

DATE 08/12/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022186

APPLICANT J.L. DUPREE CONSTR. S. REGAR. PHONE 386.752.2171

ADDRESS 1944 E. DUVAL STREET LAKE CITY FL 32055

OWNER PHOENIX LAND DEV.& PROP. MNGMNT. PHONE 386.752.2171

ADDRESS 112 SW BIRCH GLEN LAKE CITY FL 32024

CONTRACTOR J.L. DUPREE CONSTR. PHONE 386.752.2171

LOCATION OF PROPERTY 90-W TO DEPUTY J. DAVIS LANE,(PINEMOUNT TO LAUREL LAKE S/D  
L, GO TO SW BIRCH GLEN, 1ST. LOT ON R.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 92400.00

HEATED FLOOR AREA 1848.00 TOTAL AREA 2581.00 HEIGHT 23.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8'12 FLOOR CONC

LAND USE & ZONING RSF-2 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE XPP DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-023/2-116 SUBDIVISION LAUREL LAKE

LOT 16 BLOCK PHASE UNIT TOTAL ACRES .50

000000380 CGC060631

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

18"X32"MITERED X-04-0180 BLK RTJ N

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

COMMENTS: NOC ON FILE

1 FOOT ABOVE ROAD

Check # or Cash 1434

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 \$ 465.00 CERTIFICATION FEE \$ 12.91 SURCHARGE FEE \$ 12.91

MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 565.82

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.

PERMIT# \_\_\_\_\_

**NOTICE OF COMMENCEMENT**  
STATE OF: FLORIDA COUNTY OF: COLUMBIA CITY OF: Lake City

\*\*\*\*\*  
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.  
\*\*\*\*\*

**DESCRIPTION OF PROPERTY**

SECTION: 03 TOWNSHIP: 4S RANGE: 16 TAX PARCEL #: 03-4S-16-02732-116  
LOT: 16 BLOCK: \_\_\_\_\_ SUBDIVISION: Laurel Lakes  
PLATBOOK #: \_\_\_\_\_ MAP PAGE #: \_\_\_\_\_  
STREET ADDRESS: \_\_\_\_\_  
\*\*\*\*\*

**GENERAL DESCRIPTION OF IMPROVEMENT**

TO CONSTRUCT: 2,049 sq. ft. single family residence  
\*\*\*\*\*

**OWNER INFORMATION**

NAME: Phoenix Land Development & Property Management, Inc. PHONE NUMBER: 754-2171  
ADDRESS: P.O. Box 2187 Lake City  
STATE: Florida ZIP CODE: 32056  
INTEREST IN THE PROPERTY: Owner/Developer  
FEE SIMPLE TITLEHOLDER NAME (OTHER THAN OWNER): \_\_\_\_\_  
FEE SIMPLE TITLEHOLDER ADDRESS: \_\_\_\_\_  
\*\*\*\*\*

CONTRACTOR NAME: J.L. DUPREE PHONE NUMBER: 386-754-5678  
COMPANY NAME: J.L. DUPREE CONSTRUCTION SERVICES, INC. FAX NUMBER: 386-754-5431  
ADDRESS: P.O. BOX 2861 CITY: LAKE CITY  
STATE: FLORIDA ZIP CODE: 32056

BONDING COMPANY: N/A PHONE NUMBER: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ FAX NUMBER: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

LENDER NAME: N/A PHONE NUMBER: \_\_\_\_\_  
ADDRESS: \_\_\_\_\_ FAX NUMBER: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_  
\*\*\*\*\*

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), Florida Statute:

NAME: N/A ADDRESS: \_\_\_\_\_  
CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP CODE: \_\_\_\_\_

In addition to himself, the owner designates N/A of \_\_\_\_\_  
To receive a copy of the Lienor's notice as provided in Section 713.13(1)(b) Florida Statutes.

