

DATE 12/18/2008

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000027529

APPLICANT BRIAN HERBERT PHONE 352-472-9101
 ADDRESS 909 SW 255 STREET NEWBERRY FL 32669
 OWNER MICHELLE BOATWRIGHT PHONE 386-965-2290
 ADDRESS 146 NW HARRIS LAKE DRIVE LAKE CITY FL 32055
 CONTRACTOR BRIAN HERBERT PHONE 352-472-9101

LOCATION OF PROPERTY 90 W, R COMMERCE DR, R FAIRWAY DR, R NW GRET LN, R NW HARRIS LAKE DRIVE, 7TH ON THE RIGHT

TYPE DEVELOPMENT SWIMMING POOL ESTIMATED COST OF CONSTRUCTION 32800.00

HEATED FLOOR AREA _____ TOTAL AREA _____ HEIGHT _____ STORIES _____

FOUNDATION _____ WALLS _____ ROOF PITCH _____ FLOOR _____

LAND USE & ZONING RSF-2 MAX. HEIGHT _____

Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00

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

PARCEL ID 35-3S-16-02309-047 SUBDIVISION SOUTHERN OAKS COUNTRY CLUB

LOT 47 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

CPC1457560

Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor
<u>EXISTING</u>	<u>X08-388</u>	<u>CS</u>	<u>HD</u> <u>N</u>
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance
			New Resident

COMMENTS: NOC ON FILE

Check # or Cash 1539

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power _____ date/app. by _____ Foundation _____ date/app. by _____ Monolithic _____ date/app. by _____

Under slab rough-in plumbing _____ date/app. by _____ Slab _____ date/app. by _____ Sheathing/Nailing _____ date/app. by _____

Framing _____ date/app. by _____ Rough-in plumbing above slab and below wood floor _____ date/app. by _____

Electrical rough-in _____ date/app. by _____ Heat & Air Duct _____ date/app. by _____ Peri. beam (Lintel) _____ date/app. by _____

Permanent power _____ date/app. by _____ C.O. Final _____ date/app. by _____ Culvert _____ date/app. by _____

M/H tie downs, blocking, electricity and plumbing _____ date/app. by _____ Pool _____ date/app. by _____

Reconnection _____ date/app. by _____ Pump pole _____ date/app. by _____ Utility Pole _____ date/app. by _____

M/H Pole _____ date/app. by _____ Travel Trailer _____ date/app. by _____ Re-roof _____ date/app. by _____

BUILDING PERMIT FEE \$ 165.00 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** 215.00

INSPECTORS OFFICE [Signature] CLERKS OFFICE CN

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 TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

cl# 1539

Columbia County Building Permit Application

For Office Use Only Application # 0812-20 Date Received 12/12/08 By LG Permit # 27529
 Zoning Official afs Date 12/17/08 Flood Zone N/A Land Use RLD Zoning RSF-2
 FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner HO Date 12-15-08
 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. X08-388 Fax _____ Name Authorized Person Signing Permit BRIAN HERBERT Phone 352-472-9101

Address 146 NW HARRIS LAKE DR. LAKE CITY, FL. 32055 Owners Name Michelle Boatwright Phone 386-965-2290

911 Address 146 NW HARRIS LAKE DR. LAKE CITY, FL. 32055 Contractors Name Brian Herbert Phone 352-472-9101

Address 909 SW 255th NEWBERRY, FL. 32669 Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A Architect/Engineer Name & Address N/A

Mortgage Lenders Name & Address N/A

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

Property ID Number 35-35-16-02309-017^{HX} Estimated Cost of Construction \$32,800.00

Subdivision Name Southern Oaks Country Club Lot 47 Block _____ Unit _____ Phase _____

Driving Directions Take Hwy 90 WEST TO COMMERCE DR TO FAIRWAY DR. FAIRWAY DR TO NW E GRET LN TURN Right go to NW HARRIS LAKE DR. TURN Right House on Right! Number of Existing Dwellings on Property 1

Construction of Swimming Pool Total Acreage 1 Lot Size 1

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 90 Side 35 Side 42 Rear 17

Number of Stories 1 Heated Floor Area 1987 Total Floor Area 2638 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.

Columbia County Building Permit Application

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.

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.



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.



