

DATE 01/10/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022681

APPLICANT BRIAN PAPKA & BRITTANEY PAPKA PHONE 758-1804

ADDRESS 399 SW MEADOW TERR LAKE CITY FL 32024

OWNER BRIAN PAPKA & BRITTANEY PAPKA PHONE 758-1804

ADDRESS 399 SW MEADOW TERR LAKE CITY FL 32024

CONTRACTOR OWNER BUILDER PHONE 386.758.1804

LOCATION OF PROPERTY 47 SW, L WALTER AVE, L LITTLE RD, R SOUTHWOOD MEADOWS, LOT 6 ON THE LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 94500.00

HEATED FLOOR AREA 1890.00 TOTAL AREA 2375.00 HEIGHT 10.80 STORIES 1

FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 10-12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 35

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

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

PARCEL ID 01-5S-16-03405-106 SUBDIVISION SOUTHWOOD MEADOWS

LOT 6 BLOCK PHASE UNIT TOTAL ACRES 1.17

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

EXISTING 04-1190-N BK RJ N

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

COMMENTS: PER FINISH FLOOR HEIGHT LETTER MUST BE 6" ABOVE FINISHED GRADE

NOC ON FILE.

LEGAL NON-CONFORMING USE LOT OF RECORD.SECTION 2.3.1. Check # or Cash 268

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 \$ 475.00 CERTIFICATION FEE \$ 11.88 SURCHARGE FEE \$ 11.88

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

FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ TOTAL FEE 548.76

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.

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0412-63 Date Received 12/20/04 By JW Permit # 498/22681
 Application Approved by - Zoning Official BLK Date 06.01.05 Plans Examiner _____ Date _____
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 2.3.1 Legal Non-conforming Lots of Record

Applicants Name Linda Roder BRIAN & BRITANY PAPKA Phone 752-2281
 Address 387 S.W. Kemp Ct Lake City, FL 32024
 Owners Name Brian Papka Phone 758-1804
 911 Address 399 S.W. Meadow ter, Lake City, FL 32024
 Contractors Name Brian Papka Phone 758-1804
 Address 175 S.W. Meadow ter, Lake City, FL 32024
 Fee Simple Owner Name & Address na
 Bonding Co. Name & Address na
 Architect/Engineer Name & Address David Disasway / Mark Disasway
 Mortgage Lenders Name & Address First Federal 4705 West US Hwy 90 Lake City, FL
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
 Property ID Number 01-55-16-03405-106 Estimated Cost of Construction \$110,000
 Subdivision Name South Wood Meadows Lot 6 Block _____ Unit _____ Phase _____
 Driving Directions Take 475 Turn left on Walter Ave. Turn left at Little rd. Make a right at Southwood Meadows, lot 6 is on the left.
 Type of Construction SFD Number of Existing Dwellings on Property 0
 Total Acreage 1.174 Lot Size _____ Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
 Actual Distance of Structure from Property Lines - Front 136' Side 36' Side 36' Rear 136'
 Total Building Height 10'-8" Number of Stories 1 Heated Floor Area 1890 Roof Pitch 10'-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.

Linda R. Roder
 Owner Builder or Agent (Including Contractor) Commission #DD303275
 Expires: Mar 24, 2008

STATE OF FLORIDA
 COUNTY OF COLUMBIA

Bonded Thru
 Atlantic Bonding Co., Inc.

Sworn to (or affirmed) and subscribed before me

this 7 day of December 2004.

