

# Columbia County Building Permit Application

For Office Use Only Application # 0701-99 Date Received 1-28-07 By LH Permit # 1326/2550  
Application Approved by - Zoning Official BLK Date 31.01.07 Plans Examiner OK JTH Date 1-30-07  
Flood Zone Xppl Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Dev.  
Comments \_\_\_\_\_

Applicants Name Patricia M Johnson Phone 386-755-4038  
Address 204 SW Dusty Glen Lake City, FL 32024  
Owners Name Russell Bailey Jr (Spec) Phone 386-752-2103  
911 Address 177 SW Scott Place Lake City, FL 32024  
Contractors Name Patricia M Johnson Phone 386-755-4038  
Address 204 SW Dusty Glen Lake City, FL 32024  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address \_\_\_\_\_  
Mortgage Lenders Name & Address \_\_\_\_\_  
Chay Electric  
Property ID Number 10-45-16-02853-426 Estimated Cost of Construction \$175,000.  
Subdivision Name Russwood Estates Lot 26 Block \_\_\_\_\_ Unit 4 Phase \_\_\_\_\_  
Driving Directions Branford Hwy (247) - Right on Troy Street, 1 mile  
Right into Russwood Estates - Russwood Terrace To Left on  
Bethany Place 1/2 block - Right on Dorothy - Right on Scott Place,  
Type of Construction wood frame SFD Number of Existing Dwellings on Property 0  
Total Acreage 1/2 Lot Size 21,780 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 40' Side 25' Side 38' Rear 40'8"  
Total Building Height 20' Number of Stories 1 Heated Floor Area 2826 Roof Pitch 7/12  
7014L 4174

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.**

Patricia M Johnson  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA



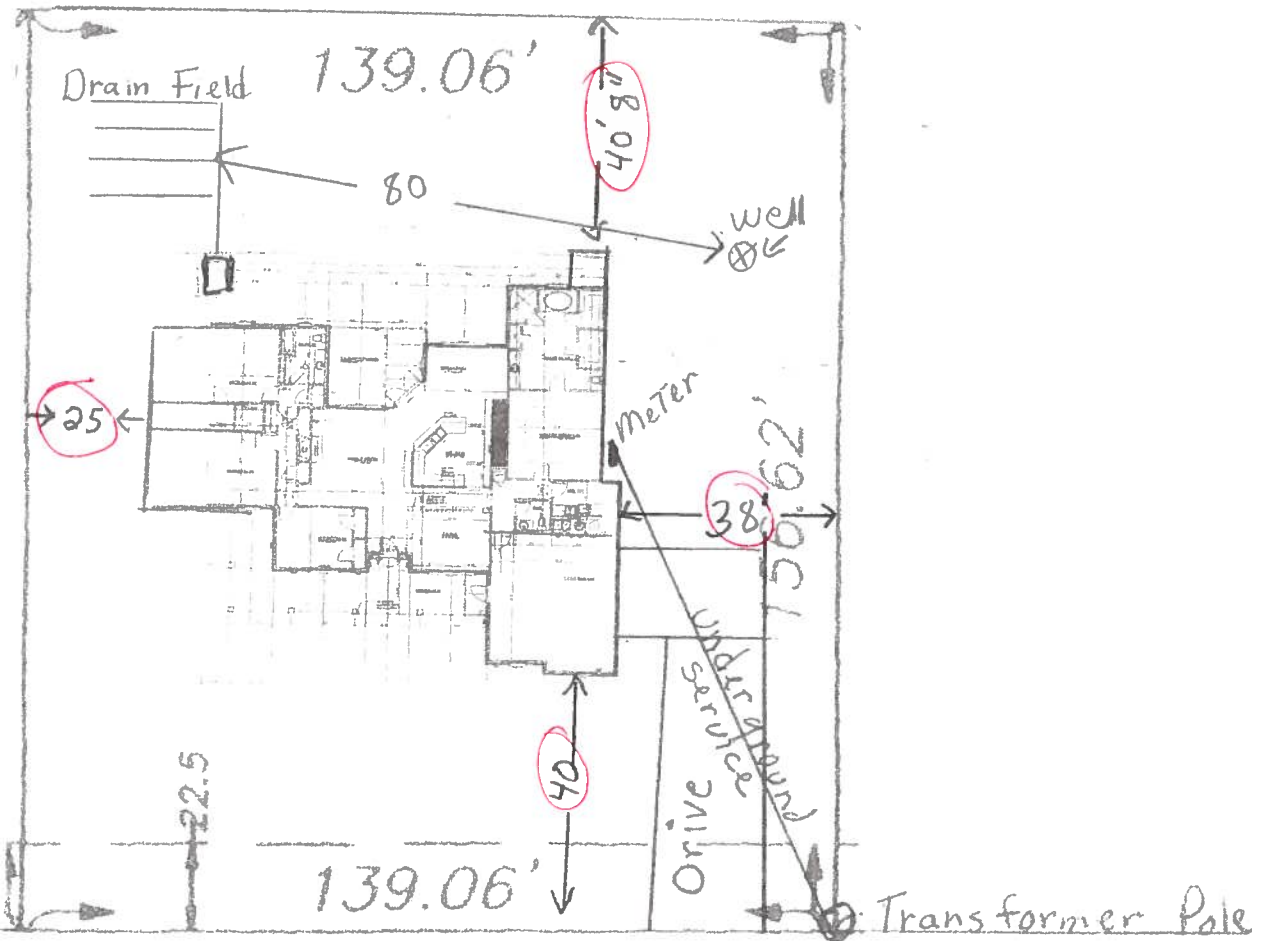
Sworn to (or affirmed) and subscribed before me  
this 6 day of OCTOBER 2006  
Personally known \_\_\_\_\_ or Produced Identification ✓

