

DATE 02/21/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022827

APPLICANT BRENDA TERRY PHONE 755-8699
ADDRESS P.O. BOX 3535 LAKE CITY FL 32056
OWNER MARK HADDOX PHONE 758-9719
ADDRESS 235 SW PHILLIPS CIRCLE LAKE CITY FL 32055
CONTRACTOR WILLIAM WOOD/WOODMAN PARK PHONE 755-8699
LOCATION OF PROPERTY 90W, TL ON 252B, TR ON PHILLIPS CIRCLE, 6TH ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 78000.00
HEATED FLOOR AREA 1560.00 TOTAL AREA 2420.00 HEIGHT .00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB
LAND USE & ZONING RSF-2 MAX. HEIGHT 15
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 03-4S-16-02739-205 SUBDIVISION TURKEY RUN
LOT 5 BLOCK PHASE UNIT TOTAL ACRES .50

000000539 N CBC058182
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT 05-0115-N BK
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 124

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 \$ 390.00 CERTIFICATION FEE \$ 12.10 SURCHARGE FEE \$ 12.10
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ WASTE FEE \$
FLOOD ZONE DEVELOPMENT FEE \$ CULVERT FEE \$ 25.00 TOTAL FEE 489.20

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

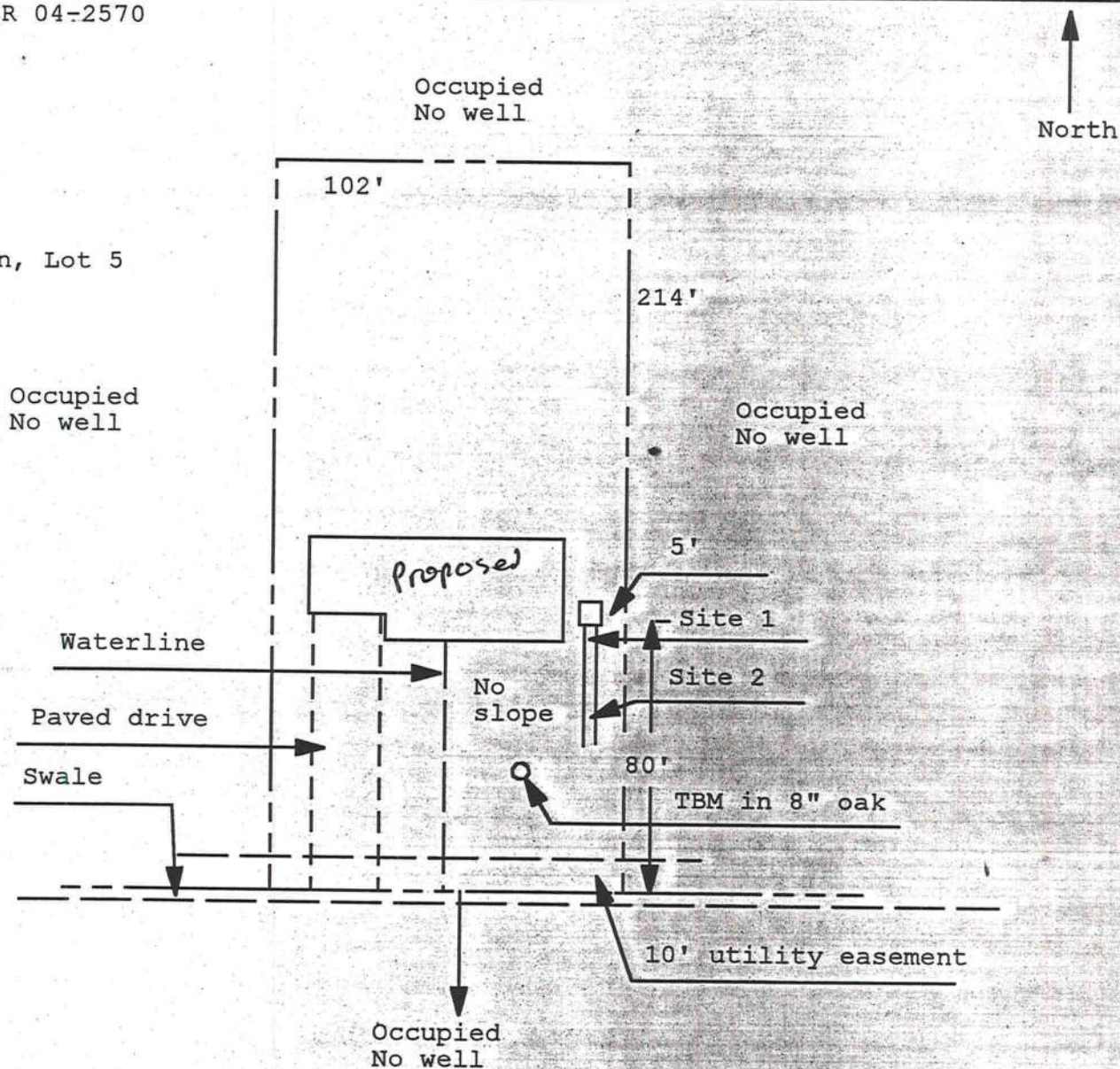
PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0115N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HADDOX/WOOD/CR 04-2570



1 inch = 50 feet

Site Plan Submitted By Paul L. [Signature] Date 11/31/05
Plan Approved ☒ Not Approved ☐ Date 2-4-05
By [Signature] Columbus CPHU

Notes: _____

**Columbia County Building Department
Culvert Permit**

**Culvert Permit No.
000000539**

DATE 02/21/2005 PARCEL ID # 03-4S-16-02739-205
APPLICANT BRENDA TERRY PHONE 755-8699
ADDRESS P.O. BOX 3535 LAKE CITY FL 32056
OWNER MARK HADDOX PHONE 758-9719
ADDRESS 235 SW PHILLIPS CIRCLE LAKE CITY FL 32055
CONTRACTOR WILLIAM WOOD PHONE 755-2411
LOCATION OF PROPERTY 90W, TL ON 252B, TR ON PHILLIPS CIRCLE, 6TH LOT ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TURKEY RUN 5

SIGNATURE Brenda Terry

INSTALLATION REQUIREMENTS

☒

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

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

☐

Culvert installation shall conform to the approved site plan standards.

