

DATE 09/01/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023566

APPLICANT RAY & LAURA WILLEMS PHONE 623.4063
ADDRESS 137 SW MEADOW TERRACE LAKE CITY FL 32024
OWNER RAY & LAURA WILLEMS PHONE 623.4063
ADDRESS 137 SW MEADOW TERRACE LAKE CITY FL 32024
CONTRACTOR WILLEMS' PHONE 623.4063
LOCATION OF PROPERTY 47-S TO WALTER AVE, TL TO LITTLE ROAD, TL TO MEADOW
TERRACE, 1ST. PLACE ON R.
TYPE DEVELOPMENT ADDITION/SFD ESTIMATED COST OF CONSTRUCTION 60450.00
HEATED FLOOR AREA 1209.00 TOTAL AREA 1209.00 HEIGHT 13.60 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 4'12 FLOOR CONC
LAND USE & ZONING A-3 MAX. HEIGHT _____
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 1 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 01-5S-16-03405-003 SUBDIVISION _____
LOT _____ BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES _____

Culvert Permit No. _____ Culvert Waiver _____ Contractor's License Number Laura Willems Applicant/Owner/Contractor
EXISTING 05-0757-N BLK 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 3770

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 305.00 CERTIFICATION FEE \$ 6.04 SURCHARGE FEE \$ 6.04
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ _____ TOTAL FEE 367.08

INSPECTORS OFFICE _____ CLERKS OFFICE CH

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 # 0508-32 Date Received 8/5/05 By JW Permit # 23566
Application Approved by - Zoning Official BLK Date 01.09.05 Plans Examiner OK JH Date 8-26-05
Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
Comments _____

Applicants Name Linda or Melanie Roder Phone 752-2281
Address 387 S.W. Kemp Ct. Lake City FL 32024
Owners Name Ray and Laura Willem's Phone 623-4063
911 Address 137 SW - Meadow Terrace Lake City FL 32024
Contractors Name owner builder Ray Willem's Phone 623-2672
Address 137 S.W. Meadow Terrace Lake City FL 32024
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address Will Meyers / Nick Geisler
Mortgage Lenders Name & Address NA
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 01-55-16-03405-003 Estimated Cost of Construction 60,000
Subdivision Name ~~Southwood Meadows~~ Lot 1 Block _____ Unit _____ Phase _____
Driving Directions SR 47 - Con Walter Ave, Con Little, R on
Meadow Terrace 1st on R

Type of Construction addition to SFD Number of Existing Dwellings on Property 1
Total Acreage 1 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 30' Side 69' Side 63.56' Rear 42.90'
Total Building Height 13'6" Number of Stories 1 Heated Floor Area 1209 ^{addition} Roof Pitch 4-12

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) Linda R. Roder

STATE OF FLORIDA
COUNTY OF COLUMBIA



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

Sworn to (or affirmed) and subscribed before me

this 12 day of July 2005.

Personally known ✓ or Produced Identification _____

Contractor Signature _____

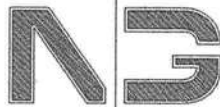
Contractors License Number _____

Competency Card Number _____

NOTARY STAMP/SEAL

Notary Signature _____

Advised AS per 9-10-05
Roder JW



**NICHOLAS
PAUL
GEISLER**
ARCHITECT
N.C.A.R.B. Certified

1758 NW Brown Road
Lake City, FL 32055
386/755-9021

25 AUGUST 2005

JOHN KERCE
COLUMBIA COUNTY BUILDING DEPARTMENT
COLUMBIA COUNTY COURTHOUSE ANNEX
LAKE CITY, FLORIDA 32055

RE: WILLEMS RESIDENCE
PLAN REVIEW Nr.: _____

DEAR MR. KERCE:

PLEASE BE ADVISED THAT I HAVE VISITED THE JOB SITE FOR THE ABOVE REFERENCED PROJECT FOR THE PURPOSE OF DETERMINING THE REQUIRED UPGRADES FOR THE EXISTING STRUCTURE IN ORDER TO MEET THE REQUIREMENTS OF CHAPTER 34 OF THE 2001 FLORIDA BUILDING CODE. FOLLOWING IS A BRIEF LIST OF ITEMS REQUIRING ATTENTION TO SATISFY THE CODE REQUIREMENTS:

1. BEDROOM ELECTRICAL CIRCUITS:
CHANGE THE EXISTING BREAKERS TO THE NEW AFCI BREAKERS
2. MASTER BATH WINDOWS:
AT THE TWO WINDOWS ABOVE THE BATH AREA, RE-GLAZE THE EXISTING FRAMES WITH INSULATING TEMPERED GLASS PANELS IN LIEU OF THE EXISTING ANNEALED GLASS PRESENTLY INSTALLED.

THE INVESTIGATION ALSO REVEALED THE THE RECEPTACLES IN THE KITCHEN, BATHS AND EXTERIOR LOCATIONS TO BE GFI, AND WERE FOUND TO BE IN WORKING ORDER.

THE ROOF TRUSSES ARE ANCHORED TO THE WALL FRAMING WITH ANCHOR STRAPS EQUAL TO "SIMPSON" H2.5 UNITS.

SMOKE DETECTORS WERE OBSERVED, HOWEVER, THE ELECTRICIAN SHALL BE REQUIRED TO VERIFY OPERATION AND INTERCONNECTION OF THE UNITS, AND THE SOURCE OF THE ELECTRICAL POWER (MINIMUM 120 VAC).

IT IS THE RECOMMENDATION OF THE ARCHITECT TO PROCEED WITH THE CONSTRUCTION OF THE PROPOSED ADDITIONS FOR THIS PROJECT WITH THE ABOVE CORRECTIONS INCLUDED AS WORK ITEMS OF THE CONTRACT FOR CONSTRUCTION. SUCH WORK TO BE CONDUCTED BY LICENSED CONTRACTORS AND INSPECTED BY THE BUILDING DEPARTMENT AS PART OF THE REQUIREMENTS FOR A "CERTIFICATE OF OCCUPANCY".

SHOULD YOU HAVE ANY QUESTION WITH THE FOREGOING, PLEASE CALL FOR ASSISTANCE.

YOURS TRULY,
NICHOLAS PAUL GEISLER, ARCHITECT AR0007005

Prepared by & return to:
 North Florida Permit Services
 387 S.W. Kemp Ct.
 Lake City, FL 32024

NOTICE OF COMMENCEMENT

PERMIT #

Tax Folio/Parcel ID 01-55-16-03405-003State: FloridaCounty: 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 the notice of commencement.

1. Description of property (legal description of property, lot, block and street address if available):
137 S.W. meadow Terrace Lake City FL 32024
Lot 1 Southwood meadows
2. General description of improvement: Single Family Dwelling
 - a. Owner Name: Ray & Laura Willemms
 - Owner Address: 137 S.W. meadow Terrace Lake City FL 32024
 - b. Interest in property: Home Site
 - c. Name and address of fee simple title holder (if other than owner): NA
3. Contractor: (Qualifier name & address) Ray Willemms - owner builder
4. Surety: Name and address: NA Amount of bond \$ NA
5. Lender (name & address): NA
6. 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: (name & address): NA
7. In addition to himself, Owner designates the following person(s) to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes: (name & address): NA
8. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): _____

X Ray Willemms
 Signature of owner

STATE OF FLORIDA

COUNTY OF

Columbia

The foregoing instrument was acknowledged before me this 11 day of July, 2005
 by _____ who is personally known to me or who has produced
 _____ as identification.

