

643.12 LK# 755-3999
Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0512-41 Date Received _____ By _____ Permit # 24010
 Application Approved by - Zoning Official BK Date 02.01.06 Plans Examiner AK JH Date 1-3-06
 Flood Zone X Development Permit N/A Zoning A-1 Land Use Plan Map Category A-1
 Comments Section 14-9 Special Family Lf Permit
SEE / Existing well

Applicants Name Joe A. Law ^{work} 755-3997 Phone 386 961-9733 ^{home}
 Address 408 NE Deep Creek Glen Lake City, FL 32055
 Owners Name Joe Law Phone _____
 911 Address 445 NE Deep Creek Glen, L.C. 32055
 Contractors Name JOE LAW Phone 961-3031
 Address P.O. BOX 1016 Lake City, FL 32056-1016
 Fee Simple Owner Name & Address N/A
 Bonding Co. Name & Address N/A
 Architect/Engineer Name & Address DISAWAY
 Mortgage Lenders Name & Address PEOPLES STATE BANK

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

Property ID Number 28-15-17-04591-002 Estimated Cost of Construction 180,000

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions 441 north cross Deep Creek First Road
To right (NE Deep Creek Glen) go about 1/2 mile
on left

Type of Construction New SFD Number of Existing Dwellings on Property 0

Total Acreage 5 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 350 Side 200 Side 180 Rear 200

Total Building Height 20'-2" Number of Stories 1 Heated Floor Area 2122 Roof Pitch 6/12
Porch 652 GARAGE 538 TOTAL 3312

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.

Joe Law
 Owner Builder or Agent (Including Contractor)

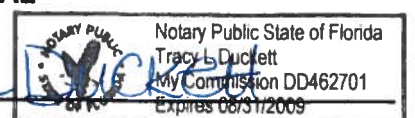
STATE OF FLORIDA
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
 this 19th day of December 2005

Personally known _____ or Produced Identification ✓
FL DL 1000421733490

Contractor Signature _____
 Contractors License Number _____
 Competency Card Number _____
 NOTARY STAMP/SEAL

Tracy L. Duckett
 Notary Signature





APPROXIMATE SCALE IN FEET



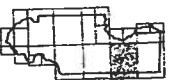
NATIONAL FLOOD INSURANCE PROGRAM

FIRM
FLOOD INSURANCE RATE MAP

COLUMBIA
COUNTY,
FLORIDA
(UNINCORPORATED AREAS)

PANEL 100 OF 290

PANEL LOCATION



COMMUNITY-PANEL NUMBER

120070 0100 B

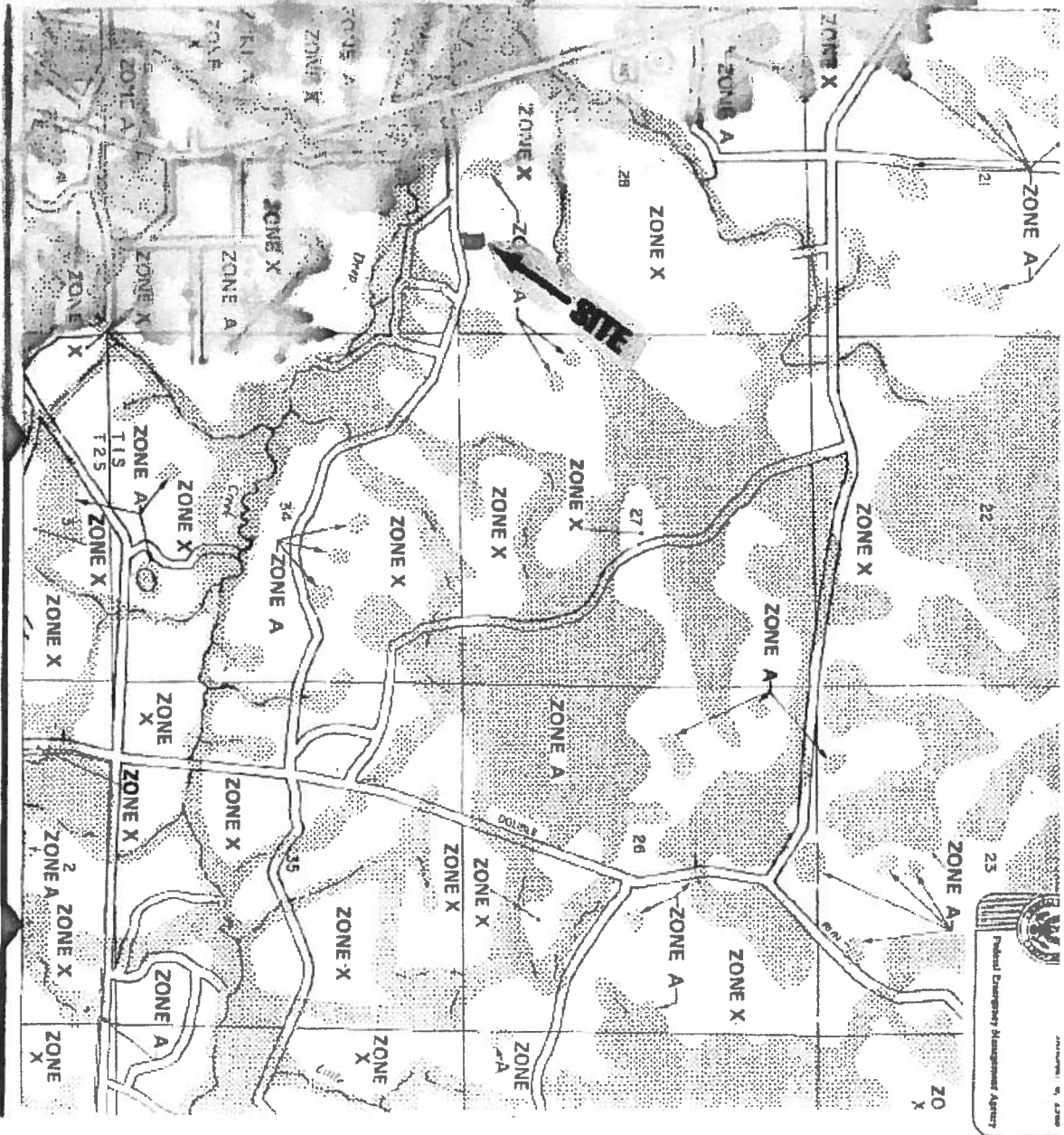
EFFECTIVE DATE:

JANUARY 6, 1988

Federal Emergency Management Agency

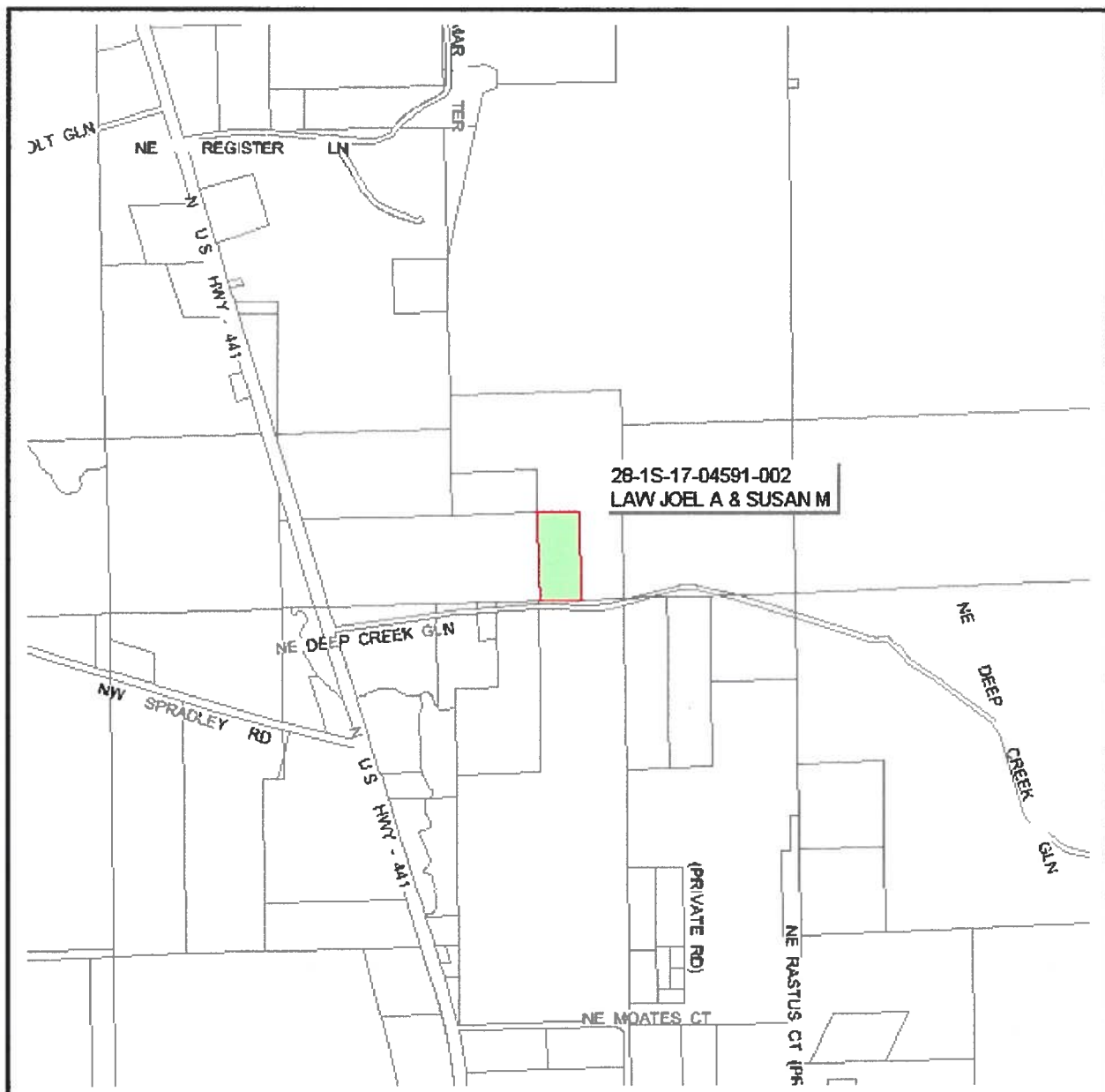


This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard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