Contractor's Signature (Permitee)

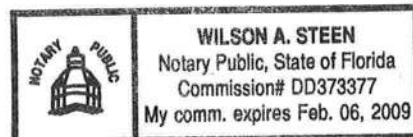
Contractor's License Number CPC1457260
Columbia County
Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 12th day of December 2008.
Personally known _____ or Produced Identification FL DRIVERS LICENSE



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

Application Number _____

NOTICE TO SWIMMING POOL OWNERS

I Michelle Boatwright 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.

Michelle Boatwright
Owner Signature / Date

Address: 646 NW Harris Lake Drive Lake City, FL 32055

[Signature] 12/10/08
Contractor Signature / Date

CPC1457260
License Number

LOT 47 FAIRWAY VIEW S/D UNIT I BOATWRIGHT MICHELLE LOUISE 35-3S-16-02309-047 Columbia County 2008 R
 ORB 426-222, 952-1724. 146 NW HARRIS LAKE DR GARD 001 OF 001
 DC GRACE GOODALL 1056-1898. LAKE CITY, FL 32055 BY JEFF
 WD 1071-794. PRINTED 10/21/2008 9:41
 APPR 10/03/2003 DF

MOD	EXW	RSTR	RCVR	INTW	FLOOR	HTTP	A/C	QUAL	FIND	SIZE	CEIL	ARCH	FRME	KTCH	WIND	CLAS	OCC	COND	SUB	BASO2	FOP02	FGR02
000100	SFR	COMMON BRK	03	05	14	04	03	07	N/A	N/A	N/A	02	01	01	N/A	N/A	N/A	03	A-AREA	1987	210	441
PAM BATH AE? Y 1987 HTD AREA 143.880 INDEX 26316.03 FRWAY VIEW PUSE 000100 SINGLE FAMILY BATH 2.00 2293 EFF AREA 73.379 E-RATE 100.000 INDX STR AREA 06 159,845 BLDG BDRM 0000000000 168258 RCN 2002 AYB MKT AREA 06 3,648 XFOB RMS 2 95.00 %GOOD 159,845 B BLDG VAL 2002 EYB (PUDI) 41,300 LAND UNITS HX APPYR 2007 AC NTCD 0 AG 0 MKAG 0 SOHD 0 ASSD 0 EXP 0 COTYBL C-W% C-100 HGT HTD 146 HARRIS LAKE DR NW APPR CD 0 SOHD 0 ASSD 0 EXP 0 COTYBL PMTR 19 168258 RCN 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB STYS 15 168258 RCN 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB ECON 30% 15 HARDTILE 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB FUNC 03 CENTRAL 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB SPCD 07 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB DEPR 52 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-1 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-2 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-3 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-4 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-5 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-6 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-7 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-8 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB UD-9 N/A 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB SUB VALUE 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB 138515 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB 4391 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB 16939 159,845 B BLDG VAL 2002 AYB MKT AREA 06 3,648 XFOB																						

AE BN	CODE	EXTRA	FEATURES	DESC	LEN	WID	HGT	QTY	QL	YR	ADJ	FIELD CK:	UNITS UT	PRICE	ADJ UT PR	SPCD	%GOOD	XFOB VALUE	
Y	0166	CONC	PAVMT		159845	1	2002	1.00		1824.000	SF	2.000	2.000	2.000	2.000	100.00	3,648		
AE	CODE	LAND	DESC		ZONE	ROAD	UTL	UD1	UD2	UD3	FRONT	DEPTH	FIELD CK:	UNITS UT	PRICE	ADJ UT PR	SPCD	%GOOD	XFOB VALUE
Y	000100	SFR			00	0003	0003	UD1	UD2	UD3	FRONT	DEPTH	FIELD CK:	UNITS UT	PRICE	ADJ UT PR	SPCD	%GOOD	XFOB VALUE
					0002	0003		1			1.00	1.00	1.40	1.00	1.000	29500.000	41300.00	41,300	

BOOK	PAGE	DATE	SALE	PRICE
1071	794	12/30/2005	Q I	252000
GRANTOR DON A GOODALL				
GRANTEE BOATWRIGHT				
952	1724	5/01/2002	Q V	35000
GRANTOR JAMES M ROSS				
GRANTEE DON A & GRACE M GOODALL				

NUMBER	SFR	DESC	AMT	ISSUED
19650			340	6/13/2002

NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 35-35-16-02309-047

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): SEE ATTACHED Lot 47 FAIRWAY VIEW S/D UNIT 1
a) Street (Job) Address: 146 NW HARRIS LAKE DR LAKE CITY, FL. 32055

