

DATE10/23/2007

Columbia County Building Permit

PERMIT000026353

This Permit Expires One Year From the Date of Issue

APPLICANTBRENT HANDY

PHONE352 303-9282

ADDRESS4190SW CR 240

LAKE CITYFL32024

OWNERPETER NICHOLS

PHONE386 965-0530

ADDRESS208SW FREEMAN GLEN

LAKE CITYFL32055

CONTRACTORBRENT HANDY

PHONE352 303-9282

LOCATION OF PROPERTY

47S. TL ON WALTER AVE, TL ON LITTLE RD, TR ON FREEMAN GLEN, 3RD LOT ON LEFT

TYPE DEVELOPMENTSWIMMING POOL

ESTIMATED COST OF CONSTRUCTION32000.00

HEATED FLOOR AREA

TOTAL AREA

HEIGHT

STORIES

FOUNDATION

WALLS

ROOF PITCH

FLOOR

LAND USE & ZONINGA-3

MAX. HEIGHT

Minimum Set Back Requirments:

STREET-FRONT30.00

REAR25.00

SIDE25.00

NO. EX.D.U.1

FLOOD ZONENA

DEVELOPMENT PERMIT NO.

PARCEL ID01-5S-16-03388-002

SUBDIVISION

LOT

BLOCK

PHASE

UNIT

TOTAL ACRES

CPC1456799

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING

X07-395

BK

JH

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: NOC ON FILE

Check # or CashCASH

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 \$160.00

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 FEE210.00

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.

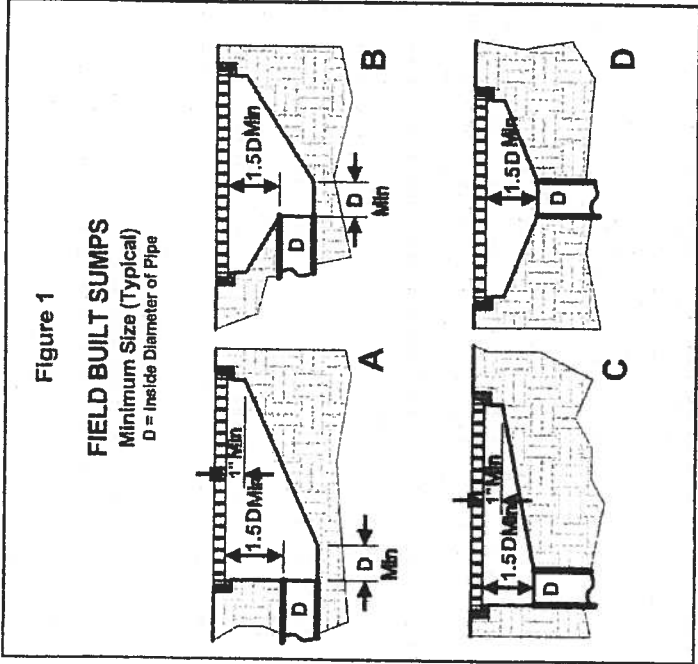
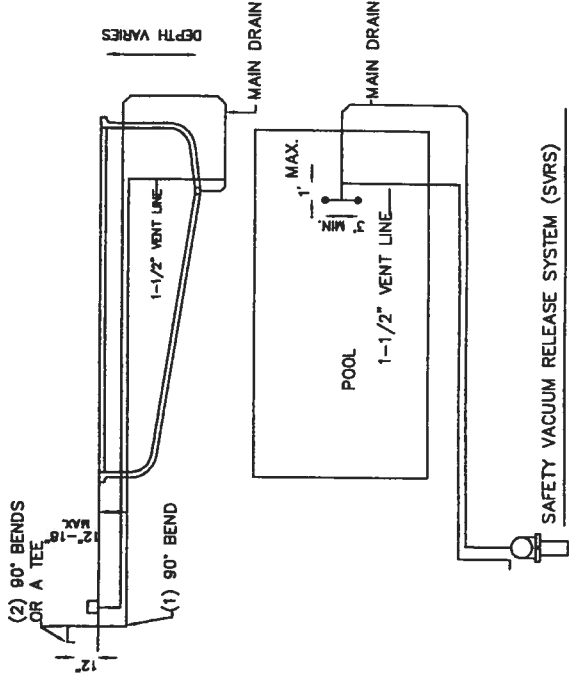
"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

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 INCONVENIENCE, 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.