23

Federal Emergency Management Agency



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 28-1S-17-04591-002 - NO AG ACRE (009900)

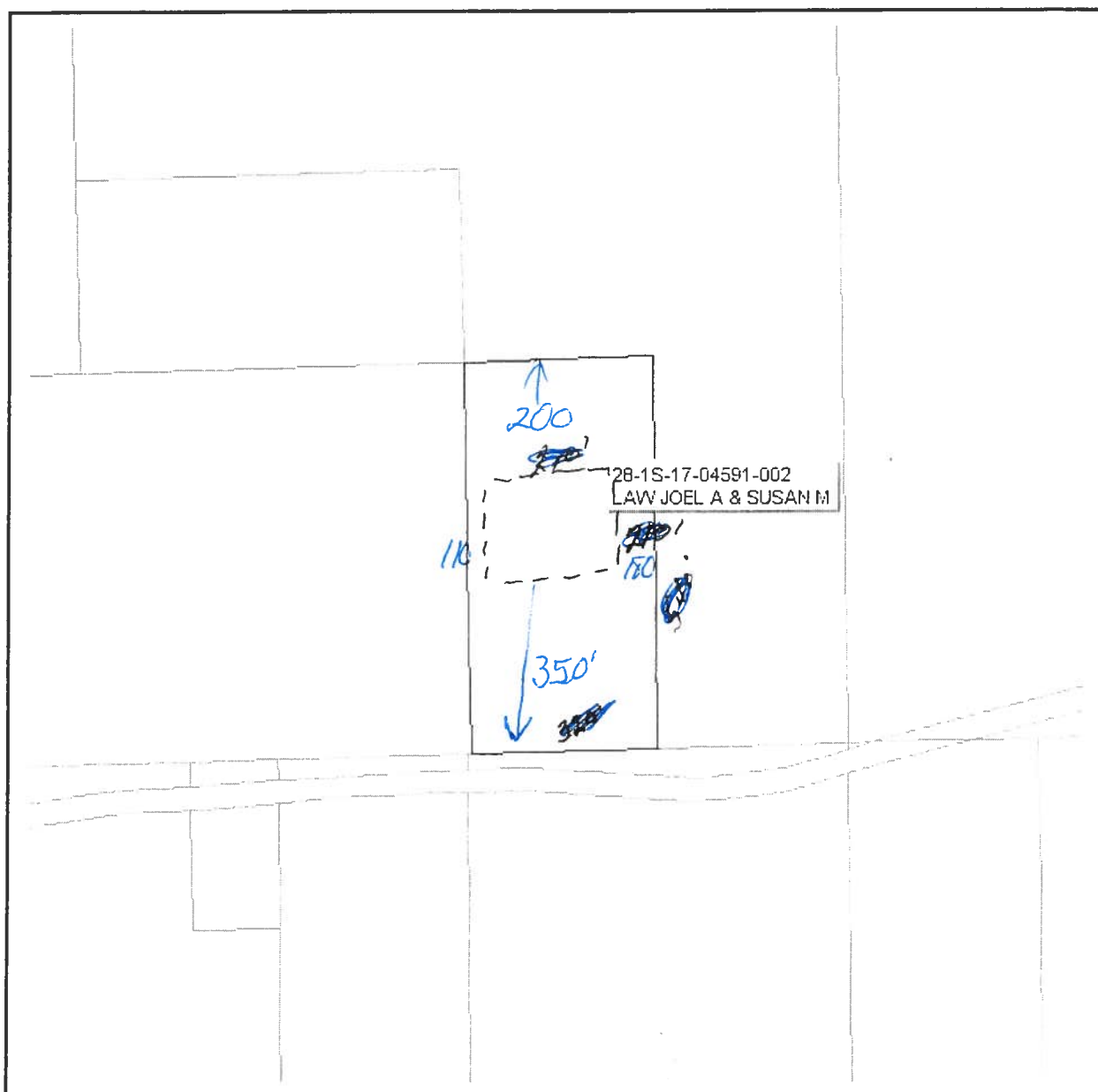
W1/2 OF SE1/4 OF SW1/4 OF SE1/4. ORB 1047-2944

Name:	LAW JOEL A & SUSAN M	LandVal	\$22,000.00
Site:		BldgVal	\$0.00
Mail:	408 NE DEEP CREEK GLN	ApprVal	\$22,000.00
	LAKE CITY, FL 32055	JustVal	\$22,000.00
Sales	6/3/2005 \$100.00 V / U	Assd	\$22,000.00
Info		Exmpt	\$0.00
		Taxable	\$22,000.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 8/3/2005, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.



Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

PARCEL: 28-1S-17-04591-002 - NO AG ACRE (009900)

W1/2 OF SE1/4 OF SW1/4 OF SE1/4. ORB 1047-2944

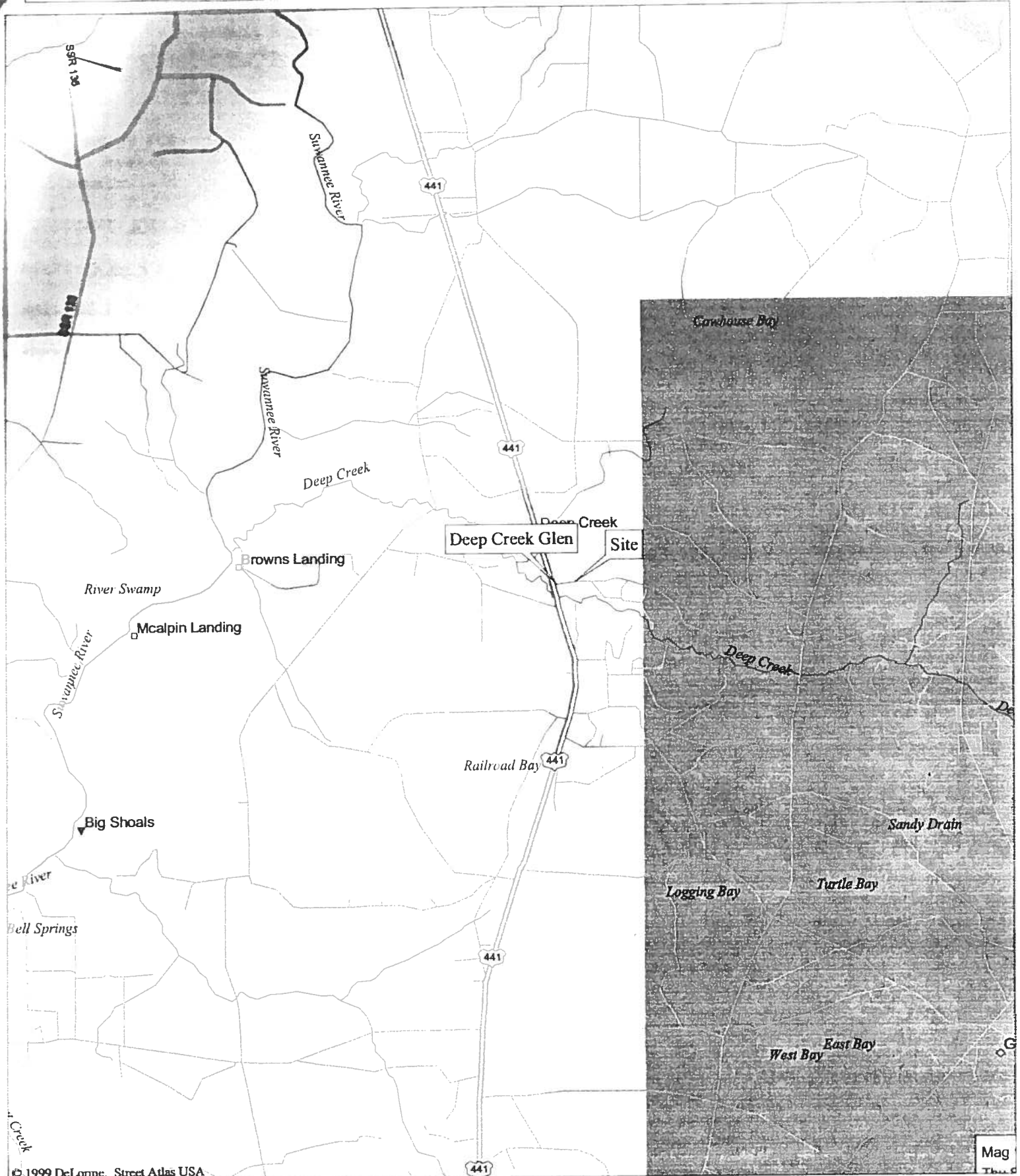
Name: LAW JOEL A & SUSAN M	LandVal	\$22,000.00
Site:	BldgVal	\$0.00
408 NE DEEP CREEK GLN	ApprVal	\$22,000.00
Mail: LAKE CITY, FL 32055	JustVal	\$22,000.00
Sales	Assd	\$22,000.00
Info 6/3/2005 \$100.00 V / U	Exmpt	\$0.00
	Taxable	\$22,000.00

0 120 240 360 ft



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Joel & Susan Law



Display Device : WA
User : GAIL

@ CAM112M01 CamauSA Appraisal System Columbia County
12/19/2005 11:09 Legal Description Maintenance 22000 Land 001
Year T Property Sel Ag 000
2006 R 28-1S-17-04591-002 ... Bidg 000
Xfea 000