Personally known ✓ or Produced Identification _____

Contractor Signature

Contractors License Number _____

Competency Card Number _____

NOTARY STAMP/SEAL

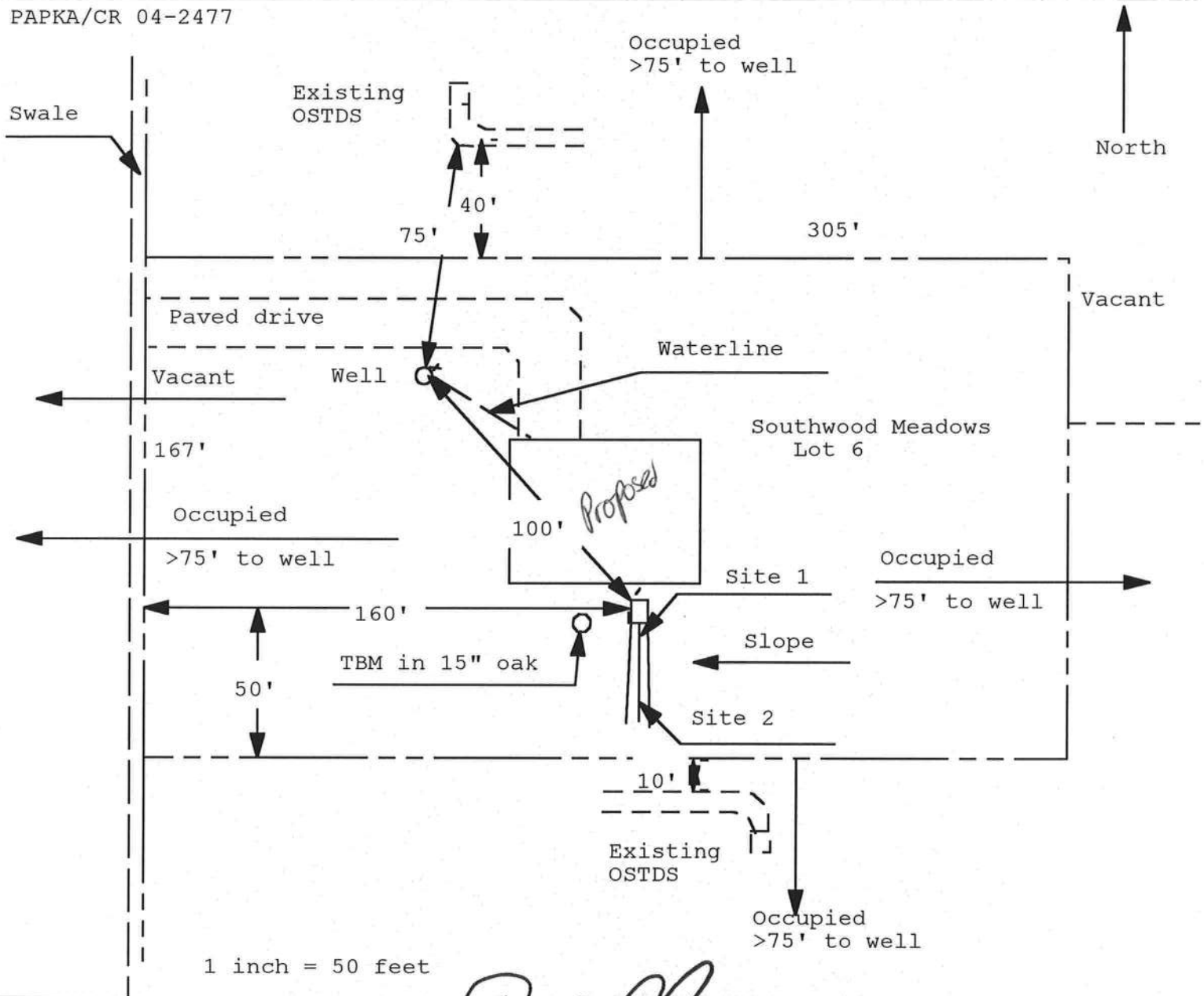
Linda R. Roder
 Notary Signature

Application for Onsite Sewage Disposal System Construction Permit. Part II Site Plan

Permit Application Number: 04-1190N

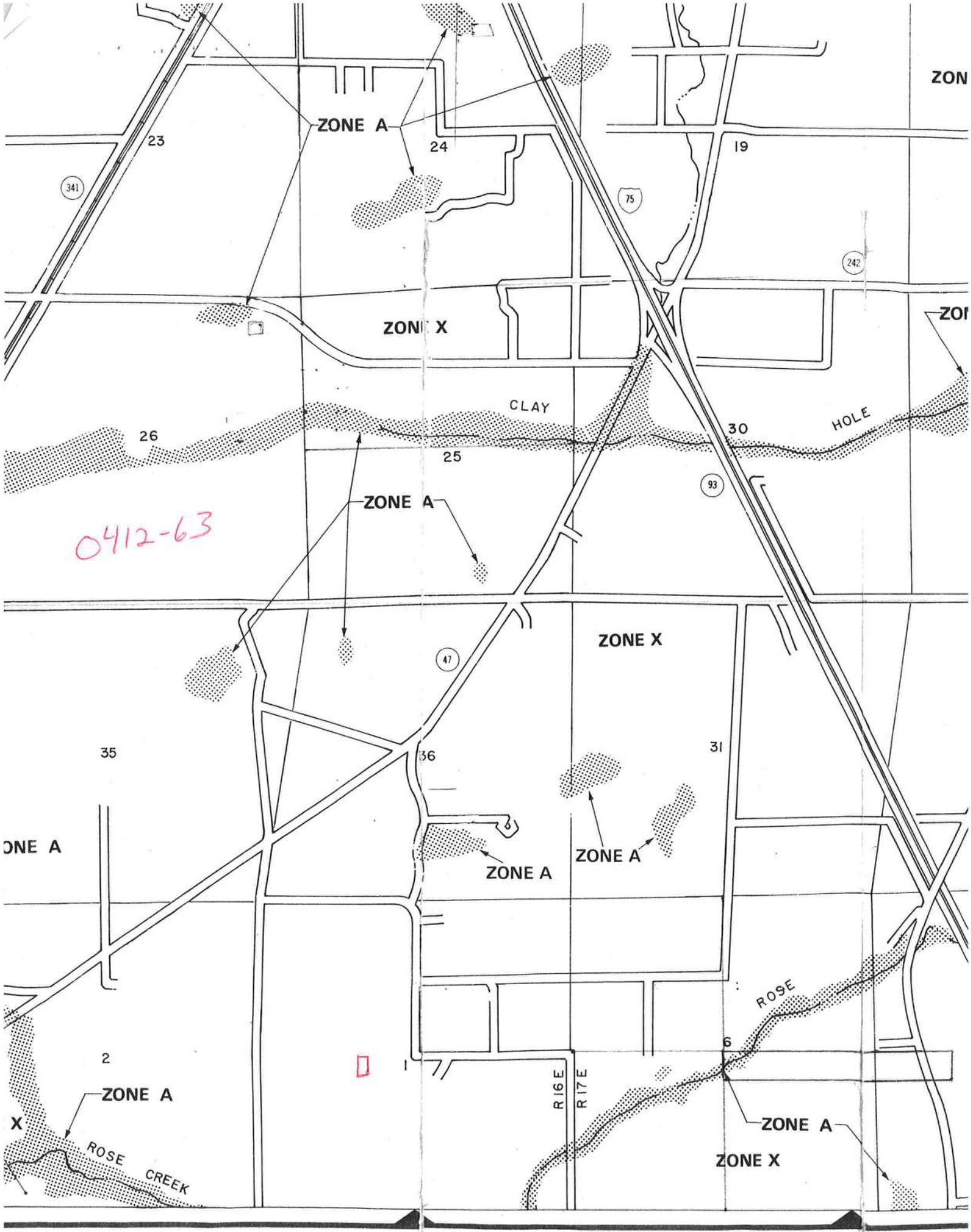
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

PAPKA/CR 04-2477



Site Plan Submitted By Paul L. Lox Date 12/10/04
 Plan Approved Not Approved Date 12/10/04
 By Paul L. Lox Lakeland Beach CPHU 12-14-04

Notes: _____



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 the 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
☐ New Construction
☐ Two-Family Residence
☐ Other _____
☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I Brian Papka, 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 _____

Brian Papka
Signature

11-22-04
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 L. L. Loder

Notice of Authorization

I Brian Papka, do hereby authorize Linda Roder

to be my representative and act on my behalf in all aspects of applying for a

building permit to be located in Columbia county.

