

DATE 10/21/2005

Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023749

APPLICANT BRYAN ZECHER PHONE 752-8653

ADDRESS P.O. BOX 815 LAKE CITY FL 32056

OWNER JOHN & ELAINE DUNN PHONE 752-8653

ADDRESS 871 SW HILL CREEK DRIVE LAKE CITY FL 32025

CONTRACTOR BRYAN ZECHER PHONE 752-8353

LOCATION OF PROPERTY 41S, TR ON TUSTENUGGEE, TL ON HILL CREEK DRIVE, GO PAST OAK HILL, 5TH LOT ON LEFT

TYPE DEVELOPMENT SFD,UTILITY ESTIMATED COST OF CONSTRUCTION 177250.00

HEATED FLOOR AREA 3545.00 TOTAL AREA 5183.00 HEIGHT .00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 8/12 FLOOR SLAB

LAND USE & ZONING A-3 MAX. HEIGHT 28

Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00

NO. EX.D.U. 0 FLOOD ZONE X PP DEVELOPMENT PERMIT NO.

PARCEL ID 05-5S-17-09116-115 SUBDIVISION HILLS AT ROSE CREEK

LOT 15 BLOCK PHASE UNIT TOTAL ACRES

000000856 CBC054575

Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor

CULVERT 05-0934-N BK JH Y

Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash 2506

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power date/app. by Foundation date/app. by Monolithic date/app. by

Under slab rough-in plumbing date/app. by Slab date/app. by Sheathing/Nailing date/app. by

Framing date/app. by Rough-in plumbing above slab and below wood floor date/app. by

Electrical rough-in date/app. by Heat & Air Duct date/app. by Peri. beam (Lintel) date/app. by

Permanent power date/app. by C.O. Final date/app. by Culvert date/app. by

M/H tie downs, blocking, electricity and plumbing date/app. by Pool date/app. by

Reconnection date/app. by Pump pole date/app. by Utility Pole date/app. by

M/H Pole date/app. by Travel Trailer date/app. by Re-roof date/app. by

BUILDING PERMIT FEE \$ 890.00 CERTIFICATION FEE \$ 25.91 SURCHARGE FEE \$ 25.91

MISC. FEES \$ .00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ .00 WASTE FEE \$

FLOOD DEVELOPMENT FEE \$ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 1041.82

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 Department  
Culvert Permit**

**Culvert Permit No.  
000000856**

DATE 10/21/2005 PARCEL ID # 05-5S-17-09116-115  
APPLICANT BRYAN ZECHER PHONE 752-8653  
ADDRESS P.O. BOX 815 LAKE CITY FL 32025  
OWNER JOHN & ELAINE DUNN PHONE 752-8653  
ADDRESS 871 SW HILL CREEK DRIVE LAKE CITY FL 32025  
CONTRACTOR BRYAN ZECHER PHONE 752-8653  
LOCATION OF PROPERTY 41S, TR ON TUSTENUGGEE, TL ON HILL CREEK DRIVE, GO PAST OAK HILL,  
5TH LOT ON LEFT  
SUBDIVISION/LOT/BLOCK/PHASE/UNIT HILLS AT ROSE CREEK 15  
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**





## Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0509-15 Date Received 9/2/05 By JW Permit # 856/23749  
 Application Approved by - Zoning Official BLK Date 29.09.05 Plans Examiner OS JTH Date 9-26-05  
 Flood Zone X-1 Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
 Comments -NOC. - Planned En. - 11/16/05 Plan:

