REQUIRED. MAXIMUM MIX TIME AT POINT OF DEPOSIT IS 90 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.
- 23- SOIL STATEMENT:  
IN ACCORDANCE WITH FBC SECTION 1818, VHZZ 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, MAREL 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.

- 24- POOL STAKING:  
THIS DESIGN ENGINEER ASSUMES NO RESPONSIBILITY FOR POOL CONSTRUCTION IN EASEMENT OR REQUIRED SETBACKS AREAS. PLOT 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.
- 25- EXISTING STRUCTURES:  
THE POOL CONTRACTOR SHALL ALWAYS TAKE ALL PRECAUTIONS TO PROTECT EXISTING STRUCTURES FROM FAILURE BY SHEETING AND/OR 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
- 26- 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.
- 27- CONCRETE SLABS:  
ALL POOL EQUIPMENT SLABS SHALL COMPLY WITH SECTION 1820.3 OF FBC 2001
- 28- HANDHOLD:  
ANSI/SPF5 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
- 29- POWER LINE:  
OVERHEAD ELECTRIC LINES MUST BE LOCATED 10 FEET AND UNDERGROUND ELECTRIC LINES MUST BE LOCATED 5 FEET FROM POOL WATER EDGE.
- 30- 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 95% 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 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.
- 31- 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 ANSI/ASME A112.19.8M, " SUCTIONFITTINGS FOR USE IN SWIMMING POOLS, SPAS, HOT TUBS AND WHIRLPOOL BATHTUB APPLIANCES." EXCEPTION: SURFACE SKIMMERS.
- 32- 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.
- 33- NOTE 1:  
THIS PLAN IS NOT TRANSFERABLE FROM ONE CONTRACTOR TO ANOTHER
- 34- NOTE 2:  
UNLESS OTHERWISE SPECIFIED, ALL DETAILS SHOWN ARE NOT TO SCALE.
- 35- NOTE 3:  
POOL WALL SHALL BE REINFORCED WITH #5@8" O.C.E.V. WHERE LESS THAN 5 FEET FROM ANY EXISTING STRUCTURE OR PATIO (SEE SHEETING & SHORING DETAIL)
- 36- NOTE 4:  
POOL AND DECK ELEVATION SHALL BE LOWER THAN FINISH FLOOR ELEVATION OF THE HOUSE
- 37- 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.
- 38- 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.
- 39- NOTE 7:  
NO DIVING BOARD AND NO DIVING IS ALLOW ON ANY POOL LESS THAN 8 FEET DEEP AND SPECIFICALLY DESIGN FOR DIVING
- 40- BONDING  
CONTINUOUS SINGLE #6 AVG BARE COPPER WIRE SHALL BE BURIED TO A MIN. 4" TO 6" BELOW SUBGRADE, 18" TO 24" FROM INSIDE THE WALL OF SWIMMING POOL- SPA AROUND THE SWIMMING POOL-SPA PERIMETER, AND SHALL BE CONNECTED TO THE POOL STEEL REINFORCEMENT AT A MIN. 4 DIFFERENT LOCATIONS, EQUALLY SPACED.
- 41- 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, WALKWAYS, ETC.



BOUNDARY AND LOCATION SURVEY FOR JOHN AND SUSAN STANFIELD  
LYING IN SECTION 36, TOWNSHIP 6 SOUTH, RANGE 16 EAST  
COLUMBIA COUNTY, FLORIDA  
19 JUNE 2006