2. General description of improvements: SWIMMING POOL

3. Owner Information
a) Name and address: Michelle Boatwright 146 NW HARRIS LAKE DR
b) Name and address of fee simple titleholder (if other than owner) NA
c) Interest in property OWNER

4. Contractor Information
a) Name and address: BRIAN HERBERT 909 SW 255th ST. NEWBERRY, FL. 32669
b) Telephone No.: 352-472-9101 Fax No. (Opt.) 352-472-0148

5. Surety Information
a) Name and address: NA
b) Amount of Bond: N/A Fax No. (Opt.) NA
c) Telephone No.: NA

6. Lender
a) Name and address: N/A
b) Phone No. N/A

7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: N/A Fax No. (Opt.) N/A
b) Telephone No.: N/A

8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name and address: N/A Fax No. (Opt.) N/A
b) Telephone No.: N/A

9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): N/A

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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

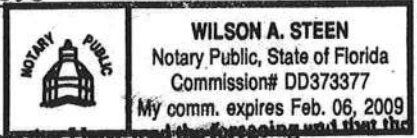
10. Michelle Boatwright
Signature of Owner or Owner's Authorized Officer/Director/Partner/Manager
Michelle L Boatwright
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 12th day of December, 2008, by:

Michelle Boatwright as _____ (type of authority, e.g. officer, trustee, attorney fact) for _____ (name of party on behalf of whom instrument was executed).

Personally Known OR Produced Identification Type FL DRIVERS LICENSE

Notary Signature [Signature] Notary Stamp or Seal



11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.
Michelle Boatwright
Signature of Natural Person Signing (in line #10 above.)

Congratulations! With this license you become one of the nearly one million Floridians licensed by the Department of Business and Professional Regulation. Our professionals and businesses range from architects to yacht brokers, from boxers to barbecue restaurants, and they keep Florida's economy strong.

Every day we work to improve the way we do business in order to serve you better. For information about our services, please log onto www.myfloridalicense.com. There you can find more information about our divisions and the regulations that impact you, subscribe to department newsletters and learn more about the Department's initiatives.

Our mission at the Department is: License Efficiently, Regulate Fairly. We constantly strive to serve you better so that you can serve your customers. Thank you for doing business in Florida, and congratulations on your new license!



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND
PROFESSIONAL REGULATION

AC# 3831527

CPCL1457260 06/27/08 078173166

CERT RESIDENTIAL POOL/SPA CONTR
HERBERT, BRIAN KEITH
SUPERIOR POOL SERVICES OF N CENT

IS CERTIFIED under the provisions of Ch. 489 FS
Expiration date: AUG 31, 2010 L08062700706

DETACH HERE



STATE OF FLORIDA
DEPARTMENT OF FINANCIAL SERVICES
DIVISION OF WORKERS' COMPENSATION
CONSTRUCTION INDUSTRY
CERTIFICATE OF ELECTION TO BE EXEMPT FROM FLORIDA
WORKERS' COMPENSATION LAW

EFFECTIVE: 11/19/2008 EXPIRATION DATE: 11/19/2010

PERSON: BRIAN K HERBERT

FEIN: 412267592

BUSINESS NAME AND ADDRESS:

SUPERIOR POOL SERVICES OF N CENTRAL FLORIDA INC
909 SW 255TH STREET
NEWBERRY, FL 32669

SCOPE OF BUSINESS OR TRADE
1 - CERTIFIED POOL CONTRACTOR

IMPORTANT

F Pursuant to Chapter 440.05(14), F.S., an officer of a corporation who elects exemption from this chapter by filing a certificate of election under this section may not recover benefits or compensation under this chapter.

H Pursuant to Chapter 440.05(12), F.S., Certificates of election to be exempt... apply only within the scope of the business or trade listed on the notice of election to be exempt.