Patricia M Johnson  
Contractor Signature  
Contractors License Number RR28211528  
Competency Card Number 5755

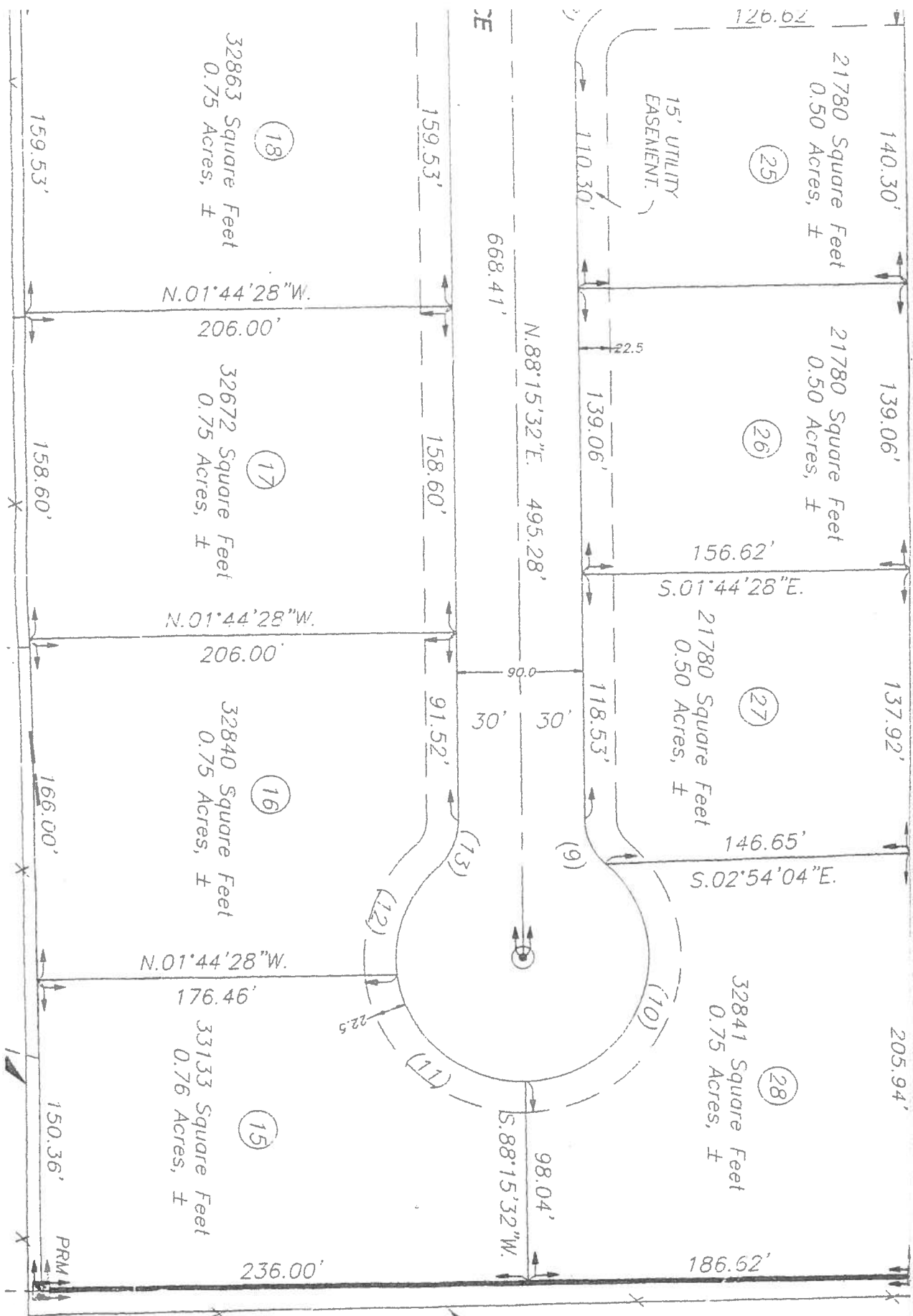
NOTARY STAMP/SEAL

Vera Lisa Hicks  
Notary Signature

Russwood Estates  
Unit 4 Lot 26  
Part of 10-45-16-02853-000



177 SW SCOTT PLACE



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# RUSSWOOD ESTATES

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TROY ROAD, COLUMBIA COUNTY, LAKE CITY, FLORIDA

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Russell Bailey	Private Land Owner
2016 SW Sisters Welcome Road	Home Ph. 386-752-2401
Lake City, Florida 32025	Mobile 386-397-4827

