### Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0605.07 Date Received 5206 By 9 Permit # 1059/24573
Application Approved by - Zoning Official Beck Date 09.05.6 Plans Examiner 05 71H Date 5-11-06
Flood Zone $\underline{\times}$ Development Permit $\underline{N/A}$ Zoning $\underline{A-3}$ Land Use Plan Map Category $\underline{A-3}$
Commente Specil Fanily Lot Parmit BROTHER
- NOC -
FAX 752-1251
Applicants Name NATHAN PETERSON Phone 386-623-3307
Address 197 SW WATERFORD GT LAKE (ITY FL 32029
Owners Name <u>GABRIEL CURRY</u> Phone <u>386 - 397 - 4900</u>
911 Address 276 SW Holly Glen, Lake City, FL 32024
Contractors Name PETERZSEN CONSTRUCTION FAX Phone 396-719-6497
Address 197 SW WATERFORD OF LAKE (ITY FL 32025
Fee Simple Owner Name & Address <u>N/A</u>
Bonding Co. Name & AddressNA
Architect/Engineer Name & Address_MARK, Disosway
Mortgage Lenders Name & Address
Circle the correct power company – FL Power & Light – Clay Elec. – Suwannee Valley Elec. – Progressive Energy
Property ID Number 01-55 16 03390 -019 Estimated Cost of Construction 186.00
Subdivision Name NCH 01-55-16-03390-019 Lot Block Unit Phase
Driving Directions HW4 47 SOUTH TO WALTER, TURN LEGT, GO TO LITTLE, TURN
LEFT. GO 1/2 MILE TO BRICK ENTRY DRIVEWAY ON RIGHT LOT IS SHOW
LEFT
Type of Construction NEW HOME Number of Existing Dwellings on Property O
Total Acreage 1.170 Lot Size Do you need a Culvert Permit or Culvert Waiver or Have an Existing Drive
Actual Distance of Structure from Property Lines - Front 35 Side 47-9 Side 47-9 Side 47-9 Rear 227-6
Total Building Height 25 Number of Stories Heated Floor Area 1450 1448 Porch 212 GARAGE 423 TOTAL 2083
10100 - 10107 + 080

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 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

2 day of May 2006. this \_

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

ber
noi
FTVI FR
ANDREW W 1 1 Lass MX COMMISSION # DD467386
EXPIRES: Aug. 30, 2009 Fields Notary Service.com



### STATE OF FLORIDA DEPARTMENT OF HEALTH

### APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT 6-044

Permit Application Number \_\_\_\_\_

PART II - SITE PLAN-





LISA 961-0104

24573

### **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:** 5/2/2006 DATE ISSUED: 5/2/2006

ENHANCED 9-1-1 ADDRESS:

276 SW HOLLY LAKE CITY FL 32024 PROPERTY APPRAISER PARCEL NUMBER:

01-5S-16-03390-019

Remarks:

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.

224

COLUMBIA COUNTY 9-1-1 ADDRESSING APPROVED

**GLN** 

### **Columbia County Building Department Culvert Permit**

# Culvert Permit No. 000001094

DATE 05/30	0/2006 PARCEL ID # 01-5S-1	6-03390-019		
APPLICANT	NATHAN PETERSEN	PHONE	386.623.3307	
ADDRESS	197 S WATERFORD CT	LAKE CITY	FL	32025
	BRIEL CURRY	PHONE	386.397.4900	
ADDRESS 2	26 SW STATE ROAD 47 SW Holly Glen	LAKE CITY	FL	32025
CONTRACTO	R NATHAN PETERSEN	PHONE	386.623.3307	·······
LOCATION OF	F PROPERTY 47-S TO WALTER RD,TL TO LITTI	LE,TL GO 1/2 MIL	TO BRICK ENTRY	
DRIVEWAY ON R	R,IT'S THE 4TH LOT ON L.			
				· · · · · · · · · · · · · · · · · · ·
SUBDIVISION/	LOT/BLOCK/PHASE/UNIT			
SIGNATURE -	1 That the			
	<b>INSTALLATION REQUIREMENTS</b>			
X	Culvert size will be 18 inches in diameter with driving surface. Both ends will be mitered 4 for thick reinforced concrete slab.			
	INSTALLATION NOTE: Turnouts will be red a) a majority of the current and existing driv b) the driveway to be served will be paved o Turnouts shall be concrete or paved a mini concrete or paved driveway, whichever is current and existing paved or concreted tur	eway turnouts and r formed with co mum of 12 feet greater. The wid	re paved, or; oncrete. wide or the width	
	Culvert installation shall conform to the approx	ved site plan star	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







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.

PREPARED BY AND RETURN TO:

TERRY MCDAVID POST OFFICE BOX 1328 LAKE CITY, PL 32056-1328

Property Appraiser's Identification Number Inst:2005021059 Date:00/30/2005 Time:08:26 Doc StampBeed : 133.00 DC,P.DeWitt Cason,Columbia County B:1056 P:1716

#### WARRANTY DEED

This Warranty Deed, made this day of August, 2005, BETWEEN MICHAEL J. STEWART AND EVE S. STEWART, Husband and Wife whose post office address is P.O. Box 3265, Lake City, Florida, 32056, grantors, and GABRIEL CURRY AND BETSY CURRY, Husband and Wife whose post office address is P.O. Box 215, Lake City, Florida 32056, grantees.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantors, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantors in hand paid by said grantees, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantees, and grantees' heirs and assigns forever, the following described land, situate, lying and

being in Columbia County, Florida, to-wit:

Commence at the SE corner of the NW 1/4. Section 1. Township 5 South, Range 16 East, Columbia County, Florida, and thence run North 01 degrees 41'37° East, along the East line of said NW 1/4, 596.70 feet; thence North 68 degrees 45'17" West, 836.54 feet to the Point of Beginning; thence Continue North 88 degrees 45'17" West, 142.47 feet; thence South 01 degrees 14'21° West, 356.69 feet; thence South 88 degrees 45'17" East 142.47 feet; thence North 01 degrees 14'21" East, 356.69 feet to the Point of Beginning.