The name of the home owner is Brian Papka.

Legal description 01-55-16-03405-106

 Brian Papka
Contractor's signature - owner builder

12-7-04
Date

Sworn and subscribed before me this 7 day of December, 2004.

Linda R. Roder
Notary Public



Linda R. Roder
Commission #DD303275
Expires: Mar 24, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

My commission expires: 3-24-08
Commission No. DD303275
Personally known ✓
Produced ID (Type): _____

THIS INSTRUMENT WAS PREPARED BY:

TERRY MCDAVID 04-717
POST OFFICE BOX 1128
LAKE CITY, FL 32056-1128

Doc. Stamp Date: 12/08/2004 Time: 11:23
Doc. Stamp Fee: 126.00

RETURN TO:

TERRY MCDAVID
POST OFFICE BOX 1128
LAKE CITY, FL 32056-1128

Property Appraiser's
Identification Number

WARRANTY DEED

This Warranty Deed, made this 2nd day of December, 2004, BETWEEN RUSSELL E. PAPKA and KELLY R. PAPKA, Husband and Wife whose post office address is Route 9, Box 785-17, Lake City, FL 32024, of the County of Columbia, State of Florida, grantor*, and BRIAN J. PAPKA and BRITTANEY PAPKA, Husband and Wife whose post office address is 175 SW Meadow Terrace, Lake City, FL 32024, of the County of Columbia, State of Florida, grantee*.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantor, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantor in hand paid by said grantee, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantee, and grantee's heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Lot 6, SOUTHWOOD MEADOWS, a subdivision according to the plat thereof as recorded in Plat Book 6, Page 19 of the public records of Columbia County, Florida.

Together with all the tenements, hereditaments and appurtenances thereto belonging in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

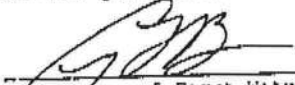
And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.


In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

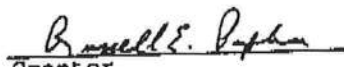
Doc. 2004027391 Date: 12/08/2004 Time: 14:23
Doc Stamp-Deed 126.00

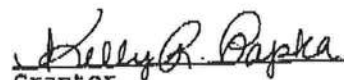
DC.P. Dewitt Cason, Columbia County B: 1032 P. 1652

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
Crystal L. Brunner
(Typed Name of First Witness)


(Signature of Second Witness)
Lisa C. Ogburn
(Typed Name of Second Witness)

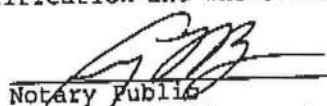

(SEAL)
Grantor
RUSSELL E. PAPKA
Printed Name

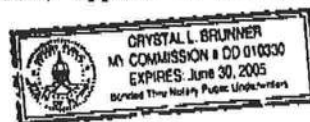

(SEAL)
Grantor
KELLY R. PAPKA
Printed Name

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 2nd
day of December, 2004, by RUSSELL E. PAPKA and KELLY R. PAPKA,
Husband and Wife who are personally known to me or who have
produced _____ as identification and who did not take an
oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:



THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

Inst: 2004027303 Date: 12/08/2004 Time: 14:23
70K DC, P. DeWitt Cason, Columbia County B: 1032 P: 1669

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF Columbia

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: Lot 6, SOUTHWOOD MEADOWS, a subdivision according to the plat thereof as recorded in Plat Book 6, Page 49 of the public records of Columbia County, Florida.
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: BRIAN J. PAPKA and BRITTANEY PAPKA, Husband and Wife
175 SE Meadow Terrace, Lake City, FL 32024
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): BRIAN J. PAPKA
175 SW Meadow Terrace, Lake City, FL 32024
5. Surety:
 - a. Name and address: _____
 - b. Amount of bond: _____
6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 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 the date of recording unless a different date is specified).

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: Maresha R. Cason
Deputy Clerk
Date: Dec 8, 2004