## CONTACT FOR SALE

October 9, 2006

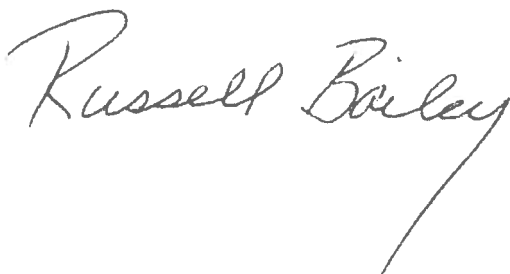
### RUSSWOOD ESTATES

Unit 4, Lot 26

Columbia County

Received from Pat Johnson, Five hundred (\$500.00) dollar deposit on the Sale of Lot 26, in RUSSWOOD ESTATES, Unit 4. Completion of Sale to be within 90days of today's date.

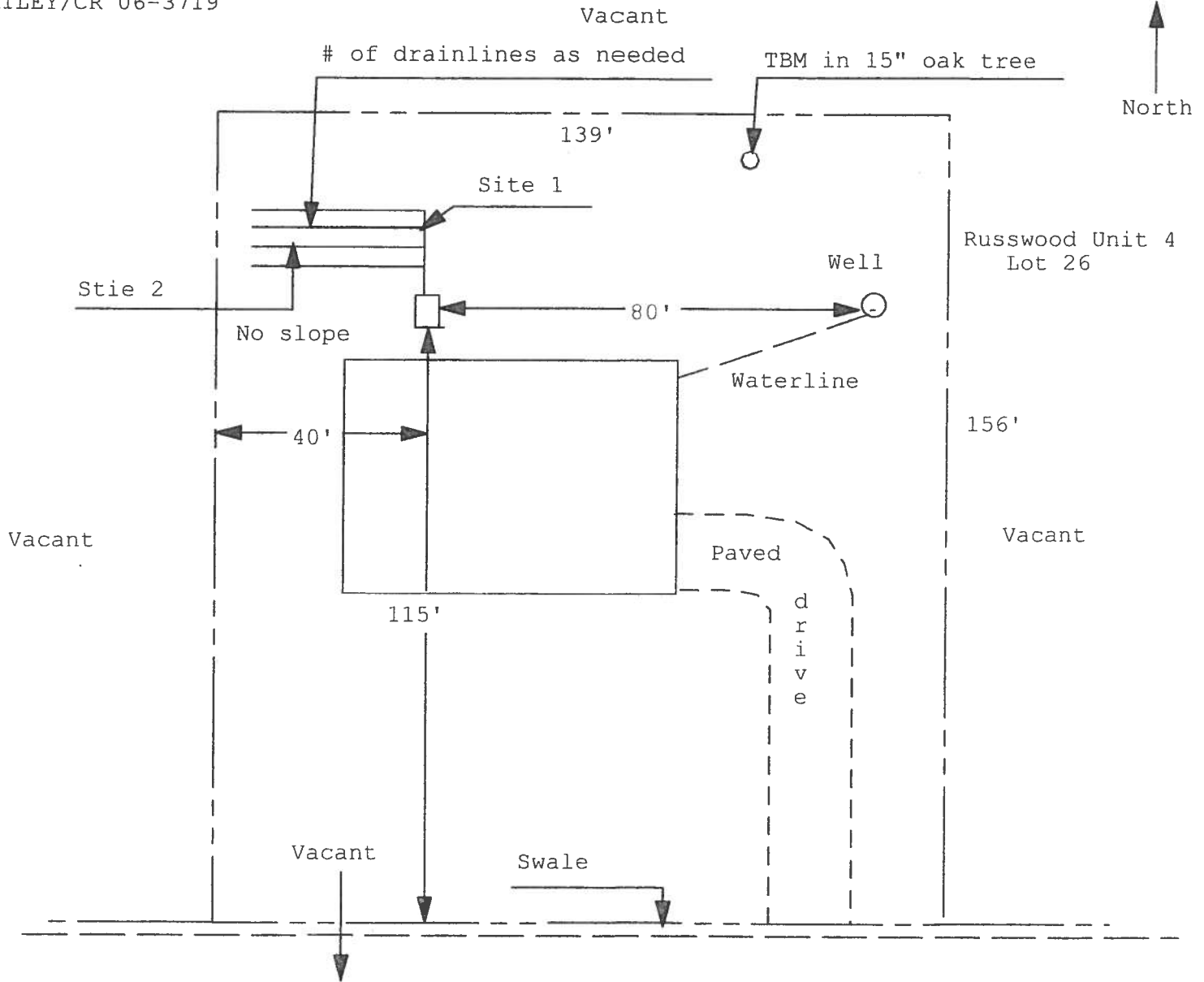
Russell Bailey  
Property Owner



Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 06-0906N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BAILEY/CR 06-3719