(SEAL)

Linda R. Roder
 Notary Public



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

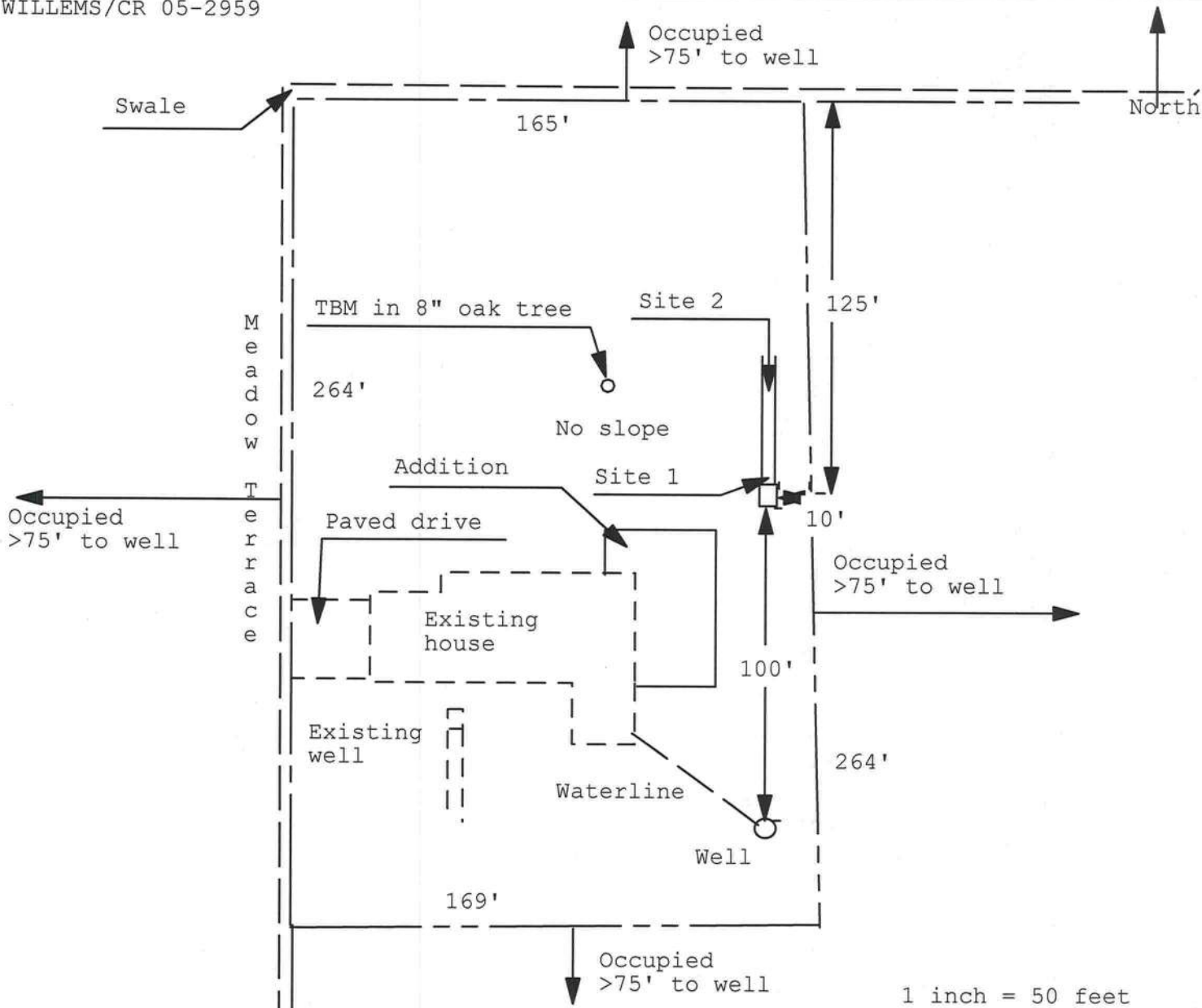
P-1203

Inst: 2005018812 Date: 08/05/2005 Time: 12:02
YMK DC, P. DeWitt Cason, Columbia County B: 1054 P: 308

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0757N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

WILLEMS/CR 05-2959



Site Plan Submitted By Paul L. Lyle Date 7/14/05
Plan Approved ☒ Not Approved ☐ Date 7/19/05

