

DATE 11/02/2006


Columbia County Building Permit

PERMIT
000025192

This Permit Expires One Year From the Date of Issue

APPLICANT	BRENT HANDY		PHONE	352.303.9282	
ADDRESS	4190	SW CR 240	LAKE CITY	FL	32024
OWNER	SCOTT STEWART		PHONE	752.3654	
ADDRESS	387	SW PRISM LOOP	LAKE CITY	FL	32024
CONTRACTOR	BRENT HANDY		PHONE	352.303.9282	
LOCATION OF PROPERTY	47-S TO SOUTHWOOD ACRES, TL TO BRENTWOOD, TL FOLLOW AROUND TO HAMLET, TL TO PRISM LOOP, TR & IT'S THE 2ND. DRIVE ON R.				
TYPE DEVELOPMENT	SWIMMING POOL		ESTIMATED COST OF CONSTRUCTION	51000.00	
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	36-4S-16-03382-003		SUBDIVISION	SOUTHWOOD ACRES	
LOT	3	BLOCK	PHASE	UNIT	4
				TOTAL ACRES	11.50

		CPC1456799		
Culvert Permit No.	Culvert Waiver	Contractor's License Number	Applicant/Owner/Contractor	
EXISTING	X-06-0387	BLK	JTH	N
Driveway Connection	Septic Tank Number	LU & Zoning checked by	Approved for Issuance	New Resident
COMMENTS: NOC ON FILE.				

Check # or Cash CASH REC'D.

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	Rough-in plumbing above slab and below wood floor	
date/app. by	date/app. by	
Electrical rough-in	Heat & Air Duct	Peri. beam (Lintel)
date/app. by	date/app. by	date/app. by
Permanent power	C.O. Final	Culvert
date/app. by	date/app. by	date/app. by
M/H tie downs, blocking, electricity and plumbing		Pool
	date/app. by	date/app. by
Reconnection	Pump pole	Utility Pole
date/app. by	date/app. by	date/app. by
M/H Pole	Travel Trailer	Re-roof
date/app. by	date/app. by	date/app. by

BUILDING PERMIT FEE \$	255.00	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					305.00
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."

This Permit Must Be Prominently Posted on Premises During Construction

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

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

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0610-93 Date Received 10/3/06 By CF Permit # 25192
 Application Approved by - Zoning Official B2K Date 02.11.06 Plans Examiner PK JTH Date 11-1-06
 Flood Zone N/A Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments _____

Applicants Name Brent Hardy Phone 352-303-9282
 Address 4190 SW CR-240, Lake City, FL 32024
 Owners Name Scott Stewart Phone 752-3654
 911 Address 387 SW Prism Loop, Lake City, FL 32024
 Contractors Name Brent Hardy aka Mad River Pool Construction Phone 352-303-9282
 Address 4190 SW CR-240, Lake City, FL 32024
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address Wayne Black, Cildon Engineering, 548B Hwy 27, Clermont FL 34711
 Mortgage Lenders Name & Address _____

Circle the correct power company - FL Power & Light - Clay Elec - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 36-45-16-03382-003 HX Estimated Cost of Construction \$1,000
 Subdivision Name Southwood Acres Lot 3 Block _____ Unit 4 Phase _____
 Driving Directions Hwy 47 South to Southwood Acres on Left turn onto
Brentwood follow around hard right to Hamlet turn Left to
1st right - Prism Loop to 387 SW Prism Loop (2nd Drive on R)
 Type of Construction inground swimming pool Number of Existing Dwellings on Property 1 house
 Total Acreage 11 1/2 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 80'± Side 70'± Side 500'± Rear 500'±
 Total Building Height _____ Number of Stories _____ Heated 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.

OWNERS AFFIDAVIT: 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.

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 31st day of Oct. 2006.

Personally known _____ or Produced Identification ✓

Contractor Signature

Contractors License Number CR 1456799

Competency Card Number _____

NOTARY STAMP/SEAL

AMY P. BAKER
 Notary Public, State of Florida
 Commission# DD516833
 My comm. expires Feb. 09, 2010

NOTICE OF COMMENCEMENT FORM
COLUMBIA COUNTY, FLORIDA

***THIS DOCUMENT MUST BE RECORDED AT THE COUNTY
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.***

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 this Notice of Commencement.