1 inch = 30 feet

Site Plan Submitted By Paul L. [Signature] Date 10/3/06  
Plan Approved X Not Approved        Date       

By S. Gaddy ESII 10-10-06 CPHU  
Notes:       

Columbia CHD

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name:	<b>609195JohnsonBuilders</b>	Builder:	
Address:	Lot: 26, Sub: Russwood Estate, Plat: Phase III	Permitting Office:	<i>Columbia</i>
City, State:	, FL	Permit Number:	<i>25510</i>
Owner:	Spec House	Jurisdiction Number:	<i>24000</i>
Climate Zone:	North		

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 56.0 kBtu/hr SEER: 13.00
3. Number of units, if multi-family	1	b. N/A	
4. Number of Bedrooms	4	c. N/A	
5. Is this a worst case?	Yes	13. Heating systems	
6. Conditioned floor area (ft²)	2826 ft²	a. Electric Heat Pump	Cap: 56.0 kBtu/hr HSPF: 7.90
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		b. N/A	
a. U-factor:	Description Area	c. N/A	
(or Single or Double DEFAULT) 7a. (Dble Default)	368.0 ft²	14. Hot water systems	
b. SHGC:		a. Electric Resistance	Cap: 40.0 gallons EF: 0.93
(or Clear or Tint DEFAULT) 7b. (Clear)	368.0 ft²	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 292.0(p) ft	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating)	
c. N/A			
9. Wall types			
a. Frame, Wood, Exterior	R=13.0, 1953.0 ft²		
b. Frame, Wood, Adjacent	R=13.0, 286.0 ft²		
c. N/A			
d. N/A			
e. N/A			
10. Ceiling types			
a. Under Attic	R=30.0, 2884.0 ft²		
b. N/A			
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 225.0 ft		
b. N/A			

Glass/Floor Area: 0.13

Total as-built points: 34508

Total base points: 40176

**PASS**

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

PREPARED BY: *[Signature]*

DATE: 11-2-06

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: \_\_\_\_\_



1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

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

ADDRESS: Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

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	2826.0	20.04	10193.9	Double, Clear	N	1.5	6.0	15.0	19.20	0.94	270.3			
				Double, Clear	N	1.5	5.0	8.0	19.20	0.92	140.6			
				Double, Clear	N	13.0	9.0	56.0	19.20	0.66	708.5			
				Double, Clear	NW	15.0	7.5	20.0	25.97	0.54	283.0			
				Double, Clear	W	99.0	8.0	18.7	38.52	0.37	269.9			
				Double, Clear	N	1.5	8.5	56.0	19.20	0.97	1045.1			
				Double, Clear	N	1.5	4.0	6.0	19.20	0.88	101.5			
				Double, Clear	E	1.5	5.0	16.0	42.06	0.87	588.6			
				Double, Clear	E	1.5	6.0	30.0	42.06	0.91	1151.8			
				Double, Clear	E	1.5	4.0	6.0	42.06	0.82	205.8			
				Double, Clear	S	8.0	7.0	48.0	35.87	0.50	861.1			
				Double, Clear	S	8.0	7.0	30.0	35.87	0.50	538.2			
				Double, Clear	S	8.0	7.7	13.3	35.87	0.51	245.4			
				Double, Clear	S	24.0	6.0	15.0	35.87	0.43	232.4			
				Double, Clear	W	1.5	6.0	30.0	38.52	0.91	1055.6			
				As-Built Total:							368.0		7697.8	
				WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points						
				Adjacent	286.0	0.70	200.2	Frame, Wood, Exterior			13.0	1953.0	1.50	2929.5
Exterior	1953.0	1.70	3320.1	Frame, Wood, Adjacent			13.0	286.0	0.60	171.6				
Base Total: 2239.0 3520.3				As-Built Total: 2239.0 3101.1										
DOOR TYPES Area X BSPM = Points				Type Area X SPM = Points										
Adjacent	20.0	1.60	32.0	Exterior Insulated				20.0	4.10	82.0				
Exterior	60.0	4.10	246.0	Exterior Insulated				40.0	4.10	164.0				
				Adjacent Insulated				20.0	1.60	32.0				
Base Total: 80.0 278.0				As-Built Total: 80.0 278.0										
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points										
Under Attic	2826.0	1.73	4889.0	Under Attic			30.0	2884.0	1.73 X 1.00	4989.3				
Base Total: 2826.0 4889.0				As-Built Total: 2884.0 4989.3										
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points										
Slab	292.0(p)	-37.0	-10804.0	Slab-On-Grade Edge Insulation			0.0	292.0(p)	-41.20	-12030.4				
Raised	0.0	0.00	0.0											
Base Total: -10804.0				As-Built Total: 292.0 -12030.4										

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2826.0	10.21	28853.5		2826.0	10.21	28853.5	
<b>Summer Base Points: 36930.7</b>				<b>Summer As-Built Points: 32889.2</b>			
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier X Credit Multiplier = Cooling Points
36930.7	0.4266	15754.6		32889.2	1.00	1.138	0.263 1.000 9823.8