Applicants Name Bryan Zecher Phone 752-8653  
 Address P.O. Box 815 Lake City, FL 32056  
 Owners Name John & Elaine Dunn Phone \_\_\_\_\_  
 911 Address 871 SW Hill Creek Dr. Lake City, FL 32025  
 Contractors Name Bryan Zecher Construction, Inc. Phone 752-8653  
 Address P.O. Box 815 Lake City, FL 32056  
 Fee Simple Owner Name & Address \_\_\_\_\_  
 Bonding Co. Name & Address \_\_\_\_\_  
 Architect/Engineer Name & Address Teen Ratto / Mark Disway  
 Mortgage Lenders Name & Address Satilla Comm. Bank / 6308 Highway 40E 57 MACY. GA. 3155  
 Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
 Property ID Number 05-55-17-09116-115 Estimated Cost of Construction \$414,000  
 Subdivision Name Hills at Rose Creek Lot 15 Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase 1  
 Driving Directions US 41 South to Tuscanugee - T/R to Hills at Rose Creek, T/L on Hill Creek Drive - @ end on left  
 Type of Construction Frame SFD Number of Existing Dwellings on Property 0  
 Total Acreage 5 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
 Actual Distance of Structure from Property Lines - Front 150 Side 190 Side \_\_\_\_\_ Rear 317  
 Total Building Height 28'6" Number of Stories 1 Heated Floor Area 3545 Roof Pitch 8/12  
Porches 601 GARAGE 1037 TOTAL 5183

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

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

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

Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

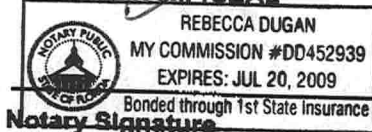
Sworn to (or affirmed) and subscribed before me

this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_.

Personally known \_\_\_\_\_ or Produced Identification \_\_\_\_\_

Contractor Signature  
Contractors License Number CB054575  
Competency Card Number \_\_\_\_\_

NOTARY STAMP/SEAL



Notary Signature

Tax Folio Number:

State of: **Florida**  
County of: **Columbia**

File Number: **05-520**

Inst: 2005020501 Date: 08/23/2005 Time: 14:48  
DK DC, P. DeWitt Cason, Columbia County B: 1055 P: 2745

## NOTICE OF COMMENCEMENT

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 28, Country Side Estates, a Subdivision, according to the Plat thereof, as recorded in Plat Book 8, Pages 1 and 2, of the Public Records of Columbia County, Florida.
2. General Description of Improvements: Singe Family Dwelling
3. Owner Information:
  - a. Name and Address: Eric J. Dunn and his wife, Elizabeth V. Dunn, 143 SW Cromwell Court, Lake City, FL 32024/5 70
  - b. Interest in property: Fee Simple
  - c. Names and address of fee simple title holder (if other than owner):
4. Contractor: Bryan Zecher Construction
5. Surety: N/A
6. Lender: First Federal Savings Bank of Florida, 4705 West U. S. Highway 90, Lake City, Florida 32055
7. Persons within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1) (a)7., Florida Statutes.
8. In addition to himself, Owner designates the following persons to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from date of recording unless a different date is specified): Augst 22, 2006.

Eric J. Dunn  
Eric J. Dunn

Elizabeth V. Dunn  
Elizabeth V. Dunn

Sworn to and subscribed before me August 22, 2005 by Eric J. Dunn and his wife, Elizabeth V. Dunn, who is personally known to me or who did provide driver's license as identification.

Gynda Skinner  
Notary Public  
My Commission Expires: \_\_\_\_\_





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

263 NW Lake City Ave. \* 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 ISSUED: August 10, 2005

ENHANCED 9-1-1 ADDRESS:

871 SW HILL CREEK DR (LAKE CITY, FL 32025)Addressed Location 911 Phone Number: NOT AVAIL.OCCUPANT NAME: NOT AVAIL.

OCCUPANT CURRENT MAILING ADDRESS: \_\_\_\_\_

PROPERTY APPRAISER PARCEL NUMBER: 05-5S-17-09116-115

Other Contact Phone Number (If any): \_\_\_\_\_

Building Permit Number (If known): \_\_\_\_\_

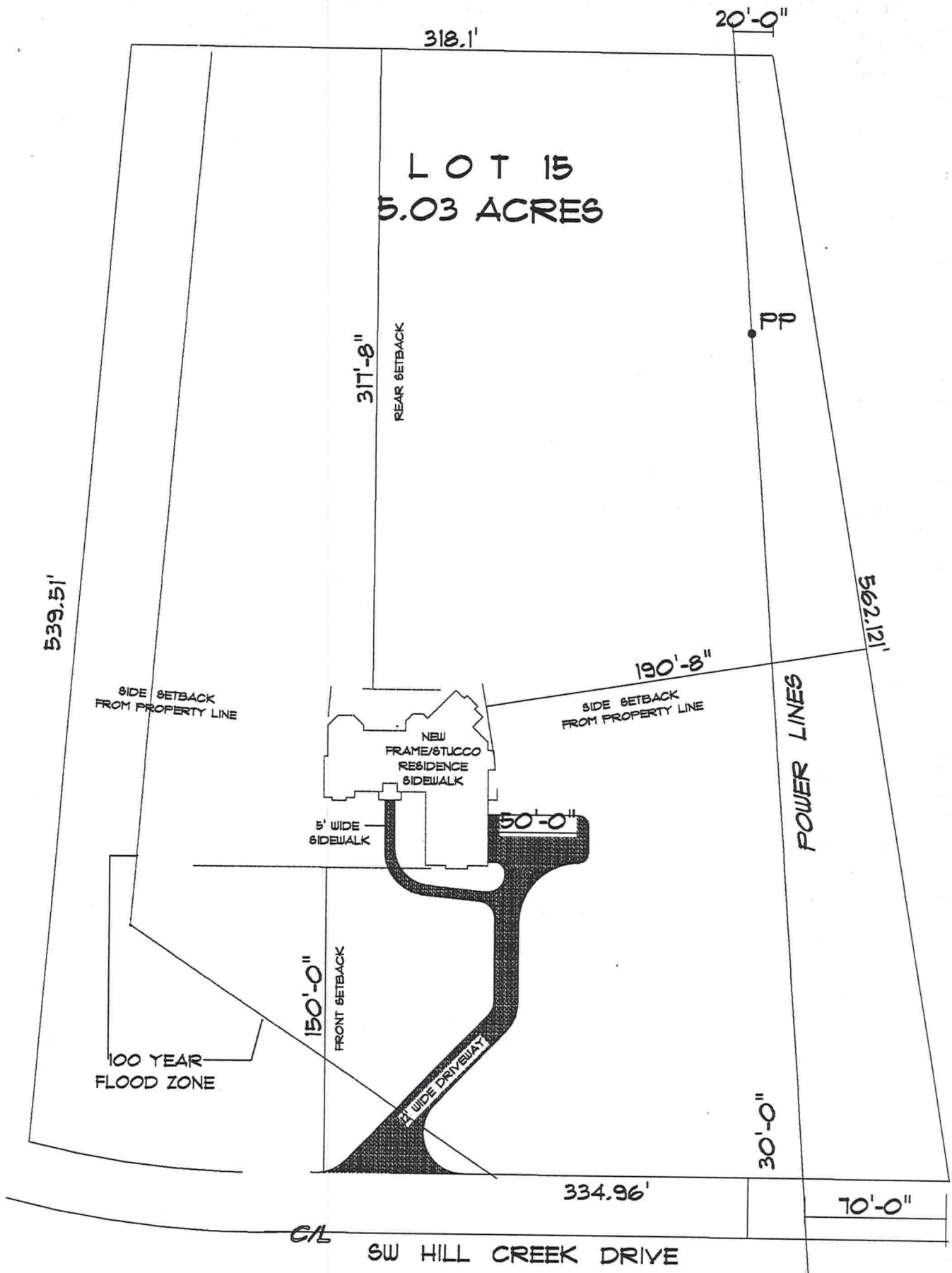
Remarks: LOT 15 HILLS AT ROSE CREEK S/D PHASE 1

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.**

COLUMBIA COUNTY  
9-1-1 ADDRESSING  
APPROVED



\* SITE PLAN \*

SCALE : 1" = 50'

# HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS

DONALD AND MARY HALL  
OWNERSPHONE (904) 752-1854  
FAX (904) 755-7022  
~~XXXXXXXXXXXXXXXXXXXX~~  
LAKE CITY, FLORIDA 32055  
904 NW Main Blvd.