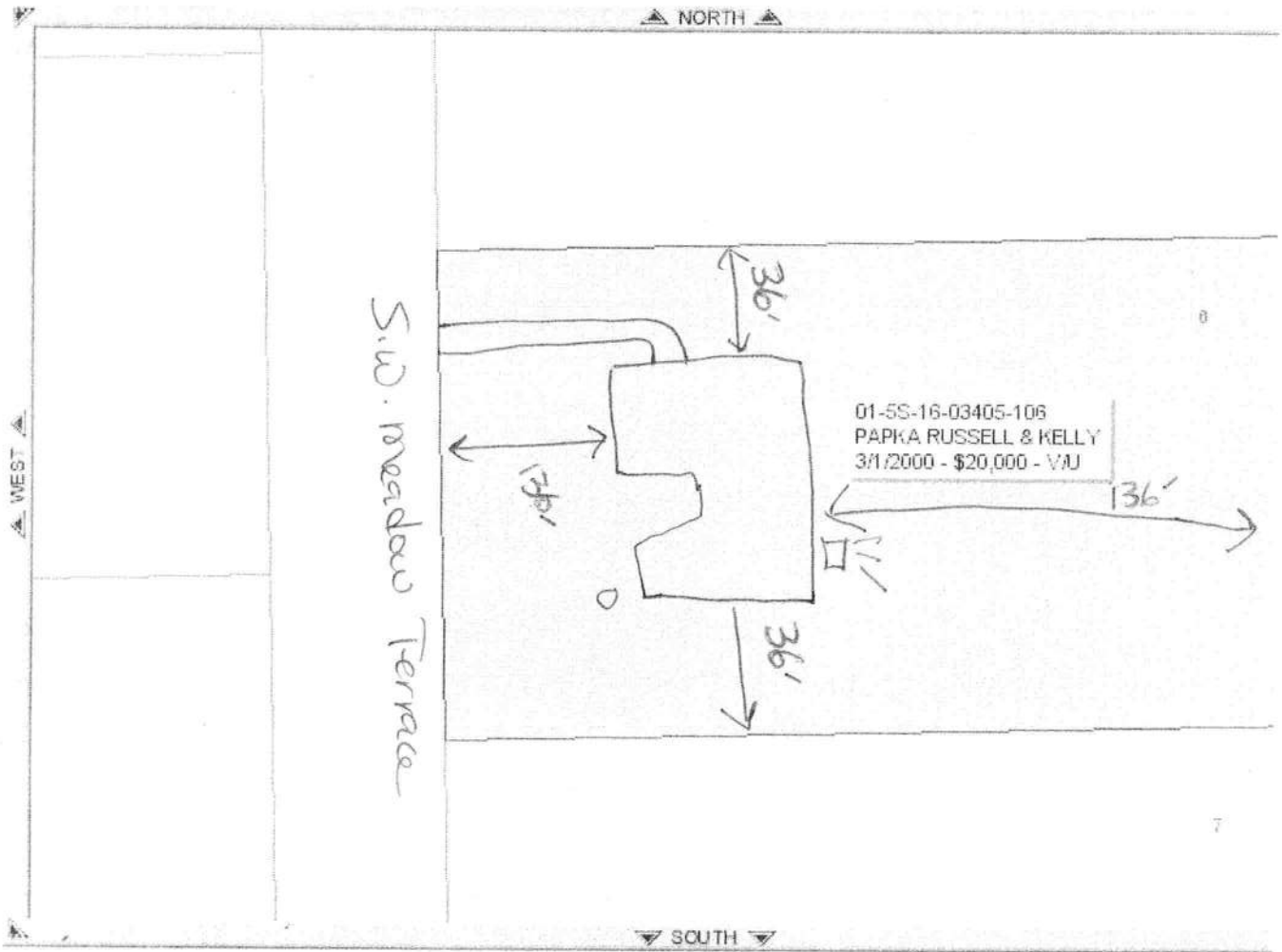
Brian Papka
Borrower Name

Brittaney Papka
Co-Borrower Name

The foregoing instrument was acknowledged before me this 2nd day of December, 2004, by BRIAN J. PAPKA and BRITTANEY PAPKA, Husband and Wife who is personally known to me or who has produced driver's license for identification.

Terry McDavid
Notary Public
My Commission Expires: _____





FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: **411111Papka**
Address:
City, State: ,
Owner: **Brian Papka**
Climate Zone: **North**

Builder: **o-b**
Permitting Office: **Columbia**
Permit Number: **22681**
Jurisdiction Number: **221000**

- | | | |
|-------------------------------------|----------------------|-------------|
| 1. New construction or existing | New | ___ |
| 2. Single family or multi-family | Single family | ___ |
| 3. Number of units, if multi-family | 1 | ___ |
| 4. Number of Bedrooms | 3 | ___ |
| 5. Is this a worst case? | No | ___ |
| 6. Conditioned floor area (ft²) | 1890 ft² | ___ |
| 7. Glass area & type | Single Pane | Double Pane |
| a. Clear glass, default U-factor | 0.0 ft² | 319.0 ft² |
| b. Default tint, default U-factor | 0.0 ft² | 0.0 ft² |
| c. Labeled U-factor or SHGC | 0.0 ft² | 0.0 ft² |
| 8. Floor types | | |
| a. Slab-On-Grade Edge Insulation | R=0.0, 198.0(p) ft | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 9. Wall types | | |
| a. Frame, Wood, Adjacent | R=13.0, 214.0 ft² | ___ |
| b. Face Brick, Wood, Exterior | R=13.0, 1045.0 ft² | ___ |
| c. N/A | | ___ |
| d. N/A | | ___ |
| e. N/A | | ___ |
| 10. Ceiling types | | |
| a. Under Attic | R=30.0, 2276.0 ft² | ___ |
| b. N/A | | ___ |
| c. N/A | | ___ |
| 11. Ducts | | |
| a. Sup: Unc. Ret: Unc. AH: Garage | Sup. R=6.0, 210.0 ft | ___ |
| b. N/A | | ___ |

- | | |
|-------------------------|--|
| 12. Cooling systems | |
| a. Central Unit | Cap: 50.0 kBtu/hr
SEER: 12.00 |
| b. N/A | ___ |
| c. N/A | ___ |
| 13. Heating systems | |
| a. Electric Heat Pump | Cap: 50.0 kBtu/hr
HSPF: 7.80 |
| b. N/A | ___ |
| c. N/A | ___ |
| 14. Hot water systems | |
| a. Electric Resistance | Cap: 40.0 gallons
EF: 0.89 |
| b. N/A | ___ |
| c. Conservation credits | (HR-Heat recovery, Solar
DHP-Dedicated heat pump) |
| 15. HVAC credits | (CF-Ceiling fan, CV-Cross ventilation,
HF-Whole house fan,
PT-Programmable Thermostat,
MZ-C-Multizone cooling,
MZ-H-Multizone heating) |