(sys 1: Central Unit 56000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2826.0	12.74	6480.6	Double, Clear	N	1.5	6.0	15.0	24.58	1.00	369.5
				Double, Clear	N	1.5	5.0	8.0	24.58	1.00	197.4
				Double, Clear	N	13.0	9.0	56.0	24.58	1.02	1407.1
				Double, Clear	NW	15.0	7.5	20.0	24.30	1.03	502.1
				Double, Clear	W	99.0	8.0	18.7	20.73	1.24	479.8
				Double, Clear	N	1.5	8.5	56.0	24.58	1.00	1377.2
				Double, Clear	N	1.5	4.0	6.0	24.58	1.01	148.3
				Double, Clear	E	1.5	5.0	16.0	18.79	1.05	315.7
				Double, Clear	E	1.5	6.0	30.0	18.79	1.04	583.8
				Double, Clear	E	1.5	4.0	6.0	18.79	1.07	121.1
				Double, Clear	S	8.0	7.0	48.0	13.30	2.96	1892.1
				Double, Clear	S	8.0	7.0	30.0	13.30	2.96	1182.5
				Double, Clear	S	8.0	7.7	13.3	13.30	2.80	495.6
				Double, Clear	S	24.0	6.0	15.0	13.30	3.66	730.0
				Double, Clear	W	1.5	6.0	30.0	20.73	1.02	636.4
				<b>As-Built Total:</b>				<b>368.0</b>	<b>10438.7</b>		
<b>WALL TYPES</b>				Area X BWPM = Points		Type		R-Value		Area X WPM = Points	
Adjacent	286.0	3.60	1029.6	Frame, Wood, Exterior		13.0		1953.0	3.40	6640.2	
Exterior	1953.0	3.70	7226.1	Frame, Wood, Adjacent		13.0		286.0	3.30	943.8	
<b>Base Total:</b>		<b>2239.0</b>	<b>8255.7</b>	<b>As-Built Total:</b>				<b>2239.0</b>	<b>7584.0</b>		
<b>DOOR TYPES</b>				Area X BWPM = Points		Type		Area X WPM = Points			
Adjacent	20.0	8.00	160.0	Exterior Insulated				20.0	8.40	168.0	
Exterior	60.0	8.40	504.0	Exterior Insulated				40.0	8.40	336.0	
				Adjacent Insulated				20.0	8.00	160.0	
<b>Base Total:</b>		<b>80.0</b>	<b>664.0</b>	<b>As-Built Total:</b>				<b>80.0</b>	<b>664.0</b>		
<b>CEILING TYPES</b>				Area X BWPM = Points		Type		R-Value		Area X WPM X WCM = Points	
Under Attic	2826.0	2.05	5793.3	Under Attic		30.0		2884.0	2.05 X 1.00	5912.2	
<b>Base Total:</b>		<b>2826.0</b>	<b>5793.3</b>	<b>As-Built Total:</b>				<b>2884.0</b>	<b>5912.2</b>		
<b>FLOOR TYPES</b>				Area X BWPM = Points		Type		R-Value		Area X WPM = Points	
Slab	292.0(p)	8.9	2598.8	Slab-On-Grade Edge Insulation		0.0		292.0(p)	18.80	5489.6	
Raised	0.0	0.00	0.0								
<b>Base Total:</b>		<b>2598.8</b>	<b>2598.8</b>	<b>As-Built Total:</b>				<b>292.0</b>	<b>5489.6</b>		

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BWPM = Points				Area X WPM = Points			
2826.0	-0.59	-1667.3		2826.0	-0.59	-1667.3	
<b>Winter Base Points: 22125.0</b>				<b>Winter As-Built Points: 28421.2</b>			
Total Winter X System = Heating Points Multiplier Points				Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
22125.0	0.6274	13881.3		(sys 1: Electric Heat Pump 56000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 28421.2 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 14257.5 <b>28421.2 1.00 1.162 0.432 1.000 14257.5</b>			

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

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
4		2635.00	10540.0	40.0	0.93	4		1.00	2606.67	1.00
				As-Built Total:						10426.7

**CODE COMPLIANCE STATUS**

BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	= Total Points
15755		13881		10540	40176	9824		14258	34508

**PASS**

# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

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 612.1.ABC.3.2. 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\* = 85.9**

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

Spec House, Lot: 26, Sub: Russwood Estate, Plat: Phase III, , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 56.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	2826 ft <sup>2</sup>		
7. Glass type <sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 56.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 368.0 ft <sup>2</sup>		HSPF: 7.90
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 368.0 ft <sup>2</sup>	c. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 292.0(p) ft	14. Hot water systems	
b. N/A		a. Electric Resistance	Cap: 40.0 gallons
c. N/A			EF: 0.93
9. Wall types		b. N/A	
a. Frame, Wood, Exterior	R=13.0, 1953.0 ft <sup>2</sup>	c. Conservation credits	
b. Frame, Wood, Adjacent	R=13.0, 286.0 ft <sup>2</sup>	(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, 2884.0 ft <sup>2</sup>	PT-Programmable Thermostat,	
b. N/A		MZ-C-Multizone cooling,	
c. N/A		MZ-H-Multizone heating)	
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 225.0 ft		
b. N/A			