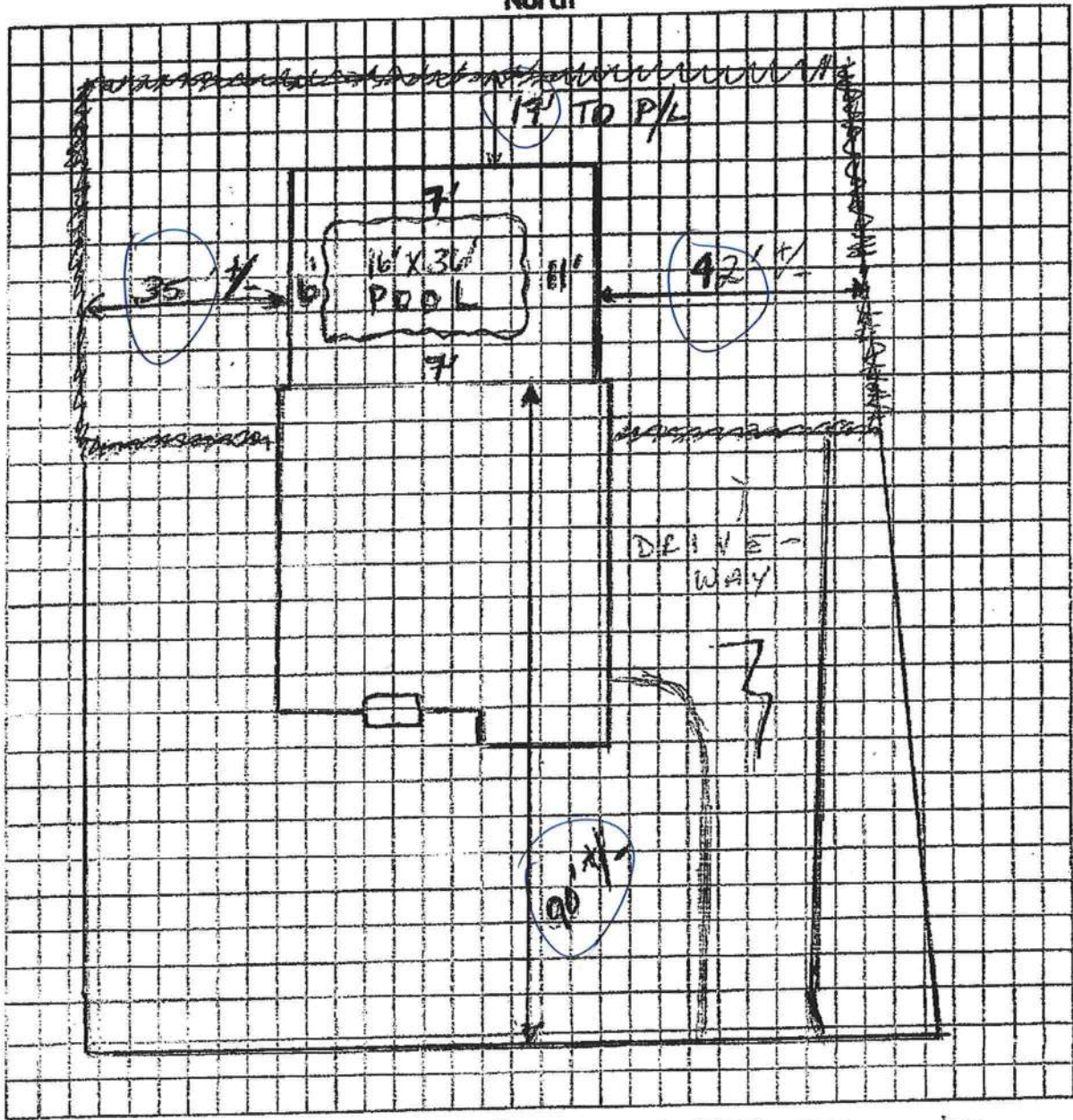
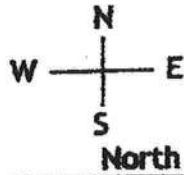
E Pursuant to Chapter 440.05(13), F.S., Notices of election to be exempt and certificates of election to be exempt shall be subject to revocation if, at any time after the filing of the notice or the issuance of the certificate, the person named on the notice or certificate no longer meets the requirements of this section for issuance of a certificate. The department shall revoke a certificate at any time for failure of the person named on the certificate to meet the requirements of this section.