Glass/Floor Area: 0.17

Total as-built points: 27372
Total base points: 27451

PASS

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

PREPARED BY: Evan Beamsley

DATE: 12/14/04

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: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X SPM X SOF = Points			
.18	1890.0	20.04	6817.6	Double, Clear	W	0.0	0.0	20.0	38.52	1.00	770.5
				Double, Clear	W	0.0	0.0	20.0	38.52	1.00	770.5
				Double, Clear	W	0.0	0.0	30.0	38.52	1.00	1155.7
				Double, Clear	SW	0.0	0.0	12.0	40.16	1.00	481.9
				Double, Clear	W	0.0	0.0	8.0	38.52	1.00	308.2
				Double, Clear	NW	0.0	0.0	12.0	25.97	1.00	311.7
				Double, Clear	N	1.5	8.0	36.0	19.20	0.97	668.6
				Double, Clear	N	1.5	6.0	16.0	19.20	0.94	288.4
				Double, Clear	N	1.5	7.0	30.0	19.20	0.96	550.1
				Double, Clear	N	1.5	5.0	6.0	19.20	0.92	105.5
				Double, Clear	E	0.0	0.0	36.0	42.06	1.00	1514.3
				Double, Clear	E	0.0	0.0	14.0	42.06	1.00	588.9
				Double, Clear	E	0.0	0.0	14.0	42.06	1.00	588.9
				Double, Clear	E	0.0	0.0	15.0	42.06	1.00	631.0
				Double, Clear	S	1.5	7.0	50.0	35.87	0.89	1604.2
				As-Built Total:		319.0			10338.2		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	214.0	0.70	149.8	Frame, Wood, Adjacent	13.0		214.0	0.60	128.4		
Exterior	1045.0	1.70	1776.5	Face Brick, Wood, Exterior	13.0		1045.0	0.35	365.8		
Base Total:				As-Built Total:		1259.0		494.2			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	20.0	2.40	48.0	Exterior Insulated			14.0	4.10	57.4		
Exterior	34.0	6.10	207.4	Exterior Insulated			20.0	4.10	82.0		
				Adjacent Insulated			20.0	1.60	32.0		
Base Total:				As-Built Total:		54.0		171.4			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1890.0	1.73	3269.7	Under Attic	30.0		2276.0	1.73 X 1.00	3937.5		
Base Total:				As-Built Total:		2276.0		3937.5			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	198.0(p)	-37.0	-7326.0	Slab-On-Grade Edge Insulation	0.0		198.0(p)	-41.20	-8157.6		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		198.0		-8157.6			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BSPM = Points				Area X SPM = Points					
1890.0 10.21 19296.9				1890.0 10.21 19296.9					
Summer Base Points: 24239.9				Summer As-Built Points: 26080.5					
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
24239.9		0.4266	10340.7	26080.5 26080.5	1.000 1.00	(1.090 x 1.147 x 1.00)	0.284 1.250	0.284 0.284	1.000 1.000 9273.9 9273.9

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT							
GLASS TYPES											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt			Area X WPM X WOF = Points			
.18	1890.0	12.74	4334.1	Double, Clear	W	0.0	0.0	20.0	20.73	1.00	414.6
				Double, Clear	W	0.0	0.0	20.0	20.73	1.00	414.6
				Double, Clear	W	0.0	0.0	30.0	20.73	1.00	621.8
				Double, Clear	SW	0.0	0.0	12.0	16.74	1.00	200.8
				Double, Clear	W	0.0	0.0	8.0	20.73	1.00	165.8
				Double, Clear	NW	0.0	0.0	12.0	24.30	1.00	291.6
				Double, Clear	N	1.5	8.0	36.0	24.58	1.00	885.6
				Double, Clear	N	1.5	6.0	16.0	24.58	1.00	394.2
				Double, Clear	N	1.5	7.0	30.0	24.58	1.00	738.5
				Double, Clear	N	1.5	5.0	6.0	24.58	1.00	148.0
				Double, Clear	E	0.0	0.0	36.0	18.79	1.00	676.6
				Double, Clear	E	0.0	0.0	14.0	18.79	1.00	263.1
				Double, Clear	E	0.0	0.0	14.0	18.79	1.00	263.1
				Double, Clear	E	0.0	0.0	15.0	18.79	1.00	281.9
				Double, Clear	S	1.5	7.0	50.0	13.30	1.07	714.0
				As-Built Total:			319.0			6474.1	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	214.0	3.60	770.4	Frame, Wood, Adjacent	13.0		214.0	3.30		706.2	
Exterior	1045.0	3.70	3866.5	Face Brick, Wood, Exterior	13.0		1045.0	3.17		3317.9	
Base Total:				1259.0		4636.9		As-Built Total:		1259.0 4024.1	
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	20.0	11.50	230.0	Exterior Insulated			14.0	8.40		117.6	
Exterior	34.0	12.30	418.2	Exterior Insulated			20.0	8.40		168.0	
				Adjacent Insulated			20.0	8.00		160.0	
Base Total:				54.0		648.2		As-Built Total:		54.0 445.6	
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1890.0	2.05	3874.5	Under Attic	30.0		2276.0	2.05 X 1.00		4665.8	
Base Total:				1890.0		3874.5		As-Built Total:		2276.0 4665.8	
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	198.0(p)	8.9	1762.2	Slab-On-Grade Edge Insulation	0.0		198.0(p)	18.80		3722.4	
Raised	0.0	0.00	0.0								
Base Total:				1762.2		As-Built Total:		198.0		3722.4	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
INFILTRATION Area X BWPM = Points				Area X WPM = Points					
1890.0 -0.59 -1115.1				1890.0 -0.59 -1115.1					
Winter Base Points: 14140.8				Winter As-Built Points: 18216.8					
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points <div>(DM x DSM x AHU)</div>					
14140.8 0.6274 8872.0				18216.8 1.000 (1.069 x 1.169 x 1.00) 0.437 1.000 9952.3 18216.8 1.00 1.250 0.437 1.000 9952.3					

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank X Ratio	Multiplier X	Credit = Total Multiplier
3		2746.00	8238.0	40.0	0.89	3	1.00	2715.15	1.00 8145.4
				As-Built Total:					8145.4

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
10341		8872	8238 27451	9274		9952	8145 27372

PASS

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

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.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	<input checked="" type="checkbox"/>
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	<input checked="" type="checkbox"/>

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.	<input checked="" type="checkbox"/>
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%.	<input checked="" type="checkbox"/>
Shower heads	612.1	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>
HVAC Controls	607.1	Separate readily accessible manual or automatic thermostat for each system.	<input checked="" type="checkbox"/>
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.	<input checked="" type="checkbox"/>

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 82.9

The higher the score, the more efficient the home.