Tax Parcel ID Number 36-45-1603382-003HX

1. Description of property: (legal description of the property and street address or 911 address)

387 SW Prism Loop, Lake City, FL 32824
Lot 3 Southwood Acres Subdivision Unit 4

2. General description of Improvement: inground swimming pool

3. Owner Name & Address Scott Stewart

387 SW Prism Loop, Lake City, FL 32824 Interest in Property owner

4. Name & Address of Fee Simple Owner (if other than owner): Same

5. Contractor Name Brent Hardy aka Mad River Pool Construction Phone Number 352-303-9282

Address 4190 SW CR-240, Lake City, FL 32824

6. Surety Holders Name N/A

Phone Number _____

Address _____

Amount of Bond _____

Inst:2006025805 Date:10/31/2006 Time:09:41

DC,P.Dewitt Cason,Columbia County B:1100 P:1624

7. Lender Name N/A

Address _____

8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:

Name N/A Phone Number _____

Address _____

9. In addition to himself/herself the owner designates _____ of _____ to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -

(a) 7. Phone Number of the designee _____

10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording, (Unless a different date is specified) _____

NOTICE AS PER CHAPTER 713, Florida Statutes:

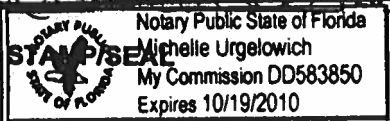
The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

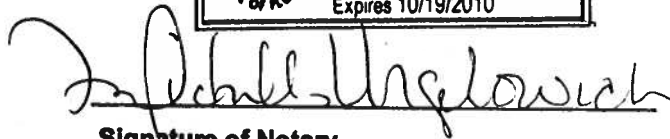


Signature of Owner

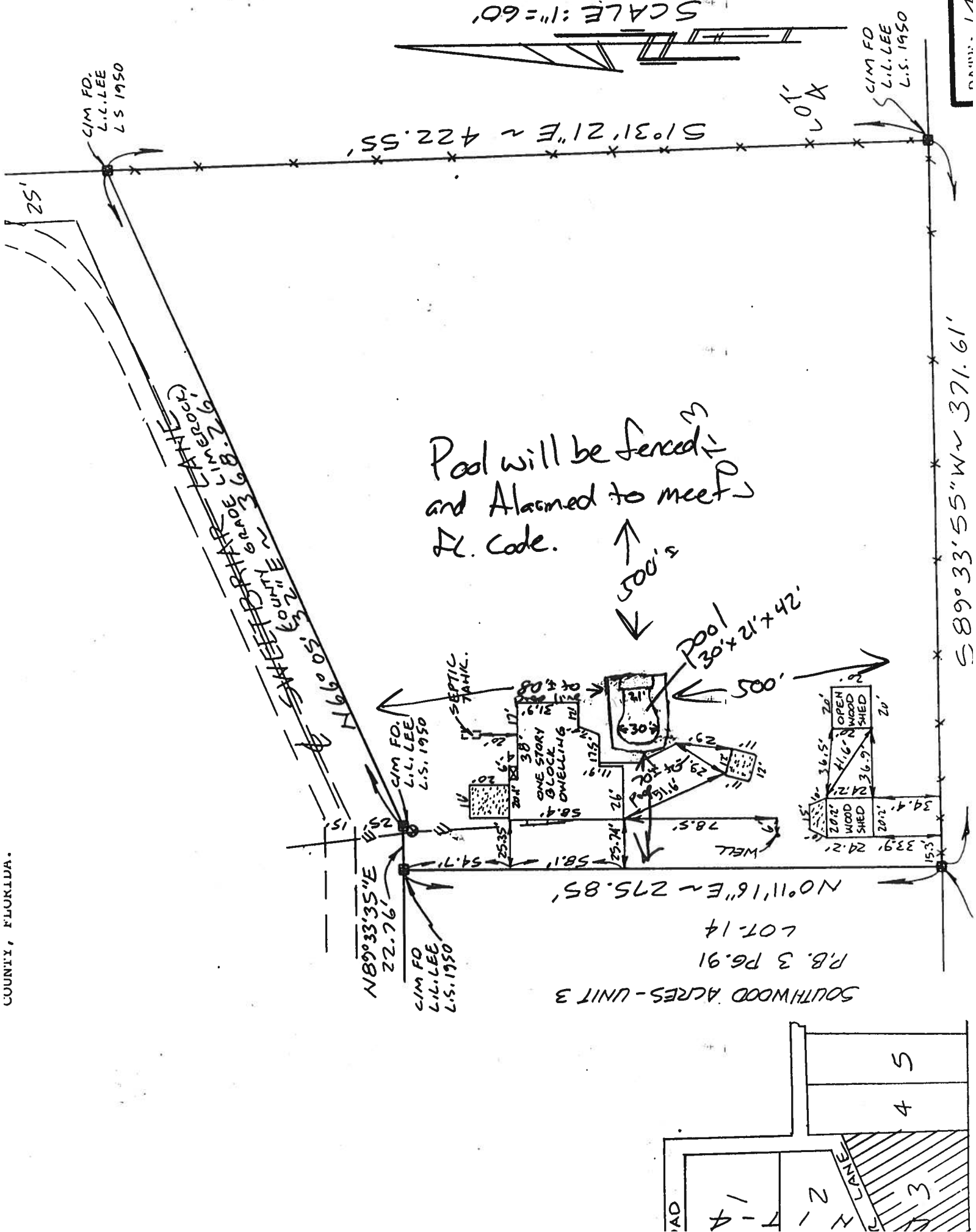
Sworn to (or affirmed) and subscribed before day of October 30, 2006