\*\*\*\*\*  
Expiration date of Notice of Commencement (the expiration date is one (1) year from the date of recording unless a different date is specified): \_\_\_\_\_

SIGNATURE OF OWNER: [Signature]  
Sworn to and subscribed before me this 30th day of July, 2004.  
Known personally/I.D. Shown \_\_\_\_\_  
Notary: [Signature] My commission expires: 10-3-04



## Columbia County Building Permit Application

**For Office Use Only** Application # 0407-62 Date Received 7-21-04 By LH Permit # 22186  
 Application Approved by - Zoning Official BLK Date 06.08.04 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone Xerophyt Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Land  
 Comments NOC / EH

Applicants Name PHOENIX LAND DEVELOPMENT & PROPERTY MANAGEMENT Phone 752-2171  
 Address 1944 E DUVAL ST. PO BOX 2187 LAKE CITY, FL 32056  
 Owners Name PHOENIX LAND DEVELOPMENT & PROPERTY MANAGE. Phone 752-2171  
 911 Address 112 SW BIRCH GLN. LAKE CITY, FL. 32024  
 Contractors Name J.L DUPREE CONSTRUCTION SERVICES, INC. Phone 754-5678  
 Address PO BOX 2861 LAKE CITY, FL 32056  
 Fee Simple Owner Name & Address \_\_\_\_\_  
 Bonding Co. Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address FREEMAN DESIGN GROUP 758-4209  
 Mortgage Lenders Name & Address \_\_\_\_\_

Property ID Number 03-4s-16-02732-116 Estimated Cost of Construction 122,000.00  
 Subdivision Name LAUREL LAKE Lot 16 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
 Driving Directions 90 west to Deputy J Davis Ln. (Pinemount) to Laurel Lake Subdivision on r  
left on SW Birch Gln. 1st lot on right

Type of Construction Residential SFD Number of Existing Dwellings on Property 0  
 Total Acreage .5046 Lot Size \_\_\_\_\_ Do you need a Culvert Permit or Culvert Waiver or Have an Existing ?  
 Actual Distance of Structure from Property Lines - Front 28' Side 50' Side 14' ? Rear 180'  
 Total Building Height 23' Number of Stories 1 Heated Floor Area 1848 Roof Pitch 8/12

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 20th day of July 20 04

Personally known x or Produced Identification \_\_\_\_\_

Contractor Signature \_\_\_\_\_  
 Contractors License Number CGC060631  
 Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL

Notary Signature \_\_\_\_\_

03-4S-16-02732-116

LOT 16 LAUREL LAKE S/D.  
ORB 976-489.PHOENIX LAND DEVELOPMENT &  
PROPERTY MANAGEMENT INC  
RT 17 BOX 1000-5  
LAKE CITY

03-4S-16-02732-116

Columbia Cou

FL 32055

PRINTED 6/23/2004 8:41  
APPR 3/19/2003 DF

USE	AE?	HTD AREA	.000 INDEX	3416.00 NBHD	PROP USE	0000
MOD	BATH	EFF AREA	E-RATE	.000 INDX	STR 3- 4S- 16	
EXW	FIXT	RCN		AYB	MKT AREA 01	
%	BDRM	%GOOD	BLDG VAL	EYB	(PUD1	
RSTR	RMS				AC	
RCVR	UNTS	3FIELD CK:		3	NTCD	
%	C-W%	3LOC: CC		3	APPR CD	
INT	HGHT	3		3	CNDO	
%	PMTR	3		3	SUBD	
FLR	STYS	3		3	BLK	
%	ECON	3		3	LOT	
HTTP	FUNC	3		3	MAP# 45-A	
A/C	SPCD	3		3		
QUAL	DEPR	3		3	TXDT 002	
FNDN	UD-1	3		3		
SIZE	UD-2	3		3	----- BLDG TRA	
CEIL	UD-3	3		3		
ARCH	UD-4	3		3		
FRME	UD-5	3		3		
KTCH	UD-6	3		3		
WINDO	UD-7	3		3		
CLAS	UD-8	3		3		
OCC	UD-9	3		3		
COND	%	3		3	----- PERMIT:	
SUB	A-AREA % E-AREA	SUB VALUE	3	3	NUMBER DESC	
			3	3		
			3	3		
			3	3	----- SALE	
			3	3	BOOK PAGE DATE	
			3	3	976 489 2/27/2000	
			3	3	GRANTOR CLYDE B MUSGROVI	
			3	3	GRANTEE PHOENIX LAND DE	
			3	3		
			3	3	GRANTOR	
			3	3	GRANTEE	