By R. Kassees ESII Reviewed by Ramsay Kassees Columbia CPHU 7/19/05

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

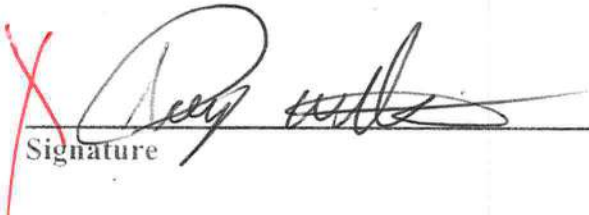
- ☐ Single Family Dwelling
☐ Farm Outbuilding
☐ New Construction

- ☐ Two-Family Residence
☐ Other _____

☐ Addition, Alteration, Modification or other Improvement

NEW CONSTRUCTION OR IMPROVEMENT

I _____, 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 _____

 Signature

7-11-05
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 _____

ATS 3295

WARRANTY DEED
MADE TO SERVE

0742 PG 062

This Warranty Deed Made the 1st day of March
PETER W. GIEBEIG OFFICIAL RECORDS

A. D. 19 91

hereinafter called the grantor, to

91-02584

RAYMOND M. WILLEMS and wife, LAURA R. WILLEMS

whose postoffice address is 951 SOUTH FIRST STREET, LAKE CITY, FL 32055
 hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of \$ 10.00 and other valuable
 considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, alien, remises, releases, con-
 vey and confirms unto the grantee, all that certain land situate in Columbia
 County, Florida, viz:

A part of the NW 1/4 of the SE 1/4 of Section 1, Township 5 South,
 Range 16 East, being more particularly described as follows:

Commence at the NW Corner of said NW 1/4 of the SE 1/4 and run
 S 00 deg. 1' 07" E, along the West line thereof, 44.0 feet to the
 South Right of Way line of Little Road; thence N 89 deg. 16' 03" E
 along said Right of Way line, 497.25 feet for a Point of Beginning;
 thence continue N 89 deg. 16' 03" E along said Right of Way line
 165.00 feet; thence S 00 deg. 19' 13" E, 264.0 feet; thence S 89
 deg. 16' 03" W 165.0 feet; thence N 00 deg. 19' 13" W, 264.00 feet to
 the Point of Beginning, Columbia County, Florida.

The above described property is not the homestead property of the grantor
 herein, who in fact resides at CYPRESS LAKE DR, LAKE CITY, FL 32056

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

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

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in
 fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the 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, 1990

THIS DEED IS SUBJECT TO A MORTGAGE IN FAVOR OF FIRST FEDERAL SAVINGS BANK OF
 FLORIDA, DATED AUGUST 1, 1990, RECORDED AUGUST 3, 1990, IN OR BOOK 727, PAGE
 142, PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year
 first above written.

Signed, sealed and delivered in our presence:

Donna M. McDonald
 Donna M. McDonald

Peter W. Giebig
 PETER W. GIEBIG

STATE OF FLORIDA

COUNTY OF COLUMBIA

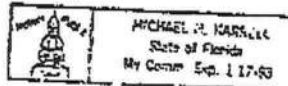
I HEREBY CERTIFY that on this day, before me, as officer duly authorized in the State aforesaid and in the
 County aforesaid to take acknowledgements, personally appeared
 PETER W. GIEBIG

to me known to be the person described in and who executed the foregoing instrument and
 he acknowledged before me that he executed the same.

WITNESS my hand and official seal in the County and State last aforesaid this 1st day
 of March, A.D. 19 91

