

DATE 02/28/2005

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000022852

APPLICANT JOHN NORRIS

PHONE 758-3663

ADDRESS P.O. BOX 238

WHITE SPRINGS

FL 32096

OWNER PETE GIEBEIG

PHONE 752-7968

ADDRESS 225 SW WISE DRIVE

LAKE CITY

FL 32055

CONTRACTOR JOHN NORRIS

PHONE 758-3663

LOCATION OF PROPERTY 47S, TR ON 242, TR ON WISE DRIVE, 7TH ON RIGHT

TYPE DEVELOPMENT SFD,UTILITY

ESTIMATED COST OF CONSTRUCTION 78600.00

HEATED FLOOR AREA 1572.00

TOTAL AREA 2300.00

HEIGHT .00

STORIES 1

FOUNDATION CONC

WALLS FRAMED

ROOF PITCH 6/12

FLOOR SLAB

LAND USE & ZONING RSF-2

MAX. HEIGHT 18

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 23-4S-16-03113-137

SUBDIVISION WISE ESTATES

LOT 5

BLOCK C

PHASE

UNIT 1

TOTAL ACRES .50

000000555

N

RG0066597

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

CULVERT

05-0076-N

BK

RJ

Y

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS: PLAT REQUIRES 1ST FLOOR ELEVATION TO BE 99.0 ELEVATION LETTER

REQUIRED BEFORE SLAB, NOC ON FILE

Check # or Cash 3297

## 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 \$ 395.00

CERTIFICATION FEE \$ 11.50

SURCHARGE FEE \$ 11.50

MISC. FEES \$ .00

ZONING CERT. FEE \$ 50.00

FIRE FEE \$

WASTE FEE \$

FLOOD ZONE DEVELOPMENT FEE \$

CULVERT FEE \$ 25.00

TOTAL FEE 493.00

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.

NOTICE OF COMMENCEMENT

Inst:2005001019 Date:01/14/2005 Time:12:01

YMK DC,P.DeWitt Cason,Columbia County B:1035 P:1723

STATE OF: Florida  
COUNTY OF: Columbia

The undersigned hereby gives notice that improvement will be made to certain real property, and in accordance with Chapter 713, Florida Statutes, the following information is provided in this Notice of Commencement:

1. Description of Property: Lot 5 Block C Wise Estates  
225 SW Wise Drive Lake City, FL. 32025
2. General Description of Improvement: Construction of Single Family Residence
3. Owner Information:
  - a. Name and Address: Peter W. Giebeig  
P.O. Box 1384 Lake City, FL 32056
  - b. Interest in Property: Fee Simple
  - c. Name and Address of Fee Simple titleholder (if other than Owner): \_\_\_\_\_
4. Contractor (Name and Address): John D. Norris  
P.O. Box 238 White Springs, FL 32096
5. Surety:
  - a. Name and Address: N/A
  - b. Amount of Bond: \_\_\_\_\_
6. Lender (Name and Address): N/A
7. Persons within the State of Florida designated by Owner upon notices or other documents may be Served as provided by 713.13 (1)(a)(7), Florida Statutes.  
N/A
8. In addition to himself, the Owner designates the following person to recieve a copy of the Lienor's Notice as provided in 713.13 (1)(b), Florida Statues (Name and Address):  
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): \_\_\_\_\_

Type Owner Name: \_\_\_\_\_

Peter W. Giebeig  
Type Owner Name: Peter W. Giebeig

Elaine K. Tolar  
Witness #1 ELAINE K. TOLAR

Margaret Bayley  
Witness #2 Margaret Bayley

Sworn to and subscribed before me by the  
Owner (s) on this 13<sup>th</sup> day of Jan 2005

Elaine K. Tolar  
Type Name: ELAINE K. TOLAR  
Notary Public, State of Florida  
COMMISSION EXPIRY / NUMBER:

Personally Known Peter W. Giebeig  
Produced Identification \_\_\_\_\_  
Did Take an Oath / Did Not Take an Oath \_\_\_\_\_