Together with a non-exclusive perpetual easement for ingress and egress which shall at all time remain open and unobstructed over and across a strip of land lying 30 feet North of and 30 feet South of a line described as follows:

Commence at the SB Corner of NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and run N 01 degrees 41'37" East along the East line of said NW 1/4 596.70 feet; thence run North 88 degrees 45'17" West 9.11 feet to the West right of Way of SW Little Road and the Point of Beginning of said line; thence run North 88 degrees 45'17" West 969.90 feet to the Point of Termination of said line.

Grantor reserves a non-exclusive perpetual easement for ingress, egress and utilities over and across the North 30 feet of the property conveyed which shall at all times remain open and unobstructed and for utilities over and across the South 15 feet.

286-754-0103

VIIIU ISHUBO

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alignating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

RUULER of Wirms Minnens)

(Twood Name of Second Witness)

(SBAL)

MICHAEL J. STEWART

(SEAL) EVE S.

Inst:2005021059 Date:08/30/2005 Time:05:26 Doc Stamp-Deed : 133.00 \_\_\_\_\_DC,P.DeWitt Cason,Columbia County B:1056 P:1715

STATE OF COLUMBIA COUNTY OF FLORIDA

The foregoing instrument was acknowledged before me this 26 day of August, 2005, by MICHAEL J. STEWART AND EVE S. STEWART, Husband and Wife who is/are/personally known to me or who has/have produced to not provide the identification and who did not take an oath.

Ny Commission Expires:

Notary Public // / Printed, typed, or stamped name:

KARES M **STRICH** tary Publik

S.q



Print Date: 5/4/2006 (printed at scale and type A)

#### COLUMBIA COUNTY, FLORIDA LAND DEVELOPMENT REGULATION ADMINISTRATOR SPECIAL FAMILY LOT PERMIT APPLICATION

A special family lot permit may be issued by the Land Development Regulation Administrator on land zoned Agricultural or Environmentally Sensitive Area within these land development regulations, for the purpose of conveying a lot or parcel to an individual who is the parent, grandparent, sibling, child or adopted child or grandchild of the person who conveyed the parcel to said individual, not to exceed two (2) dwelling units per one (1) acre and the lot complies with all other conditions from permitting development as set forth in these land development regulations. This provision is intended to promote the perpetuation of the family homestead in rural areas by making it possible for family members to reside on lots, which exceed maximum density for such areas, provided that the lot complies with the following conditions for permitting:

- 1. The division of lots shall be by recorded separate deed and meet all other applicable land development regulations; and
- 2. The lot split or subdivision is for the establishment of a homestead of that relative and the lot so conveyed is at least one-half (1/2) acre in size and the remaining lot is at least one-half (1/2) acre in size; and
- 3. The family lot permit shall only be issued once for each relative of the parent tract owner. However, for purposes of this provision, if a lot is permitted under this provision to a daughter, for example, and was to be returned to the ownership of the owner of the parent tract, then the original use of this provision to provide the lot to the daughter shall not be counted as one of the one permitted per relative.
- 4. The lot complies with all other conditions for permitting and development as set forth in these land development regulations.

1.	Name of Recipient Relative (Applicant) GABRIEL + BETS7 CURRY
	Address P.O. Box QIS City LAKE CIM, F Zip Code 32056
	Phone (386) 397-4900
2.	Name of Title Holder(s) MIKE + EVE SPELMET
	Address P.O. Box 1208 City LACE C.M. FL Zip Code 32056
	Phone (386) 623.3708
3.	Recipient's Relationship to Title Holder <u>BOTHOK</u>
	4. Size of Property 1.17 ACRE
	5. Tax Parcel 10# 01- 55 -16-03390-019 (Attach a Copy of the Deed)
	No permit will be issued unless the deed is properly recorded in the Clerk of the Courts Office. I (we) hereby certify that all of the above statements and the statements contained in any papers or plans submitted herewith are true and correct to the best of my (our) knowledge and belief.
	Applicants Name (Print or Type) GABRIEL CURRY
	05-09-06
	Applicant Signature Date
	OFFICIAL USE
	Current Land Use Classification Current Zoning District
	ApprovedDenial = Reason

h.4

May us up up up and a series could

PREPARED BY AND RETURN TO:

TERRY MCDAVID FOST OFFICE ROX 1328 LAKE CITY, FL 32056-1328

Property Appraiser's Identification Number

#### WARRANTY DEEL

This Warrenty Deed, made this deviday of August, 2005, BETWEEN MICHAEL J. STEWART AND EVE S. STEWART, Husband and Wife whose post office address is P.O. Box 3265, Lake City, Florida, 32056, grantors, and GABRIEL CURRY AND BETSY CURRY, Husband and Wife whose post office address is P.O. Box 215, Lake City, Florida 32056, grantees.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said granters, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantors in hand paid by said grantees, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantees, and grantees' heirs and assigns forever, the following described land, situate, lying and being in Columbia County, Florida, to-wit:

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and thence run North 01 degrees 41'37" East, along the East line of said NW 1/4, 596.70 feet; thence North 88 degrees 45'17" West, 836.54 feet to the Foint of Beginning; thence Continue North 88 degrees 45'17" West, 142.47 feet; thence South 01 degrees 14'21" West, 356.69 feet; thence South 88 degrees 45'17" East 142.47 feet; thence Morth 01 degrees 14'21" East, 356.69 feet to the Foint of Beginning.

Together with a non-exclusive perpetual easement for ingress and egrees which shall at all time remain open and unobstructed over and across a strip of land lying 30 feet North of and 30 feet South of a line described as follows:

Commence at the SE Corner of NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Plorida, and run N 01 degrees 41'37" East along the East line of said NW 1/4 596.70 feet; thence run North B8 degrees 45'17" West 9.11 feet to the West right of way of SW Little Road and the Point of Beginning of said line; thence run North 88 degrees 45'17" West 969.90 feet to the Point of Termination of said line.

Grantor reserves a non-exclusive perpetual easement for ingress, egress and utilities over and across the Morth 30 feet of the property conveyed which shall at all times remain open and unobstructed and for utilities over and across the South 15 feet.

