

DATE 05/12/2004

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000021858

APPLICANT JERRY T. WOOD PHONE 386.365.2181
ADDRESS _____ FL _____
OWNER HAROLD & CAROLE READ PHONE 386.365.2181
ADDRESS 135 SW ETHEL GLEN LAKE CITY FL 32055
CONTRACTOR JERRY WOOD PHONE 365.2181
LOCATION OF PROPERTY C-252-B TO TURKEY RUN, TURN R, GO TO PHILLIPS CIRCLE, TURN L
GO TO ETHEL GLEN, TURN L, LOT ON L.
TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 117500.00
HEATED FLOOR AREA _____ TOTAL AREA 1504.00 HEIGHT 18.00 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. _____ FLOOD ZONE XPP DEVELOPMENT PERMIT NO. _____

PARCEL ID 03-4S-16-02739-231 SUBDIVISION TURKEY RUN
LOT 31 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES .51

000000302 _____ RG0003023 _____
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
18"X32"MITERED 04-0525-N BLK JDK N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD
NOC ON FILE

Check # or Cash 3147

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 \$ 590.00 CERTIFICATION FEE \$ 7.52 SURCHARGE FEE \$ 7.52
MISC. FEES \$.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ _____ WASTE FEE \$ _____
FLOOD ZONE DEVELOPMENT FEE \$ _____ CULVERT FEE \$ 25.00 TOTAL FEE 680.04

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 INCONVIENCE, 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

For Office Use Only Application # 0405-15 Date Received 5/5/04 By G Permit # 21858
Application Approved by - Zoning Official BLK Date 11.05.04 Plans Examiner _____ Date _____
Flood Zone X per Plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category RES. Low Den.
Comments _____

Applicants Name JERRY WOOD Phone 386-365-2181
Address PO BOX 2817 LAKE CITY FLA. 32056
Owners Name HAROLD & CAROLE READ Phone _____
911 Address 135 SW ETHEL GLENN LAKE CITY FL. 32055
Contractors Name WOOD CONST. JERRY WOOD Phone 386-365-2181
Address PO BOX 2817 LAKE CITY FLA 32056
Fee Simple Owner Name & Address NA
Bonding Co. Name & Address NA
Architect/Engineer Name & Address WILLIAM WOOD PO BOX 3535 LC FLA / DISOWAY PO BOX 8682 LC FLA
Mortgage Lenders Name & Address NA

Property ID Number 03-45-16-02739-231 Estimated Cost of Construction 130,000
Subdivision Name TURKEY RUN Lot 31 Block _____ Unit _____ Phase _____
Driving Directions TAKE 252 B TO TURKEY RUN TR, GO TO PHILLIPS CIRCLE TL, GO TO ETHEL GLENN TL. HOUSE ON LEFT

Type of Construction RESIDENTIAL Number of Existing Dwellings on Property 0
Total Acreage 0.51 Lot Size 0.51 Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 72' Side 24' Side 24' Rear 92'
Total Building Height 18'9" Number of Stories 1 Heated Floor Area 1504 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.

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X JTW
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me
this 5TH day of MAY 2004.
Personally known ✓ or Produced Identification _____