493.00

3297

18ft

## Columbia County Building Permit Application

message

For Office Use Only Application # 0502-29 Date Received 2/8/05 By [Signature] Permit # 555/22852  
 Application Approved by - Zoning Official B.L.K. Date 24.02.05 Plans Examiner \_\_\_\_\_ Date \_\_\_\_\_  
 Flood Zone X per plat Development Permit N/A Zoning RSF-2 Land Use Plan Map Category Res. Low Den  
 Comments Plat Requires 1st Floor Elevation to be 99.0 feet Elevation letter Required before Slabs.

Applicants Name Johnie Norrie Phone 758-3663  
 Address PO Box 238 White Springs Fl. 32096  
 Owners Name Pete Gieberg Phone 752-7968  
 911 Address 225 S.W. Wise Dr.  
 Contractors Name John Norrie Phone 758-3663  
 Address PO Box 238 White Springs Fl.  
 Fee Simple Owner Name & Address Pete Gieberg P.O. Box 1384 L.C. Fl. 32056  
 Bonding Co. Name & Address None  
 Architect/Engineer Name & Address Freeman  
 Mortgage Lenders Name & Address None

Property ID Number 23-45-16-03113 137 Estimated Cost of Construction 55,000.  
 Subdivision Name Wise Estates Lot 5 Block C Unit I Phase -  
 Driving Directions 47 South To 242 and Turn right, go 1 mile TR Wise Dr, 7th on right.

Type of Construction Brick ~~veneer~~ veneer Number of Existing Dwellings on Property 0  
 Total Acreage 43A. Lot Size 1/2 Ac Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 30' 27" Side 40' 35.6" Side 20' 19.6" Rear 100'  
 Total Building Height 18' Number of Stories 1 Heated Floor Area 1575 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.

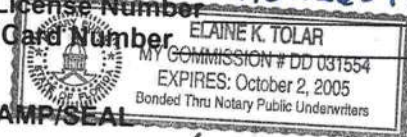
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

Peter W. [Signature]  
 Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
 COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me  
 this 4th day of Feb 2005.  
 Personally known X or Produced Identification \_\_\_\_\_

X John D Norrie  
 Contractor Signature  
 Contractors License Number R6066597  
 Competency Card Number \_\_\_\_\_



