or Office Use Only Application # 1604-67 Date Received 4/24/06 By F Permit # 24533/1082
Application Approved by - Zoning Official BLK Date 27.04.66 Plans Examiner OKJIH Date 5-18-06
Flood Zone X PCr Ph Development Permit _N/A Zoning PRRD Land Use Plan Map Category _A-3
Comments
8703
FAX 254 215 24 11
Applicants Name 50m L Keen Phone 386 365 36 46
Address 764 SW Riverside Av. Ft White FL 32038
Owners Name Baynard + Judy Ward Phone 386 752-5454
911 Address 350 SW Mossey OAK Way Lake City FL
Contractors Name 5 LK Construction Fac Gray William Phone 386 365 3646
Address 7645W Riverside Av. Ft White FL 32038
Fee Simple Owner Name & Address
Bonding Co. Name & Address
Architect/Engineer Name & Address Bailey Bishop + Lane Inc BO Box 3717 Lake City FL. 32056
Mortgage Lenders Name & Address First Federal Sovings Bank PO Drawer & Live OAK FZ 32060
Circle the correct power company (FL Power & Light) - Clay Elec Suwannee Valley Elec Progressive Energy
Property ID Number 25-35 ~15 ~00220-116 Estimated Cost of Construction 380,060,00
Subdivision Name Hunter's Ridge Lot 16 Block Unit Phase
Driving Directions US 90 West to Hunter Ridge S.D. Left around Curve
Lot on Roght on Mossey OAK Way Rd. Look for Sign (SLK Court)
V C
Type of Construction Number of Existing Dwellings on Property
Total Acreage Lot Size Do you need a <u>- Culvert Permit</u> or <u>Culvert Walver</u> or <u>Have an Existing Drive</u>
Actual Distance of Structure from Property Lines - Front 70 Side 130 Side 75 Rear
Total Building Height 28'9" Number of Stories 1 Heated Floor Area 2780 Roof Pitch 6/12
Porches 910 GARAGE 654 TOTAL 4349
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 COMMENCMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OF ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.
Owner Builder or Agent (Including Contractor)  Notary Public State of Florida Contractors License Number C6C050690
STATE OF FLORIDA  Tracy L Duckett  My Commission DD 422 Imperency Card Number
COUNTY OF COLUMBIA Expires 08/31/2009 NOTARY STAMP/SEAL
Sworn to (or affirmed) and subscribed before me
this
Dana wells known or Produced Identification / Notany Signature

# STATE OF FLORIDA DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit A	pplication Number	06-0396N
Scale: 1 inch = 50 feet.		
Sould. Tillott Go look.		
, in the second		
OR AND THE		
	1 2	
	W	/ .
	8w //	
40	$\frac{1}{M}$	
Merch 95° 100	90	
No.	10016	
A		, \
$1/\sqrt{5}$	[const	
N high	CONL DRIVE	b)
R P MILL !		
E 130' 30		A
86 H		K
548'		
tenny	( )	
Notes:	·	
Site Plan submitted by:	MASTER	CONTRACTOR
Plan Approved Not Approved		e 4/21/06
By 200 C	blumbig Count	y Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

#### **COLUMBIA COUNTY 9-1-1 ADDRESSING**

P. O. Box 1787, Lake City, FL 32056-1787 PHONE: (386) 758-1125 \* FAX: (386) 758-1365 \* Email: ron\_croft@columbiacountyfla.com

#### **Addressing Maintenance**

To maintain the Countywide Addressing Policy you must make application for a 9-1-1 Address at the time you apply for a building permit. The established standards for assigning and posting numbers to all principal buildings, dwellings, businesses and industries are contained in Columbia County Ordinance 2001-9. The addressing system is to enable Emergency Service Agencies to locate you in an emergency, and to assist the United States Postal Service and the public in the timely and efficient provision of services to residents and businesses of Columbia County.

**DATE REQUESTED:** 

4/24/2006

DATE ISSUED:

5/1/2006

**ENHANCED 9-1-1 ADDRESS:** 

350

SW MOSSY OAK

WAY

LAKE CITY

FL 32024

PROPERTY APPRAISER PARCEL NUMBER:

25-3S-15-00220-116

Remarks:

LOT 16 HUNTERS RIDGE S/D

Address Issued By:

Columbia County 9-1-1 Addressing / GIS Department

NOTICE: THIS ADDRESS WAS ISSUED BASED ON LOCATION INFORMATION RECEIVED FROM THE REQUESTER. SHOULD, AT A LATER DATE, THE LOCATION INFORMATION BE FOUND TO BE IN ERROR, THIS ADDRESS IS SUBJECT TO CHANGE.

#### HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL OWNERS

June 12, 2002

NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphram tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphram tank is used then we will install a cycle stop valve which will produce the same results.