Brian Papka, , , ,

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 50.0 kBtu/hr
3. Number of units, if multi-family	1	___		SEER: 12.00
4. Number of Bedrooms	3	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	1890 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane		___
a. Clear glass, default U-factor	0.0 ft ²	319.0 ft ²	13. Heating systems	
b. Default tint, default U-factor	0.0 ft ²	0.0 ft ²	a. Electric Heat Pump	Cap: 50.0 kBtu/hr
c. Labeled U-factor or SHGC	0.0 ft ²	0.0 ft ²		HSPF: 7.80
8. Floor types			b. N/A	___
a. Slab-On-Grade Edge Insulation	R=0.0, 198.0(p) ft	___	c. N/A	___
b. N/A	___			___
c. N/A	___			___
9. Wall types			14. Hot water systems	
a. Frame, Wood, Adjacent	R=13.0, 214.0 ft ²	___	a. Electric Resistance	Cap: 40.0 gallons
b. Face Brick, Wood, Exterior	R=13.0, 1045.0 ft ²	___		EF: 0.89
c. N/A	___		b. N/A	___
d. N/A	___			___
e. N/A	___		c. Conservation credits	___
10. Ceiling types			(HR-Heat recovery, Solar	
a. Under Attic	R=30.0, 2276.0 ft ²	___	DHP-Dedicated heat pump)	
b. N/A	___		15. HVAC credits	
c. N/A	___		(CF-Ceiling fan, CV-Cross ventilation,	
11. Ducts			HF-Whole house fan,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 210.0 ft	___	PT-Programmable Thermostat,	
b. N/A	___		MZ-C-Multizone cooling,	
	___		MZ-H-Multizone heating)	

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 EnergyStarTM 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 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 at 850/487-1824.*

EnergyGauge® (Version: FLR2PB v3.4)

Attn: Randy Jones

Mark Disosway, P.E.

POB 868, Lake City, FL 32056, Ph 386-754-5419, Fax 386-754-6749

06 Jan 05

Building and Zoning, Columbia County, Florida

Re: Site Evaluation, **Brian Papka Residence**, Lot 6, Southwood Meadows S/D, 01-5S-16-03405-106, Columbia County, FL

Dear Building Inspector:

I have reviewed the Flood Insurance Rate Map and NGS topographic map and performed a site evaluation for the Brian Papka Residence, Lot 6, Southwood Meadows S/D, 01-5S-16-03405-106, Columbia County, FL. The existing grade elevation within the house perimeter as staked by the builder is less than one foot above the nearby county road that it fronts on. The lot is in Zone X on the FEMA rate map.


Based on my personal site inspection on the building perimeter as staked by the builder is in a very slight depression.

However, it is visually apparent that the finished floor elevation as per the string lines is at least one foot higher than the high point in the drainage path southward to Rose Creek.

To avoid flood and water damage to the house I recommend the finished floor elevation be a minimum of 8" above the high point of natural grade in the building perimeter; as currently staked by the owner.

The finished floor elevation must be minimum 6" above finished grade per FBC2001. The finished grade should slope down from that elevation for another 12 feet away from the house so that all runoff drains away from the house. The owner must maintain the swales, slopes, and ditch to provide free drainage to the ditch and prevent any possibility of storm water backing up into the house.

Sincerely,


06 JAN 05

Mark Disosway, PE

FBC 2001, SECTION 1804 FOOTINGS AND FOUNDATIONS

§1804.1 General

§1804.1.1 Foundations shall be built on undisturbed soil or properly compacted fill material. Foundations shall be constructed of materials described in this chapter.

§1804.1.2 Pile foundations shall be designed and constructed in accordance with §1805.

§1804.1.3 The bottom of foundations shall extend no less than 12 inches (305 mm) below finish grade.

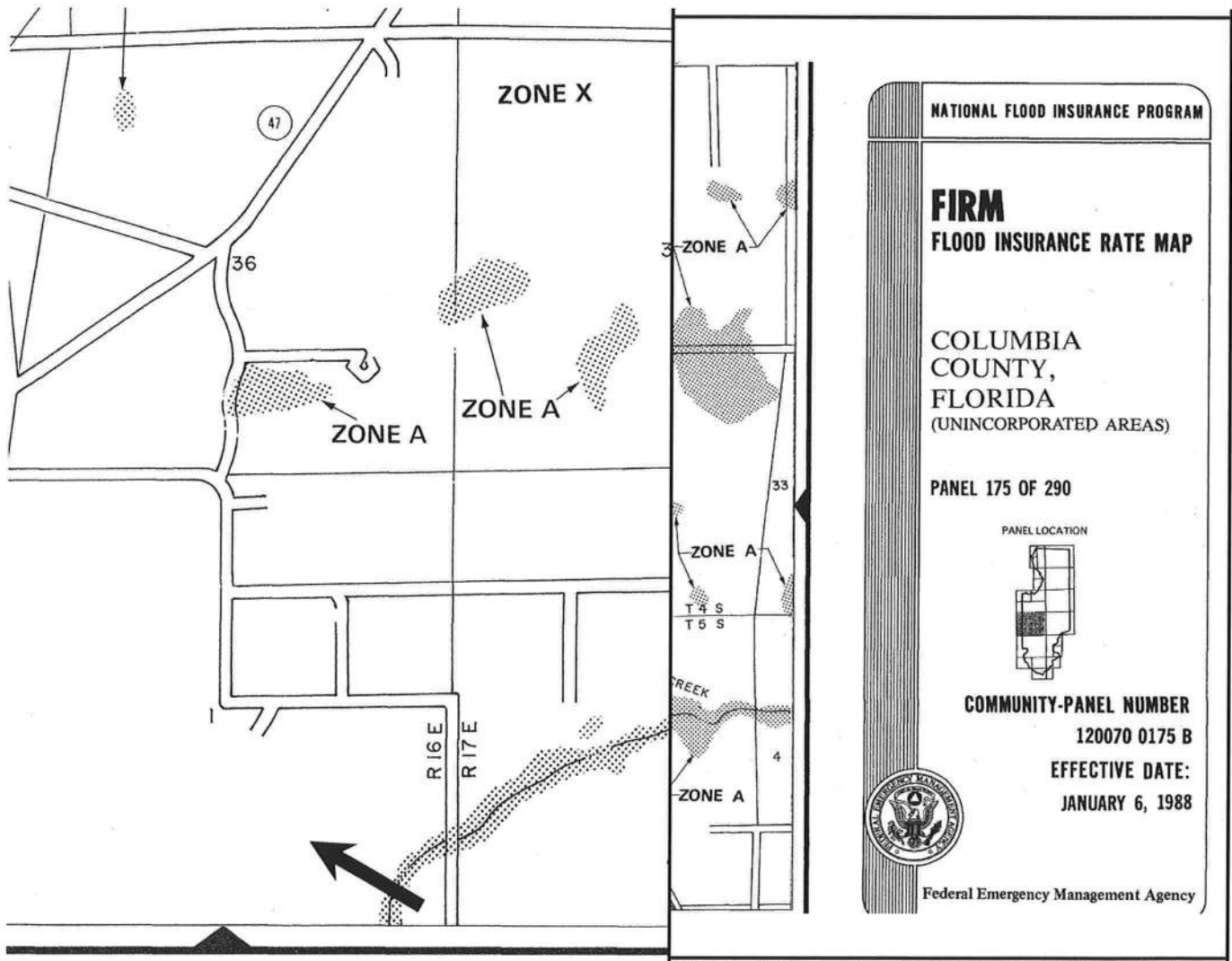
§1804.1.4 Temporary buildings and buildings not exceeding one story in height and 400 sq ft (37 m²) in area shall be exempt from these requirements.