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

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

Address of New Home: \_\_\_\_\_ City/FL Zip: \_\_\_\_\_



*\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at [www.fsec.ucf.edu](http://www.fsec.ucf.edu) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.*

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
EnergyGauge® (Version: FLR2PB v4.1)

# Columbia County Building Department Culvert Permit

**Culvert Permit No.**  
**000001326**

DATE 02/08/2007 PARCEL ID # 10-4S-16-02853-426  
APPLICANT PATRICIA M. JOHNSON PHONE 386.755.4038  
ADDRESS 204 SW DUSTY GLEN LAKE CITY FL 32024  
OWNER RUSSELL L. BAILEY PHONE 752.2401  
ADDRESS 177 SW SCOTT PLACE LAKE CITY FL 32024  
CONTRACTOR PATRICIA M. JOHNSON PHONE 386.755.4038  
LOCATION OF PROPERTY SR.247-S TO TROY,TR TO RUSSWOOD EST. TO RUSSWOOD TERRACE,  
TO BETHANY,TL TO DOROTHY,TR TO SCOTT,TR 2ND LOT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT RUSSWOOD ESTATES 26 4

SIGNATURE



## INSTALLATION REQUIREMENTS



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

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
- b) the driveway to be served will be paved or formed with concrete.

Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other \_\_\_\_\_

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

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

**Amount Paid** 25.00



**MI HOME PRODUCTS**  
**- PRIME ALUMINUM WINDOWS -**  
**INSTALLATION INSTRUCTIONS FOR**  
**"NAIL FIN" PRODUCTS**

MI Home Products appreciates your recent purchase of a maintenance free prime window, which will not rust, rot, mildew, or warp. This is a quality product that left our factory in good condition – proper handling and installation are just as important as good design and workmanship. Please follow these recommendations to allow this product to complete its function.

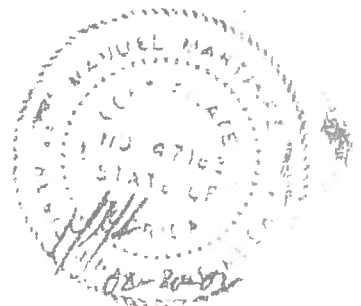
1. Handle units one at a time in the closed and locked position and take care not to scratch frame or glass or to bend the nailing fin.
2. Set unit plumb and square into opening and make sure that there is  $3/16" \pm 1/16"$  clearance around the frame. Fasten unit into opening in the closed and locked position, making sure that fasteners are screwed in straight in order to avoid twisting or bowing of the frame. Make sure that sill is straight and level. Check operation of unit before any and all fasteners are set.
3. Use # 8 sheet metal or wood screws with a minimum of 1" penetration into the framing (stud). Place first screws (two at each corner) 3" from end of fin. For positive and negative DPs (design pressures) up to 35, do not exceed 24" spacing of additional screws. For DPs from 35.1 to 50, do not exceed 18". Install load bearing shim adjacent to each anchor. Use shim where space exceeds 1/16".
4. Flash over head and caulk outside perimeter in accordance with code requirements and good installation practices.
5. Fill voids between frame and construction with loose batten type insulation or non-expanding aerosol foam specifically formulated for windows and doors to eliminate drafts. The use of expanding aerosol type insulating foam, which can bow the frame, waives all stated warranties.
6. Remove plaster, mortar, paint and any other debris that may have collected on the unit and make sure that sash/vent tracks and interlocks are also clear. Do not use abrasives, solvents, ammonia, vinegar, alkaline, or acid solutions for clean-up, especially with insulated glass units as their use could cause chemical breakdown of the glass seal. Take care not to scratch glass; scratches severely weaken glass and it could eventually break from thermal expansion and contraction. Clean units with water and mild detergent as you would your automobile.

**CAUTION -**

MI Home Products or its representatives are unable to control and cannot assume responsibility for the selection and placement of their products in a building or structure in a manner required by laws, statutes, and/or building codes. The purchaser is solely responsible for knowledge of and adherence to the same. MI Home Products window products are not provided with safety glazing unless specifically ordered with such. Many laws and codes require safety glazing near doors, bathtubs, and shower enclosures. Also be aware of emergency egress code requirements.