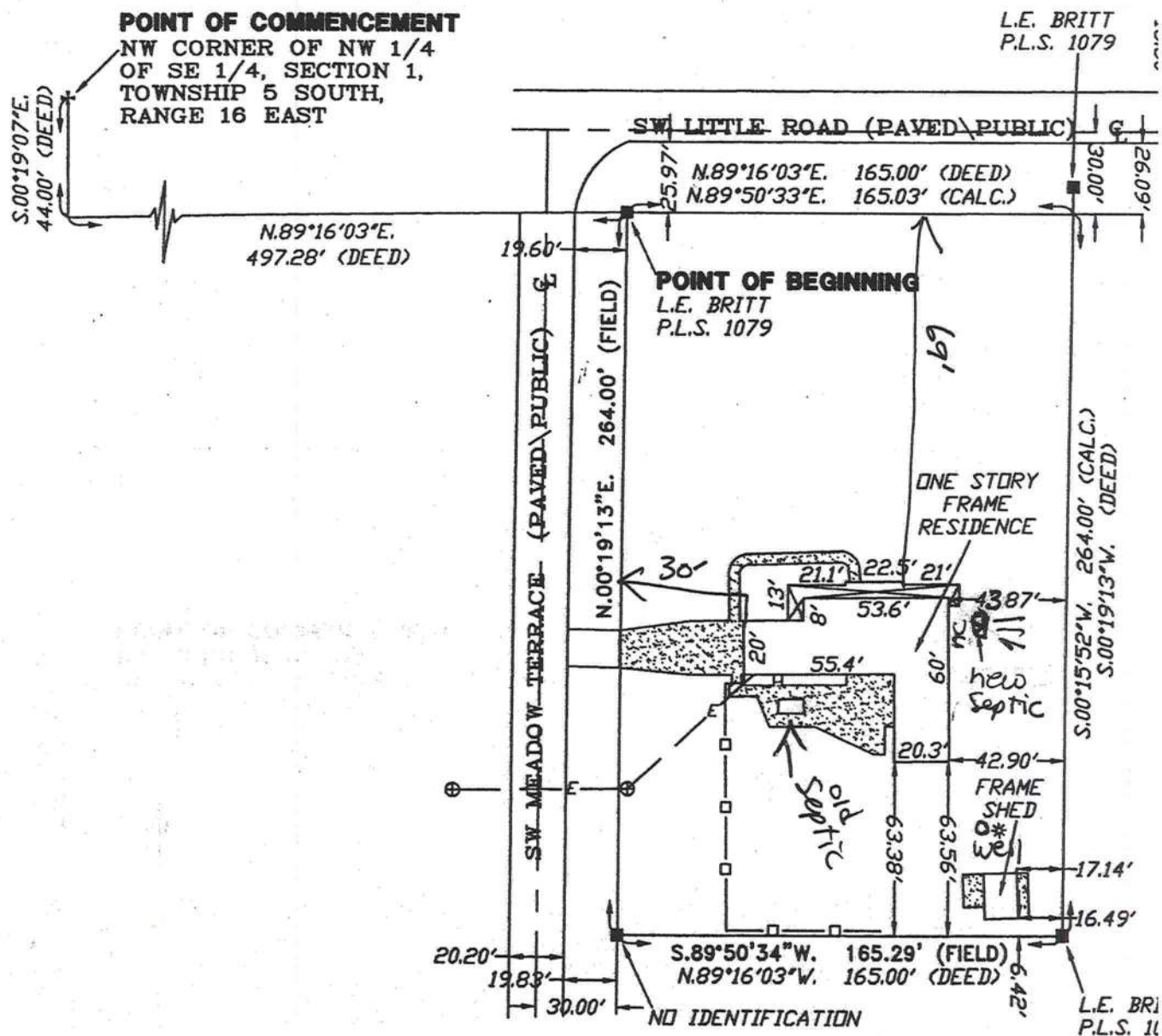
MICHAEL H. HARRELL
 P. O. BOX 7016
 LAKE CITY, FLORIDA 32055
 PURSUANT TO ISSUANCE OF TITLE INSURANCE

NOTARY PUBLIC



NPPC 10505

Site Plan



CERTIFIED TO:
RAYMOND WILLEMS
ABSTRACT AND TITLE SERVICES, INC.
COMMONWEALTH LAND TITLE INSURANCE COMPANY
CHASE MANHATTAN MORTGAGE CORPORATION

FIELD BOOK 272

PAGE(S) 28

SURVEYOR'S CERT

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER
TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA
IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, P