LAW JOEL A & SUSAN M

22000 TOTAL B

1 W1/2 OF SE1/4 OF SW1/4 OF SE1/4. ORB 1047-2944

3 2
5 4
7 6
9 8
1 10
1 12
1 14
1 16
1 18
1 20
2 22
2 24
2 26
2 28

F1=Task F3=Exit F4=Prompt F10=GoTo Mnt 7/27/2005 WANDA
PgUp/PgDn F24=More

DISCLOSURE STATEMENT

FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

TYPE OF CONSTRUCTION

☒ Single Family Dwelling
☐ Farm Outbuilding

☐ Two-Family Residence
☐ Other _____

NEW CONSTRUCTION OR IMPROVEMENT

☒ New Construction ☐ Addition, Alteration, Modification or other Improvement

I Joel Law, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number _____

Joel Law
Signature

12/19/05
Date

FOR BUILDING USE ONLY

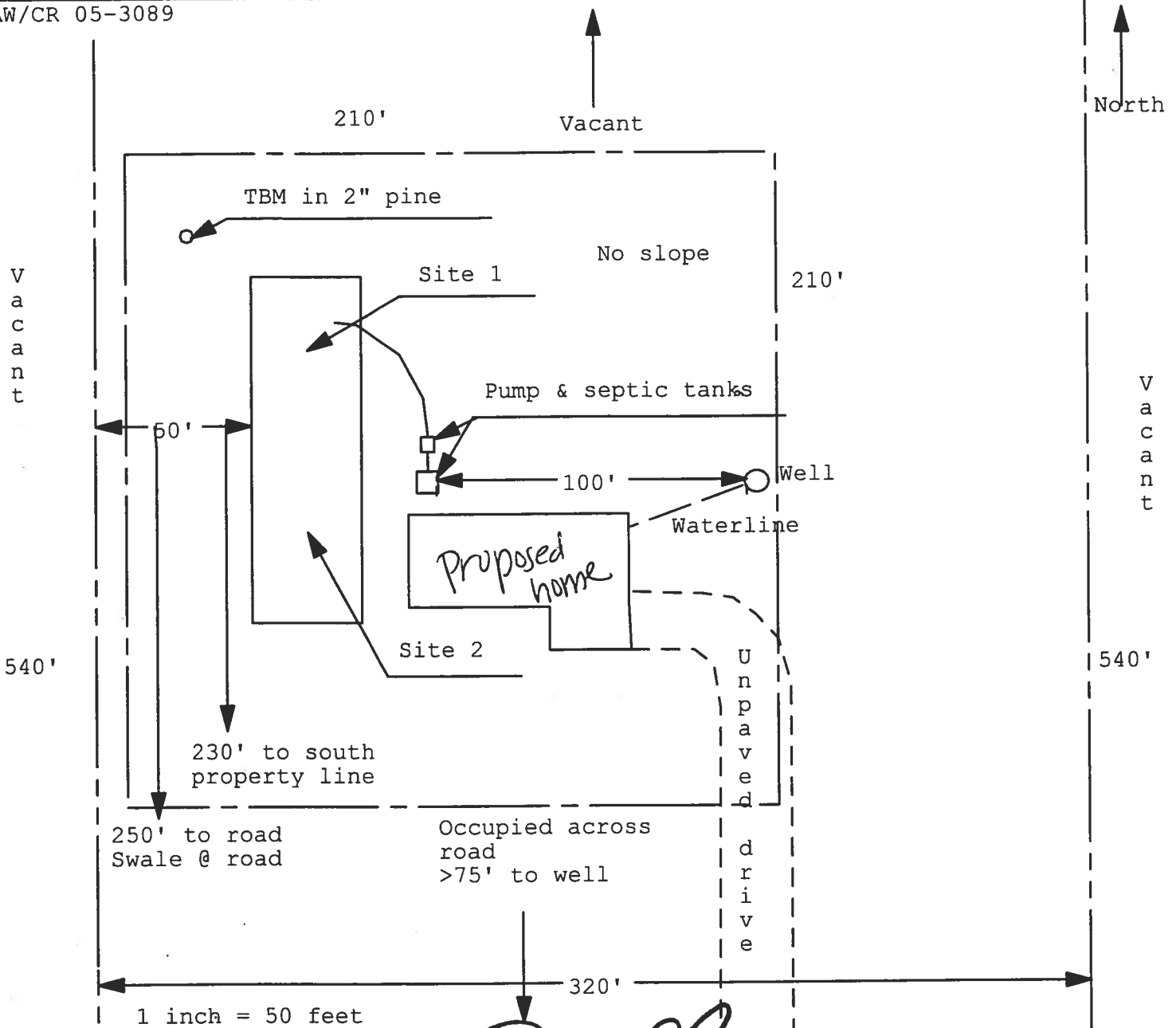
I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date _____ Building Official/Representative _____

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-1224N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

LAW/CR 05-3089



Site Plan Submitted By Paul Lloyd Date 9/15/05
Plan Approved X Not Approved Date

By Salhi Gaddy, ESI - CWMB/A CPHU
Notes: 12.14.05

WARRANTY DEED

THIS WARRANTY DEED made this 3rd day of June, 2005 by JAMES C. LAW, SR. AND JESSE LAW, HIS WIFE, (herein "Grantor"), to JOEL A. LAW, SUSAN M. LAW, SS# 589501051 AND 265873980 whose mailing address is: 409 NE Deep Creek Glen Lake City FL 32065 (herein "Grantee").