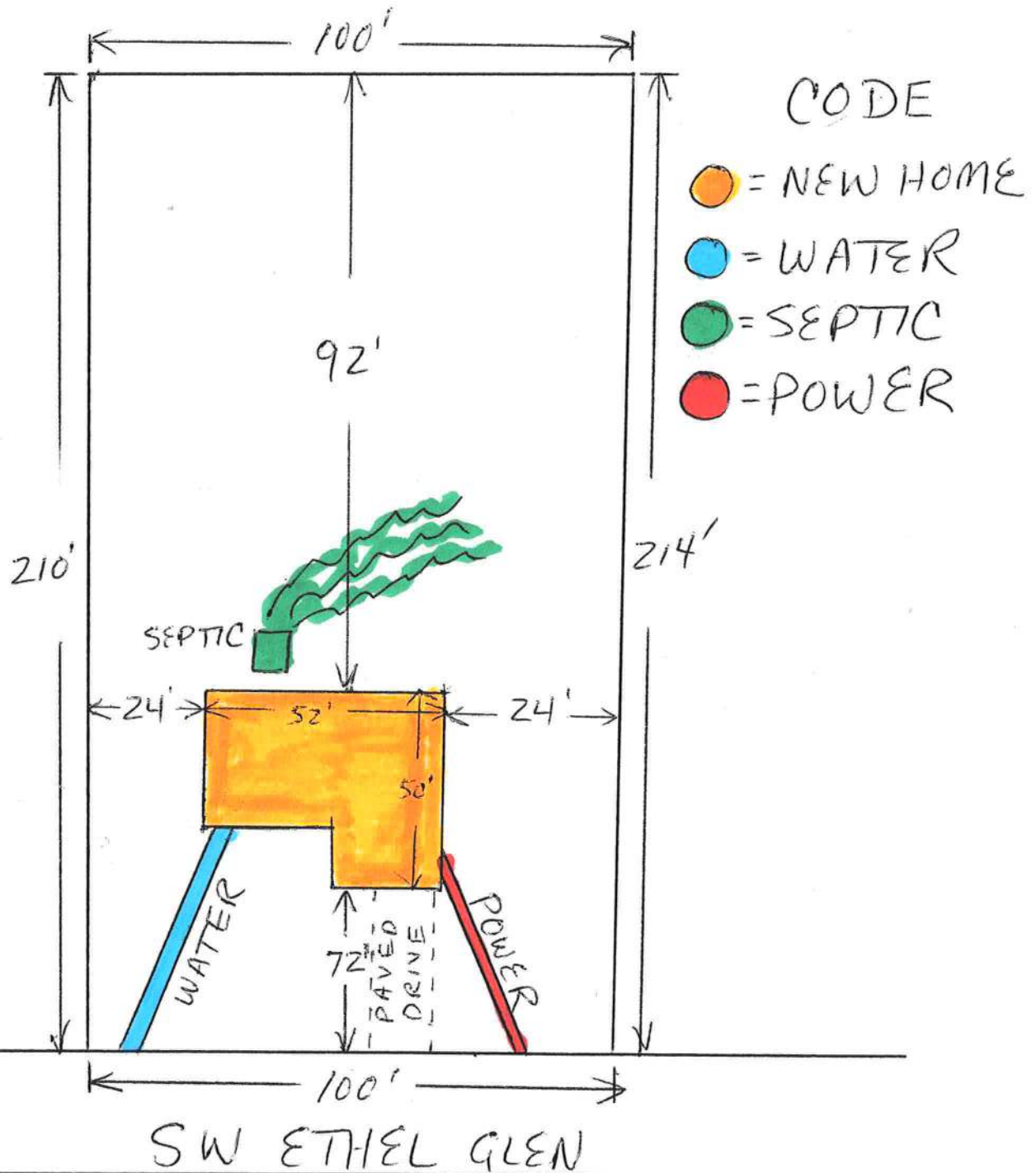
X JTW
Contractor Signature
Contractors License Number RG 0003023
Competency Card Number 5214