2010-197-985	
010-491-985	

۶d ۲d 4/0.50 90 60 (MISA

Gabriel Curry

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed: and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

DZUUUER

Michel D. Ster (SEAL)

(SEAL)

MICHAEL J. STEWART

STEWART

SVE S.

(Typed Name of Finst Witness)

(Typed Name of Second Witness)

STATE OF COLUMBIA COUNTY OF FLORIDA

The foregoing instrument was acknowledged before me this Low day of August, 2005, by MICHAEL J. STEWART AND EVE S. STEWART, Husband and Wife who is are personally known to me or who has have produced by the produce of the personal state of

My Commission Expires:

Notary Public

Printed, typed, or stamped name:



Gebriel Curry

92.11 90 90 46W

2°C 20+0103 286-524-0103 2°C

Auno leugeo

### **Columbia County Property**

### 2006 Proposed Values

Appraiser DB Last Updated, 5/5/2006 Parcel: 01-5S-16-03390-019

Procerty Card Interactive GIS Map Print Tax Record

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

Owner's Name	CURRY GABRIEL & BETSY
Site Address	
Mailing Address	P O BOX 215 LAKE CITY, FL 32056
Description	COMM AT SE COR OF NW1/4, RUN N 596.70 FT, W 836.54 FT FOR POB CONT W 142 47 FT, S 356.69 FT, E 142.47 FT, N 356.69 FT TO POB. ORB 1056- 1714

Search Result: 1 of 4 Nex						
Use Desc. (code) NO AG ACRE (009905)						
Neighborhood	1516.00					
Tax District	3					
UD Codes	MKTADI					
Market Area	01					
Total Land Area	1.170 ACRES					

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

Mkt Land Value	Contract (1)	\$23,400.00	Just Value	\$23,400.0
		\$0.00	Class Value	\$0.0
	cnt: (0)			
<b>Building Value</b>	cnt; (0)	\$0.00	Assessed Value	\$23,400.00
XFOB Value	cnt: (0)	\$0.00	Exempt Value	\$0.0
Fotal			- I manufacture and the second s	4.0.0
Appraised Value		\$23,400.00	Total Taxable Value	\$23,400.0

#### Sales History

Sale Date	Book/Page	Inst. Type	Sale Vimp	Sale Qual	Sale RCode	Sale Price			
8/26/2005	1055/1714	WD	V	U	06	\$19,000.00			
1									

#### **Building Characteristics**

Bidg Item	Bidg Desc	Year Bit	Ext. Walls	Heated S.F.	Actual S.F.	Bidg Value
			NONE			

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

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

#### Land Breakdown

٩.

q'd

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
009900	AC NON-AG (MKT)	1 170 AC	1.00/1.00/1.00/1.00	\$20,000.00	\$23,400.00

Columbia County Property Appraiser

1 of 4

DB Last Updated: 5/5/2006

Next >>

### Disclaimer

http://appraiser.columbiaccuntyfla.com/GIS/D\_SearchResults.asp

Gabriel Curry

This information was derived from data which was compiled by the Columbia County Property Appraiser's Office solely for the government purpose of property assessment. The information shown is a work in progress and 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 finalizec for ad-valorem assessment purposes.

Scroll to Top This site is Grizzly powered: Grizzly Logic, Inc & Copyright 2001

Web Site Copyright @ 2000 Columbia County, All rights reserved.

286-164-0103

480,80 30 60 VBM

### 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 yalve 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

 $t_{T^{(n)}}$ 

### FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: Address: City, State: Owner: Climate Zone:	Gabriel Curry Lot: 7a, Sub: , Plat: , FL 32025- Spec House North		Builder: Permitting Office Permit Number: Jurisdiction Num	24573
1. New constructio	n or existing	New	12. Cooling systems	
2. Single family or	multi-family	Single family	a. Central Unit	Cap: 29.0 kBtu/hr
3. Number of units	, if multi-family	1		SEER: 11.00
4. Number of Bedr	ooms	3	b. N/A	
5. Is this a worst ca	ise?	No		
6. Conditioned floo	or area (ft <sup>2</sup> )	1448 ft <sup>2</sup>	c. N/A	
7. Glass type <sup>1</sup> and	area: (Label reqd. by 13-104.4.5	5 if not default)		
a. U-factor:	Descrip	otion Area	13. Heating systems	
(or Single or Do b. SHGC:	ouble DEFAULT) 7a. (Dble De		a. Electric Heat Pump	Cap: 29.0 kBtu/hr HSPF: 6.80
(or Clear or Ti	nt DEFAULT) 7b. ((	lear) 163.3 ft <sup>2</sup>	b. N/A	—

(or Clear or Tint DEFAULT) 7	b. (Clear) $163.3 \text{ ft}^2$	b. N/A	
8. Floor types			
a. Slab-On-Grade Edge Insulation	R=0.0, 165.0(p) ft	c. N/A	_
b. N/A			
c. N/A		<ol><li>Hot water systems</li></ol>	
9. Wall types		a. Electric Resistance	Cap: 50.0 gallons
a. Frame, Wood, Exterior	R=13.0, 1000.0 ft <sup>2</sup>		EF: 0.90
b. Frame, Wood, Adjacent	R=13.0, 180.0 ft <sup>2</sup>	b. N/A	
c. N/A			
d. N/A		c. Conservation credits	
e. N/A		(HR-Heat recovery, Solar	
10. Ceiling types		DHP-Dedicated heat pump)	
a. Under Attic	R=30.0, 1448.0 ft <sup>2</sup>	15. HVAC credits	
b. N/A		(CF-Ceiling fan, CV-Cross ventilation,	
c. N/A		HF-Whole house fan,	
11. Ducts		PT-Programmable Thermostat,	
a. Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 35.0 ft	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
		1	

Glass/Floor Area: 0.11

Total as-built points: 22863 Total base points: 22989

PASS

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

PREPARED BY: Wi 4/5/06 DATE:

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

OWNER/AGENT:	
DATE:	

Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes.