June 12, 2002

## NOTICE TO ALL CONTRACTORS

Please be advised that due to the new building codes we will use a large capacity diaphragm tank on all new wells. This will insure a minimum of one (1) minute draw down or one (1) minute refill. If a smaller diaphragm 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



FLORIDA ENERGY EFFICIENCY CODE  
FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

Project Name:	508084ZecherBryanDunnJohn&Elaine	Builder:	
Address:		Permitting Office:	Columbia
City, State:	, FL	Permit Number:	23749
Owner:	Dunn John & Elaine	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: 81.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	3545 ft²	13. Heating systems	
7. Glass area & type	Single Pane Double Pane	a. Electric Heat Pump	Cap: 81.0 kBtu/hr
a. Clear glass, default U-factor	0.0 ft² 535.0 ft²		HSPF: 7.30
b. Default tint, default U-factor	0.0 ft² 0.0 ft²	b. N/A	
c. Labeled U-factor or SHGC	0.0 ft² 0.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 268.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. Raised Wood, Adjacent	R=19.0, 525.0ft²		EF: 0.89
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 4406.0 ft²	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 318.0 ft²	DHP-Dedicated heat pump)	
c. N/A		15. HVAC credits	
d. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
e. N/A		HF-Whole house fan,	
10. Ceiling types		PT-Programmable Thermostat,	
a. Under Attic	R=30.0, 3426.0 ft²	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 210.0 ft		
b. N/A			

Glass/Floor Area: 0.15

Total as-built points: 49025  
Total base points: 50951

PASS

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

PREPARED BY: Ben Sparks

DATE: 8/10/09

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

OWNER/AGENT:

DATE: 8/31/09

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: , , 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	3545.0	20.04	12787.5	Double, Clear	E	3.0	8.0	21.0	42.06	0.82	720.4			
				Double, Clear	SE	6.4	8.0	20.0	42.75	0.54	459.0			
				Double, Clear	S	20.0	8.0	42.0	35.87	0.44	660.0			
				Double, Clear	SE	14.0	2.0	4.0	42.75	0.38	64.9			
				Double, Clear	SE	14.0	8.0	20.0	42.75	0.41	352.6			
				Double, Clear	NE	99.0	8.0	25.7	29.56	0.44	334.3			
				Double, Clear	E	10.0	8.0	25.7	42.06	0.46	500.0			
				Double, Clear	SE	5.0	8.0	25.7	42.75	0.60	661.9			
				Double, Clear	E	4.0	8.0	20.0	42.06	0.73	610.3			
				Double, Clear	E	1.5	8.0	42.0	42.06	0.96	1691.6			
				Double, Clear	S	1.5	6.0	30.0	35.87	0.86	921.2			
				Double, Clear	SW	1.5	7.0	18.0	40.16	0.92	664.8			
				Double, Clear	SW	1.5	6.0	30.0	40.16	0.89	1066.3			
				Double, Clear	NW	0.0	0.0	49.0	25.97	1.00	1272.7			
				Double, Clear	NW	8.0	8.0	20.0	25.97	0.64	331.7			
				Double, Clear	NW	8.0	2.0	18.0	25.97	0.52	241.0			
				Double, Clear	NW	1.5	7.5	42.0	25.97	0.96	1042.6			
				Double, Clear	NW	1.5	5.0	24.0	25.97	0.89	557.8			
				Double, Clear	NE	1.5	7.0	28.0	29.56	0.94	781.2			
				Double, Clear	NE	0.0	0.0	30.0	29.56	1.00	886.7			
								As-Built Total:		535.0		13821.2		
				WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM	= Points		
				Adjacent	318.0	0.70	222.6	Frame, Wood, Exterior	13.0		4406.0	1.50	6609.0	
Exterior	4406.0	1.70	7490.2	Frame, Wood, Adjacent	13.0		318.0	0.60	190.8					
Base Total: 4724.0 7712.8				As-Built Total:		4724.0		6799.8						
DOOR TYPES Area X BSPM = Points				Type			Area X SPM	= Points						
Adjacent	20.0	2.40	48.0	Exterior Insulated			80.0	4.10	328.0					
Exterior	80.0	6.10	488.0	Adjacent Insulated			20.0	1.60	32.0					
Base Total: 100.0 536.0				As-Built Total:		100.0		360.0						
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM	= Points						
Under Attic	3020.0	1.73	5224.6	Under Attic	30.0		3426.0	1.73 X 1.00	5927.0					
Base Total: 3020.0 5224.6				As-Built Total:		3426.0		5927.0						



SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT				
FLOOR TYPES    Area X BSPM = Points				Type	R-Value	Area X SPM = Points		
Slab	268.0(p)	-37.0	-9916.0	Slab-On-Grade Edge Insulation	0.0	268.0(p)	-41.20	-11041.6
Raised	525.0	-3.99	-2094.8	Raised Wood, Adjacent	19.0	525.0	0.40	210.0
Base Total:			-12010.8	As-Built Total:		793.0	-10831.6	
INFILTRATION    Area X BSPM = Points				Area X SPM = Points				
			3545.0    10.21    36194.4					
				3545.0    10.21    36194.4				
Summer Base Points:			50444.6	Summer As-Built Points:			52270.8	
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
50444.6	0.4266		21519.7	52270.8	1.000	(1.090 x 1.147 x 0.91)	0.310	1.000 18451.6
				52270.8	1.00	1.138	0.310	1.000 18451.6

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , 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	3545.0	12.74	8129.4	Double, Clear	E	3.0	8.0	21.0	18.79	1.07	424.0			
				Double, Clear	SE	6.4	8.0	20.0	14.71	1.74	512.4			
				Double, Clear	S	20.0	8.0	42.0	13.30	3.61	2016.1			
				Double, Clear	SE	14.0	2.0	4.0	14.71	2.65	155.9			
				Double, Clear	SE	14.0	8.0	20.0	14.71	2.42	710.8			
				Double, Clear	NE	99.0	8.0	25.7	23.57	1.06	642.0			
				Double, Clear	E	10.0	8.0	25.7	18.79	1.35	650.1			
				Double, Clear	SE	5.0	8.0	25.7	14.71	1.53	576.8			
				Double, Clear	E	4.0	8.0	20.0	18.79	1.12	420.9			
				Double, Clear	E	1.5	8.0	42.0	18.79	1.02	805.0			
				Double, Clear	S	1.5	6.0	30.0	13.30	1.12	445.8			
				Double, Clear	SW	1.5	7.0	18.0	16.74	1.04	314.0			
				Double, Clear	SW	1.5	6.0	30.0	16.74	1.06	532.4			
				Double, Clear	NW	0.0	0.0	49.0	24.30	1.00	1190.5			
				Double, Clear	NW	8.0	8.0	20.0	24.30	1.02	498.0			
				Double, Clear	NW	8.0	2.0	18.0	24.30	1.04	453.1			
				Double, Clear	NW	1.5	7.5	42.0	24.30	1.00	1021.7			
				Double, Clear	NW	1.5	5.0	24.0	24.30	1.01	586.2			
				Double, Clear	NE	1.5	7.0	28.0	23.57	1.00	662.4			
				Double, Clear	NE	0.0	0.0	30.0	23.57	1.00	707.0			
				As-Built Total:								535.0	13325.1	
				WALL TYPES Area X BWPM = Points				Type R-Value Area X WPM = Points						
				Adjacent	318.0	3.60	1144.8	Frame, Wood, Exterior			13.0	4406.0	3.40	14980.4
Exterior	4406.0	3.70	16302.2	Frame, Wood, Adjacent			13.0	318.0	3.30	1049.4				
Base Total: 4724.0 17447.0				As-Built Total: 4724.0 16029.8										
DOOR TYPES Area X BWPM = Points				Type Area X WPM = Points										
Adjacent	20.0	11.50	230.0	Exterior Insulated				80.0	8.40	672.0				
Exterior	80.0	12.30	984.0	Adjacent Insulated				20.0	8.00	160.0				
Base Total: 100.0 1214.0				As-Built Total: 100.0 832.0										
CEILING TYPESArea X BWPM = Points				Type R-Value Area X WPM X WCM = Points										
Under Attic	3020.0	2.05	6191.0	Under Attic			30.0	3426.0	2.05 X 1.00	7023.3				
Base Total: 3020.0 6191.0				As-Built Total: 3426.0 7023.3										



WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT				
FLOOR TYPES Area X BWPM = Points				Type	R-Value	Area X WPM = Points		
Slab	268.0(p)	8.9	2385.2	Slab-On-Grade Edge Insulation	0.0	268.0(p)	18.80	5038.4
Raised	525.0	0.96	504.0	Raised Wood, Adjacent	19.0	525.0	2.20	1155.0
Base Total:			2889.2	As-Built Total:			793.0	6193.4
INFILTRATION Area X BWPM = Points				Area X WPM = Points				
			3545.0 -0.59 -2091.5					
Winter Base Points:			33779.0	Winter As-Built Points:				
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)				
33779.0	0.6274		21193.0	41312.0	1.000	(1.069 x 1.169 x 0.93)	0.467	1.000 22427.6
				41312.0	1.00	1.162	0.467	1.000 22427.6

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

ADDRESS: , , FL,

PERMIT #:

BASE					AS-BUILT						
WATER HEATING											
Number of Bedrooms	X	Multiplier	=	Total	Tank Volume	EF	Number of Bedrooms	X	Tank X Ratio	Multiplier X Credit Multiplier	= Total
3		2746.00		8238.0	40.0	0.89	3		1.00	2715.15	1.00 8145.4
As-Built Total:											8145.4

CODE COMPLIANCE STATUS											
BASE						AS-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	= Total Points
21520		21193		8238	50951	18452		22428		8145	49025

PASS





Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: , , 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\* = 83.3

The higher the score, the more efficient the home.

Dunn John & Elaine, , , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 81.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 11.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	3545 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear glass, default U-factor	0.0 ft <sup>2</sup> 535.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 81.0 kBtu/hr
b. Default tint, default U-factor	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 7.30
c. Labeled U-factor or SHGC	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	b. N/A	
8. Floor types		c. N/A	
a. Slab-On-Grade Edge Insulation	R=0.0, 268.0(p) ft		
b. Raised Wood, Adjacent	R=19.0, 525.0ft <sup>2</sup>	14. Hot water systems	
c. N/A		a. Electric Resistance	Cap: 40.0 gallons
9. Wall types			EF: 0.89
a. Frame, Wood, Exterior	R=13.0, 4406.0 ft <sup>2</sup>	b. N/A	
b. Frame, Wood, Adjacent	R=13.0, 318.0 ft <sup>2</sup>		
c. N/A		c. Conservation credits	
d. N/A		(HR-Heat recovery, Solar	
e. N/A		DHP-Dedicated heat pump)	
10. Ceiling types		15. HVAC credits	
a. Under Attic	R=30.0, 3426.0 ft <sup>2</sup>	(CF-Ceiling fan, CV-Cross ventilation,	
b. N/A		HF-Whole house fan,	
c. N/A		PT-Programmable Thermostat,	
11. Ducts		MZ-C-Multizone cooling,	
a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 210.0 ft	MZ-H-Multizone heating)	
b. N/A			

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

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

Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_

City/FL Zip: \_\_\_\_\_



\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at [www.fsec.ucf.edu](http://www.fsec.ucf.edu) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs. Energy Gauge Version: FLR2PB v3.4)



# COLUMBIA COUNTY BUILDING DEPARTMENT

## RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2001 ONE (1) AND TWO (2) FAMILY DWELLINGS ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE MARCH 1, 2002

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

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

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

APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

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

Applicant Plans Examiner

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

☒ ☒

All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans. Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.