NOTARY





Signature of Notary



Columbia County Property Appraiser

DB Last Updated: 10/4/2006

2006 Proposed Values

Parcel: 36-4S-16-03382-003 HX

[Tax Record](#)[Property Card](#)[Interactive GIS Map](#)[Print](#)**Owner & Property Info**

<< Prev

Search Result: 4 of 4

Owner's Name	STEWART SCOTT D & PAMELA K
Site Address	SOUTHWOOD AC UNIT 4
Mailing Address	P O BOX 1208 LAKE CITY, FL 32056
Description	LOT 3 SOUTHWOOD ACRES S/D UNIT 4. ALSO BEG NE COR LOT 14 SOUTHWOOD ACRES UNIT 3, RUN S 275.85 FT TO SE COR LOT 14, NW 276.71 FT TO A PT ON S R/W SWEETBRIAR LANE, E 25 FT TO POB & COMM SE COR, RUN N 302.17 FT TO SE COR LOT 9 UNIT 4 SOUTHWOOD ACRES, RUN W 659.75 FT FOR POB, CONT W 1275.23 FT, S APPROX 300 FT TO S LINE OF SEC, E ALONG SEC LINE APPROX 1275 FT, N APPROX 300 FT TO POB & BEG W'LY COR LOT 14 UNIT 3, RUN E 335.46 FT, N 87.94 FT TO S R/W OF GLENWOOD DR & A PT ON A CURVE, RUN W'LY ALONG CURVE 328.53 FT TO POB. ORB 453-88, 697-741 707-373, 752-1450, 753-1649. & EX APPROX 0.37 AC DESC IN ORB 794-1116.

Use Desc. (code)	IMPROVED A (005000)
Neighborhood	36416.01
Tax District	3
UD Codes	MKTA01
Market Area	01
Total Land Area	11.450 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$41,496.00
Ag Land Value	cnt: (2)	\$2,323.00
Building Value	cnt: (3)	\$546,134.00
XFOB Value	cnt: (7)	\$43,040.00
Total Appraised Value		\$632,993.00

Just Value	\$684,494.00
Class Value	\$632,993.00
Assessed Value	\$466,197.00
Exempt Value	(code: HX) \$25,000.00
Total Taxable Value	\$441,197.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale Vlmp	Sale Qual	Sale RCode	Sale Price
9/25/1989	697/741	WD	I	Q		\$104,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	EXCEPT SFR (000900)	1975	Common BRK (19)	7697	9489	\$505,003.00
2	BARNS (008600)	1991	Mod Metal (25)	2250	4709	\$20,374.00
3	BARNS (008600)	1999	Mod Metal (25)	2700	3600	\$20,757.00
Note: All S.F. calculations are based on exterior building dimensions.						

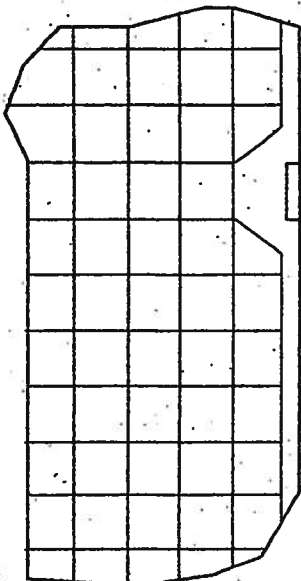
Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0180	FPLC 1STRY	0	\$2,150.00	1.000	0 x 0 x 0	(.00)
0280	POOL R/CON	1985	\$7,451.00	512.000	16 x 32 x 0	(.00)
0080	DECKING	1997	\$756.00	216.000	0 x 0 x 0	(.00)
0260	PAVEMENT-A	1997	\$2,000.00	1.000	12 x 350 x 0	(.00)
0297	SHED CONCR	1993	\$15,000.00	1.000	20 x 36 x 0	AP (25.00)