WITNESSETH:

That Grantor, for and in consideration of the sum of TEN AND NO/100 (\$10.00) DOLLARS and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto Grantee, all that certain land situate in Columbia County, Florida, viz:

W 1/2 of S21/4 of SW 1/4 OF SEC OF SECTION 28, TOWNSHIP 1 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA. TOGETHER WITH ALL EASEMENTS VISIBLE AND IN USE

Tax Parcel No: 28-18-17-04591-000

TOGETHER WITH all the covenants, hereditaments and appurtenances thereto belonging or in anywise appertaining.

TO HAVE AND TO HOLD, the same, in fee simple, to Grantee.

After Grantor hereby covenants with said Grantee that the Grantor is lawfully seized of the said land in fee simple; that Grantor has good right and lawful authority to sell and convey said land; that Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 1998.

IN WITNESS WHEREOF, the said Grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered
in the presence of:

Betty M. Federico
witness

Betty M. Federico
printed name

Jessie Law
witness

Jessie Law
printed name

James C. Law
JAMES C. LAW

Jessie Law
JESSIE LAW

Exp: 2005/12/12 Date: 06/03/2005 Time: 13:08
Doc Stamp: 0.78
JMK DC, P. DeWitt Case, Columbia County FL 1647 P: 2944

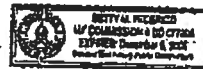
STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 3 day of June, 2005, by JAMES C. LAW, SR. AND JESSIE LAW, HIS WIFE, who are personally known to me or presented as identification, the following:

Betty M. Federico
Notary Public, State of Florida

Betty M. Federico
print name

PREPARED BY JAMES C. LAW
478 NE Deep Creek Glen
LAKE CITY, FL 32065



(2)

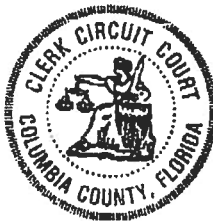
Permit Number: _____

Inst: 2005930033 Date: 12/05/2005 Time: 14:28
DC, P. DeWitt Cason, Columbia County B-1067 P-105

Tax Folio Number: 04591-000

State of: Florida
County of: Columbia

File Number: 05-816



NOTICE OF COMMENCEMENT

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.

1. Description of Property:

Commence at the SW corner of the SE 1/4 of Section 28, Township 1 South, Range 17 East, Columbia County, Florida, and run S 89°12'27" E, along the South line thereof, 655.47 feet to the Point of Beginning; thence continue S 89°12'27" E, 330.30 feet; thence N 01°40'43" E, 660.67 feet; thence N 89°09'34" W, 330.29 feet; thence S 01°40'43" W, 660.94 feet to the Point of Beginning.

Together with an easement for ingress and egress over and across the following said easement lies 30.00 feet to the left of the following described line: Commence at the SW corner of the SE 1/4 of Section 28, Township 1 South, Range 17 East, Columbia County, Florida, and run S 89°12'27" E, along the South line, thereof 864.12 feet to the Point of Beginning of said line; thence S 01°39'43" W, 94.80 feet to the Edge of a County graded Road and to the Point of Termination of said line. Said easement is to extend of contract as needed to complete the boundaries of said easment.

2. General Description of Improvements: Single Family Dwelling

3. Owner Information:

- a. Name and Address: Joel A. Law and Susan M. Law
408 NE Deep Creek Glen, Lake City, Florida 32055
- b. Interest in property: Fee Simple
- c. Names and address of fee simple title holder (if other than owner):

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DeWITT CASON, CLERK OF COURTS

By M. Keen Deputy Clerk
Date 12-5-05

- 4. Contractor: Gary Johnson Construction, Inc.
2907 SE Country Club Road, Lake City, Florida 32025
- 5. Surety: N/A

- 6. Lender: Peoples State Bank, 350 SW Main Blvd., Lake City, Florida 32025

- 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.

- 8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.

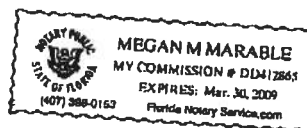
- 9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): N/A.

Joel A. Law
Joel A. Law
Megan M. Marable
Megan M. Marable

Susan M. Law
Susan M. Law
Kimberly H. Hatcher
Kimberly H. Hatcher

Sworn to and subscribed before me December 2, 2005 by Joel A. Law and Susan M. Law, who is personally known to me or who did provide Driver's License as identification.

Megan M. Marable
Notary Public
My Commission Expires: _____



COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 * FAX: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com

Addressing Maintenance

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

DATE ISSUED: 19 December 2005

ENHANCED 9-1-1 ADDRESS:

445 NE DEEP CREEK GLN (LAKE CITY, FL 32055)

Addressed Location 911 Phone Number: NOT AVAIL.

OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: _____

PROPERTY APPRAISER PARCEL NUMBER: 28-1S-17-04591-002

Other Contact Phone Number (If any): _____

Building Permit Number (If known): _____

Remarks: _____

Address Issued By: _____

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

Notice of Treatment

Applicator: **Florida Pest Control & Chemical Co. (www.flapest.com)**

Address: DAVA HUR

City: LAKE CITY Phone: 752/1105

Site Location: Subdivision 11919

Lot # Block# Permit # 24010

Address: 445 NE Deepwood Glen

<u>Product used</u>	<u>Active Ingredient</u>	<u>% Concentration</u>
---------------------	--------------------------	------------------------

☐ Premise	Imidacloprid	0.1%
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☐ Termidor	Fipronil	0.12%
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☒ Bora-Care	Disodium Octaborate Tetrahydrate	23.0%
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Type treatment:

☐ Soil

☒ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

<u>Drilling</u>	<u>3312</u>	<u>792</u>	<u>4.5</u>
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<u> </u>	<u> </u>	<u> </u>	<u> </u>
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As per Florida Building Code 104.2.6 – If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

If this notice is for the final exterior treatment, initial this line _____.