#### Site Plan including:

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

#### Wind-load Engineering Summary, calculations and any details required

- a) Plans or specifications must state compliance with FBC Section 1606
- b) The following information must be shown as per section 1606.1.7 FBC
  - a. Basic wind speed (MPH)
  - b. Wind importance factor (I) and building category
  - c. Wind exposure - if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated
  - d. The applicable internal pressure coefficient
  - e. Components and Cladding. The design wind pressure in terms of psf (kN/m<sup>2</sup>), to be used for the design of exterior component and cladding materials not specifiably designed by the registered design professional

#### Elevations including:

- a) All sides
- b) Roof pitch
- c) Overhang dimensions and detail with attic ventilation
- d) Location, size and height above roof of chimneys
- e) Location and size of skylights
- f) Building height
- e) Number of stories

+ Bonus Room

- N/A

- a) Masonry wall
  1. All materials making up wall
  2. Block size and mortar type with size and spacing of reinforcement
  3. Lintel, tie-beam sizes and reinforcement
  4. Gable ends with rake beams showing reinforcement or gable truss and wall bracing details
  5. All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation
  6. Roof assembly shown here or on roof system detail (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)
  7. Fire resistant construction (if required)
  8. Fireproofing requirements
  9. Shoe type of termite treatment (termiticide or alternative method)
  10. Slab on grade
    - a. Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)
    - b. Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports
  11. Indicate where pressure treated wood will be placed
  12. Provide insulation R value for the following:
    - a. Attic space
    - b. Exterior wall cavity
    - c. Crawl space (if applicable)



- 

- [illegible]

**Floor Framing System:**

- ### Plumbing Fixture layout

a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified

- ### HVAC information

- Energy Calculations** (dimensions shall match plans)