NOTARY STAMP/SEAL

Chris W. Cox
Notary Signature



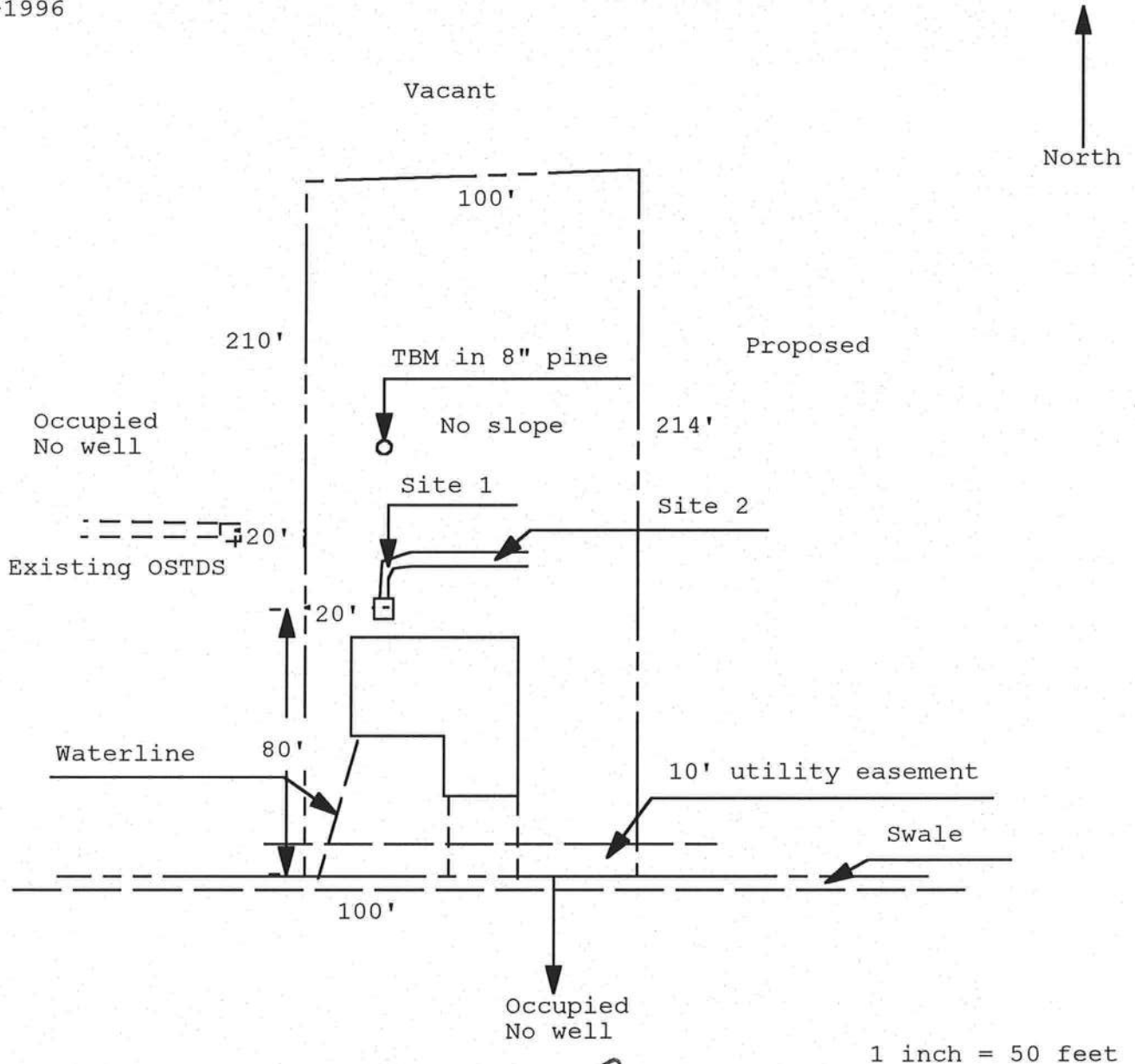
READ SITE PLAN COLUMBIA COUNTY TURKEY RUN LOT 31



Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan
Permit Application Number: 04-0525N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

READ/CR 03-1996



Site Plan Submitted By Paul Lloyd Date 4/22/04
Plan Approved Paul Lloyd Not Approved _____ Date 4/22/04
By LaKisha Brooks (CPHU)

Notes: 5-6-04

THIS INSTRUMENT WAS PREPARED BY:

TERRY McDAVID 01-505
POST OFFICE BOX 1328
LAKE CITY, FL 32056-1328

RETURN TO:

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

Property Appraiser's
Identification Number

Inst: 2003019504 Date: 09/10/2003 Time: 08:55
Doc Stamp-Deed : 147.00
JK DC, P. DeWitt Cason, Columbia County B: 994 P: 640

WARRANTY DEED

THIS INDENTURE, made this 4th day of September, 2003, 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 HAROLD E. READ, JR., and CAROLE W. READ, Husband and Wife whose post office address is P.O. Box 2638, Lake City, FL 32056, 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 31 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.