TOTAL

-----EXTRA FEATURES-----										FIELD CK:								
AE	BN	CODE	DESC	LEN	WID	HGHT	QTY	QL	YR	ADJ	UNITS	UT	PRICE	ADJ	UT	PR	SPCD	%
		LAND	DESC	ZONE	ROAD	{UD1	{UD3	FRONT	DEPTH	FIELD CK:								
AE	CODE		TOPO	UTIL	{UD2	{UD4	BACK	DT	ADJUSTMENTS		UNITS	UT	PRICE	ADJ	UT	PR		
Y	000000	VAC RES	RSF-2	0009					1.00 1.00 1.00 1.00		1.000	LT	17500.000			17500.0		
			0002	0003														

L001 - .50 AC  
2004



# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	<b>The Aspen Model II</b>	Builder:	<b>Jody Dupree</b>
Address:	<b>Lot: 16, Sub: Laurel Lake, Plat:</b>	Permitting Office:	<b>Columbia</b>
City, State:	<b>Lake City, FL 32055-</b>	Permit Number:	
Owner:	<b>Jody Dupree</b>	Jurisdiction Number:	<b>221000</b>
Climate Zone:	<b>North</b>		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1848 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft <sup>2</sup> 161.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
b. Default tint	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 6.80
c. Labeled U or SHGC	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 189.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 50.0 gallons
c. N/A			EF: 0.92
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1296.0 ft <sup>2</sup>	c. Conservation credits	
b. Frame, Wood, Exterior	R=13.0, 280.0 ft <sup>2</sup>	(HR-Heat recovery, Solar	
c. Frame, Wood, Adjacent	R=13.0, 256.0 ft <sup>2</sup>	DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1848.0 ft <sup>2</sup>	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 62.0 ft		
b. N/A			

Glass/Floor Area: 0.09

Total as-built points: 26303  
Total base points: 29393

## PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.

**PREPARED BY:** William H. Freeman

**DATE:** 7/6/04

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.