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
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SKIMMER

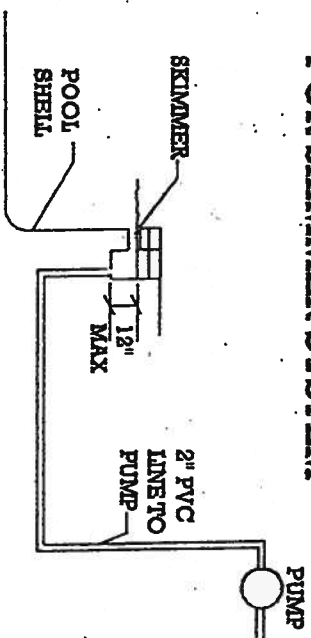


REINFORCING:

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

SHELL DETAIL

SUCTION PIPEWORK DIAGRAM FOR SKIMMER SYSTEM



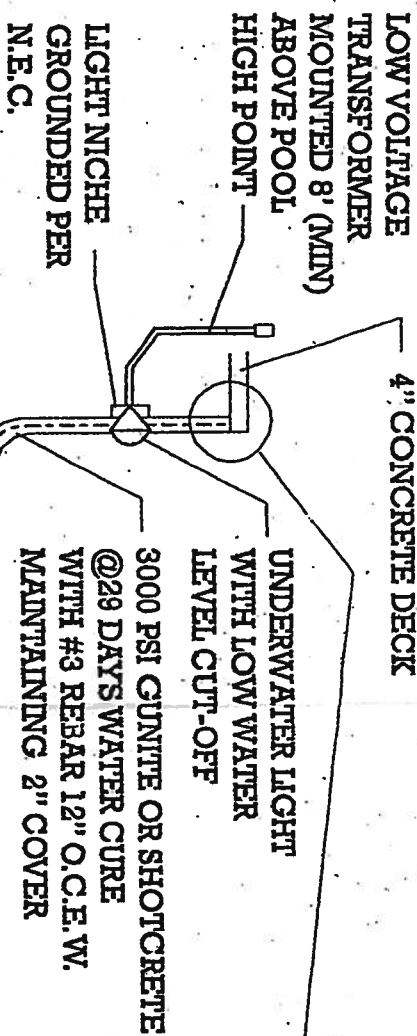
NOTES:

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 48 gpm. TEST FLOW RATE OF 60 gpm CLEARED VENT LINE IN LESS THAN 3 SEC.
7. THE ABOVE SYSTEM HAS BEEN APPROVED AS COMPLIANT WITH SECTION 494.2.6.8 OF THE FLORIDA BUILDING CODE.

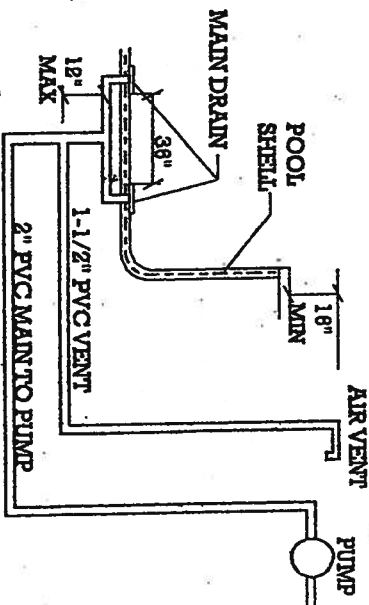
CALCULATIONS:

MAXIMUM FLOW IN SUCTION LINE IS 8 FPS = 60 gpm
VOLUME OF WATER IN 30 FT x 1.8" DIA VENT LINE = 2.78 gal.
MINIMUM TIME REQUIRED TO CLEAR LINE,
 $t_{min} = (2.78 \text{ gal}/60) \times 60 = 2.78 \text{ sec.}$
MINIMUM FLOW RATE REQUIRED TO CLEAR LINE IN 4 SECONDS:
VOLUME OF WATER IN 30 FT x 1.8" DIA VENT LINE = 2.78 gal.
FLOW TO CLEAR LINE,
 $q_{min} = (2.78 \text{ gal} / 4 \text{ sec}) \times 60 \text{ sec/min} = 41.28 \text{ gpm.}$