☐

Department of Transportation Permit installation approved standards.

☐

Other _____

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

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

Amount Paid 25.00



LETTER OF AUTHORIZATION

Date: 2-21-05

Columbia County Building Department
P.O. Box 1529
Lake City, FL 32056

I William Wood, License No. CB-C058182 do hereby
Authorize Brenda Terry to pull and sign permits on my
behalf.

Sincerely,



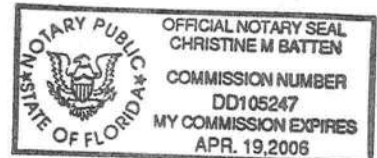
Sworn to and subscribed before me this 21st day of February, 2005

Notary Public: Christine M. Batten
CHRISTINE M. BATTEN

My commission expires: _____

Personally Known ✓

Produced Valid Identification: _____



FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name:	HADDOX LOT 5	Builder:	WOODMAN PARK
Address:	LOT 13 TURKEY RUN	Permitting Office:	COLUMBIA COUNTY
City, State:	,	Permit Number:	22827
Owner:	HADDOX	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 36.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft²)	1560 ft²		
7. Glass area & type		13. Heating systems	
a. Clear - single pane	35.0 ft²	a. PTHP	Cap: 36.0 kBtu/hr
b. Clear - double pane	128.0 ft²		COP: 3.40
c. Tint/other SHGC - single pane	0.0 ft²	b. N/A	
d. Tint/other SHGC - double pane	0.0 ft²	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 142.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.90
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=17.5, 1094.0 ft²	c. Conservation credits	
b. Frame, Wood, Adjacent	R=17.5, 176.0 ft²	(HR-Heat recovery, Solar	
c. N/A		DHP-Dedicated heat pump)	
d. N/A		15. HVAC credits	
e. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types		HF-Whole house fan,	
a. Under Attic	R=30.0, 1560.0 ft²	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 38.0 ft		
b. N/A			

Glass/Floor Area: 0.10

Total as-built points: 19591
Total base points: 24982

PASS

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

PREPARED BY: Larry Resmundo A/k

DATE: January 18 2005

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


OWNER/AGENT: _____

DATE: _____

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

BUILDING OFFICIAL: _____

DATE: _____



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: LOT 13 TURKEY RUN, , ,

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	1560.0	20.04	5627.2	Double, Clear	S	7.0	7.0	30.0	34.50	0.52	538.8
				Single, Clear	N	10.0	8.0	35.0	20.36	0.68	481.6
				Double, Clear	S	1.0	6.0	60.0	34.50	0.94	1947.6
				Double, Clear	N	1.0	6.0	29.0	19.22	0.97	543.1
				Double, Clear	N	10.0	4.0	9.0	19.22	0.60	104.3
				As-Built Total:							163.0
WALL TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Adjacent	176.0	0.70	123.2	Frame, Wood, Exterior	17.5			1094.0	1.05	1148.7	
Exterior	1094.0	1.70	1859.8	Frame, Wood, Adjacent	17.5			176.0	0.45	79.2	
Base Total:		1270.0	1983.0	As-Built Total:			1270.0			1227.9	
DOOR TYPES Area X BSPM = Points				Type				Area X SPM = Points			
Adjacent	21.0	2.40	50.4	Exterior Wood				21.0	6.10	128.1	
Exterior	21.0	6.10	128.1	Adjacent Wood				21.0	2.40	50.4	
Base Total:		42.0	178.5	As-Built Total:			42.0			178.5	
CEILING TYPES Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points			
Under Attic	1560.0	1.73	2698.8	Under Attic	30.0			1560.0	1.73 X 1.00	2698.8	
Base Total:		1560.0	2698.8	As-Built Total:			1560.0			2698.8	
FLOOR TYPES Area X BSPM = Points				Type	R-Value			Area X SPM = Points			
Slab	142.0(p)	-37.0	-5254.0	Slab-On-Grade Edge Insulation	0.0			142.0(p)	-41.20	-5850.4	
Raised	0.0	0.00	0.0								
Base Total:			-5254.0	As-Built Total:			142.0			-5850.4	
INFILTRATION Area X BSPM = Points							Area X SPM = Points				
		1560.0	10.21	15927.6				1560.0	10.21	15927.6	

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: LOT 13 TURKEY RUN, , ,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points:		21161.1		Summer As-Built Points:				17797.7							
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					(DM x DSM x AHU)										
21161.1		0.4266		9027.3	17797.7		1.000		(1.090 x 1.147 x 1.00)		0.341		1.000		7594.4
					17797.7		1.00		1.250		0.341		1.000		7594.4