**OWNER/AGENT:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.



**BUILDING OFFICIAL:** \_\_\_\_\_

**DATE:** \_\_\_\_\_

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	1848.0	20.04	6666.1	Double, Clear	W	2.0	7.0	20.0	38.52	0.89	683.2
				Double, Clear	W	2.0	7.0	10.0	38.52	0.89	341.6
				Double, Clear	W	2.0	7.0	15.0	38.52	0.89	512.4
				Double, Clear	W	2.0	6.0	30.0	38.52	0.85	981.7
				Double, Clear	N	2.0	6.0	16.0	19.20	0.90	276.5
				Double, Clear	E	2.0	9.0	36.0	42.06	0.93	1412.3
				Double, Clear	E	2.0	7.0	15.0	42.06	0.89	559.0
				Double, Clear	S	2.0	3.0	4.0	35.87	0.59	84.7
				Double, Clear	S	2.0	7.0	15.0	35.87	0.82	441.2
				<b>As-Built Total:</b>				<b>161.0</b>	<b>5292.5</b>		
<b>WALL TYPES</b> Area X BSPM = Points				Type		R-Value		Area X SPM = Points			
Adjacent	256.0	0.70	179.2	Frame, Wood, Exterior		13.0		1296.0	1.50	1944.0	
Exterior	1576.0	1.70	2679.2	Frame, Wood, Exterior		13.0		280.0	1.50	420.0	
				Frame, Wood, Adjacent		13.0		256.0	0.60	153.6	
<b>Base Total:</b>				<b>As-Built Total:</b>				<b>1832.0</b>	<b>2517.6</b>		
<b>DOOR TYPES</b> Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	17.8	2.40	42.7	Exterior Insulated				33.3	4.10	136.7	
Exterior	84.5	6.10	515.3	Adjacent Insulated				17.8	1.60	28.4	
				Exterior Insulated				33.3	4.10	136.7	
				Exterior Insulated				17.8	4.10	72.9	
<b>Base Total:</b>				<b>As-Built Total:</b>				<b>102.3</b>	<b>374.8</b>		
<b>CEILING TYPES</b> Area X BSPM = Points				Type		R-Value		Area X SPM X SCM = Points			
Under Attic	1848.0	1.73	3197.0	Under Attic		30.0		1848.0	1.73 X 1.00	3197.0	
<b>Base Total:</b>				<b>As-Built Total:</b>				<b>1848.0</b>	<b>3197.0</b>		
<b>FLOOR TYPES</b> Area X BSPM = Points				Type		R-Value		Area X SPM = Points			
Slab	189.0(p)	-37.0	-6993.0	Slab-On-Grade Edge Insulation		0.0		189.0(p)	-41.20	-7786.8	
Raised	0.0	0.00	0.0								
<b>Base Total:</b>				<b>As-Built Total:</b>				<b>189.0</b>	<b>-7786.8</b>		
<b>INFILTRATION</b> Area X BSPM = Points								Area X SPM = Points			
								1848.0	10.21	18868.1	

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		25154.6		Summer As-Built Points:					22463.3						
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
25154.6		0.4266		10731.0	22463.3		1.000		(1.090 x 1.147 x 0.91)		0.341		1.000		8722.5
					22463.3		1.00		1.138		0.341		1.000		8722.5

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	1848.0	12.74	4237.8	Double, Clear	W	2.0	7.0	20.0	20.73	1.03	427.5
				Double, Clear	W	2.0	7.0	10.0	20.73	1.03	213.8
				Double, Clear	W	2.0	7.0	15.0	20.73	1.03	320.6
				Double, Clear	W	2.0	6.0	30.0	20.73	1.04	648.4
				Double, Clear	N	2.0	6.0	16.0	24.58	1.00	395.1
				Double, Clear	E	2.0	9.0	36.0	18.79	1.03	695.8
				Double, Clear	E	2.0	7.0	15.0	18.79	1.05	294.7
				Double, Clear	S	2.0	3.0	4.0	13.30	2.06	109.8
				Double, Clear	S	2.0	7.0	15.0	13.30	1.17	233.6
				<b>As-Built Total:</b>		<b>161.0</b>			<b>3339.3</b>		
<b>WALL TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	256.0	3.60	921.6	Frame, Wood, Exterior	13.0		1296.0	3.40	4406.4		
Exterior	1576.0	3.70	5831.2	Frame, Wood, Exterior	13.0		280.0	3.40	952.0		
				Frame, Wood, Adjacent	13.0		256.0	3.30	844.8		
<b>Base Total:</b>				<b>As-Built Total:</b>		<b>1832.0</b>			<b>6203.2</b>		
<b>DOOR TYPES</b> Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	17.8	11.50	204.5	Exterior Insulated			33.3	8.40	280.1		
Exterior	84.5	12.30	1039.1	Adjacent Insulated			17.8	8.00	142.2		
				Exterior Insulated			33.3	8.40	280.1		
				Exterior Insulated			17.8	8.40	149.4		
<b>Base Total:</b>				<b>As-Built Total:</b>		<b>102.3</b>			<b>851.9</b>		
<b>CEILING TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1848.0	2.05	3788.4	Under Attic	30.0		1848.0	2.05 X 1.00	3788.4		
<b>Base Total:</b>				<b>As-Built Total:</b>		<b>1848.0</b>			<b>3788.4</b>		
<b>FLOOR TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	189.0(p)	8.9	1682.1	Slab-On-Grade Edge Insulation	0.0		189.0(p)	18.80	3553.2		
Raised	0.0	0.00	0.0								
<b>Base Total:</b>				<b>As-Built Total:</b>		<b>189.0</b>			<b>3553.2</b>		
<b>INFILTRATION</b> Area X BWPM = Points						Area X WPM = Points					
1848.0 -0.59 -1090.3						1848.0 -0.59 -1090.3					