BUILDING OFFICIAL:



DATE:

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

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

ADDRESS: Lot: 7a, Sub: , Plat: , , FL, 32025-

BASE					AS-	BUI	LT					
GLASS TYPES .18 X Conditione Floor Area		PM = F	Points	Type/SC		erhang Len	Hgt	Area X	SPM	X S	OF =	- Points
.18 1448.0	2	0.04	5223.2	Double, Clear	W	13.5	8.0	40.0	38.52		.43	657.8
				Double, Clear	W	1.5	8.0	60.0	38.52		.96	2214.6
				Double, Clear	W	1.5	8.0	4.0	38.52		.96	147.6
				Double, Clear	E	9.5	8.0	13.3	42.06		.47	263.5
				Double, Clear	E	5.5	8.0	15.0	42.06		.62	391.2
				Double, Clear	E	1.5	8.0	15.0	42.06		.96	604.2
				Double, Clear	S	1.5	8.0	4.0	35.87		.92	132.5 397.4
				Double, Clear	S	1.5	8.0	12.0	35.87	/ U	.92	397.4
				As-Built Total:	_			163.3				4808.7
WALL TYPES	Area X	BSPM	= Points	Туре		R-	-Value	e Area	х	SPM	=	Points
Adjacent	180.0	0.70	126.0	Frame, Wood, Exterior			13.0	1000.0		1.50		1500.0
	1000.0	1.70	1700.0	Frame, Wood, Adjacent			13.0	180.0		0.60		108.0
Base Total:	1180.0		1826.0	As-Built Total:				1180.0				1608.0
DOOR TYPES	Area X	BSPM	= Points	Туре				Area	ъХ	SPM	=	Points
Adjacent	18.6	1.60	29.7	Exterior Insulated				20.0		4.10		82.0
Exterior	20.0	4.10	82.0	Adjacent Insulated				18.6		1.60		29.7
Base Total:	38.6		111.7	As-Built Total:				38.6				111.7
CEILING TYPES	Area X	BSPM	= Points	Туре		R-Val	ue	Area X	SPM	X SC	/I =	Points
Under Attic	1448.0	1.73	2505.0	Under Attic			30.0	1448.0	1.73 X	1.00		2505.0
Base Total:	1448.0		2505.0	As-Built Total:				1448.0				2505.0
FLOOR TYPES	Area X	BSPM	= Points	Туре		R	-Valu	e Area	аX	SPM	=	Points
Slab 10 Raised	65.0(p) 0.0	-37.0 0.00	-6105.0 0.0	Slab-On-Grade Edge Insulat	ion		0.0	165.0(p		41.20		-6798.0
Base Total:			-6105.0	As-Built Total:				165.0				-6798.0
INFILTRATION	Area X	BSPM	= Points					Area	аХ	SPM	=	Points
	1448.0	10.21	14784.1					1448	.0	10.21		14784.1

### SUMMER CALCULATIONS

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

ADDRESS: Lot: 7a, Sub: , Plat: , , FL, 32025-

	BASE		AS-BUILT						
Summer Ba	se Points: 1	8345.0	Summer As-Built Points: 17019.5						
Total Summer Points	X System = Multiplier	= Cooling Points	TotalXCapXDuctXSystemXCredit=CoolingComponentRatioMultiplierMultiplierMultiplierMultiplierPoints(System - Points)(DM x DSM x AHU)						
18345.0	0.4266	7826.0	(sys 1: Central Unit 29000 btuh ,SEER/EFF(11.0) Ducts:Unc(S),Unc(R),Gar(AH),R6.0(INS)           17020         1.00         (1.09 x 1.147 x 1.00)         0.310         1.000         6602.1           17019.5         1.00         1.250         0.310         1.000         6602.1						

### **WINTER CALCULATIONS** Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7a, Sub: , Plat: , , FL, 32025-

BASE					AS-	BUI	LT					
GLASS TYPES .18 X Condition Floor Are		VPM =	Points	Type/SC		erhang Len		Area X	WP	м х	WOF	<sup>-</sup> = Points
.18 1448.0	)	12.74	3320.6	Double, Clear	W	13.5	8.0	40.0	20.7	73	1.21	1006.9
				Double, Clear	W	1.5	8.0	60.0	20.7	73	1.01	1257.5
				Double, Clear	W	1.5	8.0	4.0	20.1	73	1.01	83.8
				Double, Clear	E	9.5	8.0	13.3	18.	79	1.34	334.2
				Double, Clear	Ε	5.5	8.0	15.0	18.	79	1.19	335.3
				Double, Clear	Е	1.5	8.0	15.0	18.	79	1.02	287.5
				Double, Clear	S	1.5	8.0	4.0	13.3		1.04	55.4
				Double, Clear	S	1.5	8.0	12.0	13.3	30	1.04	166.1
				As-Built Total:				163.3				3526.7
WALL TYPES	Area X	BWPM	= Points	Туре		R	-Value	Area	х	WPN	/1 =	Points
Adjacent	180.0	3.60	648.0	Frame, Wood, Exterior			13.0	1000.0		3.40		3400.0
Exterior	1000.0	3.70	3700.0	Frame, Wood, Adjacent			13.0	180.0		3.30		594.0
Base Totai:	1180.0		4348.0	As-Built Total:				1180.0				3994.0
DOOR TYPES	Area X	BWPM	= Points	Туре				Area	х	WPN	/1 =	Points
Adjacent	18.6	8.00	148.5	Exterior Insulated				20.0		8.40		168.0
Exterior	20.0	8.40	168.0	Adjacent Insulated				18.6		8.00		148.5
Base Total:	38.6		316.5	As-Built Total:				38.6				316.5
CEILING TYPES	Area X	BWPM	= Points	Туре	F	R-Value	ə Ar	ea X W	/PM	X WO	CM =	Points
Under Attic	1448.0	2.05	2968.4	Under Attic			30.0	1448.0	2.05	X 1.00		2968.4
Base Total:	1448.0		2968.4	As-Built Total:				1448.0				2968.4
FLOOR TYPES	Area X	BWPM	= Points	Туре		R	-Value	e Area	ıХ	WPN	/ =	Points
Slab 1 Raised	65.0(p) 0.0	8.9 0.00	1468.5 0.0	Slab-On-Grade Edge Insulatio	on		0.0	165.0(p		18.80		3102.0
Base Total:			1468.5	As-Built Total:				165.0				3102.0
INFILTRATION	Area X	BWPM	= Points					Area	х	WP	/ =	Points
	1448.0	-0.59	-854.3					1448.	0	-0.5	Э	-854.3