NOTARY STAMP/SEAL

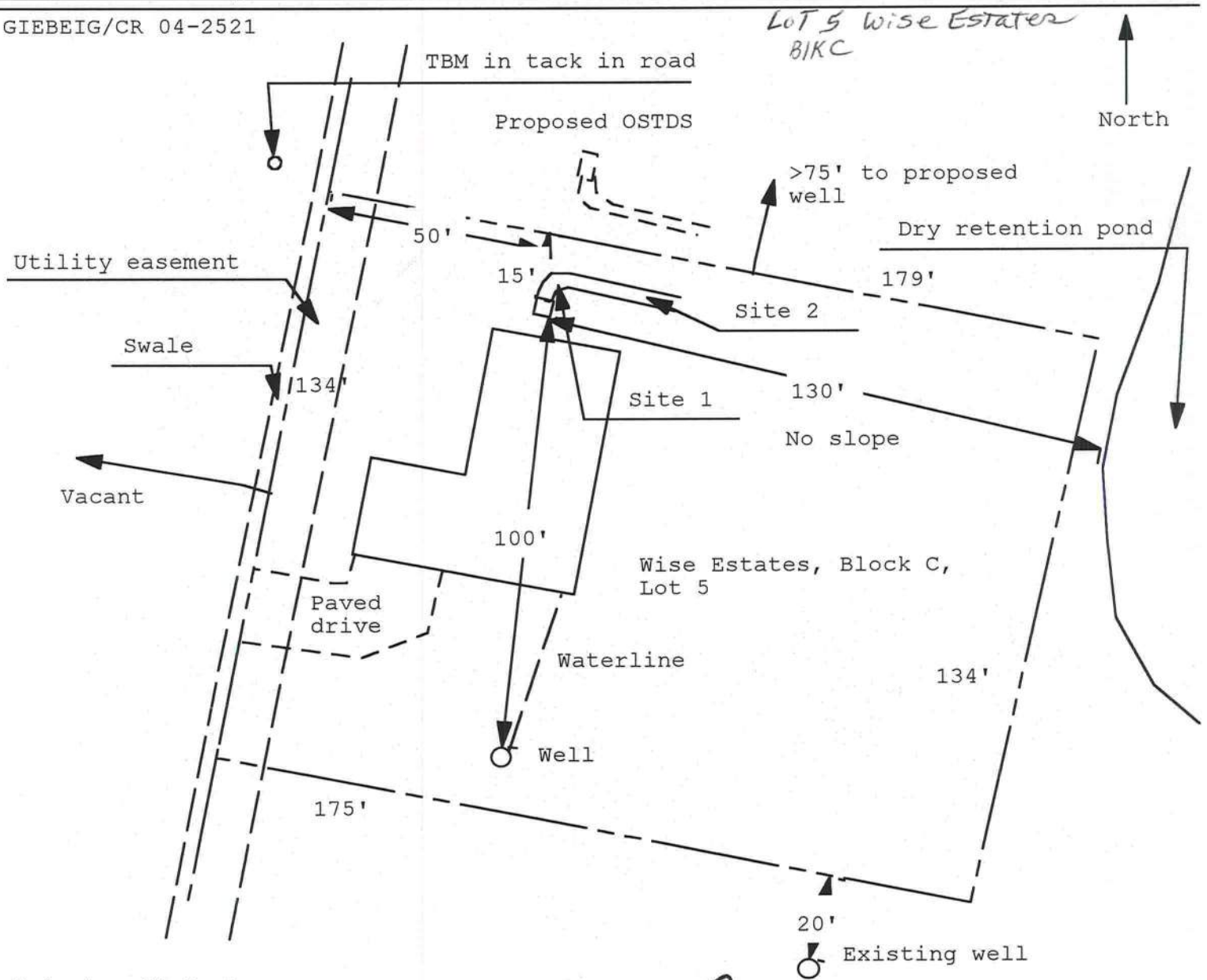
Elaine K. Tolar  
 Notary Signature



Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 05-0076N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

GIEBEIG/CR 04-2521



1 inch = 35 feet

Site Plan Submitted By Paul L. Leph Date 1/7/05  
Plan Approved Not Approved Date 1/7/05  
By Paul L. Leph Columbia CPHU

Notes: \_\_\_\_\_

# Residential System Sizing Calculation

## Summary

Peter Giebeig

Project Title:  
Modified Suwannee Model

Code Only  
Professional Version  
Climate: North

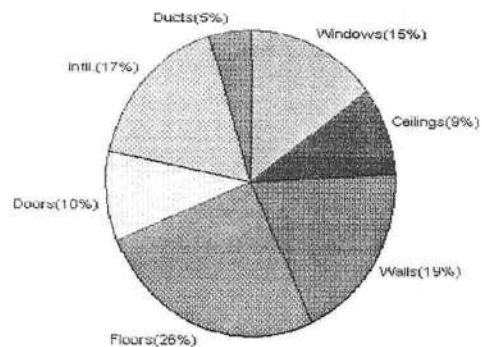
1/14/2005

Location for weather data: Gainesville - User customized: Latitude(29) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (78F) Humidity difference(51gr.)			
Winter design temperature	31 F	Summer design temperature	98 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	39 F	Summer temperature difference	23 F
<b>Total heating load calculation</b>	<b>20562 Btuh</b>	<b>Total cooling load calculation</b>	<b>19115 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	116.7 24000	Sensible (SHR = 0.5)	78.4 12000
Heat Pump + Auxiliary(0.0kW)	116.7 24000	Latent	315.8 12000
		Total (Electric Heat Pump)	125.6 24000