**WINTER CALCULATIONS****Residential Whole Building Performance Method A - Details**

ADDRESS: Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT						
<b>Winter Base Points:</b>		<b>16614.4</b>		<b>Winter As-Built Points:</b>					<b>16645.7</b>	
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
<b>16614.4</b>		<b>0.6274</b>	<b>10423.9</b>	<sup>16645.7</sup> <b>16645.7</b>		<b>1.00</b>	(1.069 x 1.169 x 0.93)	<b>0.501</b>	<b>1.000</b>	<sup>9701.1</sup> <b>9701.1</b>

# WATER HEATING & CODE COMPLIANCE STATUS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	Multiplier X Credit Multiplier	= Total
3		2746.00	8238.0	50.0	0.92	3	1.00	2626.61	7879.8
				As-Built Total:					7879.8

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points	Cooling Points	+ Heating Points	+ Hot Water Points	= Total Points
10731	10424	8238	29393	8722	9701	7880	26303

PASS



# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

**6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)**

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 78%.	
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	610.1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated, and installed in accordance with the criteria of Section 610. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	604.1, 602.1	Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	



# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 84.3**

**The higher the score, the more efficient the home.**

Jody Dupree, Lot: 16, Sub: Laurel Lake, Plat: , Lake City, FL, 32055-

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 30.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 10.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	Yes	___	c. N/A	___
6. Conditioned floor area (ft <sup>2</sup> )	1848 ft <sup>2</sup>	___		___
7. Glass area & type	Single Pane	Double Pane		___
a. Clear - single pane	0.0 ft <sup>2</sup>	161.0 ft <sup>2</sup>	13. Heating systems	
b. Clear - double pane	0.0 ft <sup>2</sup>	0.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 30.0 kBtu/hr
c. Tint/other SHGC - single pane	0.0 ft <sup>2</sup>	0.0 ft <sup>2</sup>		HSPF: 6.80
d. Tint/other SHGC - double pane			b. N/A	___
8. Floor types			c. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 189.0(p) ft	___		___
b. N/A		___	14. Hot water systems	
c. N/A		___	a. Electric Resistance	Cap: 50.0 gallons
9. Wall types				EF: 0.92
a. Frame, Wood, Exterior	R=13.0, 1296.0 ft <sup>2</sup>	___	b. N/A	___
b. Frame, Wood, Exterior	R=13.0, 280.0 ft <sup>2</sup>	___	c. Conservation credits	___
c. Frame, Wood, Adjacent	R=13.0, 256.0 ft <sup>2</sup>	___	(HR-Heat recovery, Solar	
d. N/A		___	DHP-Dedicated heat pump)	
e. N/A		___	15. HVAC credits	___
10. Ceiling types			(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 1848.0 ft <sup>2</sup>	___	HF-Whole house fan,	
b. N/A		___	PT-Programmable Thermostat,	
c. N/A		___	MZ-C-Multizone cooling,	
11. Ducts			MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 62.0 ft	___		
b. N/A		___		

I certify that this home has complied with the Florida Energy Efficiency Code For Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: \_\_\_\_\_

Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_

City/FL Zip: \_\_\_\_\_



*\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at [www.fsec.ucf.edu](http://www.fsec.ucf.edu) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs Energy Gauge<sup>®</sup> (Version: FLRCPB v3.30)*