11/16/04

11/17/04

FIELD SURVEY DATE

DRAWING DATE

NOTE: UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL
MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFO

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	Ray Williams	Builder:	
Address:	Lot: 1, Sub: South Wood Mdws, Plat:	Permitting Office:	Columbia
City, State:	, FL 32024-	Permit Number:	
Owner:	Williams Residence	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	Addition	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 20.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	2	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1123 ft²	13. Heating systems	
7. Glass area & type		a. Electric Heat Pump	Cap: 20.0 kBtu/hr
a. Clear - single pane	0.0 ft²		HSPF: 6.80
b. Clear - double pane	90.0 ft²	b. N/A	
c. Tint/other SHGC - single pane	0.0 ft²	c. N/A	
d. Tint/other SHGC - double pane	0.0 ft²	14. Hot water systems	
8. Floor types		a. Electric Resistance	Cap: 50.0 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 119.0(p) ft		EF: 0.90
b. N/A		b. N/A	
c. N/A		c. Conservation credits	
9. Wall types		(HR-Heat recovery, Solar	
a. Frame, Wood, Exterior	R=13.0, 844.0 ft²	DHP-Dedicated heat pump)	
b. N/A		15. HVAC credits	
c. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
d. N/A		HF-Whole house fan,	
e. N/A		PT-Programmable Thermostat,	
10. Ceiling types		MZ-C-Multizone cooling,	
a. Under Attic	R=30.0, 1123.0 ft²	MZ-H-Multizone heating)	
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 30.0 ft		
b. N/A			

Glass/Floor Area: 0.08

Total as-built points: 14333
Total base points: 17128

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.	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.	
PREPARED BY: Will Myers	BUILDING OFFICIAL:	
DATE: 06/23/05	DATE:	
I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.		
OWNER/AGENT:		
DATE:		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: South Wood Mdws, Plat: , , FL, 32024-

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	1123.0	20.04	4050.9	Double, Clear	E	1.5	6.0	45.0	40.22	0.91	1652.1
				Double, Clear	S	1.5	6.0	15.0	34.50	0.86	443.1
				Double, Clear	N	1.5	6.0	30.0	19.22	0.94	541.2
				As-Built Total:							90.0
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			844.0	1.50	1266.0	
Exterior	844.0	1.70	1434.8								
Base Total: 844.0 1434.8				As-Built Total:			844.0	1266.0			
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Insulated				18.0	4.10	73.8	
Exterior	18.0	6.10	109.8								
Base Total: 18.0 109.8				As-Built Total:			18.0	73.8			
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1123.0	1.73	1942.8	Under Attic	30.0			1123.0	1.73 X 1.00	1942.8	
Base Total: 1123.0 1942.8				As-Built Total:			1123.0	1942.8			
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	119.0(p)	-37.0	-4403.0	Slab-On-Grade Edge Insulation	0.0			119.0(p)	-41.20	-4902.8	
Raised	0.0	0.00	0.0								
Base Total: -4403.0				As-Built Total:			119.0	-4902.8			
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
1123.0 10.21 11465.8				1123.0 10.21 11465.8							
Summer Base Points: 14601.1				Summer As-Built Points: 12481.9							
Total Summer X System = Cooling Points Multiplier Points				Total X Cap X Duct X System X Credit = Cooling Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)							
14601.1	0.4266	6228.8	12481.9	1.000	(1.090 x 1.147 x 0.91)	0.310	1.000	4406.1			
				12481.9	1.00	1.138	0.310	1.000	4406.1		

WINTER CALCULATIONS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: South Wood Mdws, Plat: , , FL, 32024-