## WINTER CALCULATIONS

Winter Heating Load (for 1492 sqft)

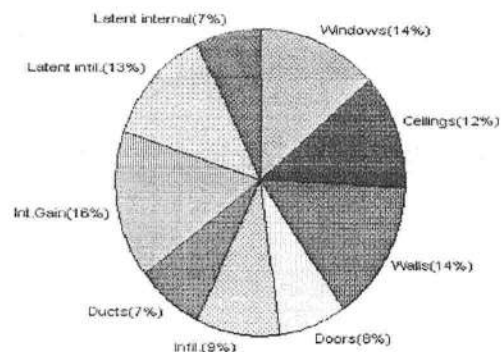
Load component		Load
Window total	107 sqft	3028 Btuh
Wall total	1344 sqft	3878 Btuh
Door total	118 sqft	2000 Btuh
Ceiling total	1498 sqft	1947 Btuh
Floor total	168 ft	5309 Btuh
Infiltration	80 cfm	3421 Btuh
<b>Subtotal</b>		<b>19583 Btuh</b>
Duct loss		979 Btuh
<b>TOTAL HEAT LOSS</b>		<b>20562 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1492 sqft)

Load component		Load
Window total	107 sqft	2611 Btuh
Wall total	1344 sqft	2742 Btuh
Door total	118 sqft	1469 Btuh
Ceiling total	1498 sqft	2337 Btuh
Floor total		0 Btuh
Infiltration	70 cfm	1765 Btuh
Internal gain		3000 Btuh
<b>Subtotal(sensible)</b>		<b>13923 Btuh</b>
Duct gain		1392 Btuh
<b>Total sensible gain</b>		<b>15316 Btuh</b>
Latent gain(infiltration)		2419 Btuh
Latent gain(internal)		1380 Btuh
<b>Total latent gain</b>		<b>3799 Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>19115 Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

EnergyGauge® FLRCPB v3.30



# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Peter Giebeig  
Lake City, FL

Project Title:  
Modified Suwannee Model

Code Only  
Professional Version  
Climate: North

1/14/2005

Totals for Cooling	Subtotal	13923 Btuh
	Duct gain(using duct multiplier of 0.10)	1392 Btuh
	Total sensible gain	15316 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	2419 Btuh
	Latent occupant gain (6 people @ 230 Btuh per person)	1380 Btuh
	Latent other gain	0 Btuh
	<b>TOTAL GAIN</b>	<b>19115 Btuh</b>

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)  
(U - Window U-Factor or 'DEF' for default)  
(InSh - Interior shading device: none(N), Blinds/Daperies(B) or Roller Shades(R))  
(ExSh - Exterior shading device: none(N) or numerical value)  
(Ornt - compass orientation)

# System Sizing Calculations - Summer

## Residential Load - Component Details

Peter Giebeig

Project Title:

Code Only

Lake City, FL

Modified Suwannee Model

Professional Version

Climate: North

Reference City: Gainesville (User customized) Summer Temperature Difference: 23.0 F 1/14/2005