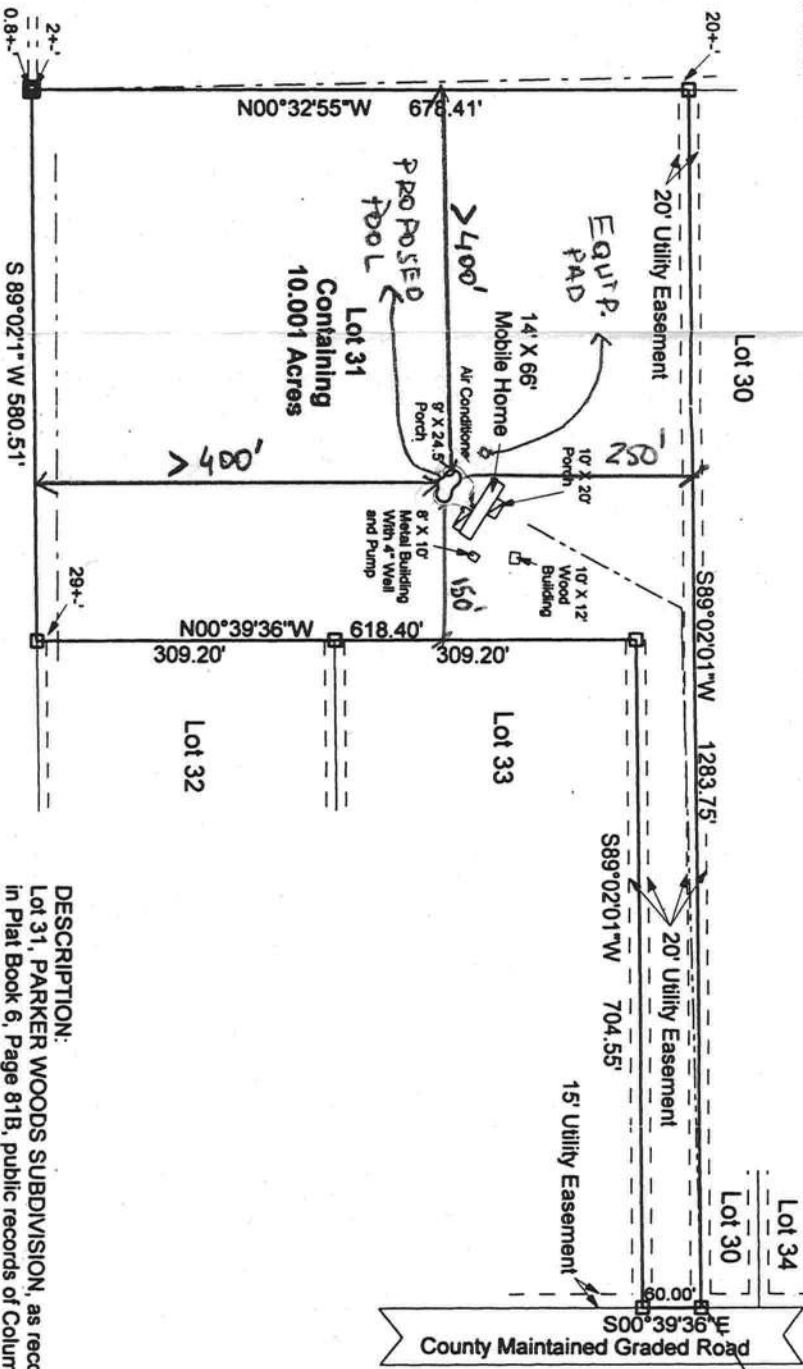
CERTIFY IS DEFINED FOR THE PURPOSES  
OF THIS SURVEY AS THE FOLLOWING:  
THIS IS NOT A GUARANTEE OR WARRANTY  
EXPRESSED OR IMPLIED. IT IS THE OPINION  
OF THE DESCRIPTION AND FIELD DATA AS IT  
RELATES TO THE AFOREMENTIONED MAP OF  
THE SURVEYOR.

DECLARATION IS MADE TO THE ORIGINAL PURCHASER,  
E COMPANY AND MORTGAGE HOLDER OF THIS  
VEY AND IS NOT TRANSFERABLE TO ADDITIONAL  
INSTITUTIONS OR SUBSEQUENT OWNERS.

THIS SURVEY WAS PERFORMED WITHOUT  
THE BENEFIT OF A TITLE REPORT AND NO  
SEARCH OF THE PUBLIC RECORDS WAS  
MADE FOR OWNERSHIP, EASEMENTS,  
UTILITIES, RIGHT-OF-WAYS, AND ETC.

THE SURVEY DEPICTED HERE IS NOT  
COVERED BY PROFESSIONAL  
LIABILITY INSURANCE.

"UNLESS IT BEARS THE SIGNATURE AND  
THE ORIGINAL RAISED SEAL OF A FLORIDA  
LICENSED SURVEYOR AND MAPPER THIS  
DRAWING, SKETCH, PLAT OR MAP IS FOR  
INFORMATIONAL PURPOSES ONLY AND  
IS NOT VALID."



LEGEND & NOTES

- - Denotes 4" X 4" Concrete Marker Found, Number 1519.
- - Denotes 4" X 4" Concrete Marker Found, Number 1079.
- Denotes Fences (Not to Scale).
- Denotes Overhead Electric.
- Bearing derived from recorded subdivision plat.
- Reference recorded subdivision plat for further information or restrictions.

DESCRIPTION:  
Lot 31, PARKER WOODS SUBDIVISION, as recorded  
in Plat Book 6, Page 81B, public records of Columbia  
County, Florida.

- \* Wachovia Bank, N.A.
- \* Osceola Land Title
- \* Chicago Title and Commonwealth Title

THIS SURVEY IS FOR THE BENEFIT OF: JOHN AND SUSAN STANFIELD \*

*Robert S. Folsom*  
ROBERT S. FOLSOM  
PROFESSIONAL SURVEYOR AND MAPPER  
FLORIDA REG. CERT. NO. 3499  
1699 S.W. ARLINGTON ROAD  
MAYO, FLA. 32066  
(386) 294-1506