QUESTIONS? (850) 413-1609

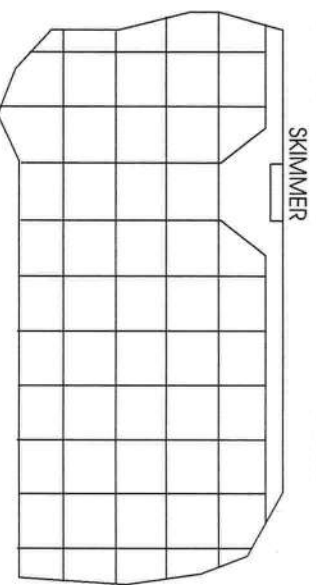
ATTN: CONNIE For Boatwright Permit
Thank You!

WALL - EXISTING
FENCE

Site Plan
Please include road numbers and driveway access

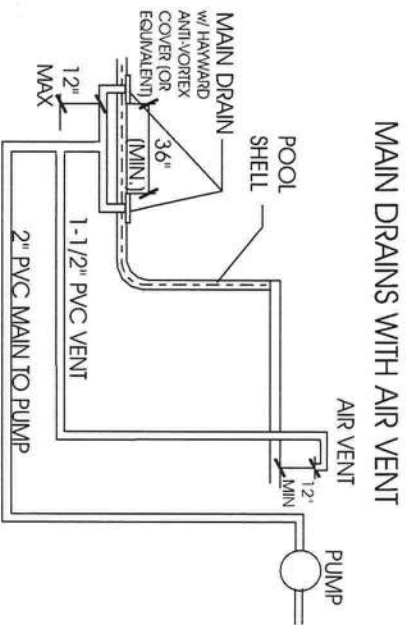


← NW HARKIS LAKE DR →

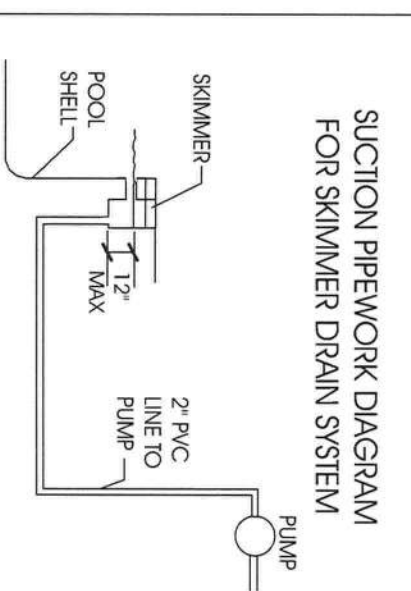


REINFORCING:
 #3 REBAR GRADE 40 @ 12" O.C.E.W. TO 8' DEPTH
 #3 REBAR GRADE 40 @ 6" O.C.E.W. OVER 8' DEPTH
 THE INTERSECTIONS W/ 16 GAUGE WIRE
 ALL BAR LAPS AT 16" MIN.