Window	Type	Overhang		Window Area(sqft)			HTM		Load	
	Panes/SHGC/U/InSh/ExSh Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, DEF, N, N	N	2	6	15.0	0.0	15.0	24	24	360 Btuh
2	2, Clear, DEF, N, N	N	2	7	30.0	0.0	30.0	24	24	720 Btuh
3	2, Clear, DEF, N, N	E	2	2	5.0	4.1	0.9	24	74	163 Btuh
4	2, Clear, DEF, N, N	S	20	4	5.0	5.0	0.0	24	39	120 Btuh
5	2, Clear, DEF, N, N	S	4	3	4.0	4.0	0.0	24	39	96 Btuh
6	2, Clear, DEF, N, N	S	2	7	48.0	48.0	0.0	24	39	1152 Btuh
Window Total					107					2611 Btuh
Walls	Type	R-Value			Area		HTM		Load	
1	Frame - Exterior	13.0			672.0		2.1		1438 Btuh	
2	Frame - Exterior	13.0			480.0		2.1		1027 Btuh	
3	Frame - Adjacent	13.0			192.0		1.4		276 Btuh	
Wall Total					1344.0				2742 Btuh	
Doors	Type	R-Value			Area		HTM		Load	
1	Insulated - Exter				20.0		12.5		250 Btuh	
2	Insulated - Exter				80.0		12.5		998 Btuh	
3	Insulated - Adjac				17.7		12.5		221 Btuh	
Door Total					117.7				1469 Btuh	
Ceilings	Type/Color	R-Value			Area		HTM		Load	
1	Under Attic/Dark	30.0			1498.0		1.6		2337 Btuh	
Ceiling Total					1498.0				2337 Btuh	
Floors	Type	R-Value			Size		HTM		Load	
1	Slab-On-Grade Edge Insulation	0.0			168.0 ft(p)		0.0		0 Btuh	
Floor Total					168.0				0 Btuh	
Infiltration	Type	ACH			Volume		CFM=		Load	
	Natural	0.35			11936		69.8		1765 Btuh	
	Mechanical						0		0 Btuh	
	Infiltration Total							70		1765 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	6	X 300 +	1200	3000 Btuh

**Columbia County Building Department  
Culvert Permit**

**Culvert Permit No.  
000000555**

DATE 02/28/2005 PARCEL ID # 23-4S-16-03113-137

APPLICANT JOHN NORRIS PHONE 758-3663

ADDRESS P.O. BOX 238 WHITE SPRINGS FL 32096


OWNER PETE GIEBEIG PHONE 752-7968

ADDRESS 225 SW WISE DRIVE LAKE CITY FL 32055

CONTRACTOR JOHN NORRIS PHONE 758-3663

LOCATION OF PROPERTY 47S, TR ON 242, TR ON WISE DRIVE, 7TH ON RIGHT

SUBDIVISION/LOT/BLOCK/PHASE/UNIT WISE ESTATES 5 C 1

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





FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	Columbia Model Lot 5c Wise Estates	Builder:	John Norris
Address:	Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E	Permitting Office:	Columbia
City, State:	Lake City, FL	Permit Number:	22852
Owner:	Peter Giebeig	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: 31.4 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?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1572 ft²		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	109.0 ft² 0.0 ft²	a. Electric Heat Pump	Cap: 31.4 kBtu/hr
b. Default tint	0.0 ft² 0.0 ft²		HSPF: 7.00
c. Labeled U 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, 200.0(p) ft		
b. N/A		14. Hot water systems	
c. N/A		a. LP Gas	Cap: 31.4 gallons
9. Wall types			EF: 0.66
a. Frame, Wood, Exterior	R=13.0, 2128.0 ft²	b. N/A	
b. N/A		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, 1729.2 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, 76.0 ft		
b. N/A			