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: LOT 13 TURKEY RUN, , ,

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	1560.0	12.74	3577.4	Double, Clear	S	7.0	7.0	30.0	4.03	2.73	330.3
				Single, Clear	N	10.0	8.0	35.0	27.44	1.02	980.5
				Double, Clear	S	1.0	6.0	60.0	4.03	1.03	248.0
				Double, Clear	N	1.0	6.0	29.0	14.30	1.00	415.0
				Double, Clear	N	10.0	4.0	9.0	14.30	1.03	132.2
				As-Built Total:						163.0	2106.0
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	176.0	3.60	633.6	Frame, Wood, Exterior	17.5		1094.0	2.50	2735.0		
Exterior	1094.0	3.70	4047.8	Frame, Wood, Adjacent	17.5		176.0	2.47	435.6		
Base Total:		1270.0	4681.4	As-Built Total:				1270.0	3170.6		
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	21.0	11.50	241.5	Exterior Wood				21.0	12.30	258.3	
Exterior	21.0	12.30	258.3	Adjacent Wood				21.0	11.50	241.5	
Base Total:		42.0	499.8	As-Built Total:				42.0	499.8		
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1560.0	2.05	3198.0	Under Attic	30.0		1560.0	2.05 X 1.00		3198.0	
Base Total:		1560.0	3198.0	As-Built Total:				1560.0	3198.0		
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	142.0(p)	8.9	1263.8	Slab-On-Grade Edge Insulation	0.0		142.0(p)	18.80	2669.6		
Raised	0.0	0.00	0.0								
Base Total:			1263.8	As-Built Total:				142.0	2669.6		
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
		1560.0	-0.59					1560.0	-0.59	-920.4	
			-920.4								

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: LOT 13 TURKEY RUN, , ,

PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		12300.0		Winter As-Built Points:						10723.6	
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	=	Heating Points
12300.0		0.6274	7717.0	10723.6		1.000	(1.069 x 1.169 x 1.00)	0.294	1.000		3941.4
				10723.6		1.00	1.250	0.294	1.000		3941.4

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: LOT 13 TURKEY RUN, , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING									
Number of Bedrooms	X	Multiplier	= Total	Tank Volume	EF	Number of Bedrooms	X Tank Ratio	X Multiplier	X Credit Multiplier = Total
3		2746.00	8238.0	40.0	0.90	3	1.00	2684.98	1.00 8054.9
				As-Built Total:					8054.9

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+ Hot Water Points = Total Points	Cooling Points	+	Heating Points	+ Hot Water Points = Total Points
9027		7717	8238 24982	7594		3941	8055 19591

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: LOT 13 TURKEY RUN, , ,

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* = 86.5
The higher the score, the more efficient the home.

HADDOX, LOT 13 TURKEY RUN, , ,

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) 1560 ft²
7. Glass area & type
a. Clear - single pane 35.0 ft²
b. Clear - double pane 128.0 ft²
c. Tint/other SHGC - single pane 0.0 ft²
d. Tint/other SHGC - double pane 0.0 ft²
8. Floor types
a. Slab-On-Grade Edge Insulation R=0.0, 142.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=17.5, 1094.0 ft²
b. Frame, Wood, Adjacent R=17.5, 176.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 1560.0 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 38.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 36.0 kBtu/hr SEER: 10.00
b. N/A
c. N/A
13. Heating systems
a. PTHP Cap: 36.0 kBtu/hr COP: 3.40
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 40.0 gallons EF: 0.90
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)

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

Builder Signature: Date:

Address of New Home: City/FL Zip:



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ 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: FLRCSB v3.22)

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF

Inst:2005002441 Date:02/02/2005 Time:14:07

~~YHA~~ DC, P. DeWitt Cason, Columbia County B:1037 P:46

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: Turkey Run Lot 5 ID# 03-4S-16-02739-205
2. General Description of Improvement: New Frame + Brick Home
3. Owner Information:
 - a. Name and Address: Mark Haddox
245 NW Wildflower Lane LAKE CITY, FL 32055
 - b. Interest in Property: N/A
 - c. Name and Address of Fee Simple Titleholder (if other than owner): N/A
4. Contractor (name and address): Woodman Park Builders, Inc
PO Box 3535 LAKE CITY, FL 32056
5. Surety:
 - a. Name and Address: NA
 - b. Amount of Bond: NA
6. Lender (name and address): NA
7. Persons within the State of Florida designated by owner upon whom notices or other documents may be served as provided by Florida Statutes 713.13(1)(a)(7): NA
8. In addition to himself, owner designates: NA
9. to receive a copy of the Lessor's Notice as provided in Florida Statutes 713.13(1)(b).
Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): NA

Type Owner Name: _____

Mark Haddox
Type Owner Name: mark Haddox

Sworn to and subscribed before me this 2 day of February, 2005.

Personally Known: ✓

Produced ID: _____

Did/Did Not Take an Oath: _____

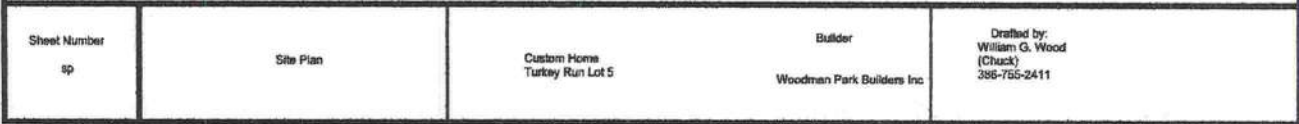
Brenda Terry
Type Notary's Name: Brenda Terry