SHELL DETAIL

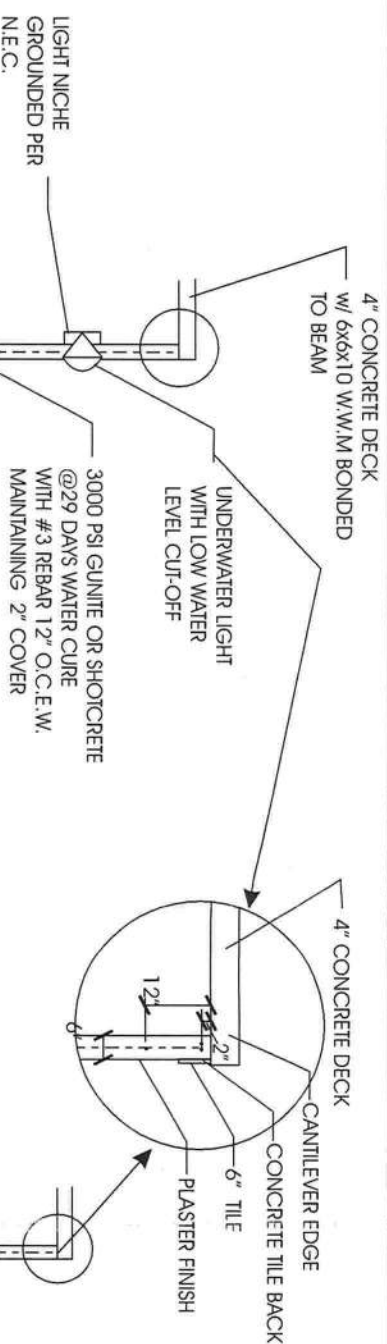


MAIN DRAINS WITH AIR VENT

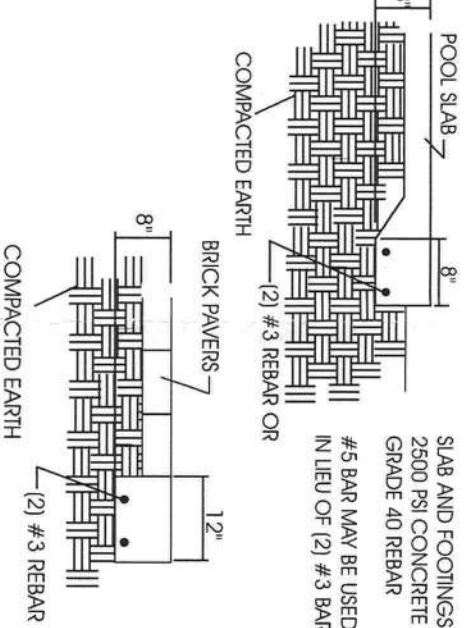


SUCTION PIPEWORK DIAGRAM FOR SKIMMER DRAIN SYSTEM

WALL SECTION



POOL SIDE DECK THICKENED EDGE DETAILS



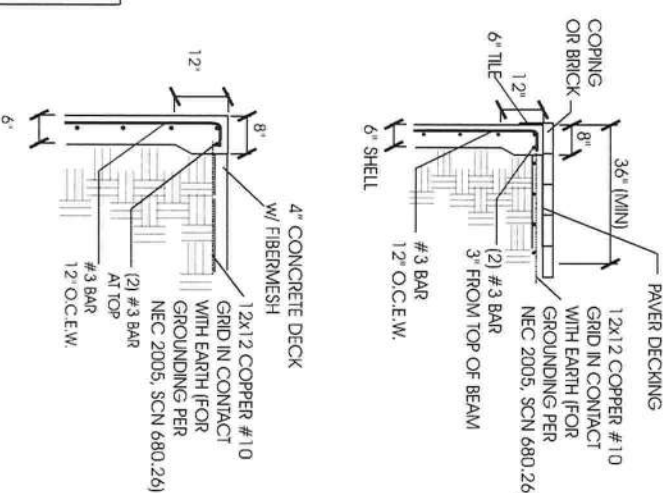
GENERAL NOTES

1. POOL SHELL HAS NOT BEEN DESIGNED TO RESIST POSSIBLE HYDROSTATIC UPLIFT FORCES. ENSURE WATER TABLE IS BELOW POOL SHELL OR CONSULT ENGINEER BEFORE REMOVING WATER FROM POOL. BACKFILL ADJACENT TO THE POOL SHELL MUST NOT BE REMOVED WHEN THE POOL IS FULL OF WATER.
2. THE POOL AREA SHALL BE FENCED OR SCREENED IN ACCORD WITH COUNTY OR CITY ORDINANCE. GATES OR SCREEN DOORS SHALL BE SELF LATCHING AND SELF CLOSING.
3. PIPING SHALL BE PVC SCHEDULE 40. PIPING SYSTEMS SHALL BE PRESSURE TESTED TO 35psf PRIOR TO COVERING PIPES.
4. MAXIMUM VELOCITY IN SUCTION LINES SHALL BE 10 f/s. MAXIMUM VELOCITY IN PRESSURE LINES SHALL BE 6 f/s.
5. QUANTITIES OF UNDERWATER LIGHTS, SKIMMERS, WALL INLETS, ETC. MAY VARY. HOWEVER, THERE SHALL BE AT LEAST (1) SKIMMER PER 800 SQ FT OF POOL SURFACE. (2) WALL RETURN INLETS.
6. PLACEMENT OF THE POOL EQUIPMENT SHALL COMPLY WITH LOCAL CODES AND NEIGHBORHOOD RESTRICTIONS.
7. EXISTING ELECTRICAL RECEPTACLES WITHIN 10 FT. OF POOL EDGE SHALL BE CAPPED PER NEC 680.22. A MINIMUM OF ONE RECEPTACLE SHALL BE INSTALLED IN COMPLIANCE WITH NEC 680.22(3).
8. SWIM-OUTS OR LADDERS ARE REQUIRED ON RESIDENTIAL POOLS.
9. ALL GLASS WINDOWS OR DOORS WITHIN 5' OF WATER EDGE MUST COMPLY WITH R308.4 FOR SAFETY GLAZING.
10. AN EQUIPOTENTIAL BONDING GRID SHALL BE INSTALLED PER 2005 NEC SECTION 680.26 (C)(3)(B).
11. MINIMUM EQUIPMENT REQUIREMENTS: 1HP PUMP 120 SQ. FT. CARTRIDGE FILTER OR 26 SQ. FT. DE FILTER. BUILDER SHALL SIZE PUMP AND FILTER BASED ON POOL VOLUME FOR AN 8 HOUR (MAX) TURNOVER.