**Disclosure Statement for Owner Builders**  
**Notice Of Completion**

### Private Potable Water

- $$-1\frac{1}{2} \text{ hrs}$$



**THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS**

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

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

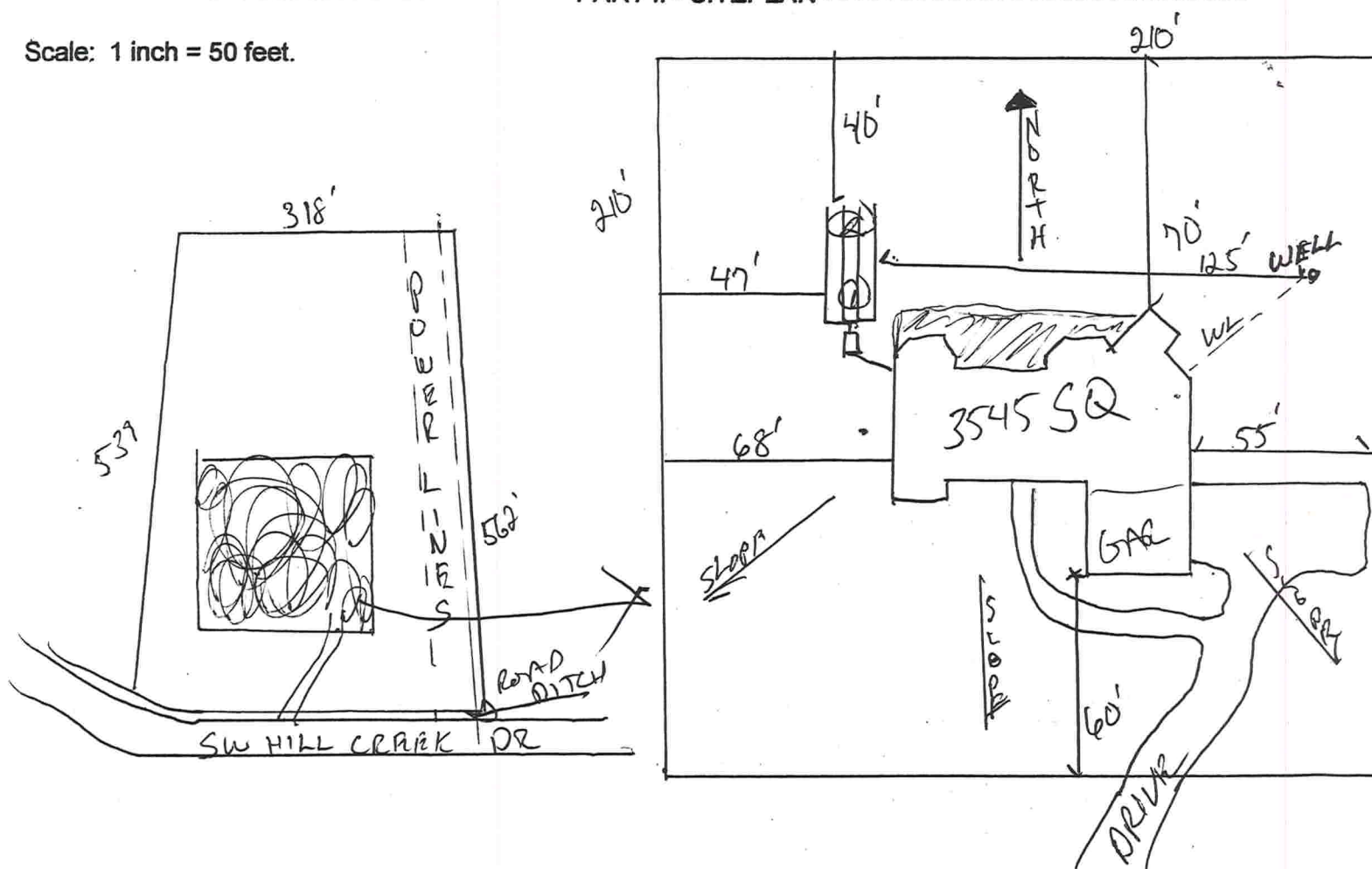
# APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Dunn, John

Permit Application Number 05-0934N

## PART II - SITEPLAN

**Scale: 1 inch = 50 feet.**



**Notes:**

1025 Acres

**Site Plan submitted by:**

### Plan Approved

By

**Not Approved**

**MASTER CONTRACTOR**

Date 9-13-05

**County Health Department**

**ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT**



# COLUMBIA COUNTY OFFICE OF BUILDING & ZONING

## 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 05-5S-17-09116-115

Building permit No. 000023749

Use Classification SFD, UTILITY

Fire: 5.92

Permit Holder BRYAN ZECHER

Waste: 12.25

Owner of Building JOHN & ELAINE DUNN

Total: 18.17

Location: 871 SW HILL CREEK DRIVE, LAKE CITY, FL

Date: 09/19/2006

*Harry Dickel*

Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)



## Notice of Treatment

11825

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

Address: 3454 Ave

City: CC

Phone: 752-1703

Site Location: Subdivision Hills @ Rose Creek

Lot # 15 Block# 23145

Address 8715w Hill Creek Dr

Permit # 23145

### Product used

☐ Premise

Imidacloprid

0.1%

☐ Termidor

Fipronil

0.12%

☐ Bora-Care

Disodium Octaborate Tetrahydrate

23.0%

### Type treatment:

☐ Soil

☐ Wood

Area Treated

Square feet

Linear feet

Gallons Applied

Dwelling

3183

1585

8

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

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

2-22-06

0830

1254

Date

Time

Print Technician's Name

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

Applicator - White

Permit File - Canary

Permit Holder - Pink

10/05

©