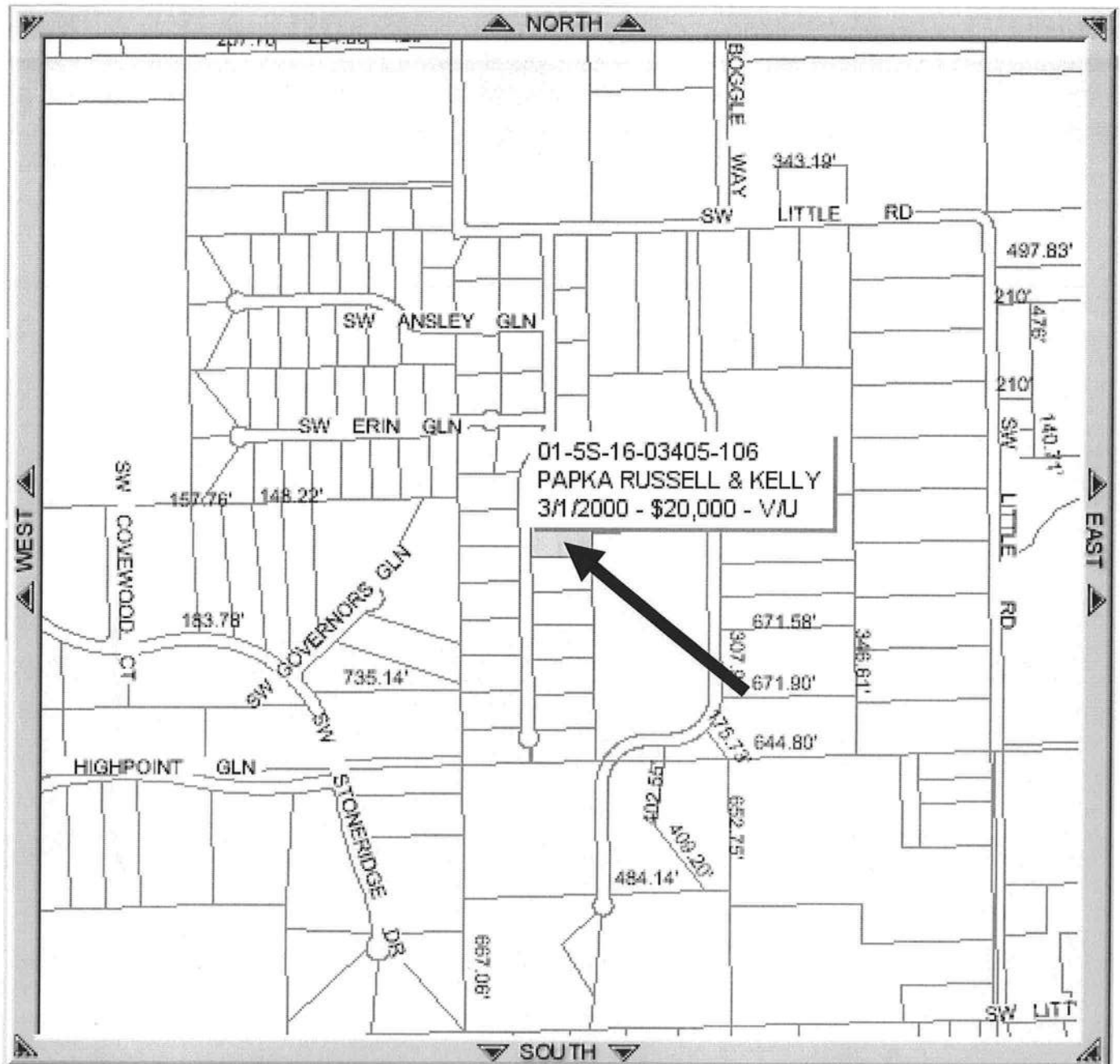
§1804.1.5 Excavations for foundations shall be backfilled with soil which is free of organic material, construction debris and large rocks.