# Columbia County Building Department Culvert Permit

Culvert Permit No.  
**000000380**

DATE 08/12/2004 PARCEL ID # 03-4S-16-02<sup>73</sup>72-116  
APPLICANT J.L. DUPREE CONSTR. SVCS-SHANNON REGAR PHONE 386.752.2171  
ADDRESS 1944 E. DUVAL STREET LAKE CITY FL 32024  
OWNER PHOENIX LAND DE. & PROP. MGMTMT. PHONE 386.752.2171  
ADDRESS 112 SW BIRCH GLEN LAKE CITY FL 32024  
CONTRACTOR J.L. DUPREE PHONE 386.752.2171  
LOCATION OF PROPERTY 90-W TO DEPUTY J. DAVIS LANE(PINEOUNT), TO LAUREL LAKE S/D ON L. TO  
SW BIRCH GLEN, 1ST. LOT ON RIGHT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT LAUREL LAKE 16

SIGNATURE 

## INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
  - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other \_\_\_\_\_

ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED  
DURING THE INSTALATION OF THE CULVERT.

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

Amount Paid 25.00





Engineers • Planners

22186

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

September 23, 2004

Columbia County Building and Zoning

RE: Lot 16 Laurel Lakes Subdivision

To whom it may concern:

I have reviewed the Flood Insurance Rate Map and have determined the property is not located in a flood zone. I have performed a site evaluation of the existing structure. I certify that placing the finished floor elevation at least 12" above finished grade is adequate to prevent flood and water damage. Grade the perimeter so that all runoff drains away from the building.

Sincerely,

A handwritten signature in cursive script that reads "William H. Freeman".

William H. Freeman, P.E.  
President  
Cert. Of Authorization 00008701





APPROXIMATE SCALE IN FEET  
2000 0 2000

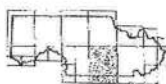
NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)