### WINTER CALCULATIONS

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

ADDRESS: Lot: 7a, Sub: , Plat: , , FL, 32025-

	BASE		AS-BUILT					
Winter Base	Points:	11567.6	Winter As-Built Points: 13053.3					
Total Winter X Points	System = Multiplier	Heating Points	TotalXCapXDuctXSystemXCredit=HeatingComponentRatioMultiplierMultiplierMultiplierMultiplierPoints(System - Points)(DM x DSM x AHU)					
11567.6	0.6274	7257.5	(sys 1: Electric Heat Pump 29000 btuh ,EFF(6.8) Ducts:Unc(S),Unc(R),Gar(AH),R6.0         13053.3       1.000       (1.069 x 1.169 x 1.00)       0.501       1.000       8180.1         13053.3       1.00       1.250       0.501       1.000       8180.1					

## WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Lot: 7a, Sub: , Plat: , , FL, 32025-

AS-BUILT						
Tank EF Number of X Tank X Multiplier X Credit = Total Volume Bedrooms Ratio Multiplier						
50.0         0.90         3         1.00         2693.56         1.00         8080.7           As-Built Total:         8080.7						

	CODE COMPLIANCE STATUS												
BASE							AS	-BUILT					
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points
7826		7258		7905		22989	6602		8180		8081		22863





### Code Compliance Checklist

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

- 1			
	ADDRESS: Lot: 7a, Sub: , Plat: ,	, FL, 32025-	PERMIT #:

### 6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	606.1.ABC.1.1	Maximum:.3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	606.1.ABC.1.2.1	Caulk, gasket, weatherstrip or seal between: windows/doors & frames, surrounding wall; foundation & wall sole or sill plate; joints between exterior wall panels at corners; utility penetrations; between wall panels & top/bottom plates; between walls and floor. EXCEPTION: Frame walls where a continuous infiltration barrier is installed that extends from, and is sealed to, the foundation to the top plate.	
Floors	606.1.ABC.1.2.2	Penetrations/openings >1/8" sealed unless backed by truss or joint members. EXCEPTION: Frame floors where a continuous infiltration barrier is installed that is sealed to the perimeter, penetrations and seams.	
Ceilings	606.1.ABC.1.2.3	Between walls & ceilings; penetrations of ceiling plane of top floor; around shafts, chases, soffits, chimneys, cabinets sealed to continuous air barrier; gaps in gyp board & top plate; attic access. EXCEPTION: Frame ceilings where a continuous infiltration barrier is installed that is sealed at the perimeter, at penetrations and seams.	
Recessed Lighting Fixtures	606.1.ABC.1.2.4	Type IC rated with no penetrations, sealed; or Type IC or non-IC rated, installed inside a sealed box with 1/2" clearance & 3" from insulation; or Type IC rated with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	606.1.ABC.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	606.1.ABC.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

#### 6A-22 OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 612.1.ABC.3.2. Switch or clearly marked cir	
		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\* = 83.2

The higher the score, the more efficient the home.

Spec House, Lot: 7a, Sub: , Plat: , , FL, 32025-

1.	New construction or existing	New	12. Cooling systems	
2.	Single family or multi-family	Single family	a. Central Unit	Cap: 29.0 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?	No		
6.	Conditioned floor area (ft <sup>2</sup> )	1448 ft <sup>2</sup>	c. N/A	
7.	Glass type <sup>1</sup> and area: (Label reqd.	by 13-104.4.5 if not default)		
a.	U-factor:	Description Area	13. Heating systems	
Ъ	(or Single or Double DEFAULT) SHGC:		a. Electric Heat Pump	Cap: 29.0 kBtu/hr HSPF: 6.80
	(or Clear or Tint DEFAULT)	7b. (Clear) 163.3 ft <sup>2</sup>	b. N/A	
8.	Floor types			
a.	Slab-On-Grade Edge Insulation	R=0.0, 165.0(p) ft	c. N/A	
b	. N/A	_		
C.	N/A	_	14. Hot water systems	
9.	Wall types		a. Electric Resistance	Cap: 50.0 gallons
a	Frame, Wood, Exterior	R=13.0, 1000.0 ft <sup>2</sup>		EF: 0.90
b	. Frame, Wood, Adjacent	R=13.0, 180.0 ft <sup>2</sup>	b. N/A	
C	N/A			_
d	. N/A		c. Conservation credits	
e	N/A	<u>1999</u>	(HR-Heat recovery, Solar	
10.	Ceiling types		DHP-Dedicated heat pump)	
a	Under Attic	R=30.0, 1448.0 ft <sup>2</sup>	15. HVAC credits	_
b	. N/A	100-100 100-100	(CF-Ceiling fan, CV-Cross ventilation,	
	. N/A		HF-Whole house fan,	
11.	Ducts		PT-Programmable Thermostat,	
	Sup: Unc. Ret: Unc. AH: Garage	Sup. R=6.0, 35.0 ft	MZ-C-Multizone cooling,	
b	. N/A		MZ-H-Multizone heating)	

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 for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs at 850/487-1824.

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

### New Construction Subterranean Termite Soil Treatment Record

form HUD-NPCA-99-B (04/2003)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is mandatory and is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when soil treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Operator and builder, unless stated otherwise.