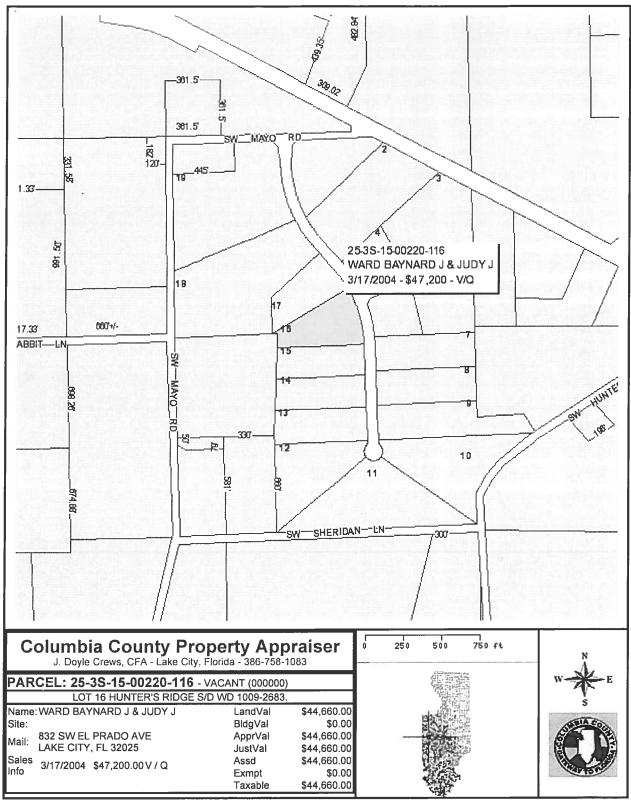
If you have any questions please feel free to call our office anytime.

Thank, you,

Donald D. Hall

DDH/jk

S.L.K. Const.



This information, GIS Map Updated: 4/6/2006, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office. The assessed values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

#### **Columbia County Property** Appraiser DB Last Updated: 4/6/2006

Parcel: 25-3S-15-00220-116

#### 2006 Proposed Values

Search Result: 1 of 1

Tax Record	Property Card	Interactive GIS Map	Print

#### **Owner & Property Info**

Owner's Name	WARD BAYNARD J & JUDY J
Site Address	
Mailing Address	832 SW EL PRADO AVE LAKE CITY, FL 32025
Brief Legal	LOT 16 HUNTER'S RIDGE S/D WD 1009-2683.

Use Desc. (code)	VACANT (000000)
Neighborhood	25315.00
Tax District	3
UD Codes	MKTA01
Market Area	01
Total Land	3.080 ACRES

#### **Property & Assessment Values**

Mkt Land Value	cnt: (1)	\$44,660.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$44,660.00

Just Value	\$44,660.00
Class Value	\$0.00
Assessed Value	\$44,660.00
Exempt Value	\$0.00
Total Taxable Value	\$44,660.00

#### **Sales History**

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
3/17/2004	1009/2683	WD	V	Q		\$47,200.00

#### **Building Characteristics**

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value

#### **Extra Features & Out Buildings**

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

#### **Land Breakdown**

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	3.080 AC	1.00/1.00/1.00/1.00	\$14,500.00	\$44,660.00

Columbia County Property Appraiser

DB Last Updated: 4/6/2006

1 of 1

#### **Disclaimer**

# **Columbia County Building Department Culvert Permit**

# Culvert Permit No. 000001083

DATE 05/1	19/2006 PARCEL ID # 25-3S-1	5-00220-116		
APPLICANT	SAMMY KEEN	PHONE	386.365.3646	
ADDRESS _	764 SW RIVERSIDE AVENUE	FT. WHITE	FL	32038
OWNER BA	AYNARD & JUDY WARD	_ PHONE	386.752.5454	
ADDRESS 3	50 SW MOSSY OAK WAY	LAKE CITY	FL	32024
CONTRACTO	R GUY WILLIAMS	PHONE	386.365.3646	
LOCATION O	F PROPERTY 90-W TO HUNTER RIDGE S.D,TL	GO AROUND CUI	RVE,LOT ON R ON	MOSSY OAK
WAY, LOOK FOR	R SLK SIGN.	-		·
SUBDIVISION	/LOT/BLOCK/PHASE/UNIT HUNTER RIDGE		16	
	In I			
SIGNATURE	all the	- In		
	INSTALLATION REQUIREMENTS			
x	Culvert size will be 18 inches in diameter with	/ na total lenght c	of 32 feet leaving	24 feet of
	driving surface. Both ends will be mitered 4 for thick reinforced concrete slab.	oot with a 4:1 s	lope and poured	with a 4 inch
	INSTALLATION NOTE: Turnouts will be rec	nuired as follow	s.	
	a) a majority of the current and existing drive	eway turnouts a	re paved, or;	
	b) the driveway to be served will be paved or Turnouts shall be concrete or paved a mini	mum of 12 feet	wide or the width	of the
	concrete or paved driveway, whichever is go current and existing paved or concreted tur	greater. The wid mouts.	th shall conform	to the
	<b>01</b>			
	Culvert installation shall conform to the approv	ved site plan sta	ndards.	
	Department of Transportation Permit installation	on approved star	ndards.	
	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