PANEL 175 OF 290

PANEL LOCATION



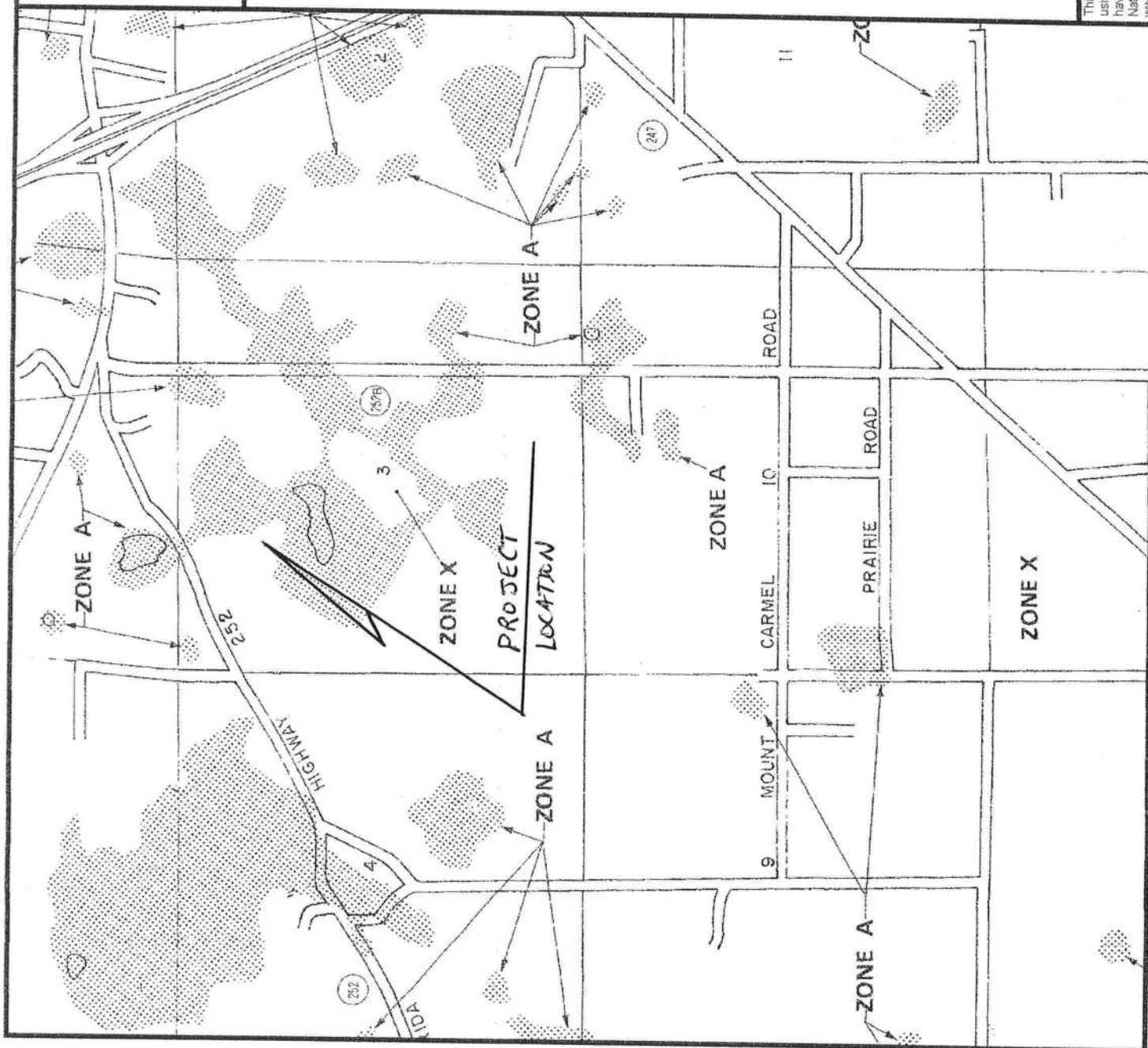
COMMUNITY-PANEL NUMBER  
120070 0175 B

EFFECTIVE DATE:  
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/mitd](http://www.fema.gov/mitd)