Glass/Floor Area: 0.07

Total as-built points: 25831  
Total base points: 28678

PASS

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

PREPARED BY: Walter A. Free

DATE: 2/22/05

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: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, 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	1572.0	20.04	5670.5	Single, Clear	W	1.5 4.0	9.0	43.84	0.82	322.6
				Single, Clear	W	1.5 6.0	15.0	43.84	0.91	600.6
				Single, Clear	E	1.5 6.0	60.0	47.92	0.91	2624.3
				Single, Clear	E	1.5 6.0	25.0	47.92	0.91	1093.5
				As-Built Total:		109.0		4640.9		
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		2128.0	1.50		3192.0
Exterior	2128.0	1.70	3617.6							
Base Total: 2128.0 3617.6				As-Built Total:		2128.0		3192.0		
DOOR TYPES Area X BSPM = Points				Type			Area X	SPM	=	Points
Adjacent	201.3	2.40	483.1	Exterior Wood			20.4	6.10		124.4
Exterior	20.4	6.10	124.4	Adjacent Wood			26.5	2.40		63.6
				Adjacent Wood			57.1	2.40		137.1
				Adjacent Wood			12.2	2.40		29.4
				Adjacent Wood			32.6	2.40		78.3
				Adjacent Wood			27.2	2.40		65.3
				Adjacent Wood			35.4	2.40		84.9
				Adjacent Wood			10.2	2.40		24.5
Base Total: 221.7 607.5				As-Built Total:		221.7		607.5		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM X SCM	=	Points
Under Attic	1572.0	1.73	2719.6	Under Attic	30.0		1729.2	1.73 X 1.00		2991.5
Base Total: 1572.0 2719.6				As-Built Total:		1729.2		2991.5		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X	SPM	=	Points
Slab	200.0(p)	-37.0	-7400.0	Slab-On-Grade Edge Insulation	0.0		200.0(p)	-41.20		-8240.0
Raised	0.0	0.00	0.0							
Base Total: -7400.0				As-Built Total:		200.0		-8240.0		
INFILTRATION Area X BSPM = Points				Area X SPM = Points						
	1572.0	10.21	16050.1	1572.0 10.21 16050.1						



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, FL, PERMIT #:

BASE				AS-BUILT							
Summer Base Points:		21265.3		Summer As-Built Points:				19242.1			
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	
21265.3		0.4266	9071.8	19242.1		1.000	(1.090 x 1.147 x 1.00)	0.341	1.000	8210.7	
				19242.1		1.00	1.250	0.341	1.000	8210.7	

WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, FL, 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	1572.0	12.74	3604.9	Single, Clear	W	1.5	4.0	9.0	28.84	1.05	273.3
				Single, Clear	W	1.5	6.0	15.0	28.84	1.02	442.8
				Single, Clear	E	1.5	6.0	60.0	26.41	1.04	1640.8
				Single, Clear	E	1.5	6.0	25.0	26.41	1.04	683.7
				As-Built Total:			109.0			3040.5	
WALL TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0			2128.0	3.40	7235.2	
Exterior	2128.0	3.70	7873.6								
Base Total:				As-Built Total:			2128.0			7235.2	
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points						
Adjacent	201.3	11.50	2314.7	Exterior Wood				20.4	12.30	250.9	
Exterior	20.4	12.30	250.9	Adjacent Wood				26.5	11.50	305.0	
				Adjacent Wood				57.1	11.50	656.9	
				Adjacent Wood				12.2	11.50	140.8	
				Adjacent Wood				32.6	11.50	375.4	
				Adjacent Wood				27.2	11.50	312.8	
				Adjacent Wood				35.4	11.50	406.6	
				Adjacent Wood				10.2	11.50	117.3	
Base Total:				As-Built Total:			221.7			2565.6	
CEILING TYPES Area X BWPM = Points				Type	R-Value			Area X WPM X WCM = Points			
Under Attic	1572.0	2.05	3222.6	Under Attic	30.0			1729.2	2.05 X 1.00	3544.9	
Base Total:				As-Built Total:			1729.2			3544.9	
FLOOR TYPES Area X BWPM = Points				Type	R-Value			Area X WPM = Points			
Slab	200.0(p)	8.9	1780.0	Slab-On-Grade Edge Insulation	0.0			200.0(p)	18.80	3760.0	
Raised	0.0	0.00	0.0								
Base Total:				As-Built Total:			200.0			3760.0	
INFILTRATION Area X BWPM = Points				Area X WPM = Points							
1572.0 -0.59 -927.5				1572.0 -0.59 -927.5							



WINTER CALCULATIONS  
Residential Whole Building Performance Method A - Details

ADDRESS: Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, FL, PERMIT #:

BASE				AS-BUILT							
Winter Base Points:		18119.3		Winter As-Built Points:				19218.7			
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	
18119.3		0.6274	11368.0	19218.7		1.000	(1.069 x 1.169 x 1.00)	0.487	1.000	11699.6	
				19218.7		1.00	1.250	0.487	1.000	11699.6	

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

ADDRESS: Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, FL PERMIT #:

BASE					AS-BUILT					
WATER HEATING					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										
3		2746.00		8238.0	31.4	0.66	3		1.00	1973.45
					As-Built Total:					5920.4

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Cooling	+	Heating	=
Points		Points		Points	Total	Points		Points	Total
Points		Points		Points	Points	Points		Points	Points
9072		11368		8238	28678	8211		11700	25831

PASS





# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, 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 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\* = 82.8

The higher the score, the more efficient the home.