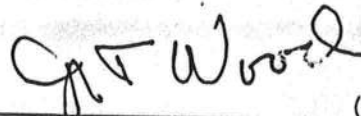
Signed, sealed and delivered
in our presence:



(Signature of First Witness)

Terry McDavid

(Typed Name of First Witness)

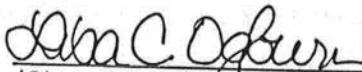


Grantor

(SEAL)

JERRY T. WOOD

Printed Name



(Signature of Second Witness)

Lisa C. Ogburn

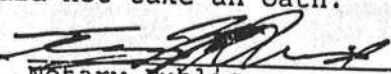
(Typed Name of Second Witness)

Inst: 2003019504 Date: 09/10/2003 Time: 08:55
Doc Stamp-Deed: 147.00
DC, P. DeWitt Cason, Columbia County B: 994 P: 641

STATE OF Florida
COUNTY OF Columbia

The foregoing instrument was acknowledged before me this 4th
day of September, 2003, 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:



NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF COLUMBIA

PREPARED BY
CHRIS W. COX
RT 16 BOX 596
LAKE CITY FLA 32055

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: 03-45-16-02739-231
2. General Description of Improvement: NEW RESIDENTIAL
3. Owner Information:
 - a. Name and Address: HAROLD & CAROLE READ
PO BOX 2638 LAKE CITY FL 32056
 - 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): JERRY WOOD
PO BOX 2817 LAKE CITY FLA 32056
5. Surety:
 - a. Name and Address: N/A Inst: 2004010194 Date: 05/05/2004 Time: 11:22
 - b. Amount of Bond: N/A YMK DC, P. DeWitt Cason, Columbia County B: 1014 P: 914
6. Lender (name and address): N/A
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): N/A
8. In addition to himself, owner designates: N/A
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified): to receive a copy of the Leinor's Notice as provided in Florida Statutes 713.13(1)(b).



Chris W. Cox
Commission #DD308891
Expires: Apr 17, 2008
Bonded Thru
Atlantic Bonding Co., Inc.

x Jerry Wood
Type Owner Name: JERRY WOOD

Type Owner Name: _____

Sworn to and subscribed before me this 3RD day of MAY, 20 04.

Personally Known: ✓
Produced ID: _____
Did/Did Not Take an Oath: _____

Chris W. Cox
Type Notary's Name: CHRIS COX
Notary Public, State of Florida
Commission Expiry & Number: 4-17-08 DD308891

RETURN TO JERRY WOOD
PO BOX 2817
LAKE CITY FLA.
32056

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs
Residential Whole Building Performance Method A

Project Name: READ	Builder: WOODMAN PARK BUILDER
Address:	Permitting Office: COLUMBIA COUNTY
City, State: ,	Permit Number: 21858
Owner:	Jurisdiction Number: 221000
Climate Zone: North	

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	1	___
5. Is this a worst case?	No	___
6. Conditioned floor area (ft ²)	1504 ft ²	___
7. Glass area & type	Single Pane	Double Pane
a. Clear glass, default U-factor	0.0 ft ²	0.0 ft ²
b. Default tint	0.0 ft ²	0.0 ft ²
c. Labeled U or SHGC	0.0 ft ²	209.6 ft ²
8. Floor types		___
a. Slab-On-Grade Edge Insulation	R=0.0, 161.8(p) ft	___
b. N/A		___
c. N/A		___
9. Wall types		___
a. Frame, Wood, Exterior	R=13.2, 882.0 ft ²	___
b. Frame, Wood, Adjacent	R=12.9, 264.0 ft ²	___
c. N/A		___
d. N/A		___
e. N/A		___
10. Ceiling types		___
a. Under Attic	R=30.0, 1504.0 ft ²	___
b. N/A		___
c. N/A		___
11. Ducts		___
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 55.0 ft	___
b. N/A		___
12. Cooling systems		___
a. Central Unit	Cap: 36.1 kBtu/hr	___
	SEER: 10.10	___
b. N/A		___
c. N/A		___
13. Heating systems		___
a. Electric Heat Pump	Cap: 29.0 kBtu/hr	___
	HSPF: 7.00	___
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)		___

Glass/Floor Area: 0.14

Total as-built points: 16994

Total base points: 18342

PASS

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

PREPARED BY: Larry Besmondo #10

DATE: 4/19/04

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

OWNER/AGENT: GT Wood

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: _____



Summary Energy Code Results

Residential Whole Building Performance Method A

Project Title:
READ

Class 3 Rating
Registration No. 0
Climate: North

4/19/2004

Building Loads			
Base		As-Built	
Summer:	19251 points	Summer:	16669 points
Winter:	11768 points	Winter:	12515 points
Hot Water:	2416 points	Hot Water:	2416 points
Total:	33435 points	Total:	31601 points