			245	73	
Section 1: General Information (Treating Company Information)					
Company Name: <u>Aspen Peet Control, Inc.</u> Company Address: <u>S01 NW Colo Terraco</u>	Citv	Leto City Sta	te PL	Zip	323065
Company Business License No		Company Phone N			-8611
Section 2: Builder Information					
Company Name: Patarson Zongt		Company Phone №	lo		
Section 3: Property Information			1		
Location of Structure(s) Treated (Street Address or Legal Description,	City, State and Zip	) Littly K	d The	m:/-	Turn
Type of Construction (More than one box may be checked) Slab		ent Crawl	Other Type of Fill		0
Section 4: Treatment Information					
Date(s) of Treatment(s)       7-726-06         Brand Name of Product(s) Used       30-0-80-80-80         EPA Registration No.       644405-1         Approximate Final Mix Solution %       73.40         Approximate Size of Treatment Area: Sq. ft.       20.663         Approximate Total Gallons of Solution Applied       6         Was treatment completed on exterior?       Yes       No         Service Agreement Available?       Yes       No         Note: Some state laws require service agreements to be issued. This	Linear ft	eempt state law.	of Masonry '		
Attachments (List)					-
Comments					
Name of Applicator(s) 57-00-13rannan	Certification I	No. (if required by State	law)J	F10437	8
The applicator has used a product in accordance with the product label and st rederal regulations.	tate requirements.	All treatment materials a	nd methods u	sed comply	with state an
Authorized Signature		[	Date	- 25	.06
Warning: HUD will prosecute false claims and statements. Conviction may resul	It in criminal and/or c	ivil penalties, (18 U.S.C.	1001, 1010, 1	012: 31 U.S.	C. 3729. 3802

Form NPCA-99-B may still be used



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: 0605-07 Contractor Nathan Peterson Owner Gabriel Curry

On the date of May 4, 2006 application 0605-07 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.

### <u>Please include application number 0605-07 when making</u> reference to this application.

1. Please make application for a 911 address by contacting the Emergency

Management -911 Addressing Mr. Ronnie McCardel @ (386) 758-1125.

2. Please provide a copy of a signed released site plan from the Columbia County

Environmental Health Department which confirms approval of the waste water disposal system. RECID 5.5.06 (JW) PLACED IN BAG )

Family Relationship for Special Family Lot Permit

FAX Form 8-9-06

- 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.
- 4. The attic access opening (pull down ladder type attic egress door) in the garage ceiling shall have the same protection requirements of FRC-2004 C: 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 ½-inch (12.7 mm) gypsum board or equivalent. 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.

Thank you,

Halige

Joe Haltiwanger Plan Examiner Columbia County Building Department

### **RESIDENTIAL MINIMUM PLAN REQUIREMENTS AND CHECKLIST FOR FLORIDA BUILDING CODE 2004 and FLORIDA RESIDENTIAL CODE 2004** WITH AMENDMENTS ONE (1) AND TWO (2) FAMILY DWELLINGS

#### ALL REQUIREMENTS ARE SUBJECT TO CHANGE EFFECTIVE OCTOBER 1, 2005

ALL BUILDING PLANS MUST INDICATE THE FOLLOWING ITEMS AND INDICATE COMPLIANCE WITH CHAPTER 16 OF THE FLORIDA BUILDING CODE 2004 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 1609 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	REOUIREME	NTS: Two (2) complete sets of plans containing the following:
Applicant	Plans Examine	
D	0	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.
0	Ω	Designers name and signature on document (FBC 106.1). If licensed architect or engineer, official seal shall be affixed.
ŧ	0	<ul> <li>Site Plan including:</li> <li>a) Dimensions of lot</li> <li>b) Dimensions of building set backs</li> <li>c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements.</li> </ul>
6		<ul> <li>d) Provide a full legal description of property.</li> <li><u>Wind-load Engineering Summary, calculations and any details required</u></li> </ul>
		<ul> <li>Plans or specifications must state compliance with FBC Section 1609. The following information must be shown as per section 1603.1.4 FBC <ul> <li>a. Basic wind speed (3-second gust), miles per hour (km/hr).</li> <li>b. Wind importance factor, Iw, and building classification from Table 1604.5 or Table 6-1, ASCE 7 and building classification in Table 1-1, ASCE 7.</li> <li>c. Wind exposure, if more than one wind exposure is utilized, the wind exposure and applicable wind direction shall be indicated.</li> <li>d. The applicable enclosure classifications and, if designed with ASCE 7, internal pressure coefficient.</li> <li>e. Components and Cladding. The design wind pressures in terms of psf (kN/m<sup>2</sup>) to be used for the design of exterior component and cladding materials not specifally designed by the registered design professional.</li> </ul> </li> </ul>
10	0	Elevations including:
6		<ul> <li>a) All sides</li> <li>b) Roof pitch</li> <li>c) Overhang dimensions and datail with attic ventilation</li> </ul>
	L	c) Overhang dimensions and detail with attic ventilation

		<ul> <li>d) Location, size and height above roof of chimneys.</li> <li>e) Location and size of skylights</li> <li>f) Building height</li> <li>e) Number of stories</li> <li>Floor Plan including:</li> </ul>
		<ul><li>a) Rooms labeled and dimensioned.</li><li>b) Shear walls identified.</li><li>c) Show product approval specification as required by Fla. Statute 553.842 and</li></ul>
6		Fla. Administrative Code 9B-72 (see attach forms). d) Show safety glazing of glass, where required by code.
		<ul> <li>e) Identify egress windows in bedrooms, and size.</li> <li>f) Fireplace (gas vented), (gas non-vented) or wood burning with hearth, (Please circle applicable type).</li> </ul>
	0	<ul> <li>g) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails.</li> </ul>
4		h) Must show and identify accessibility requirements (accessible bathroom) Foundation Plan including:
CÍ -		a) Location of all load-bearing wall with required footings indicated as standard or monolithic and dimensions and reinforcing.
á	0	b) All posts and/or column footing including size and reinforcing
	0	c) Any special support required by soil analysis such as piling
	0	d) Location of any vertical steel.
6		Roof System: a) Truss package including:
L.		<ol> <li>Truss package including.</li> <li>Truss layout and truss details signed and sealed by Fl. Pro. Eng.</li> <li>Roof assembly (FBC 106.1.1.2 )Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li> </ol>
		<ul> <li>b) Conventional Framing Layout including: <ol> <li>Rafter size, species and spacing</li> <li>Attachment to wall and uplift</li> <li>Ridge beam sized and valley framing and support details</li> <li>Roof assembly (FBC 106.1.1.2)Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)</li> </ol> </li> <li>Wall Sections including:</li> </ul>
		a) Masonry wall
		<ol> <li>All materials making up wall</li> <li>Block size and mortar type with size and spacing of reinforcement</li> <li>Lintel, tie-beam sizes and reinforcement</li> <li>Gable ends with rake beams showing reinforcement or gable truss and wall bracing details</li> <li>All required connectors with uplift rating and required number and size of fasteners for continuous tie from roof to foundation shall be designed by a Windload engineer using the engineered roof truss plans.</li> <li>Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with resistance rating)</li> <li>Fire resistant construction (if required)</li> <li>Fireproofing requirements</li> <li>Shoe type of termite treatment (termiticide or alternative method)</li> <li>Slab on grade         <ul> <li>Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)</li> <li>Must show control joints, synthetic fiber reinforcement or Welded fire fabric reinforcement and supports</li> </ul> </li> </ol>
		<ol> <li>Indicate where pressure treated wood will be placed</li> <li>Provide insulation R value for the following:</li> </ol>
		2