Peter Giebeig, Lot: Lot5C, Sub: Wise Estates, Plat: Sec 16, 4 S, 16 E, Lake City, FL,

1. New construction or existing	New	___	12. Cooling systems	___
2. Single family or multi-family	Single family	___	a. Central Unit	Cap: 31.4 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?	Yes	___	c. N/A	___
6. Conditioned floor area (ft²)	1572 ft²	___	13. Heating systems	___
7. Glass area & type	Single Pane	Double Pane	a. Electric Heat Pump	Cap: 31.4 kBtu/hr
a. Clear - single pane	109.0 ft²	0.0 ft²		HSPF: 7.00
b. Clear - double pane	0.0 ft²	0.0 ft²	b. N/A	___
c. Tint/other SHGC - single pane	0.0 ft²	0.0 ft²	c. N/A	___
d. Tint/other SHGC - double pane			14. Hot water systems	___
8. Floor types			a. LP Gas	Cap: 31.4 gallons
a. Slab-On-Grade Edge Insulation	R=0.0, 200.0(p) ft	___		EF: 0.66
b. N/A	___	___	b. N/A	___
c. N/A	___	___	c. Conservation credits	___
9. Wall types			(HR-Heat recovery, Solar	___
a. Frame, Wood, Exterior	R=13.0, 2128.0 ft²	___	DHP-Dedicated heat pump)	___
b. N/A	___	___	15. HVAC credits	___
c. N/A	___	___	(CF-Ceiling fan, CV-Cross ventilation,	___
d. N/A	___	___	HF-Whole house fan,	___
e. N/A	___	___	PT-Programmable Thermostat,	___
10. Ceiling types			MZ-C-Multizone cooling,	___
a. Under Attic	R=30.0, 1729.2 ft²	___	MZ-H-Multizone heating)	___
b. N/A	___	___		___
c. N/A	___	___		___
11. Ducts				___
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 76.0 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™ 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 350-465-1074.*

Energy Gauge Version: FLRCPB v3.30)





## BRITT SURVEYING

830 West Duval Street • Lake City, FL 32055  
Phone (386) 752-7163 • Fax (386) 752-5573

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22852

Land Surveyors  
and Mappers

03/02/05

L-15714

To Whom It May Concern:

C/o: Trent Giebeig

Re: Lot 5 Block C of Wise Estates

The elevation of the foundation is found to be 99.83 feet. The minimum floor elevation shown on the plat of record is 99.00 feet. The highest adjacent grade is 98.76 feet and the lowest adjacent grade is 97.18 feet. The elevations shown hereon are based on NGVD 29 datum.

L. Scott Britt  
PLS #5757



# 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 23-4S-16-03113-137

Building permit No. 000022852

Use Classification SFD, UTILITY

Fire: 11.34

Permit Holder JOHN NORRIS

Waste: 24.50

Owner of Building PETE GIEBEIG

Total: 35.84

Location: 225 SW WISE DR (WISE ESTATES, LOT 5)

Date: 07/06/2005



Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



# Notice of Treatment

**Applicator** Florida Pest Control & Chemical Co. 11345  
**Address** BAYVIEW  
**City** L.C. **Phone** 7521703

**Site Location** **Subdivision** WISE EST  
**Lot#** 5 **Block#** C **Permit#** 22852  
**Address** 225 SW WIDE DE

## AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's Name
Main Body	3/3/05	0830	328	F254
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** DURS BAN TC  
**Remarks** PORCHES/PATIOS to be done