Corporate Headquarters:  
650 West Market St.  
Gratz, PA 17030-0370  
(717) 365-3300

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# RON E. BIAS WELL DRILLING

Route 2, Box 5340  
Ft. White, Florida 32038  
(904) 497-1045  
Mobile: 364-9233

No. \_\_\_\_\_

Date \_\_\_\_\_

*John Johnson*

Name \_\_\_\_\_

Address \_\_\_\_\_

Phone \_\_\_\_\_

	DESCRIPTION
Dis	4" deep well
	1 1/2 hp sub. pump 2.5 GPM
	1/4" drop pipe
	300 Liter or 200 Gallon
	Equiv
	35 gal draw down
	with back flow prevention
	& 1/4" valve

Total \_\_\_\_\_

Deposit \_\_\_\_\_

Balance \_\_\_\_\_

Date Wanted \_\_\_\_\_

Authorized By *Ron E Bias*

Received By \_\_\_\_\_

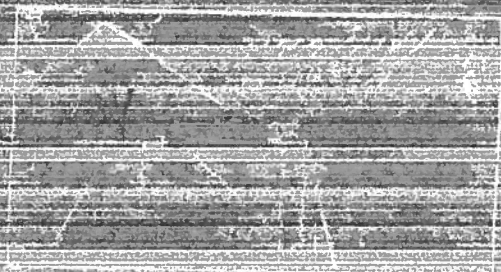
**T**imberSaver PT is a borate based wood preservative applied to lumber and plywood using a pressure-treatment process to provide permanent protection against wood destroying insects and decay fungi in interior applications. TimberSaver PT borate treated lumber and plywood is not suitable for applications exposed to the weather or in ground contact and must be protected from exposure to liquid water.

The active ingredient in TimberSaver PT, Disodium Octaborate Tetrahydrate or DOT, is the most widely accepted form of borates used for treatment of forest products. DOT is manufactured from naturally occurring boric acid, which is widely used in a variety of applications in agriculture, cleaning products and detergents, and in wood preservation.

## TimberSaver PT

- Protects against termites and other wood destroying insects
- Protects against fungal rot
- Non-corrosive to metal fasteners
- Non-toxic to humans and animals
- Does not adversely affect the strength properties of the treated lumber or plywood
- Is a colorless treatment and is also available with a dye to make job site product identification easier
- Is applied through a pressure-treatment process to optimize penetration of borate preservative
- Penetrates difficult to treat refractory species such as Spruce-Pine-Fir and Douglas-Fir

Figure 1: TimberSaver PT is applied to wood using a pressure-treatment process.





## Uses for

### TimberSaver® PT

Applications for TimberSaver PT treated products include:

- Framing Lumber
- Interior Sheathing
- Studs
- Furring Strips
- Sill Plates
- Flooring
- Floor Joists
- Moldings
- Roof Rafters
- Interior Wood Trim
- Trusses
- Plywood

## TimberSaver PT Protects Against These Wood Destroying Insects and Decay Causing Fungi.



- Formosan Termites
- Subterranean Termites (*Captotermes*, *Reticulitermes*, *Heterotermes*)
- Drywood Termites (*Zootermopsis*)
- Drywood Termites (*Kaloterms*, *Incisitermes*)
- Carpenter Ants (*Camponotus*)
- Powderpost Beetles (*Lyctidae*)
- Furniture Beetles (*Anobiidae*)
- Longhorn Beetles (*Cerambycidae*)
- Brown Rot Fungus
- White Rot Fungus
- Water Mold Fungi

## Handling and Use

### TimberSaver® PT

#### TimberSaver PT

borate treated wood can be sawn, nailed, drilled, stained and assembled using standard fastener systems typically used in general wood construction practices.



Lumber and plywood treated with TimberSaver PT must be protected from exposure to the weather while in transit and while being stored at retail yards and job sites. TimberSaver PT products should be stored out of ground contact, either indoors or wrapped in plastic to protect against exposure to liquid water.

With the exception of Southern Pine, all end cut surfaces and field cuts of any type must receive an application of TimberSaver solution by brushing, spraying, dipping, or flooding.