5/12/06 1130 F254

Date

Time

Print Technician's Name

Remarks: _____

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©

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 28-1S-17-04591-002

Building permit No. 000024010

Use Classification SFD, UTILITY

Fire: 55.80

Permit Holder JOEL LAW

Waste: 167.50

Owner of Building JOEL LAW

Total: 223.30

Location: 445 NE DEEP CREEK GLN, LAKE CITY, FL 32055

Date: 12/18/2006

Randy Jones by JLB

Building Inspector

**POST IN A CONSPICUOUS PLACE
(Business Places Only)**



NORTH 1 2 3

Department of Community Affairs

[illegible]

PROJECT NAME: AND ADDRESS:	BUILDER: <i>CARY JOHNSON CONST INC</i>	PERMITTING OFFICE: <i>COLUMBIA</i>	CLIMATE ZONE: 1 2 3 <i>✓</i>
OWNER: <i>JOEL LAW</i>	PERMIT NO.: <i>24010</i>	JURISDICTION NO: <i>221000</i>	

GENERAL DIRECTIONS

Please Print

CK

1. Compliance package chosen (A-F)
2. New construction or addition
3. Single family detached or Multifamily attached
4. If Multifamily—No. of units covered by this submission
5. Is this a worst case? (yes, no)
6. Conditioned floor area (sq. ft.)
7. Predominant eave overhang (ft.)
8. Glass type and area :
 - a. Clear glass
 - b. Tint, film or solar screen
9. Percentage of glass to floor area
10. Floor type, area or perimeter, and insulation:
 - a. Slab on grade (R-value)
 - b. Wood, raised (R-value)
 - c. Wood, common (R-value)
 - d. Concrete, raised (R-value)
 - e. Concrete, common (R-value)
11. Wall type, area and insulation:
 - a. Exterior:
 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
 - b. Adjacent:
 1. Masonry (Insulation R-value)
 2. Wood frame (Insulation R-value)
12. Ceiling type, area and insulation:
 - a. Under attic (Insulation R-value)
 - b. Single assembly (Insulation R-value)
13. Air Distribution System: Duct insulation, location
14. Cooling system
(Types: central, room unit, package terminal A/C, gas, none)
15. Heating system:
(Types: heat pump, elec. strip heat, gas LP, gas, gas HP, room or PTAC, none)
16. Hot water system:
(Types: elec. nat. gas LP, gas, solar, heat rec., elec. heat pump, other, none)

1. _____

2. _____

3. _____

4. _____

5. _____

6. 2122

7. 2

Single Pane Double Pane

8a. _____ SQ. FT. 309 _____ SQ. FT.

8b. _____ SQ. FT. _____ SQ. FT.

9. 15 _____ °

10a. R= _____

10b. R= _____ SQ. FT.

10c. R= _____ SQ. FT.

10d. R= _____ SQ. FT.

10e. R= _____ SQ. FT.

11a-1 R= _____

11a-2 R= 13 _____

11b-1 R= _____

11b-2 R= _____

12a. R= 30 _____

12b. R= _____

13. R= _____

14a. Type: CENTRAL

14b. SEER/EER: 12.0

14c. Capacity: _____

15a. Type: HEAT PUMP

15b. HSPF/COP/AFUE: _____

15c. Capacity: 7.7

16a. Type: ELECTRIC

16b. EF: .90

* Effects are significant at the 0.05 level; all other effects are nonsignificant.

PREPARED BY GARY JOHNSON

DATE 9/20/05

OWNER AGENT

DATE _____

Review of plans and scope of activity. The review of the plans and scope of activity is a key element of the project management process. It involves a thorough examination of the project's goals, objectives, and tasks, and a determination of the resources and time required to complete the project. The review should be conducted at the beginning of the project, and should be repeated at regular intervals throughout the project's life cycle.