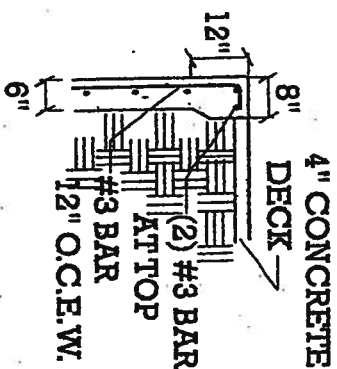
WALL SECTION



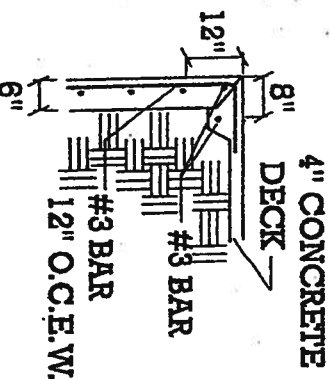
MAIN DRAINS WITH AIR VENT



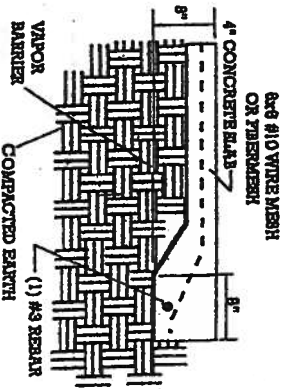
ALTERNATIVE WALL SECTION



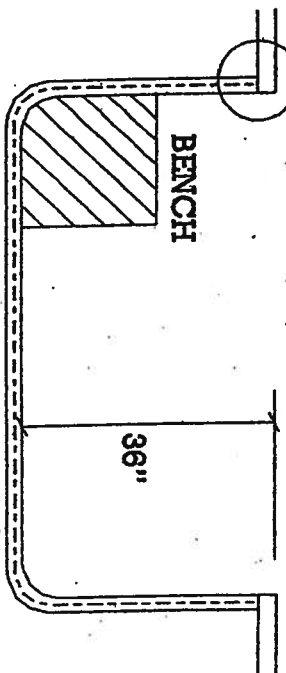
ALTERNATIVE WALL SECTION



THICKENED EDGE



SPA DETAIL



GENERAL NOTES

1. FOR RESIDENTIAL POOLS UP TO WATER DEPTH OF 8'0", USE #3 REBAR 12" O.C.E.W. FOR DEPTHS GREATER THAN 8'0", ADDITIONAL ENGINEERING IS REQUIRED.
2. CONCRETE COVER OVER REBAR MUST COMPLY WITH ALL BUILDING CODES. THIS POOL IS NOT DESIGNED TO RESIST POSSIBLE HYDROSTATIC UPLIFT FORCES. THE WATER SHALL NEVER BE REMOVED FROM THE POOL STRUCTURE UNLESS ALL HYDROSTATIC UPLIFT FORCES ARE TOTALLY REMOVED.
3. REINFORCING BARS SHALL CONFORM TO ASTM-A16-88T AND A308-88T.
4. THE POOL AREA SHALL BE FENCED OR SCREENED PER COUNTY/CITY ORDINANCE. GATES SHALL BE SELF LATCHING AND SELF CLOSING.
5. PIPING SHALL BE PVC SCHEDULE 40. PIPING SYSTEMS SHALL BE PRESSURE TESTED TO 80psi PRIOR TO COVERING PIPES.
6. MAXIMUM VELOCITY IN SUCTION LINES SHALL BE 6 fps. MAXIMUM VELOCITY IN PRESSURE LINES SHALL BE 10 fps.
7. FLOOR THICKNESS SHALL BE A MINIMUM OF 6" WITH CODE REQUIRED COVER OF REINFORCING (MINIMUM OF 2").
8. FLOOR REINFORCING SHALL BE #3 BARS @ 12" OC EW. (STRUCTURAL GRADE 40 STEEL)
9. 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.
10. PLACEMENT OF THE FILTRATION EQUIPMENT SHALL COMPLY WITH ALL LOCAL CODES AND NEIGHBORHOOD RESTRICTIONS.
11. ELECTRICAL TO CONFORM TO LOCAL CODES.
12. THE SOIL BEHIND THE POOL WALL IS AN INTEGRAL PART OF THE STRUCTURE AND MUST NOT BE REMOVED WHEN THE POOL IS FULL OF WATER.
13. SWIM-OUTS AND/OR LADDERS ARE REQUIRED ON RESIDENTIAL POOLS.
14. ENGINEERING PER FBC 2001.

OCT 06 2004

LILDON ENGINEERING
548B HWY 27
CLERMONT, FL 34711

Wayne A. Block, P.E. # 52583
(352) 394 2590

POOL CONSTRUCTION DETAILS

TYPICAL POOL SECTION