Energy Use			
Base		As-Built	
Cooling:	8212 points	Cooling:	6690 points
Heating:	7383 points	Heating:	7619 points
Hot Water:	2746 points	Hot Water:	2685 points
Total:	18342 points	Total:	16994 points

PASS
e-Ratio: 0.93

BUILDING INPUT SUMMARY REPORT

PROJECT	Title:	READ	Family Type:	Single	Address Type:	Street Address
	Owner:	(blank)	New/Existing:	New	Lot #:	N/A
	# of Units:	1	Bedrooms:	1	Subdivision:	N/A
	Builder Name:	WOODMAN PARK BUILDERS	Conditioned Area:	1504	Platbook:	N/A
	Climate:	North	Total Stories:	1	Street:	(blank)
	Permit Office:	COLUMBIA COUNTY	Worst Case:	No	County:	COLUMBIA
	Jurisdiction #:	(blank)	Rotate Angle:	(blank)	City, St, Zip:	, ,

FLOORS	#	Floor Type	R-Val	Area/Perimeter	Units
	1	Slab-On-Grade Edge Insulation	0.0	161.8(p) ft	1

DOORS	#	Door Type	Orientation	Area	Units
	1	Insulated	Exterior	20.4 ft²	1
2	Insulated	Adjacent	19.0 ft²	1	

CEILINGS	#	Ceiling Type	R-Val	Area	Base Area	Units
	1	Under Attic	30.0	1504.0 ft²	1504.0 ft²	1
Credit Multipliers: None						

COOLING	#	System Type	Efficiency	Capacity
	1	Central Unit	SEER: 10.10	36.1 kBtu/hr
Credit Multipliers: Ceil Fn				

WALLS	#	Wall Type	Location	R-Val	Area	Units
	1	Frame - Wood	Exterior	13.2	882.0 ft²	1
2	Frame - Wood	Adjacent	12.9	264.0 ft²	1	

HEATING	#	System Type	Efficiency	Capacity
	1	Electric Heat Pump	HSPF: 7.00	29.0 kBtu/hr
Credit Multipliers: None				

WINDOWS	#	Panes	Tint	Ornt	Area	OH Length	OH Hght	Units
	1	D, U=0.609	Clear	S	30.0 ft²	2.0 ft	6.0 ft	1
	2	D, U=0.609	Clear	W	4.0 ft²	2.0 ft	2.0 ft	1
	3	D, U=0.551	Clear	E	40.8 ft²	22.0 ft	7.8 ft	1
	4	D, U=0.609	Clear	E	9.0 ft²	2.0 ft	4.0 ft	1
	5	D, U=0.551	Clear	W	40.8 ft²	22.0 ft	7.8 ft	1
	6	D, U=0.609	Clear	N	40.0 ft²	2.0 ft	6.0 ft	1
7	D, U=0.609	Clear	N	45.0 ft²	10.0 ft	6.0 ft	1	

DUCTS	#	Supply Location	Return Location	Air Handler Location	Supply R-Val	Supply Length
	1	Uncond.	Uncond.	Garage	6.0	55.0 ft
Credit Multipliers: None						

WATER	#	System Type	EF	Cap.	Conservation Type	Con. EF
	1	Electric Resistance	0.90	40.0	None	0.00

REFR.	#	Use Default?	Annual Operating Cost	Electric Rate
	1	Yes	N/A	N/A

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE SCORE* = 84.5

The higher the score, the more efficient the home.