BUILDING OFFICIAL

DATE _____

TABLE 6B-1

MINIMUM REQUIREMENTS

Climate Zones 1 2 3

COMPONENTS		PACKAGES FOR NEW CONSTRUCTION				
GLASS	Max. % of glass to Floor Area	A	B	C	D	E
	Type	Double Clear (DC)	Double Tint (DT)	Double Tint (DT)	Double Clear (DC)	Double Tint (DT)
	Overhang	1'4"	2'	2'	2'	2'
WALLS	Masonry	EXTERIOR AND ADJACENT MASONRY WALLS R-5 COMMON MASONRY WALLS R-3 EACH SIDE.				
	Wood Frame	EXTERIOR, ADJACENT, AND COMMON WOOD FRAME WALLS R-11				
CEILING		R-30	R-38	R-30	R-38	R-30
		(NO SINGLE ASSEMBLY CEILINGS ALLOWED)				
FLOORS	Slab-On-Grade	R-0				
	Raised Wood	R-19 (ONLY STEM WALL CONSTRUCTION ALLOWED EXCEPT PACKAGE C)				
	Raised Concrete	R-7				
DUCTS		R-6	R-6	R-6	COND.	R-6
SPACE COOLING (SEER)		11.5	10.5	12.0	10.5	10.0*
HEAT	Elect. (HSPF)	7.7	7.1	8.0	7.1	6.8*
	Gas/Oil (AFUE)	MINIMUM OF .73 (Direct heating) or .78 (Central)				
HOT WATER SYSTEM	Electric Resistance**	EF .90	EF .90	NOT ALLOWED (SEE BELOW)	EF .90	NOT ALLOWED (SEE BELOW)
	Gas & Oil **	MINIMUM EF OF .54				NATURAL GAS ONLY (SEE BELOW)
	Other	Any of the following are allowed: dedicated heat pump, heat recovery unit or solar system.				

* Single package units minimum SEER=9.7, HSPF = 6.6.

** Minimum efficiencies for gas and electric hot water systems apply to 40 gallon water heaters. Refer to Table 6-12 for minimum Code efficiencies for oil water heaters and other sizes.

TO BE INSTALLED	
DC: ☒	DT: ☐
15 %	
309 FEET	
EXT: R =	
ADJ: R =	
COM: R =	
EXT: R =	13
ADJ: R =	
COM: R =	
UNDER ATTIC: R =	30
COMMON: R =	
R =	0
R =	
R =	
R =	6 COND. ☐
SEER =	12.0
COP =	7.7
AFUE =	
EF =	.90
EF =	
DHP: ☐	EF =
HRU: ☐	
SOLAR: ☐	EF =

DESCRIPTION OF BUILDING COMPONENTS LISTED

Percent of Glass to Floor Area: This percentage is calculated by dividing the total of all glass areas by the total conditioned floor area.

Overhang: The overhang is the distance the roof or soffit projects out horizontally from the face of the glass. All glass areas shall be under an overhang of at least the prescribed length with the following exceptions: 1) glass on the gabled ends of a house and 2) the glass in the lower stories of a multi-story house.

Wall, Ceiling and Floor Insulation Values: The R-values indicated represent the minimum acceptable insulation level added to the structural components of the wall, ceiling or floor. The R-value of the structural building materials shall not be included in this calculation. "Common" components are those separating conditioned tenancies in a multifamily building. "Adjacent" components separate conditioned space from unconditioned but enclosed space. "Exterior" components separate conditioned space from unconditioned and unenclosed space.

Floor: Slab-on-grade floors without edge insulation are acceptable. Raised wood floors shall have continuous stem walls with insulation placed on the stem wall or under the floor except Package C.

Ducts: "COND" indicates that the ducts must be installed within the conditioned space, that is, the ductwork shall be located on the conditioned side of the insulation. Ducts in conditioned space are acceptable for any prescriptive package.

Space Cooling System: Cooling systems shall have a Seasonal Energy Efficiency Ratio (SEER) for central units or Energy Efficiency Ratio (EER) for room units or PTAC's equal to or greater than the prescribed value.

Electric Space Heating Option: Heat pump systems shall be rated with a Heating Seasonal Performance Factor (HSPF) equal to or greater than the prescribed HSPF. Heat pump systems may contain electric strip backups meeting the criteria of section 608.1 ABC.3.2.1.2. No electric resistance space heat is allowed for these packages.

Electric Resistance Hot Water Option: For packages designated "Not Allowed", an electric resistance hot water system may be installed only in conjunction with one of the "Other Hot Water System Options". See below.

Other Hot Water System Options: Any dedicated heat pump, heat recovery unit, or solar hot water system may be installed. Solar systems must have an EF of 1.5 or higher. Electric resistance systems having an EF of .88 or greater, or natural gas systems with EF .54 or greater may be used in conjunction with these systems.

TABLE 6B-2	MINIMUM REQUIREMENTS FOR ALL PACKAGES		
COMPONENTS	SECTION	REQUIREMENTS	CHECK
Exterior Joints & Cracks	606.1	To be caulked, gasketed, weather-stripped or otherwise sealed.	☒
Exterior Windows & Doors	606.1	Max .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	☒
Sole & Top Plates	606.1	Sole plates and penetrations through top plates of exterior walls must be sealed.	☒
Recessed Lighting	606.1	Type IC rated with no penetrations (two alternatives allowed).	☒
Multi-story Houses	606.1	Air barrier on perimeter of floor cavity between floors.	☒
Exhaust Fans	606.1	Exhaust fans vented to unconditioned space shall have dampers, except for combustion devices with integral exhaust ductwork.	☒
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 minimum thermal efficiency of 78%.	N/A
Hot Water Pipes	612.1	Insulation is required for hot water circulating systems (including heat recovery units)	☒
Shower Heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	☒
HVAC Duct Construction, Insulation & Installation	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 610.1. Ducts in attics must be insulated to a minimum of R-6.	☒
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	☒