a. Attic space

1. All materials making up wall

b) Wood frame wall

П

- b. Exterior wall cavity
- c. Crawl space (if applicable)
- 2. Size and species of studs 3. Sheathing size, type and nailing schedule 4. Headers sized 5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail 6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers) shall be designed by a Windload engineer using the engineered roof truss plans. 7. Roof assembly shown here or on roof system detail (FBC 106.1.1.2) Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating) 8. Fire resistant construction (if applicable) 9. Fireproofing requirements 10. Show type of termite treatment (termiticide or alternative method) 11. 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 wire fabric reinforcement and supports 12. Indicate where pressure treated wood will be placed 13. Provide insulation R value for the following: a. Attic space b. Exterior wall cavity Crawl space (if applicable) C. Π c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. **Engineer or Architect)** Floor Framing System: Π a) Floor truss package including layout and details, signed and sealed by Florida **Registered Professional Engineer** Π b) Floor joist size and spacing Ο П c) Girder size and spacing d) Attachment of joist to girder П e) Wind load requirements where applicable Π **Plumbing Fixture layout Electrical layout including:** a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified П b) Ceiling fans Π c) Smoke detectors d) Service panel and sub-panel size and location(s) e) Meter location with type of service entrance (overhead or underground) f) Appliances and HVAC equipment П g) Arc Fault Circuits (AFCI) in bedrooms h) Exhaust fans in bathroom **HVAC** information Ο a) Energy Calculations (dimensions shall match plans) Ο b) Manual J sizing equipment or equivalent computation Π c)Gas System Type (LP or Natural) Location and BTU demand of equipment **Disclosure Statement for Owner Builders** \*\*\*Notice Of Commencement Required Before Any Inspections Will Be Done

**Private Potable Water** 

3

### 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 (Toilet facilities shall be provided for construction workers)
- 4. <u>City Approval:</u> 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. (386) 497-2321
- 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 \$50.00

- 6. Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial. If the project is to be located on a F.D.O.T. maintained road, than an F.D.O.T. access permit is required.
- 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) 752-8787

### **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

Location:

### Project Name:\_

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

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

لظ ا	ador Mannearador & fentre la	Manutacurer 1	rivuusi Desemption	Approval Number(s)
	13. Liquid Applied Roof Sys		······································	
	14. Cements-Adhesives -			
	Coatings			
	15. Roof Tile Adhesive			
	16. Spray Applied			
	Polyurethane Roof			
	17. Other			
E.	SHUTTERS			
	1. Accordion			
	2. Bahama			
	3. Storm Panels		A	
	4. Colonial			
	5. Roll-up			
	6. Equipment			
	7. Others			
F.	SKYLIGHTS			
	1. Skylight			
	2. Other			
G.	STRUCTURAL			
	COMPONENTS			
	1. Wood connector/anchor			
Γ	2. Truss plates			
	3. Engineered lumber			
	4. Railing			
	5. Coolers-freezers			
	6. Concrete Admixtures			
	7. Material			
	8. Insulation Forms			
	9. Plastics			
	10. Deck-Roof			
	11. Wall			
	12. Sheds			
	13. Other			
H	NEW EXTERIOR			
1	ENVELOPE PRODUCTS			
	1.			
	2.			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) the performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

I understand these products may have to be removed if approval cannot be demonstrated during inspection

Contractor or Contractor's Authorized Agent Signature

Print Name

Date

Permit # (FOR STAFF USE ONLY)

Location





### 9-1-1 Address Request Form

### NOTE: ADDRESS ASSIGNMENT MAY REQUIRE UP TO 10 WORKING DAYS. IF THE ADDRESSING DEPARTMENT NEEDS TO CONDUCT ON SITE GPS LOCATION IDENTIFICATION, ADDITIONAL TIME MAY BE REQUIRED.

Date of Request:
Requester Last Name:
First Name:
Contact Telephone Number:
(Cell Phone Number if Provided):
Requested for Self: or Requested for Company: (check one) If Address is Requested by a Company, Provide Name of Requesting Company:
Parcel Identification Number:
If in Subdivision, Provide Name Of Subdivision:
Phase or Unit Number (if any): Block Number (if any):
Lot Number:
Attach Site Plan or you may use back of Request Form for Site Plan:
Requirements for Site Plan Are Listed on Back of Request From: (NOTE: Site Plan Does NOT have to be a survey or to scale; FURTHER a Environmental Health Dept. Site Plan showing only a 210 by 210 cutout of a property will NOT suffice for Addressing Requirements.)
Addressing / GIS Department Use Only:
Date Received: Date Assigned:
ID Number:

Page 1 of 2

 A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
 LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).

3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND OR PROPERTY CORNER (SEE SAMPLE BELOW).

4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).



### **SITE PLAN BOX:**



a . . . .