1. New construction or existing	New	___	12. Cooling systems	
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 36.1 kBtu/hr ___
3. Number of units, if multi-family	1	___		SEER: 10.10 ___
4. Number of Bedrooms	1	___	b. N/A	___
5. Is this a worst case?	No	___	c. N/A	___
6. Conditioned floor area (ft ²)	1504 ft ²	___		___
7. Glass area & type	Single Pane	Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft ²	0.0 ft ²	a. Electric Heat Pump	Cap: 29.0 kBtu/hr ___
b. Clear - double pane	0.0 ft ²	0.0 ft ²		HSPF: 7.00 ___
c. Tint/other SHGC - single pane	0.0 ft ²	209.6 ft ²	b. N/A	___
d. Tint/other SHGC - double pane			c. N/A	___
8. Floor types				___
a. Slab-On-Grade Edge Insulation	R=0.0, 161.8(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=13.2, 882.0 ft ²	___	c. Conservation credits	___
b. Frame, Wood, Adjacent	R=12.9, 264.0 ft ²	___	(HR-Heat recovery, Solar	
c. N/A		___	DHP-Dedicated heat pump)	
d. N/A		___	15. HVAC credits	CF, ___
e. N/A		___	(CF-Ceiling fan, CV-Cross ventilation,	
10. Ceiling types			HF-Whole house fan,	
a. Under Attic	R=30.0, 1504.0 ft ²	___	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, 55.0 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: GT Wood

Date: 5-4-04

Address of New Home: 135 SW Ethel Glen

City/FL Zip: LAKE CITY FL.

32055



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

EnergyGauge® (Version: FLRCSB v3.30)

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.	

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	1504.0	20.04	5425.2	Double,U=0.61,Clear	S	2.0	6.0	30.0	37.01	0.78	861.7
				Double,U=0.61,Clear	W	2.0	2.0	4.0	39.69	0.53	84.2
				Double,U=0.55,Clear	E	22.0	7.8	40.8	43.51	0.36	633.4
				Double,U=0.61,Clear	E	2.0	4.0	9.0	43.20	0.73	282.1
				Double,U=0.55,Clear	W	22.0	7.8	40.8	40.01	0.37	611.5
				Double,U=0.61,Clear	N	2.0	6.0	40.0	20.46	0.90	736.8
				Double,U=0.61,Clear	N	10.0	6.0	45.0	20.46	0.64	589.0
				As-Built Total:		209.6			3798.6		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	264.0	0.70	184.8	Frame, Wood, Exterior	13.2		882.0	1.48	1305.4		
Exterior	882.0	1.70	1499.4	Frame, Wood, Adjacent	12.9		264.0	0.61	159.7		
Base Total:				As-Built Total:		1146.0			1465.1		
DOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Adjacent	19.0	2.40	45.6	Exterior Insulated			20.4	4.10	83.6		
Exterior	20.4	6.10	124.4	Adjacent Insulated			19.0	1.60	30.4		
Base Total:				As-Built Total:		39.4			114.0		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	1504.0	1.73	2601.9	Under Attic	30.0		1504.0	1.73 X 1.00	2601.9		
Base Total:				As-Built Total:		1504.0			2601.9		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	161.8(p)	-37.0	-5986.6	Slab-On-Grade Edge Insulation	0.0		161.8(p)	-41.20	-6666.2		
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:		161.8			-6666.2		
INFILTRATION Area X BSPM = Points						Area X SPM = Points					
1504.0 10.21 15355.8						1504.0 10.21 15355.8					

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

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points:		19250.6		Summer As-Built Points:					16669.3	
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
19250.6		0.4266	8212.3	16669.3 16669.3	1.000 1.00	(1.090 x 1.147 x 1.00)	1.250	0.338 0.338	0.950 0.950	6690.3 6690.3