#### BOARD OF COUNTY COMMISSIONERS OFFICE OF

#### **BUILDING & ZONING**

COLUMBIA COUNTY, FLORIDA

#### **CULVERT PERMIT/WAIVER RECEIPT**

RECEIPT NUMBER	PERMIT NUMBER	000001083	DATE 07/27/2006
APPLICANT SA	MMY KEEN		
OWNER BAYNAR	RD & JUDY WARD		
CONTRACTOR G	UY WILLIAMS		
PARCEL ID NUMBE	25-3S-15-00220-116		
FEES:			
~			
CULVERT PERMIT	25.00	CULVERT WAIVE	ER PERMIT
CHECK NUMBER	8703		
CULVERT WAIVER (	CHECK NUMBER		
MA	AKE CHECKS PAYABLE TO:	BCC (Board of County Con	nmissioners)

NOTE: A SEPARATE CHECK IS REQUIRED FOR THE CULVERT WAIVER PERMITS

135 NE HERNANDO AVE., Suite B-21 LAKE CITY, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160



#### BOARD OF COUNTY COMMISSIONERS OFFICE OF

#### **BUILDING & ZONING**

COLUMBIA COUNTY, FLORIDA

#### **CULVERT PERMIT/WAIVER RECEIPT**

RECEIPT NUMBER / PERMIT NUMBER	000001082	DATE	07/27/2006	
APPLICANT SAMMY KEEN				
OWNER BAYNARD & JUDY WARD				
CONTRACTOR GUY WILLIAMS				
PARCEL ID NUMBER 25-3S-15-00220-116				
FEES:				
CULVERT PERMIT NO Charge	CULVERT W	/AIVER PERMIT		_
CHECK NUMBER				
CULVERT WAIVER CHECK NUMBER				

MAKE CHECKS PAYABLE TO: BCC (Board of County Commissioners)

NOTE: A SEPARATE CHECK IS REQUIRED FOR THE CULVERT WAIVER PERMITS

135 NE HERNANDO AVE.,Suite B-21 LAKE CITY, FL 32055

Phone: 386-758-1008 Fax: 386-758-2160





32025 WARD BAYNARD J & JUDY J 832 SW EL PRADO AVE LAKE CITY FL

RETAIN THIS PORTION

3.08 25-35-15 0000/0000 LOT 16 HUNTER'S RIDGE WD 1009-2683.

Acres

C + C

ALL UNPAID TAXES WILL BE PANINEUS. FUNDS TO BOWNIE BRANNON) TAX COLLECTOR · 135 NE HERNANDO AVE. — SUITE 125, LAKE CITY, FL 32055-4006

Paid 11/22/05 Receipt #2701521.0001

\$740.58

COLUMBIA COUNTY TAX COLLECTOR



#### **Project Summary** Zone 1 Glenn I. Jones, Inc.

Job:

Date: Nov17, 2005 By: gij jr

552 NW Hilton Ave., Lake City, FL 32055 Phone 386-752-5389 Fax: 388-755-3401 Email: glenn@bizsea.m.com Web glennijonesinc.com

#### Project Information

For:

Baynard & Judy Ward

Notes:

SLK Construction Lot 16 Hunters Ridge

#### Design Information

Weather: Gainesville, FL, U\$

#### **Winter Design Conditions**

Simplified

Outside db	33 °F	Outside db	92 °F
Inside db	70 °F	Inside db	75 °F
Design TD	37 °F	Design TD	17 °F
		Daily range Relative humidity Moisture difference	M 50 % 52 gr/lb

#### **Heating Summary**

#### Sensible Cooling Equipment Load Sizing

**Summer Design Conditions** 

Structure Ducts Central vent (0 cfm) Humidification Piping	0	Btuh cfm Btuh Btuh Btuh	Structure Ducts Central vent (50 cfm) Blower		Btuh Btuh Btuh Btuh
Piping Equipment load	17906		Use manufacturer's data Rate/swing multiplier	n 0.97	
Infiltratio	on		Equipment sensible load	14242	Bhili

Average 0		
Heating	Cooling	
	1503	
15029	15029	
0.45	0.26	
112	64	
	1503 15029 0.45	1503 1503 15029 15029 0.45 0.26