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	1123.0	12.74	2575.3	Double, Clear	E	1.5	6.0	45.0	9.09	1.04	423.6
				Double, Clear	S	1.5	6.0	15.0	4.03	1.12	67.6
				Double, Clear	N	1.5	6.0	30.0	14.30	1.00	430.1
				As-Built Total:							90.0
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			844.0	3.40		2869.6
Exterior	844.0	3.70	3122.8								
Base Total: 844.0 3122.8				As-Built Total:			844.0	2869.6			
DOOR TYPES Area X BWPM = Points				Type				Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Exterior Insulated				18.0	8.40		151.2
Exterior	18.0	12.30	221.4								
Base Total: 18.0 221.4				As-Built Total:			18.0	151.2			
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1123.0	2.05	2302.1	Under Attic	30.0			1123.0	2.05 X 1.00		2302.1
Base Total: 1123.0 2302.1				As-Built Total:			1123.0	2302.1			
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	119.0(p)	8.9	1059.1	Slab-On-Grade Edge Insulation	0.0			119.0(p)	18.80		2237.2
Raised	0.0	0.00	0.0								
Base Total: 1059.1				As-Built Total:			119.0	2237.2			
INFILTRATION Area X BWPM = Points							Area X WPM = Points				
1123.0 -0.59 -662.6							1123.0 -0.59 -662.6				
Winter Base Points: 8618.1				Winter As-Built Points: 7818.9							
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (DM x DSM x AHU)							
8618.1	0.6274	5407.0	7818.9 1.000 (1.069 x 1.169 x 0.93) 0.501 1.000 4556.9 7818.9 1.00 1.162 0.501 1.000 4556.9								

WATER HEATING & CODE COMPLIANCE STATUS
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: South Wood Mdws, Plat: , , FL, 32024-

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X Credit = Total
Number of	X	Multiplier	=	Total	Volume	Bedrooms		Ratio	Multiplier
Bedrooms									
2		2746.00		5492.0	50.0	0.90	2	1.00	2684.98 1.00 5370.0
				As-Built Total:					
									5370.0

CODE COMPLIANCE STATUS													
BASE					AS-BUILT								
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
6229		5407		5492		17128	4406		4557		5370		14333

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 1, Sub: South Wood Mdws, Plat: , , FL, 32024-

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* = 86.3

The higher the score, the more efficient the home.

Williams Residence, Lot: 1, Sub: South Wood Mdws, Plat: , , FL, 32024-

1. New construction or existing	Addition	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 20.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	2	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft ²)	1123 ft ²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	0.0 ft ²	a. Electric Heat Pump	Cap: 20.0 kBtu/hr
b. Clear - double pane	90.0 ft ²		HSPF: 6.80
c. Tint/other SHGC - single pane	0.0 ft ²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft ²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 119.0(p) ft	a. Electric Resistance	Cap: 50.0 gallons
b. N/A			EF: 0.90
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 844.0 ft ²	(HR-Heat recovery, Solar	
b. N/A		DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 1123.0 ft ²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 30.0 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.