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	1504.0	12.74	3449.0	Double,U=0.61,Clear	S	2.0	6.0	30.0	6.22	1.26	234.9
				Double,U=0.61,Clear	W	2.0	2.0	4.0	13.51	1.17	63.1
				Double,U=0.55,Clear	E	22.0	7.8	40.8	9.94	1.51	610.9
				Double,U=0.61,Clear	E	2.0	4.0	9.0	11.68	1.12	117.7
				Double,U=0.55,Clear	W	22.0	7.8	40.8	11.75	1.24	593.4
				Double,U=0.61,Clear	N	2.0	6.0	40.0	17.34	1.00	696.8
				Double,U=0.61,Clear	N	10.0	6.0	45.0	17.34	1.02	798.9
				As-Built Total:				209.6	3115.7		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	264.0	3.60	950.4	Frame, Wood, Exterior	13.2		882.0	3.36	2963.5		
Exterior	882.0	3.70	3263.4	Frame, Wood, Adjacent	12.9		264.0	3.32	875.2		
Base Total:				1146.0		4213.8					
				As-Built Total:		1146.0		3838.7			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	19.0	11.50	218.5	Exterior Insulated			20.4	8.40	171.4		
Exterior	20.4	12.30	250.9	Adjacent Insulated			19.0	8.00	152.0		
Base Total:				39.4		469.4					
				As-Built Total:		39.4		323.4			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1504.0	2.05	3083.2	Under Attic	30.0		1504.0	2.05 X 1.00	3083.2		
Base Total:				1504.0		3083.2					
				As-Built Total:		1504.0		3083.2			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	161.8(p)	8.9	1440.0	Slab-On-Grade Edge Insulation	0.0		161.8(p)	18.80	3041.8		
Raised	0.0	0.00	0.0								
Base Total:				1440.0		3041.8					
				As-Built Total:		161.8		3041.8			
INFILTRATION Area X BWPM = Points								Area X WPM = Points			
1504.0 -0.59 -887.4								1504.0 -0.59 -887.4			

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT									
Winter Base Points: 11768.1				Winter As-Built Points: 12515.4									
Total Winter Points	X	System Multiplier	= Heating Points	Total Component	X	Cap Ratio	X	Duct Multiplier	X	System Multiplier	X	Credit Multiplier	= Heating Points
								(DM x DSM x AHU)					
11768.1		0.6274	7383.3	12515.4		1.000		(1.069 x 1.169 x 1.00)		0.487		1.000	7618.9
11768.1		0.6274	7383.3	12515.4		1.00		1.250		0.487		1.000	7618.9

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X Credit = Total
Number of	X	Multiplier	=	Volume		Bedrooms		Ratio	Multiplier
Bedrooms			Total						
1		2746.00	2746.0	40.0	0.90	1		1.00	2684.98 1.00 2685.0
				As-Built Total:					2685.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
			Hot Water				Hot Water
			Points				Points
			=				=
			Total				Total
			Points				Points
8212		7383	2746	18342	6690	7619	2685 16994

PASS



Columbia County Building Department Culvert Permit

Culvert Permit No.
000000302

DATE 05/12/2004 PARCEL ID # 03-4S-16-02739-231

APPLICANT JERRY T. WOOD PHONE 386.365.2181

ADDRESS _____ FL _____

OWNER HAROLD & CAROLE READ PHONE 386.365.2181

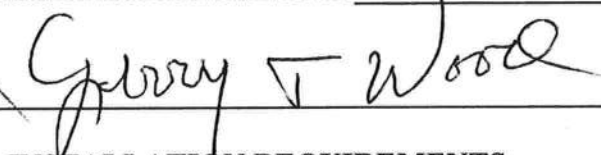
ADDRESS 135 SW ETHEL GLEN LAKE CITY FL 32055

CONTRACTOR JERRY T. WOOD PHONE 365.2181

LOCATION OF PROPERTY C-252-B TO TURKEY RUN, TURN R., GO TO PHILLIPS CIRCLE, L GO TO ETHEL GLEN, L., LOT O LEFT.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT TURKEY RUN 31

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 INSTALLATION 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



Notice of Treatment

Applicator Florida Pest Control & Chemical Co. 10901

Address 536 SE BAY AVE

City Lake City Phone 7521703

Site Location Subdivision TURKEY RUN

Lot# 31 Block# Permit# 21858

Address 135 SW ETHEL GLEN

AREAS TREATED 03-45-16-02739-231

Print Technician's

Area Treated	Date	Time	Gal.	Name
Main Body	<u>6/4/04</u>	<u>1815</u>	<u>443</u>	<u>Gunny F254</u>
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

Name of Product Applied DURSBAN TC 0.05 %

Remarks Exterior not to grade

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-16-02739-231

Building permit No. 000021858

Use Classification SFD & UTILITY

Fire: 5.67

Permit Holder JERRY WOOD

Waste: 12.25

Owner of Building HAROLD & CAROLE READ

Total: 17.92

Location: TURKEY RUN, LOT 31 (135 SW ETHEL GLEN)

Date: 09/30/2004

Harry Dickie

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)