#### Latent Cooling Equipment Load Sizing

Structure Ducts Central vent (50 cfm) Equipment latent load	2710 Bluh 0 Bluh 1753 Bluh 4463 Bluh	) )
Equipment total load	18705 Bluh	

#### **Heating Equipment Summary**

Make	Carrier
Trade	WeatherMate 38EYG
Model	38EYG02430

Method

Efficiency	7.5 HSPF
Heating input	
Heating output	24600 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	800 cfm
Air flow factor	0.045 cfm/Btuh
Static pressure Space thermostat	0.00 in H2O
Space thermostat	

#### **Cooling Equipment Summary**

Trade	Carrier		
Trade	WeatherMate 38 EYG		
Cond	38EYG02430		
Coil	FV4BNF002		
Efficienc	γ	13 9	SEER
Sensible	cooling	16800	
Latent co	poling	7200	Btuh
Total co	pling		Btuh
Actual a		800	cím
Air flow t		0.058	cfm/Btuh
Static pr	essure nsible heat ratio	0.00	in H2O
Load se	nsible heat ratio	0.77	

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Page 1



#### Project Summary Zone 2 Glenn I. Jones,inc.

Job:

Date: Nov 17, 2005

By: gij jr

552 NW Hilton Ave., Lake City, PL 32055 Phone; 388-752-5389 Fax: 386-755-3401 Email: glenn@bizzearr.com Web: glennljonearc.com

#### Project Information

For:

Baynard & Judy Ward

Notes:

**SLK Construction** Lot 16 Hunters Ridge

#### Design Information

Weather: Gainesville, FL, US

			_, ,			
Winter Desig	ın Conditior	าร	Summer Design (	<b>Summer Design Conditions</b>		
Outside db Inside db Design TD	70	}	Outside db Inside db Design TD Daily range Relative humidity Moisture difference	17 M 50	°F	
Heating 3	Summary		Sensible Cooling Equip	ment Lo	ed Sizing	
Structure Ducts Central vent (0 cfm) Humidification Piping	(	o cim O Bluh O Bluh O Bluh	Structure Ducts Central vent (0 cfm) Blower	0	Btuh Btuh	
Equipment load Infilt	22897 ration	' Btuh	Use manufacturer's data Rate/swing multiplier Equipment sensible load	n 0.97 177 <del>9</del> 6	Btuh	
Method Construction quality	;	Simplified Average	Latent Cooling Equipm	ent Load	d Sizing	
Fireplaces  Area (ff)	Heating 1271	Cooling	Structure Ducts Central vent (0 cfm) Equipment latent load	0	Btuh	
Volume (ft²) Air changes/hour Equiv. AVF (cfm)	12714 1.00 211	12714 0.57 121	Equipment total load Req. total capacity at 0.70 SHR	23410	Btuh	

#### **Heating Equipment Summary**

Heating Equipment	Summary	Cooling Equipment Summary		
Make Carrier Trade WeatherMate 38EYG Model 38EYG03030		Make Carrier Trade WeatherMate 38 EYG Cond 38 EYG 03 03 03 05 FV4ANF 00 3		
Efficiency Heating input	8 HSPF	Efficiency Sensible cooling	13.5 SEER 19600 Btuh	
Heating output Temperature rise Actual air flow Air flow factor Static pressure Space thermostat	29000 Btuh @ 47°F 28 °F 933 cfm 0.041 cfm/Btuh 0.00 in H2O	Latent cooling Total cooling Actual air flow Air flow factor Static pressure Load sensible heat ratio	8400 Btuh 28000 Btuh 933 cfm 0.051 cfm/Btuh 0.00 in H2O 0.77	

Printout certified by ACCA to meet all requirements of Manual J 7th Ed.

Ward, Baynard

S.L.K. Construction

110. 77/7 1. 3

FORM 600A-2004

Project Name:

#### FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Builder:

Permitting Office:

Address: City, State Owner: Climate Zo	Baynard & Kathy		Permitting Office: Permit Number: Jurisdiction Number:	
2. Single ff 3. Number 4. Number 5. Is this a 6. Condition 7. Glass ty a. U-factor (or Single b. SHGC: (or Cle 8. Floor ty a. Slab-Or b. N/A c. N/A 9. Wall ty a. Frame, c. N/A d. N/A e. N/A 10. Ceiling a. Under / b. N/A c. N/A 11. Ducts a Sup: Ur	gle or Double DEFAULT) 7a (Dbl. ear or Tint DEFAULT) 7b. pes n-Grade Edge Insulation pes Wood, Exterior Wood, Adjacent	scription Area	12. Cooling systems a. Central Unit b. Central Unit c. N/A  13. Heating systems a. Electric Heat Pump b. Electric Heat Pump c. N/A  14. Hot water systems a. Electric Resistance 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)	Cap: 24.0 kBtu/hr
	Glass/Floor Area: 0.12	Total as-built p Total base p	oints: 31904 points: 39179 PASS	