COUNTY ROAD NO. 252  
R.O.D.  
E 67°28'12" E

PLAT LAUREL LAKE  
BK. 7, PCS. 9 & 10

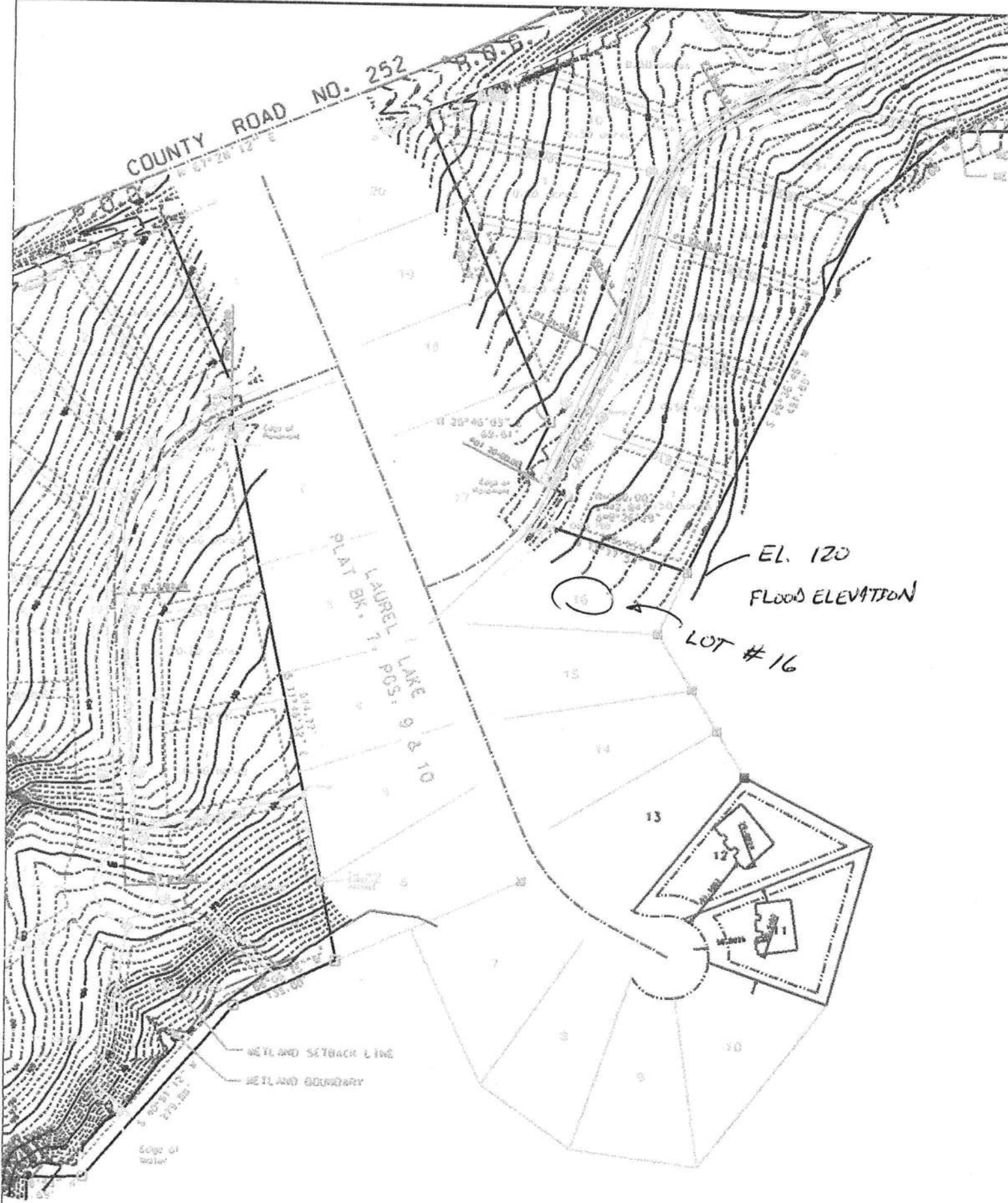
EL. 120  
FLOOD ELEVATION

LOT # 16

WETLAND SETBACK LINE  
WETLAND BOUNDARY

Edge of water

LAUREL LAKE PHASE 2 & 3



# CERTIFICATE OF OCCUPANCY

## OCCUPANCY

COLUMBIA COUNTY, FLORIDA

### Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number O3-4S-16-02372-116

Building permit No. 000022186

Use Classification SFD & UTILITY

Fire: 17.01

Permit Holder J.L. DUPREE CONSTR.

Waste: 36.75

Owner of Building PHOENIX LAND DEV. & PROP. MNGMT.

Total: 53.76

Location: 112 SW BIRCH GLN, LAKE CITY, FL 32024

Date: 06/09/2005

*Tony Decker*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)

called 12/29/05



## Notice of Treatment

**Applicator** Florida Pest Control & Chemical Co. 11121

**Address** \_\_\_\_\_

**City** Lake City **Phone** 752-1703

**Site Location** **Subdivision** Laurel Lakes

**Lot#** 16 **Block#** \_\_\_\_\_ **Permit#** 22186

**Address** 112 SW Birch Glen

### AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's
				Name
Main Body	<u>09/23/04</u>	<u>7:30</u>	<u>468</u>	<u>Travis</u>
Patio/s #	_____	_____	_____	_____
Stoop/s #	_____	_____	_____	_____
Porch/s #	_____	_____	_____	_____
Brick Veneer	_____	_____	_____	_____
Extension Walls	_____	_____	_____	_____
A/C Pad	_____	_____	_____	_____
Walk/s #	_____	_____	_____	_____
Exterior of Foundation	_____	_____	_____	_____
Driveway Apron	_____	_____	_____	_____
Out Building	_____	_____	_____	_____
Tub Trap/s	_____	_____	_____	_____
(Other)	_____	_____	_____	_____

**Name of Product Applied** Durshan .05%

**Remarks** Exterior not finished.