PRODUCT APPROVAL SPECIFICATION SHEET

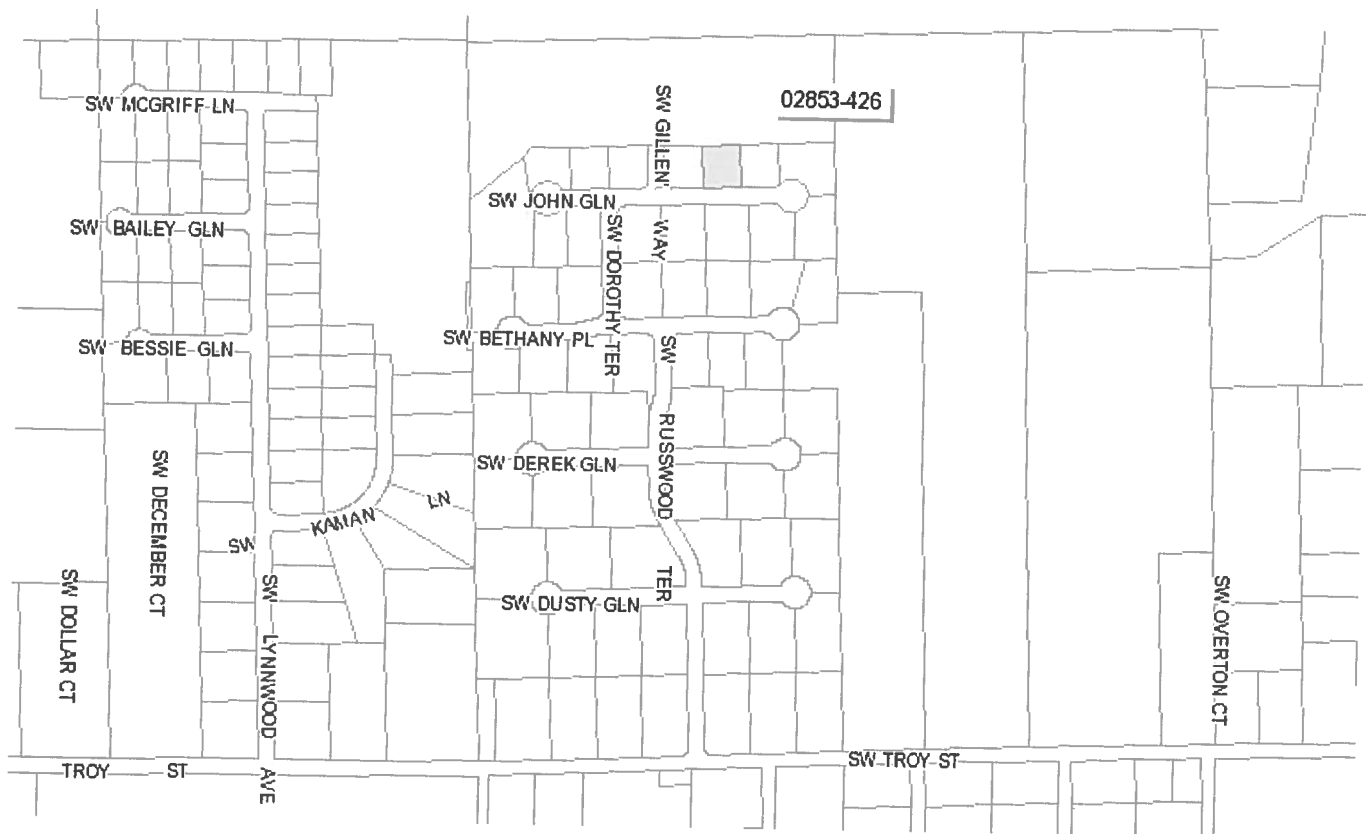
**Location:**

**Project Name:**

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and the product approval number(s) on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit on or after April 1, 2004. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. More information about statewide product approval can be obtained at [www.floridaproducing.com](http://www.floridaproducing.com)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
A. EXTERIOR DOORS			FL 4242-R1
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung			FL 5108
2. Horizontal Slider			FL 5451
3. Casement			
4. Double Hung			
5. Fixed			FL 5418
6. Awning			
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding			FL 889-R2
2. Soffits			FL 4899
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			FL 3820-R1
8. Membrane			
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles			FL 586-R2
2. Underlayments			FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

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25510



## Notice of Treatment

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

Address: \_\_\_\_\_ City: \_\_\_\_\_ Phone: \_\_\_\_\_

Site Location: Subdivision \_\_\_\_\_

Lot # \_\_\_\_\_ Block # \_\_\_\_\_

Address \_\_\_\_\_

Permit # 24510

**Product used** **Active Ingredient** **% Concentration**

☐ Premise Imidacloprid 0.1%

☐ Termidor Fipronil 0.12%

☒ Bora-Care Disodium Octaborate Tetrahydrate 23.0%

Type treatment: ☐ Soil ☐ Wood

Area Treated	Square feet	Linear feet	Gallons Applied
EXT + INT	4174	924	12.0
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

As per Florida Building Code 104.2.6 - If soil chemical barrier method for termite prevention is used, final exterior treatment shall be completed prior to final building approval.

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

Date 3/26/07 Time 9:00 Print Technician's Name T. J. J.

Remarks: \_\_\_\_\_

Applicator - White Permit File - Canary Permit Holder - Pink

10/05

©

## Notice of Intent for Preventative Treatment for Termites

(As required by Florida Building Code 104.2.6)

Date: 1-29-07

177 SW Scott Place Lake City  
(Address of Treatment or Lot/Block of Treatment) City

### Florida Pest Control & Chemical Co.

www.flapest.com

**Product to be used: Bora-Care Termiticide (Wood Treatment)**

**Chemical to be used: 23% Disodium Octaborate Tetrahydrate**

Application will be performed onto structural wood at dried-in stage of construction. Bora-Care Termiticide application shall be applied according to EPA registered label directions as stated in the Florida Building Code Section 1816.1

(Information to be provided to local building code offices prior to concrete foundation installation.)

# COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING INSPECTION

## 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 10-4S-16-02853-426

Building permit No. 000025510

Use Classification SFD/UTILITY

Fire: 64.20

Permit Holder PATRICIA M. JOHNSON

Waste: 167.50

Owner of Building RUSSELL L. BAILEY

Total: 231.70

Location: 177 SW SCOTT PLACE, LAKE CITY, FL 32024

Date: 12/21/2007

*Wayne A. Rine*

Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)