Review of the plans and I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy specifications covered by this calculation indicates compliance Code. with the Florida Energy Code. PREPARED BY: Before construction is completed DATE: \_ this building will be inspected for I hereby certify that this building, as designed, is in compliance compliance with Section 553.908 with the Florida Energy Code Florida Statutes **BUILDING OFFICIAL:** OWNER/AGENT: \_ DATE: \_\_\_\_

HV1 ///1 14 1

#### **SUMMER CALCULATIONS**

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Hunters Ridge, Plat: , Lake City, FL,

PERMIT#.

BASE			AS-E	UILT				
GLASS TYPES .18 X Conditioned X BSF Floor Area	PM = Points	Type/SC		erhang Len H	lgt Area X	SPM	I X SOF	= Points
.18 2774.0 24	0.04 10006.4	Double, Clear	NE	8.0 9	0.0 96.0	29.56	3 0.61	1727.2
	0.00	Double, Clear	NW		6.0 15.0	25.97		341.4
		Double, Clear	SW	15.0 7	7,0 54.0	40.16	0.39	844.3
		Double, Clear	W	2.0	3.0 19.8	38.52	0.91	696.7
		Double, Clear	NE	2.0 8	3.0 14.0	29.56	0.92	380.9
		Double, Clear	NE	2.0 4	6.0	29.56		134.6
		Double, Clear	NW		'.0 18.0	25.97		241.0
		Double, Clear	SW		'.0 36.0	40.16		816.2
		Double, Clear	SE		15.0	42.75		516.7
		Double, Clear	NW		3.0 21.0	25.97		504.8
		Double, Clear	SW	2.0 6	30.0	40.16	0.81	973.6
		As-Built Total:			324.8			7177.4
WALL TYPES Area X	BSPM = Points	Туре		R-Va	alue Area	a X	SPM =	Points
Adjacent 466.7	0.70 326.7	Frame, Wood, Exterior		13	.0 260B.D		1.50	3912.0
Exterior 2608.0	1.70 4433.6	Frame, Wood, Adjacent		11	.0 466.7		0.70	326.7
Base Total: 3074.7	4760.3	As-Built Total:			3074.7			4238.7
DOOR TYPES Area X	BSPM = Points	Туре			Area	×	SPM =	Points
Adjacent 0.0 Exterior 21.0	0.00 0.0 6.10 128.1	Exterior Wood			21.0	(	6.10	128.1
Base Total: 21.0	128.1	As-Built Total:			21.0			128.1
CEILING TYPES Area X	BSPM = Points	Туре	İ	R-Value	Area X	SPM >	SCM =	Points
Under Attic 2774.0	1.73 4799.0	Under Attic		30	0 2774.0	1 73 X	1.00	4799.0
Base Total: 2774.0	4799.0	As-Built Total:			2774.0			4799.0
FLOOR TYPES Area X I	BSPM = Points	Туре		R-Va	alue Area	X :	SPM =	Points
Slab         295.3(p)           Raised         0.0	-37.0 -10926.1 0.00 0.0	Slab-On-Grade Edge Insulation	n	0.	0 295.3(p	-41	1,20	-12166.4
Base Total:	-10926.1	As-Built Total:			295.3			-12166.4
INFILTRATION Area X i	BSPM = Points				Area	Х :	SPM =	Points
2774.0	10.21 28322.5				2774.	0 1	0.21	28322.5

FORM 600A-2004

EnergyGauge® 4.0

## **SUMMER CALCULATIONS**

# Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Hunters Ridge, Plat: , Lake City, FL, PERMIT #:

BASE	:		AS-BUILT					
Summer Base Points: 37090.2			Summer As-Built Points:	2499.4				
Total Summer X Syste Points Multipl	m =	Cooling Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Cooling Points				
37090.2 0.42	66	15822.7	(sys 1: Central Unit 24000 bluh ,SEER/EFF(13.0) Ducts Unc(S),Con(R),Int(AH),R6.0(IN 32499 0.46 (1.08 x 1.147 x 0.91) 0.263 1.000 (sys 2: Central Unit 28000 bluh ,SEER/EFF(13.0) Ducts:Unc(S),Con(R),Int(AH),R6.0(IN 32499 0.54 (1.08 x 1.147 x 0.91) 0.263 1.000 32499.4 1.00 1.128 0.263 1.000	4443.3				