The following codes are to be met where required:

- Florida Building Code - Residential 2004 w/ 2005 & 2006 Revisions, Chapter 41: Section R4101
- Florida Building Code - Mechanical 2004
- Florida Building Code - Plumbing 2004
- Florida Building Code - Fuel Gas 2004
- 2005 National Electric Code
- 98-76 Building Construction Administrative Code
- ANSI/NPSI 5-03 & 3-99

ALTERNATIVE WALL SECTIONS



CONTRACTOR:

SUPERIOR POOL SERVICES
 OF N CENTRAL FLORIDA
 25145 NW 8TH PLACE STE 40
 NEWBERRY, FLORIDA 32669
 P.352-472-9101 F. 352-472-0148
 OWNER:
 ADDRESS:

Lidon Engineering Company, Inc.
 548 B Hwy 27
 Minneola, Florida 34715
 (352) 394-2590 Ph. & FAX

ERC # 80157

July 18, 2008
 Robert C. Kany PE # 16739

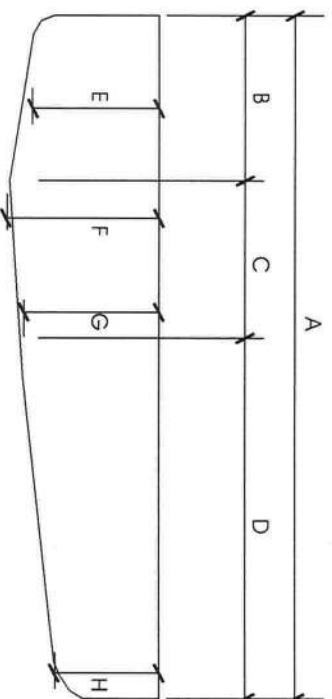


- NOTES:**
1. MAIN SUCTION LINE IS TO BE 2"
 2. VENT LINE IS TO BE 1-1/2"
 3. VENT LINE IS TO HAVE SCREENED CAP TO PREVENT CLOGGING WITH DEBRIS OR BUGS.
 4. LABEL VENT: HANDS OFF, POOL SAFETY DEVICE.
 5. MAXIMUM UNDERWATER LENGTH OF VENT PIPE IS 30 FEET. 90 DEGREE BENDS SHOULD BE COUNTED AS 3 FT OF PIPE. 45 DEGREE BENDS AS 2 FT.
 6. MINIMUM PUMP FLOW REQUIRED IS 42 gpm; TEST FLOW RATE OF 60 gpm CLEARED VENT LINE IN LESS THAN 3 SEC.

CALCULATIONS:
 MAXIMUM FLOW IN SUCTION LINE IS 6 FPS = 60 gpm
 VOLUME OF WATER IN 30 FT x 1.5" DIA. VENT LINE = 2.75 gal.
 MINIMUM TIME REQUIRED TO CLEAR LINE,
 $t_{min} = (2.75 \text{ gal}/60) * 60 = 2.75 \text{ sec.}$
 MINIMUM FLOW RATE REQUIRED TO CLEAR LINE IN 4 SECONDS:
 VOLUME OF WATER IN 30 FT x 1.5" DIA VENT LINE = 2.75 gal.
 FLOW TO CLEAR LINE:
 $q_{min} = (2.75 \text{ gal} / 4 \text{ sec}) * 60 \text{ sec}/\text{min} = 41.25 \text{ gpm.}$

DIMENSION REMARKS

- A UP TO 40'
 - B 7'
 - C 15'
 - D MIN. OF 8'
 - E MIN. OF 7'
 - F MIN. OF 8'
 - G MIN. OF 5'
 - H MIN. OF 3'
- APPLIES TO DIVING POOLS ONLY



TYPICAL POOL SECTION, TYPE 3

700 SQ. FT. MAX
 30,000 GAL. MAX.