Notary Public, State of Florida

Commission Expiry & Number: DD293888 Feb. 24, 2008



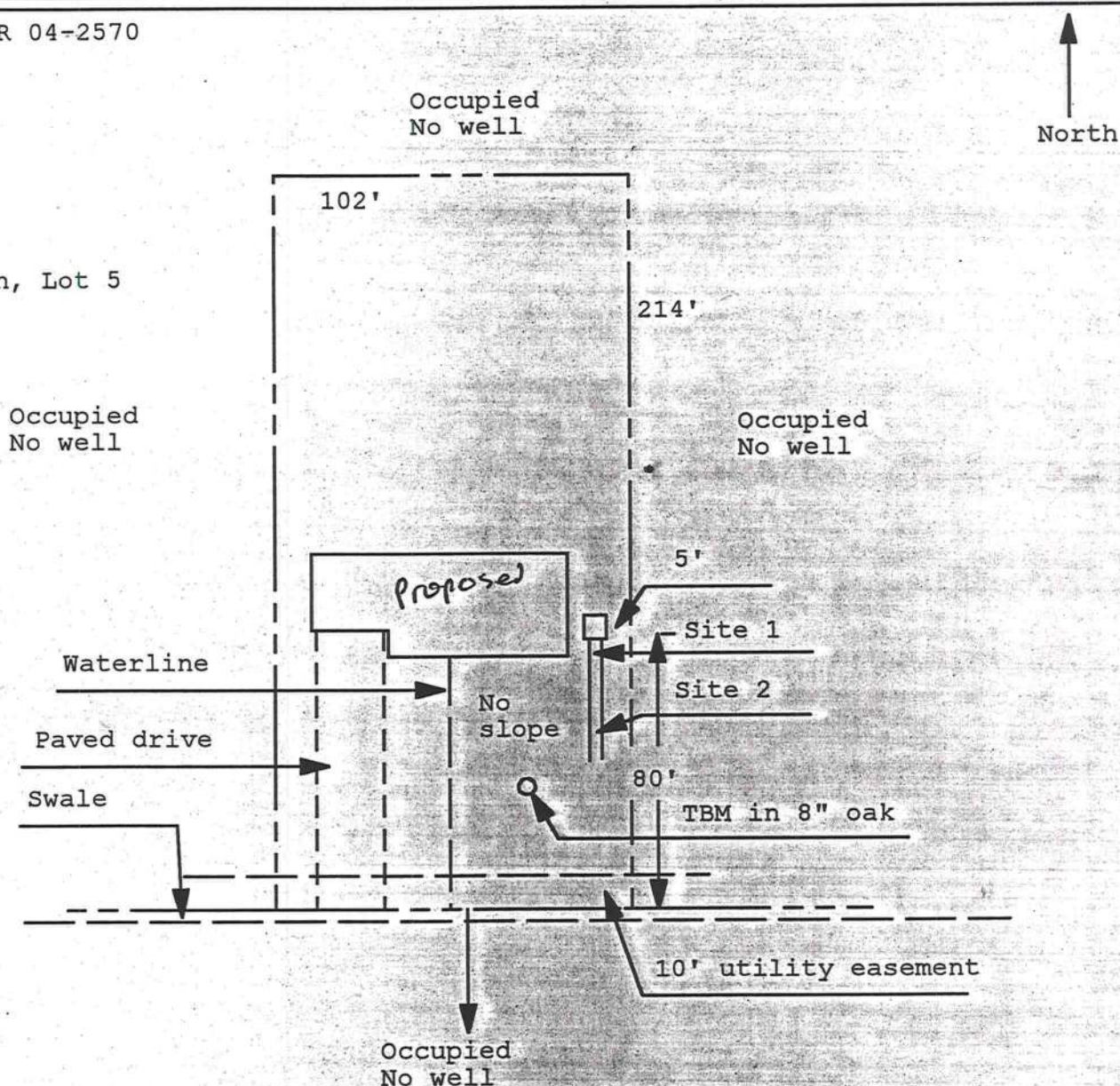
Brenda Terry
My Commission DD293888
Expires February 24, 2008



Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 05-0115N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

HADDOX/WOOD/CR 04-2570



1 inch = 50 feet

Site Plan Submitted By Paul L. [Signature] Date 1/31/05
Plan Approved ☒ Not Approved ☐ Date 2-4-05
By [Signature] Columbus CPHU

Notes: _____

MASTER



AMTROL INC.

WEL-FLO[®]

**Pre-pressurized
Water System Tanks**

- Proven Diaphragm Design
- Tough Glass Finish
- Sizes from 14 to 119 Gallons
- Outstanding Value





NEW HOME CONST ONLY

Pump and Tank Code
Section 613
Well Pumps and Tanks used for private potable water
systems

~~July 1, 2001~~ March 1, 2002

613.1 Pumps. Well pumps used for potable water shall comply with sections 613.1.1 and 613.1.2
613.1.1 Pump Installation. Pumps shall be installed for operation without re-priming or breaking suction. Pumps shall be connected to the well head by means of a union, companion flange or compression coupling in such a manner that it is accessible for maintenance, repair and removal.
613.1.2 Pump Sizing. Minimum pump size shall be determined by table 613.1.

Table 613.1
Minimum Private Potable Water System Pump Size

Minimum Pump Size	Bathrooms in Home				
	1	1 1/2	2-2 1/2	3-4	5-6
	7gpm	10gpm	14gpm	17gpm	21gpm

Notes:

1. Values given are average and do not include high and low extremes
2. Installations over 6 bathrooms shall be approved by the code official

613.2 Pressure Tanks. Tanks relying on expansion of a flexible membrane within a restricting container, or tanks with direct water-to-air interface to provide pressure in the water system shall be used. All pressure tanks for storing potable water under pressure, including those having an airspace for pressure for expansion shall be identified by seal, label, or plate indicating the manufacturer's name and model number and shall meet the following specifications:

1. Pressure tank drawdown shall be a minimum of 1 gallon for every gallon produced by the pump (Example: 20 gallon per minute pump will require a draw of 20 gallons usable). Exceptions: Pump start applications, constant pressure devices and variable speed pumps.
2. Pressure tanks must be constructed of steel, fiberglass, or comparable materials. Tanks to be buried shall have a minimum wall thickness of 1/4 inch and be built by the manufacturer specifically for underground use. Fiberglass or other non-metallic tanks to be buried shall have the structural strength to prevent collapse.

613.3 Piping. Piping associated with well pumps and tanks shall comply with Sections 613.3.1 through 613.3.

613.3.1 Drop Pipe. The Drop pipe from the submersible pump to the first fitting past the well seal shall be either galvanized steel, stainless steel, or PVC Schedule 80 threaded/coupled or lock joint pipe. The drop pipe for a single (pipe) jet pump shall be either galvanized steel, or stainless steel. The drop pipe for a double (pipe) jet shall be galvanized steel, stainless steel on the suction side and/or minimum PVC Schedule 40 on the pressure side.