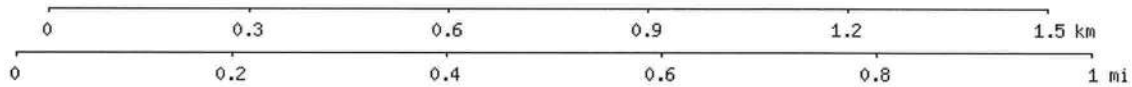
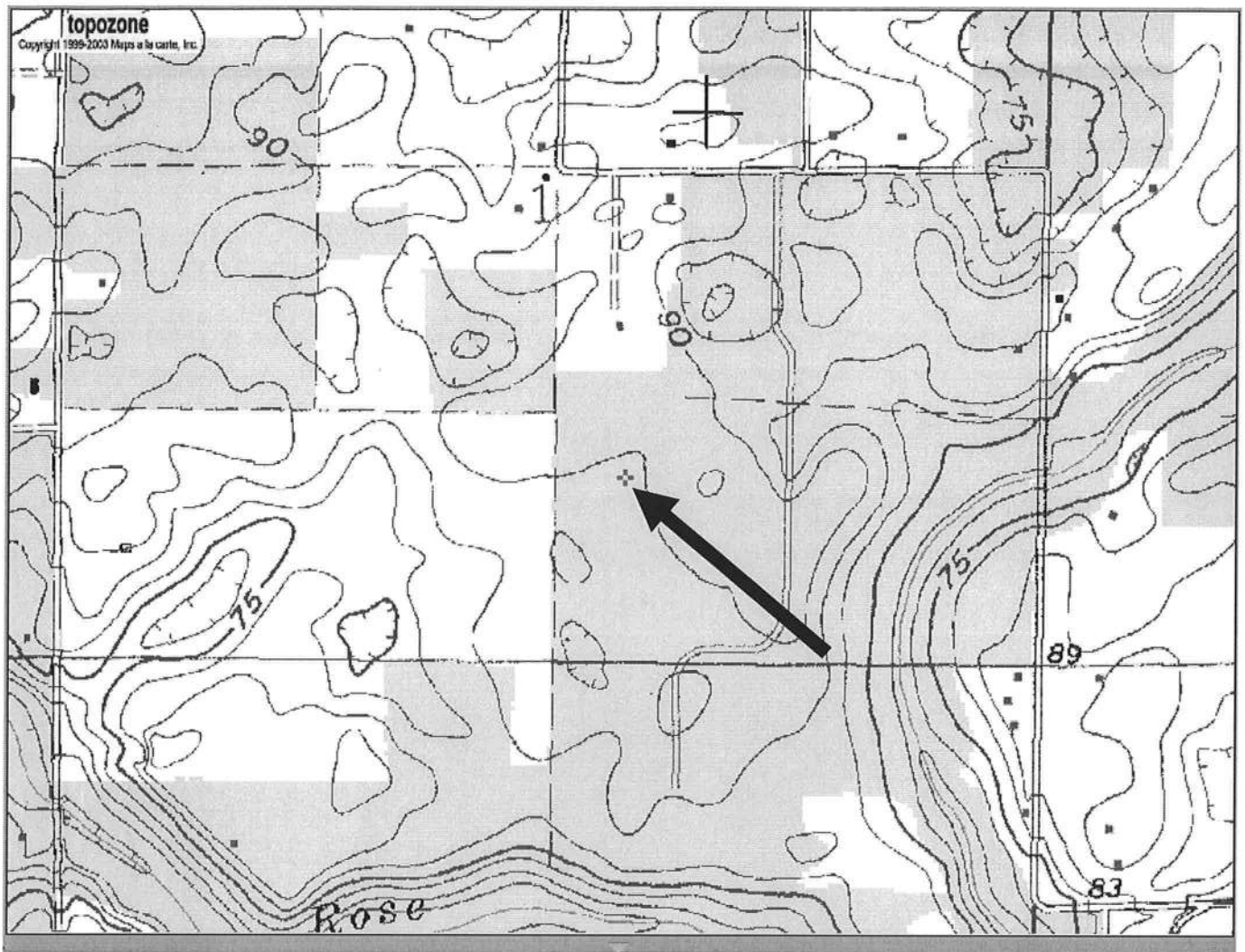
§1804.1.6 Where water impacts the ground from a roof valley, downspout, scupper or other rain water collection or diversion device, provisions shall be made to prevent soil erosion and direct the water away from the foundation.

§1804.1.7 Finish grade shall be sloped away from the foundation for drainage.

§1804.1.8 The area under footings, foundations and concrete slabs on grade shall have all vegetation, stumps, roots and foreign materials removed prior to their construction. Fill material shall be free of vegetation and foreign material.







22681

Notice of Preventative Treatments for Termites
(As required by Florida Building Code (FBC) 104.2.6)

Terminix International
176 SW Midtown Place, Ste. 104
Lake City, Florida 32025
(386) 755-3100

S.W. Meadow Terr Lake City FL
Address of Treatment or Lot/Block of Treatment

1-31-05
Date

8:10
Time

Bill Vears
Applicator

Termidor 80WG
Product Used

Fipronil
Chemical used (active ingredient)

374
Number of gallons applied

06%
Percent Concentration

2375
Area treated (square feet)

228
Linear feet treated

Horizontal & Vertical
Stage of treatment (Horizontal, Vertical, Adjoining Slab, retreat of disturbed area)

As per 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 and date this line _____.

COLUMBIA COUNTY OFFICE OF ALTERNATE

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 01-5S-16-03405-106

Building permit No. 000022681

Use Classification SFD, UTILITY

Fire: .00

Permit Holder OWNER BUILDER

Waste: .00

Owner of Building BRIAN PAPKA & BRITTANEY PAPKA

Total: .00

Location: 399 SW MEADOW TERR(SOUTHWOOD MEADOWS, LOT 6)

Date: 09/22/2005

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)