EnergyGauge® 4.0

#### WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Hunters Ridge, Plat: , Lake City, FL, PERMIT#:

BASE					AS	-BU	ILT		_			
GLASS TYPE .18 X Condit Floor	lioned X	BWPM =	Points	Type/SC	Ove Ornt	erhang Len		Area X	WPM	x	wol	= Poin
.18 27	74.0	12.74	6361.3	Double, Clear	NE	8.0	9.0	96.0	23.57		1.04	2356.3
				Double, Clear	NW	2.0	6.0	15.0	24.30		1.01	366.8
				Double, Clear	SW	15.0	7.0	54.0	16.74		1.95	1758.8
				Double, Clear	W	2.0	8.0	19.8	20.73		1.02	420.1
				Double, Clear Double, Clear	NE NE	2.0	8.0	14.0	23.57		1.01	332.1
				Double, Clear	NW	2.0 34.0	4.0 7.0	6.0 18.0	23.57 24.30		1.02	144.9
				Double, Clear	SW	5.0	7.0	36.0	16.74		1.04 1.41	453.1 851 1
				Double, Clear	SE	2.0	6.0	15.0	14.71		1.17	258.5
				Double, Clear	NW	2.0	B.0	21.0	24.30		1.00	511.9
				Double, Clear	SW	2.0	6.0	30.0	16.74		1.11	557.B
				As-Built Total:				324.8				8011.2
WALL TYPES	Area >	BWPM	= Points	Туре		R-	Value	Area	x w	PM	=	Points
Adjacent	466.7	3.60	1680.1	Frame, Wood, Exterior			13.0	2608.0	3.	40		8867.2
Exterior	2608.0	3.70	9649.6	Frame, Wood, Adjacent		1	11.0	466.7	3.	60		1680.1
Base Total:	3074.7		11329.7	As-Built Total:				3074.7				10547.3
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	x w	PM	=	Points
Adjacent	0.0	0.00	0.0	Exterior Wood				21 0	12.:	30	_	258.3
Exterior	21 0	12.30	258.3							-		
Base Total:	21.0		259.3	As-Built Total;				21.0				258.3
CEILING TYPE	S Area X	BWPM	≃ Points	Туре	R-	Value	Ar€	ea X Wi	PM X V	VCN	/l =	Points
Under Attic	2774.0	2.05	5686.7	Under Attic		3	0.0	2774.0 2.	05 X 1.0	0		5686.7
Base Total:	2774.0		5686.7	As-Built Total:			- 2	2774.0				5686.7
FLOOR TYPES	Area X	BWPM	= Points	Туре		R-V	'alue	Area	X WF	M	=	Points
Slab Raised	295.3(p) 0 0	8.9 0.00	2628.2 0.0	Slab-On-Grade Edge Insulation	)	(	0.0 2	95.3(p	18.8	0		5551.6
lase Total:			2628.2	As-Built Total:				295.3				5551.6
NFILTRATION	Area X	BWPM =	= Points					Area >	WP	М	= 1	Points
-	2774.0	-0.59	-1636.7					2774.0	-0.5	•		1636.7

FORM 600A-2004

EnergyGauge® 4.0

#### WINTER CALCULATIONS

#### Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Hunters Ridge, Plat: , Lake City, FL, PERMIT #:

BASE			AS-BUILT					
Winter Base	Points:	24627.6	Winter As-Built Points:	28418.5				
Total Winter X Points	System = Multiplier	Heating Points	Total X Cap X Duct X System X Credit = Component Ratio Multiplier Multiplier Multiplier (System - Points) (DM x DSM x AHU)	Heating Points				
24627.6	0.6274	15451.3	(sys 1: Electric Heat Pump 24600 btuh ,EFF(7.5) Ducts:Unc(S),Con(R),Inf(28418.5 0.459 (1.060 x 1.169 x 0.93) 0.455 1.000 (sys 2: Electric Heat Pump 29000 btuh ,EFF(8.0) Ducts:Unc(S),Con(R),Inf(28418.5 0.541 (1.060 x 1.169 x 0.93) 0.426 1.000 28418.5 1.00 1.152 0.439 1.000	6833.9				

FORM 600A-2004

EnergyGauge® 4.0

#### **WATER HEATING & CODE COMPLIANCE STATUS**

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Hunters Ridge, Plat: , Lake City, FL, PERMIT #:

BASE			AS-BUILT									
WATER HEAT Number of Bedrooms	TING X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	x	Tank X Ratio	Multiplier	X Credit =	: Total
3		2635.00		7905.0	40.0	0.92	3		1.00	2635.00	1.00	7905.0
					As-Built To	otal:	*					7906.0

CODE COMPLIANCE STATUS						
BASE	AS-BUILT					
• •	Total Cooling + Heating + Hot Water Points Points Points Points	= Total Points				
15823 15451 7905	39179 9627 14372 7905	31904				

PASS



# **Code Compliance Checklist**

# Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 16, Sub: Hunters Ridge, Plat: , 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 still plate; joints between exterior wall panels at comers; 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.	
	606 1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members.	
Floors	000 13 000 1.20	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 lop 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 compustion air.	