613.3.2 Pump Discharge pipe sizing. For submersible pumps, pipe size shall be equal to the pump discharge. Piping for all other types of pumps shall be sized in accordance to the manufacturer's specifications.

613.3.3 Pressure Tank Pipe Sizing. Piping size for the offset of the pressure tank shall use the piping friction loss charts for the piping material used.

613.4 Electrical wiring. All wiring shall be installed in accordance with chapter 27 of the Florida Building code and NFPA 70.

613.5 Disinfection. The pump installer shall disinfect any potable well and water system in accordance with Section 610.

613.6 Valves. A pressure relief valve shall be installed on any pumping system that can produce pressures of 75 psi or greater. A check valve shall be installed at the well head of submersible pumps.

* Cycle Stop valves ARE CONSTANT PRESS DEVICE

* Counties may Add Higher Demands

'FLOL INC.**WELL-X-TROL 5****essurized Diaphragm Well Tanks****CHAMPION, WEL-FLO, PRO-LINE** *See Flat Sheet*

Model / Part No.	List Price (\$)	Diameter (ins)	Dimensions Height (ins)	Total Volume (gals)	Max. Accept. Factor	System Drawdown			Shipping WL (Vol.) lbs (cu ft)
						20/40 (gals)	30/60 (gals)	40/80 (gals)	
CH 4202/WF60/CA4202	213.00	15 $\frac{1}{4}$	31 $\frac{1}{2}$	20.0	0.57	8.0	6.8	5.9	33 (4.9)
CH 6000/WF80/CA6000	225.00	15 $\frac{1}{4}$	38 $\frac{1}{2}$	26.0	0.44	10.5	8.8	7.6	36.0
CH 8003/WF100/CA8003	364.00	15 $\frac{1}{4}$	46 $\frac{1}{2}$	32.0	0.35	-	10.9	9.4	43 (7.0)
CH 8205/WF110/CA8205	399.00	22	29 $\frac{1}{2}$	34.0	1.00	13.7	11.6	10.0	61 (9.6)
CH 10050/WF140/CA10050	461.00	22	36	44.0	0.77	17.7	15.0	13.0	69 (11.0)
CH 12051/WF200/CA12051	545.00	22	46 $\frac{1}{4}$	62.0	0.55	24.9	21.1	18.3	92 (13.9)
CH 17255/WF255/CA17255	585.00	22	56 $\frac{1}{2}$	81.0	0.41	32.6	27.5	23.9	103
CH 17252/WF252/CA17252	663.00	22	62 $\frac{1}{4}$	86.0	0.39	34.6	29.2	25.4	114 (18.1)
CH 17002/WF260/CA17002	647.00	26	47 $\frac{1}{4}$	86.0	0.54	34.6	29.2	25.4	123 (18.9)
CH 22050/WF360/CA22050	922.00	26	51 $\frac{1}{4}$	119.0	0.39	47.8	40.5	35.1	166 (24.5)

CH4202, CH6000, CH8003, WF60, WF80, WF100, CA 4202, CA6000, & CA8003 have a 1" NPTF system connection and a 28 psig pre-charge.

CH8205, CH10050, CH12051, CH17255, CH17252, CH17002, CH22050 have a 1 $\frac{1}{2}$ " NPTF system connection and a 39 psig pre-charge.

Columbia County Property Appraiser

DB Last Updated: 1/4/2005

Parcel: 03-4S-16-02739-205

2005 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 3 Next >>

Owner's Name	HADDOX MARK E
Site Address	TURKEY RUN
Mailing Address	245 NW WILDFLOWER LANE LAKE CITY, FL 32055
Brief Legal	LOT 5 TURKEY RUN S/D. 1005-707 WD 1031-1406.

Use Desc. (code)	VACANT (000000)
Neighborhood	3416.00
Tax District	2
UD Codes	MKTA01
Market Area	01
Total Land Area	0.500 ACRES

Property & Assessment Values

Mkt Land Value	cnt: (1)	\$16,500.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$16,500.00

Just Value	\$16,500.00
Class Value	\$0.00
Assessed Value	\$16,500.00
Exempt Value	\$0.00
Total Taxable Value	\$16,500.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
11/22/2004	1031/1406	WD	V	Q		\$18,000.00
1/22/2004	1005/707	WD	V	U	02	\$124,000.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
NONE						

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	1.000 LT - (.500AC)	1.00/1.00/1.00/1.00	\$16,500.00	\$16,500.00

Columbia County Property Appraiser

DB Last Updated: 1/4/2005

1 of 3

Next >>

COLUMBIA COUNTY BUILDING DEPARTMENT

RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR
FLORIDA BUILDING CODE 2001

ONE (1) AND TWO (2) FAMILY DWELLINGS

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

EFFECTIVE MARCH 1, 2002

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 1606 OF THE FLORIDA BUILDING CODE 2001 BY PROVIDING CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS. FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEED AS PER FIGURE 1606 SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

1. ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH
2. ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE ----- 110 MPH
3. NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

GENERAL REQUIREMENTS: Two (2) complete sets of plans containing the following:

Applicant

Plans Examiner

All drawings must be clear, concise and drawn to scale ("Optional" details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. 2420 sq ft

Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed. WILLIAM G WOOD
MARK DISOSWAY PE 53915

Site Plan including:

- a) Dimensions of lot
- b) Dimensions of building set backs
- c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.
- d) Provide a full legal description of property.

Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
 - a. Basic wind speed (MPH) 110
 - b. Wind importance factor (I) and building category 1
 - c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated B
 - d. The applicable internal pressure coefficient
 - e. Components and Cladding. The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional

Elevations including:

- a) All sides
- b) Roof pitch 6/12
- c) Overhang dimensions and detail with attic ventilation 24" MAX
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height 15' 11.5" + FOUNDATION
- e) Number of stories 1

b) Wood frame wall

1. All materials making up wall
2. Size and species of studs *2x4 SPF #2 ON 16" C*
3. Sheathing size, type and nailing schedule *7/16 OSB*
4. Headers sized *TABLE 2308.3A ON S-1 SHEET*
- ✓ 5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
- ✓ 6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) *STRAPPING DETAIL SHOWER TRIMED SHINGLES*
- ✓ 8. Fire resistant construction (if applicable)
- ✓ 9. Fireproofing requirements
- ✓ 10. Show type of termite treatment (termicide or alternative method)
- ✓ 11. Slab on grade
 - a. Vapor retarder (6Mil. Polyethylene with joints lapped 6 inches and sealed *PER SHEET S-2*)
 - ✓ b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
- ✓ 12. Indicate where pressure treated wood will be placed
- ✓ 13. Provide insulation R value for the following:
 - a. Attic space - *R-30*
 - b. Exterior wall cavity *R-13*
 - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

Floor Framing System:

- a) Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- b) Floor joist size and spacing
- c) Girder size and spacing
- d) Attachment of joist to girder
- e) Wind load requirements where applicable

Plumbing Fixture layout

Electrical layout including:

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified *BATH KIT GARAGE 2 EXT SLOAN*
- b) Ceiling fans *5*
- c) Smoke detectors *5*
- d) Service panel and sub-panel size and location(s) *200 Gage*
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms *Reduced by PLANS*

HVAC information

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom *2*

Energy Calculations (dimensions shall match plans) *1560*

Gas System Type (LP or Natural) Location and BTU demand of equipment

Disclosure Statement for Owner Builders

Notice Of Commencement

Private Potable Water

- a) Size of pump motor *1 1/2 inch well Dringer*
- b) Size of pressure tank
- c) Cycle stop valve if used

THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

1. **Building Permit Application:** A current Building Permit Application form is to be completed and submitted for all residential projects.
2. **Parcel Number:** The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested.
3. **Environmental Health Permit or Sewer Tap Approval:** A copy of the Environmental Health permit, existing septic approval or sewer tap approval is required before a building permit can be issued. (386) 758-1058 (Toilet facilities shall be provided for construction workers)
4. **City Approval:** If the project is to be located within the city limits of the Town of Fort White, prior approval is required. The Town of Fort White approval letter is required to be submitted by the owner or contractor to this office when applying for a Building Permit.
5. **Flood Information:** All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.8 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.7 of the Columbia County Land Development Regulations. **CERTIFIED FINISHED FLOOR ELEVATIONS WILL BE REQUIRED ON ANY PROJECT WHERE THE BASE FLOOD ELEVATION (100 YEAR FLOOD) HAS BEEN ESTABLISHED.**
A development permit will also be required. Development permit cost is \$10.00
6. **Driveway Connection:** If the property does not have an existing access to a public road, then an application for a culvert permit (\$5.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$25.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.
7. **911 Address:** If the project is located in an area where the 911 address has been issued, then the proper paperwork from the 911 Addressing Department must be submitted. (386) 758-8787

ALL REQUIRED INFORMATION IS TO BE SUBMITTED FOR REVIEW. YOU WILL BE NOTIFIED WHEN YOUR APPLICATION AND PLANS ARE APPROVED AND READY TO PERMIT. PLEASE DO NOT EXPECT OR REQUEST THAT PERMIT APPLICATIONS BE REVIEWED OR APPROVED WHILE YOU ARE HERE - TIME WILL NOT ALLOW THIS - PLEASE DO NOT ASK

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 04-807
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

TERRY McDAVID
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

Inst:2004026309 Date:11/23/2004 Time:14:21

Doc Stamp-Deed : 126.00

DC, P. Dewitt Cason, Columbia County B:1031 P:1406

Property Appraiser's
Identification Number R02739-205

WARRANTY DEED

THIS INDENTURE, made this 22nd day of November, 2004, BETWEEN JERRY T. WOOD, A Single Person, whose post office address is Post Office Box 2817, Lake City, FL 32056, of the County of Columbia, State of Florida, grantor*, and MARK E. HADDOX whose post office address is 245 NW Wildflower Lane, Lake City, Florida 32055, of the County of Columbia, State of Florida, grantee*.

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 5 of TURKEY RUN, a subdivision according to the plat thereof as recorded in Plat Book 7, Pages 116-117 of the public records of Columbia County, Florida.


SUBJECT TO: Restrictions, easements and outstanding mineral rights of record, if any, and taxes for the current year.


and said grantor does hereby fully warrant the title to said land, and will defend the same against the lawful claims of all persons whomsoever.


*"Grantor" and "grantee" are used for singular or plural, as context requires.

IN WITNESS WHEREOF, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered
in our presence:


(Signature of First Witness)
Terry McDavid
(Typed Name of First Witness)


 (SEAL)
Grantor
JERRY T. WOOD
Printed Name


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

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 22nd
day of November, 2004, by JERRY T. WOOD, A Single Person, who is
personally known to me and who did not take an oath.