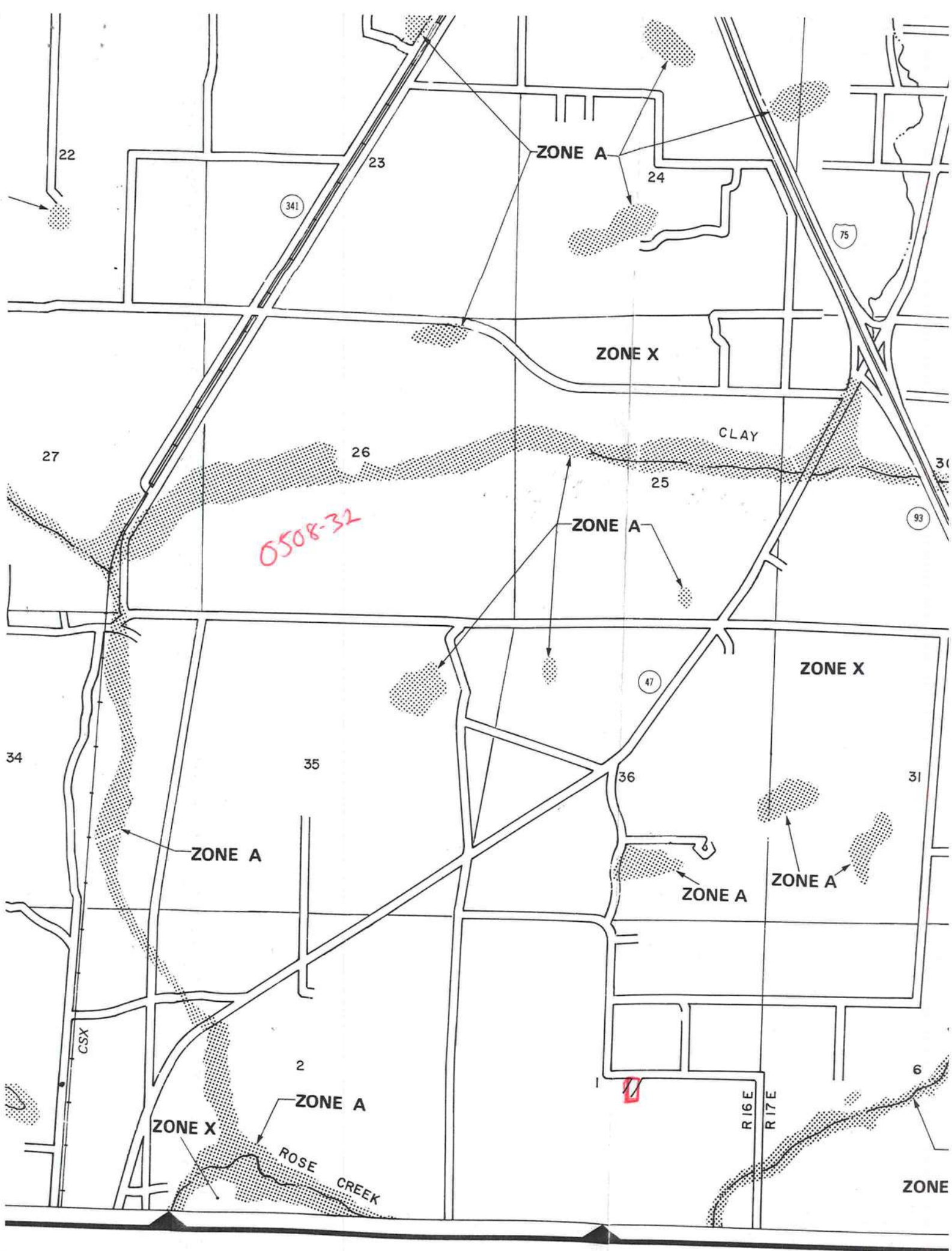
Builder Signature: _____ Date: _____

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 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 850/468-1824.

Energy Gauge Version: FLR1PB v3.22)



COLUMBIA COUNTY OFFICE OF CIVIL ENGINEERING

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-16-03405-003

Building permit No. 000023566

Use Classification ADDITION/SFD

Fire: 0.00

Permit Holder WILLEMS'

Waste:

Owner of Building RAY & LAURA WILLEMS

Total: 0.00

Location: 137 SW MEADOW TERR., LAKE CITY, FL

Date: 02/27/2006

Ray Dicks

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)



NEW CONSTRUCTION SUBTERRANEAN TERMITE TREATMENT RECORD

ASPEN PESTCONTROL INC.
301 N.W. COLE TERRACE
LAKE CITY FL. 32055
Phone 386/755/3611

#23566

BUILDER INFORMATION

Company Name Ray Williams Company Phone _____

Property Information

Location of Structure Treated (Street Address or Legal Description City, State and Zip _____

137 S.W. Meadow Terrace
Lake City, Fl.

TREATMENT INFORMATION

Date 10-17-05

Product Sentricon

EPA Registration 70907-7-57480

Final Mix Solution % 0.5%

Treatment Area Additions to home, shed & Bay window

Total Gallons 250 Was Treatment Complete Yes

Service Agreement Available? no

Comments _____

Applicator Steve Brannon

Authorized Signature Steve Brannon Date 10-17-05