COMPONENTS	SECTION	SURES (must be met or exceeded by all residences.)  REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612, 1, ABC.3.2. Switch or clearly marked cir	
110(0) 11001010		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	
Swittilling Lone of Ohes	<b>7,2</b> ·	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	
•	610 1	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically	
Air Distribution Systems	010.1	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.	
		Ceilings-Min. R-19. Common walls-Frame R-11 or CBS R-3 both sides.	
Insulation	604 1, 602 1	Common ceiling & floors R-11.	

MULLED LUVU ITITUM

# **ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD**

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#### ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.7

The higher the score, the more efficient the home.

Baynard & Kathy Ward, Lot: 16. Sub: Hunters Ridge, Plat: Lake City, Fl

	a namy veare, Lot. 10, 5	oun. Hunters Klage, Plat: , Lake (	City, FL,
1 New construction or existing	New _	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Com 24 Al-Bruke
3. Number of units, if multi-family	1 _	_	Cap: 24.0 kBtu/hr
4 Number of Bedrooms	3	b. Central Unit	SEER: 13.00
5. Is this a worst case?	No _		Cap: 28.0 kBtu/hr
6. Conditioned floor area (ft²)	2774 ft²	c. N/A	SEER: 13.00
<ol> <li>Glass type 1 and area: (Label reqd.</li> </ol>	by 13-104.4.5 if not default)		·-
a. U-factor:	Description Area	13. Heating systems	_
(or Single or Double DEFAULT)	7a. (Dble Default) 324.8 ft2	a. Electric Heat Pump	C 24 (1/D) A
o. SHOC;			Cap: 24.6 kBtu/hr
(or Clear or Tint DEFAULT)	7b. (Clcar) 324.8 ft <sup>3</sup>	b. Electric Heat Pump	HSPF: 7.50
8. Floor types	,,	o a more real ratio	Cap: 29.0 kBtu/hr
a. Slab-On-Grade Edge Insulation	R=0.0, 295.3(p) ft	c. N/A	HSPF: 8.00
b. N/A			
c. N/A	_	14. Hot water systems	
<ol><li>Wall types</li></ol>	_	a. Electric Resistance	
a. Frame, Wood, Exterior	R=13.0, 2608.0 ft <sup>2</sup>	- Dissiling	Cap: 40.0 gallons
b. Frame, Wood, Adjacent	R=11.0, 466.7 ft <sup>2</sup>	b. N/A	EF: 0.92
c. <b>N/A</b>		2. 1418	
d. N/A	<del></del>	c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	_
<ol><li>Ceiling types</li></ol>	-	DHP-Dedicated heat pump)	
a Under Anic	R=30.0, 2774.0 ft2	15. HVAC credits	
b. N/A			. *
c. N/A	_	(CF-Ceiling fan, CV-Cross ventil	ation,
11. Ducts	-	HF-Whole house fan,	
a Sup: Unc. Ret: Con. AH: Interior	Sup. R≈6.0, 40.0 ft	PT-Programmable Thermostat,	
b. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 40.0 ft	MZ-C-Multizone cooling,	
		MZ-H-Multizone heating)	
I certify that this home has complied Construction through the above energing in this home before final inspection. I based on installed Code compliant fe	gy saving features which will Otherwise, a new FPI. Dient	I ha ineralled /	SIGNATURE STATE
Builder Signature:	Date	B:	
Address of New Home:	City/	/FL Zip:	
*NOTE: The home's estimated energy This is <u>not</u> a Building Energy Rating. your home may qualify for energy effi Contact the Energy Gauge Hotline at Information and a list of certified Rate	ciency morigage (EEM) ince 321/638-1492 or see the Fra	er (or 80 for a US EPA/DOE Energy) entives if you obtain a Florida Energ terms Government	Star Mdesignation),

 $T_i$ yo C 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.

Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4 EnergyGauge® (Version: FLRCSB v4.0)

	<b>Notice of Treatment</b>	12068
Applicator: Florida P	est Control & Chemical Co.	(www.flapest.com)
Address: 19/1 V	Phone 75	2/703
City	1/ 1/2/5	Poloe
Site Location: Subdiv	sion Permit #	20533
Address 350	5/1 Massy Cale	
Product used	Active Ingredient	
Premise	Imidacloprid	0.1%
☐ Termidor	Fipronil	0.12%
☐ Bora-Care	Disodium Octaborate Tetrah	ydrate 23.0%
Type treatment:  Area Treated  Due Hing	Square feet  Linear fee	et Gallons Applied
mite prevention is inal building appre		nall be completed pilot
s notice is for the	e final exterior treatment, initia	al this line
1/06		254
ite	Time Prin	t Techńician's Name
r - White	Permit File - Canary	Permit Holder - Pink



From: The Columbia County Building & Zoning Department

Plan Review

135 NE Hernando Av.

P.O. Box 1529

Lake City Florida 32056-1529

Reference to a building permit application Number: 0604-67 SLK Construction owners Baynard & Judy Ward

On the date of April 25, 2006 application 0604-67 and plans for construction of a single family dwelling were reviewed and the following information or alteration to the plans will be required to continue processing this application. If you should have any question please contact the above address, or contact phone number (386) 758-1163 or fax any information to (386) 754-7088.

# Please include application number 0604-67 when making reference to this application.

- Please make application with the Columbia County 911 addressing coordinator
   Mr. Ron Croft 758-1125 for a 911 address for this dwelling.
- Please submit a recorded (with the Columbia County Clerk Office) notice of commencement before any inspections can be preformed by the Columbia County Building Department.
- 3. Plans for a detached garage/pool house were submitted with this application for construction of a single family dwelling. Please submit the plans for the

- garage/pool house under a separate building permit application. Also submit a site plan which will detail the location of the structures which will be constructed upon lot 16 of Hunter's Ridge Subdivision.
- 4. Please show compliance with the FRC-2004 Sections R322.1.1
  All new single-family houses, duplexes, triplexes, condominiums and townhouses shall provide at least one bathroom, located with maximum possible privacy, where bathrooms are provided on habitable grade levels, with a door that has a 29-inch (737 mm) clear opening. However, if only a toilet room is provided at grade level, such toilet rooms shall have a clear opening of not less than 29 inches (737 mm).
- The Windload analysis by Bailey Bishop & Lane Inc. was preformed using the 2001 Florida Building Code, please have this firm prepare and resubmit the Windload analysis to comply with the Florida Building Code 2004 sections 1609.
- 6. On the dwelling elevation drawing show the height of the chimney flue above the roof peak and the distance from the nearest roof line intersection. Also show on the foundation plan any additional foundation requirements to support this fireplace.
- 7. The truss manufacture has indicated that additional interior load bearing walls will be needed for the truss system, please have Bailey Bishop & Lane Inc. show on the foundation plans the design and location of these additional foundation.
- 8. On a truss layout plan please have the Please have the Windload engineer supply the following information, show all required connectors with uplift rating for each truss and required number and size of fasteners for continuous tie from the

- roof to foundation. These connection points shall be designed by an architect or engineer using the engineered roof truss plans.
- 9. Please show compliance with the FRC-2004 section R309.1 Opening protection: Openings from a private garage directly into a room used for sleeping purposes shall not be permitted. Other openings between the garage and residence shall be equipped with solid wood doors not less than 13/8 inches (35 mm) in thickness, solid or honeycomb core steel doors not less than 13/8 inches (35 mm) thick, or 20-minute fire-rated doors. Also show compliance with sections R309.2 Separation required: The garage shall be separated from the residence and its attic area by not less than ½-inch (12.7 mm) gypsum board applied to the garage side. Garages beneath habitable rooms shall be separated from all habitable rooms above by not less than 5/8-inch (15.9 mm) Type X gypsum board or equivalent. Where the separation is a floor-ceiling assembly, the structure supporting the separation shall also be protected by not less than ½inch (12.7 mm) gypsum board or equivalent.
- 10. On the electrical plan show the amperage rating and the location of the electrical service overcurrent protection device. This device shall be installed on the exterior of structures to serve as a disconnecting means. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground.

Joe Haltiwanger

Plan Examiner

Columbia County Building Department



From: The Columbia County Building & Zoning Department Plan Review 135 NE Hernando Av. P.O. Box 1529 Lake City Florida 32056-1529

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Joe Haltiwanger Plan Examiner

Columbia County Building Department



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# COLUMBIA COUNTY, FLORIDA

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 ment of Building and Zoning

accordance with the Columbia County Building Code.

Parcel Number 25-3S-15-00220-116 Building permit No. 000024533

**Permit Holder GUY WILLIAMS Use Classification SFD, UTILITY** Fire: Waste: 100.50 33.48

Owner of Building BAYNARD & JUDY WARD Total: 133.98

Location: 350 SW MOSSY OAK WAY(HUNTER RIDGE, LOT 16)

Date: 04/10/2007

**Building Inspector** 

POST IN A CONSPICUOUS PLACE (Business Places Only)