My Commission Expires:


Notary Public
Printed, typed, or stamped name:



Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0502-07 Date Received 2-2-05 By UH Permit # 539/22827
Application Approved by - Zoning Official B/K Date _____ Plans Examiner JTH Date 2-3-05
Flood Zone X PP Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RLD
Comments _____

Applicants Name Michael Milligan Phone 755-8699
Address 5007 123rd Road Live Oak, FL 32024
Owners Name Mark Haddox Phone 758-9719
911 Address 235 SW Phillips Circle
Contractors Name William G Wood / Woodman Park Builders Phone 755-2411
Address Po Box 3535 LAKE City, FL 32056
Fee Simple Owner Name & Address N/A
Bonding Co. Name & Address N/A
Architect/Engineer Name & Address William G. Wood / Mark Disosway P.E. Po Box 868 Lake City, FL 32056
Mortgage Lenders Name & Address N/A
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy
Property ID Number 03-45-16-02739-205 Estimated Cost of Construction 110,000.00
Subdivision Name Turkey Run Subdivision Lot 5 Block _____ Unit _____ Phase _____
Driving Directions Hwy 90 W to 252-B turn left Go to Turkey Run Subdivision lot 5 phillips Circle on left.
Type of Construction Residential Home (SFD) Number of Existing Dwellings on Property 0
Total Acreage .50 Lot Size 102' x 114' Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 60 Side 14 Side 14 Rear 118
Total Building Height 15' 11 1/2" Number of Stories 1 Heated Floor Area 1560 SQFT Roof Pitch 6/12

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

OWNERS AFFIDAVIT: I hereby certify that all the foregoing information is accurate and all work will be done in compliance with all applicable laws and regulating construction and zoning.

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

Owner Builder or Agent (Including Contractor) _____

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 2 day of February 2005.
Personally known ✓ or Produced Identification _____

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

Brenda
Notary Signature

CB1052102
Brenda Terry
My Commission DD293888
Expires February 24, 2008

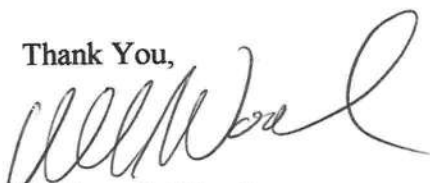
Woodman Park Builders Inc.
P.O. Box 3535
Lake City Fl 32056
Phone: (386) 755-8699
Fax: (386) 755-8684
CB-CO58182
CC-CO58270

Attention: Columbia County Building Dept.
Regarding: Lot 5 Turkey Run

2/2/2005

Please allow Michael Milligan to apply for, sign for, and receive a building permit for the Mark Haddox project located in Turkey Run Subdivision Lot 5 Columbia County, Florida on behalf of Woodman Park Builders Inc.


Thank You,



William G. Wood

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to and subscribed before me by William G. Wood, who is personally known to me or produced _____ as identification, and who did _____ take and oath, This 2 day of February, 2005.


NOTARY PUBLIC

bt



Brenda Terry
My Commission DD293888
Expires February 24, 2008

FLORIDA ENERGY EFFICIENCY CODE
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A


Project Name:	HADDOX LOT 5 TURKEY RUN	Builder:	WOODMAN PARK
Address:		Permitting Office:	COLUMBIA COUNTY
City, State:	,	Permit Number:	22827
Owner:	HADDOX	Jurisdiction Number:	221000
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 42.0 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 (ft²)	2040 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	63.0 ft² 169.0 ft²	a. PTHP	Cap: 42.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft² 0.0 ft²		COP: 3.40
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 204.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.90
a. Frame, Wood, Exterior	R=17.5, 1583.0 ft²	b. N/A	
b. Frame, Wood, Adjacent	R=17.5, 176.0 ft²	c. Conservation credits	
c. N/A		(HR-Heat recovery, Solar	
d. N/A		DHP-Dedicated heat pump)	
e. N/A		15. HVAC credits	
10. Ceiling types		(CF-Ceiling fan, CV-Cross ventilation,	
a. Under Attic	R=30.0, 2039.6 ft²	HF-Whole house fan,	
b. N/A		PT-Programmable Thermostat,	
c. N/A		MZ-C-Multizone cooling,	
11. Ducts		MZ-H-Multizone heating)	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 42.0 ft		
b. N/A			

Glass/Floor Area: 0.11

Total as-built points: 22560
Total base points: 30153

PASS

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u>Larry Resmundo A/E</u> DATE: <u>March 2, 2005</u> 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	2040.0	20.04	7358.7	Double, Clear	S	1.3	6.0	80.0	35.87	0.89	2549.1
				Double, Clear	W	1.3	3.0	8.0	38.52	0.77	237.4
				Single, Clear	N	10.0	8.0	42.0	21.73	0.68	616.7
				Double, Clear	S	5.5	8.0	7.0	35.87	0.58	146.1
				Single, Clear	E	15.0	8.0	21.0	47.92	0.40	400.5
				Double, Clear	N	1.3	6.0	30.0	19.20	0.95	548.6
				Double, Clear	N	10.0	6.0	44.0	19.20	0.64	540.1
				As-Built Total:							232.0
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	176.0	0.70	123.2	Frame, Wood, Exterior	17.5		1583.0	1.05	1662.1		
Exterior	1583.0	1.70	2691.1	Frame, Wood, Adjacent	17.5		176.0	0.45	79.2		
Base Total:		1759.0	2814.3	As-Built Total:		1759.0		1741.3			
DOOR TYPES Area X BSPM = Points				Type	Area X SPM = Points						
Adjacent	21.0	2.40	50.4	Exterior Wood			21.0	6.10	128.1		
Exterior	21.0	6.10	128.1	Adjacent Wood			21.0	2.40	50.4		
Base Total:		42.0	178.5	As-Built Total:		42.0		178.5			
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2039.6	1.73	3528.5	Under Attic	30.0		2039.6	1.73 X 1.00	3528.5		
Base Total:		2039.6	3528.5	As-Built Total:		2039.6		3528.5			
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	204.0(p)	-37.0	-7548.0	Slab-On-Grade Edge Insulation	0.0	204.0(p)	-41.20	-8404.8			
Raised	0.0	0.00	0.0								
Base Total:		-7548.0	As-Built Total:		204.0		-8404.8				
INFILTRATION Area X BSPM = Points				Area X SPM = Points							
		2040.0	10.21	20828.4			2040.0	10.21	20828.4		