1. THIS SAFETY VACUUM RELIEF SYSTEM IS A NON-MECHANICAL VENT SYSTEM THAT WILL LIMIT THE TRANSMISSION OF SUCTON AT THE OUTLET TO A MAXIMUM OF 4.5 INCHES OF MERCURY.
2. THIS SYSTEM IS A BACKUP TO PROVIDE SUCTION RELIEF SHOULD ENTRAPMENT OCCUR.
3. POOL AND SPA SUCTION INLETS SHALL BE PROVIDED WITH A COVER THAT COMPIES WITH ANSI/ASME A112.19.8
4. ALL MANUFACTURED SUMPS SHALL COMPLY WITH ANSI/ASME A112.19.8. IF A FIELD-BUILT SUMP IS USED, ITS CONSTRUCTION SHALL COMPLY WITH THE MINIMUM DIMENSIONS SHOWN IN FIGURE 1.
5. THE VELOCITY ON THE SUCTION SIDE OF THE CIRCULATION SYSTEM SHALL NOT EXCEED SIX (6) FPS.
6. CHECK VALVES CANNOT BE INSTALLED ON THE SUCTION SYSTEM.
7. THIS SYSTEM SHALL BE INSTALLED AND TESTED BY A QUALIFIED, LICENSED SWIMMING POOL PROFESSIONAL
8. THE VENT LINE LENGTH MUST NOT EXCEED THE TOTAL LENGTH OF THE MAIN DRAIN LINE.
9. VENT OPENING MUST BE COVERED WITH WIRE MESH SCREEN TO PREVENT INSECTS, DEBRIS COLLECTION AND BACTERIA.
10. LABEL VENT: POOL SAFETY DEVICE- DO NOT HANDLE



APPROVED SWIMMING POOL & SPA  
DUAL MAIN DRAIN ATMOSPHERIC VENT (SVRS)  
COMPLIANT WITH SECTION 424.2.6.6 (R4101) FLORIDA BUILDING  
CODE FOR RESIDENTIAL APPLICATIONS.

ENTRAPMENT AVOIDANCE  
VENT PIPE ANALYSIS-MAXIMUM LENGTH

PIPE SIZES INCHES	AVERAGE FLOW GPM	VELOCITY FT. PER SEC.	VENT PIPE SIZE	MAXIMUM LENGTH FT.
2"	60	5.74	1 1/2"	32
2"	75	7.17	1 1/2"	41
2 1/2"	100	6.7	1 1/2"	54
2 1/2"	110	7.37	1 1/2"	60
3"	135	5.86	1 1/2"	73
3"	145	6.29	1 1/2"	79
3"	175	7.59	1 1/2"	95
4"	325	8.19	1 1/2"	177

This analysis is based upon maintaining the length of pipe below the operating level of the pool, vertical and horizontal, to vacate within 3 seconds based on the size of the pump and the average flow rate. Due to the hydraulic gradient caused by the pump and piping, the vent line should be located as close to the tee at the dual main drain, as possible with a maximum distance of 12".

This document is the intellectual property of Jason W. Rice, P.E. and cannot be reproduced in whole or part without the expressed written approval of the engineer of record. This document is not valid without the seal of Jason W. Rice, P.E.

PROVIDED BY:

Jason W. Rice, P.E.

PHONE 804-514-0743  
FAX 804-368-7287  
Jasonwrice@aol.com

JASON W. RICE, P.E.  
10289 PENNINGCROFT LANE  
MECHANICSVILLE, VA 23116

REUSE OF DOCUMENTS: THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICES, IS THE PROPERTY OF JASON W. RICE, P.E. AND IS NOT TO BE USED IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF JASON W. RICE, P.E.	DATE	REVISION	APPROVED	MEMBER <b>FCSPA</b> Florida Swimming Pool Association	January 22, 2007 Jason W. Rice, P.E. LICENSE # 58742 EXPIRES 2-28-2008	DRAWN BY: JWR
						CHECKED BY: JWR
						DATE: 7-21-05
						JOB # 06-012201.00
				PAGE 1 OF 1		