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points: 27160.4				Summer As-Built Points: 22910.5											
Total Summer Points	X	System Multiplier	=	Cooling Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	=	Cooling Points
					(DM x DSM x AHU)										
27160.4		0.4266		11586.6	22910.5		1.000		(1.090 x 1.147 x 1.00)		0.284		1.000		8146.6
					22910.5		1.00		1.250		0.284		1.000		8146.6

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	2040.0	12.74	4678.1	Double, Clear	S	1.3	6.0	80.0	13.30	1.08	1149.8		
				Double, Clear	W	1.3	3.0	8.0	20.73	1.07	177.3		
				Single, Clear	N	10.0	8.0	42.0	33.22	1.02	1424.5		
				Double, Clear	S	5.5	8.0	7.0	13.30	2.12	197.7		
				Single, Clear	E	15.0	8.0	21.0	26.41	1.44	798.8		
				Double, Clear	N	1.3	6.0	30.0	24.58	1.00	738.6		
				Double, Clear	N	10.0	6.0	44.0	24.58	1.02	1107.2		
				As-Built Total:							232.0	5593.9	
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points						
Adjacent	176.0	3.60	633.6	Frame, Wood, Exterior	17.5		1583.0	2.50	3957.5				
Exterior	1583.0	3.70	5857.1	Frame, Wood, Adjacent	17.5		176.0	2.47	435.6				
Base Total:				1759.0		6490.7		As-Built Total:				1759.0	4393.1
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points								
Adjacent	21.0	11.50	241.5	Exterior Wood				21.0	12.30	258.3			
Exterior	21.0	12.30	258.3	Adjacent Wood				21.0	11.50	241.5			
Base Total:				42.0		499.8		As-Built Total:				42.0	499.8
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points						
Under Attic	2039.6	2.05	4181.2	Under Attic	30.0		2039.6	2.05 X 1.00		4181.2			
Base Total:				2039.6		4181.2		As-Built Total:				2039.6	4181.2
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points						
Slab	204.0(p)	8.9	1815.6	Slab-On-Grade Edge Insulation	0.0		204.0(p)	18.80		3835.2			
Raised	0.0	0.00	0.0										
Base Total:				1815.6		As-Built Total:		204.0		3835.2			
INFILTRATION Area X BWPM = Points				Area X WPM = Points									
2040.0 -0.59 -1203.6				2040.0 -0.59 -1203.6									

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		16461.8		Winter As-Built Points:			17299.5			
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Heating Points
16461.8		0.6274	10328.1	17299.5		1.000	(1.069 x 1.169 x 1.00)	0.294	1.000	6358.4
				17299.5		1.00	1.250	0.294	1.000	6358.4

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 Ratio	Multiplier X Credit Multiplier = Total
3		2746.00		8238.0	40.0	0.90	3	1.00	2684.98 1.00 8054.9
					As-Built Total:				8054.9

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
11587		10328		8238 30153	8147		6358		8055 22560

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.	
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* = 87.5
The higher the score, the more efficient the home.

HADDOX, , , ,

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) 2040 ft²
7. Glass area & type Single Pane Double Pane
a. Clear glass, default U-factor 63.0 ft² 169.0 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, 204.0(p) ft
b. N/A
c. N/A
9. Wall types
a. Frame, Wood, Exterior R=17.5, 1583.0 ft²
b. Frame, Wood, Adjacent R=17.5, 176.0 ft²
c. N/A
d. N/A
e. N/A
10. Ceiling types
a. Under Attic R=30.0, 2039.6 ft²
b. N/A
c. N/A
11. Ducts
a. Sup: Unc. Ret: Unc. AH: Garage Sup. R=6.0, 42.0 ft
b. N/A
12. Cooling systems
a. Central Unit Cap: 42.0 kBtu/hr SEER: 12.00
b. N/A
c. N/A
13. Heating systems
a. PTHP Cap: 42.0 kBtu/hr COP: 3.40
b. N/A
c. N/A
14. Hot water systems
a. Electric Resistance Cap: 40.0 gallons EF: 0.90
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)

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

Builder Signature: Date:

Address of New Home: City/FL Zip:



*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar™ 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: FLRCPB v3.4)

New Construction Subterranean Termite Soil Treatment Record

OMB Approval No. 2502-0525
(exp. 10/31/2005)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

22827

Section 1: General Information (Treating Company Information)

Company Name: Aspen Pest Control, Inc.
Company Address: 301 NW Cole Terrace City Lake City State FL Zip 32055
Company Business License No. JB109476 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name: Woodman Park Builders Company Phone No. _____

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Ph. 11/11/05
1041 7th St, 32055

Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____
Approximate Depth of Footing: Outside 12 Inside 36 Type of Fill 0.1

Section 4: Treatment Information

Date(s) of Treatment(s) 7-11-05
Brand Name of Product(s) Used Exterminator
EPA Registration No. 70907-7-63493
Approximate Final Mix Solution % 0.5%
Approximate Size of Treatment Area: Sq. ft. 3041 Linear ft. 247 Linear ft. of Masonry Voids 247
Approximate Total Gallons of Solution Applied 936
Was treatment completed on exterior? ☐ Yes ☒ No
Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) Steve Bednar Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All treatment materials and methods used comply with state and federal regulations.

Authorized Signature Steve Bednar Date 7-11-05

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)

Form NPCA-99-B may still be used

form HUD-NPCA-99-B (04/2003)

Reorder Product #2581 • From Crown Graphics, Inc. • 1-800-252-4011

COLUMBIA COUNTY OFFICE 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 03-4S-16-02739-205

Building permit No. 000022827

Use Classification SFD, UTILITY

Fire: 5.67

Permit Holder WILLIAM WOODWOODMAN PARK

Waste: 12.25

Owner of Building MARK HADDOX

Total: 17.92

Location: 235 SW PHILLIPS CR, TURKEY RUN LOT 5

Date: 08/24/2005

Stacy Decker

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)