Impact Re Design Pre Other: For with NOA 02	essure: +/- use in HVHZ install in accordance	
889.4	Hardipanel siding	fiber-cement cladding Installation Instruction
Approved Approved Impact Re Design Pro	essure: +/- use in HVHZ install in accordance	Verified By: Evaluation Reports
889.5	Hardiplank lap siding	fiber-cement cladding
Approved Approved Impact Re Design Pro	essure: +/- use in HVHZ install in accordance	Installation Instruction Verified By: Evaluation Reports
889.6	Hardishingle cladding shing	le fiber-cement cladding
Approved Impact Re Design Pro	for use in HVHZ: for use outside HVHZ: esistant: essure: +/- ; for use in HVHZ	Verified By: Evaluation Reports
889.7	Hardishingle notched panel	fiber-cement cladding
Approved Approved Impact Re Design Pro	se (See Other) for use in HVHZ: for use outside HVHZ: esistant: essure: +/- : for use in HVHZ	Installation Instruction Verified By: Evaluation Reports
889.8	Hardisoffit panel	fiber-cement cladding
Approved Approved Impact Re Design Pro	essure: +/- use in HVHZ install in accordance	Installation Instruction Verified By: Evaluation Reports
889.9	Harditex baseboard	fiber-cement cladding
Approved	se (See Other) for use in HVHZ: for use outside HVHZ:	Installation Instruction Verified By: Evaluation Reports

Certification Agency	Miami-Dade BCCO - CER
Referenced Standard and Year (of Standard)	<u>Standard</u> ASTM D3462 TAS 107 TAS100
Equivalence of Product Standards Certified By	
Sections from the Code	1523.6.5.1 1523.6.5.1 1523.6.5.1
Product Approval Method	Method 1 Option A
Date Submitted Date Validated Date Pending FBC Approval Date Approved	06/01/2005 06/13/2005 06/14/2005 06/29/2005

Summary of Products			
FL #	Model, Number or Name	Description	
728.1	Capstone	Laminated Asphalt Shing	
Approved fo Impact Resi Design Pres	r use in HVHZ: r use outside HVHZ: stant:	Certification Agency Co Installation Instruction PTID 728 R1 I Capston PTID 728 R1 I Capston PTID 728 R1 I Capston PTID 728 R1 I Prestiqu NOA.pdf PTID 728 R1 I Prestiqu NOA.pdf PTID 728 R1 I Seal-A- NOA.pdf PTID 728 R1 I Starter NOA.pdf PTID 728 R1 I Starter NOA.pdf PTID 728 R1 I Tuscalo Verified By:	
728.2	Prestique I	Laminated Asphalt Shing	
138 <b></b>	r`use in HVHZ: r use outside HVHZ:	Certification Agency Ce Installation Instruction Verified By:	

### http://www.floridabuilding.org/pr/pr\_app\_dtl.aspx?param=wGEVXOwtDatvbXzO3NrFw. 4/13/2006
Approved for use Impact Resistan Design Pressure Other: R-55 DP -0 installation instruct	<b>t:</b> : +/- 55 Per manufacturers	Verified By:
6029.5	185 Aluminum Twin Window Fin Frame	106x72 Single Glazed 1/8
Limits of Use (Se Approved for use Approved for use Impact Resistan Design Pressure Other: R-55 DP -( installation instruct	e in HVHZ: e outside HVHZ: t: : +/- 59.3 Per manufacturers	Certification Agency Ce Installation Instruction Verified By:
6029.6	185 Aluminum Twin Window Fin Frame	106x72 Single Glazed 3/1
Limits of Use (Sea Approved for use Approved for use Impact Resistan Design Pressure Other: R-40 DP -4 installation instruct	e in HVHZ: e outside HVHZ: t: : +/- 10 Per manufacturers	Certification Agency Ce Installation Instruction Verified By:
6029.7	450/650/850 Aluminum Window Fin Frame	48x84 Insulated 3/16" An
Limits of Use (Sea Approved for use Approved for use Impact Resistan Design Pressure Other: R-35 DP -4 installation instruct	e in HVHZ: e outside HVHZ: t: : +/- 47.2 Per manufacturers	Certification Agency Ce Installation Instruction Verified By:
6029.8	450/650/850 Aluminum Window Fin Frame	36x72 Insulated 3/16" An
Limits of Use (See Approved for use Approved for use Impact Resistant Design Pressure Other: R-40 DP -5 installation instruct	e in HVHZ: e outside HVHZ: t: : +/- :0 Per manufacturers	Certification Agency Ce Installation Instruction Verified By:
6029.9	450/650/850 Aluminum Window Flange Frame	48x84 Insulated 3/16" An
Limits of Use (See Approved for use Approved for use Impact Resistant	Other) in HVHZ: outside HVHZ:	Certification Agency Ce Installation Instruction Verified By:

Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: LC-50 DP-50 Per manufacturers installation instructions.	Certification Agency Ce Installation Instruction Verified By:
5438.15 455 Fin Frame	54x90 Insulated DSB Ann
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: LC-35 DP-50 Per manufacturers installation instructions.	Certification Agency Ce Installation Instruction Verified By:
5438.16 650 Fin Frame	53x90 Insulated SSB Ann
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: LC-30 DP-47.2 Per manufacturers installation instructions.	Certification Agency Ce Installation Instruction Verified By:
5438.17 650 Fin Oriel	48x84 Insulated 3/16" An
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: R-35 DP-47.2 Per manufacturers installation instructions.	Certification Agency Ce Installation Instruction Verified By:
5438.18 650 Flange Frame	48x84 Insulated SSB Ann
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: LC-35 DP-47.2 Per manufacturers Installation instructions.	Certification Agency Ce Installation Instruction Verified By:
5438.19 650 Flange Frame Oriel	48x84 Insulated 3/16" An
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: R-35 DP-47.2 Per manufacturers installation instructions.	Certification Agency Ce Installation Instruction Verified By:

<b>Design Pressure:</b> <b>Other:</b> Mean roof ft.	+/- height should not exceed 33	
728.3	Prestique Plus / Gallery Colle	Laminated Asphalt Shingle
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Mean roof height should not exceed 33 ft.		Certification Agency Ce Installation Instruction Verified By:
728.4	Seal-A-Ridge "SAR"	Accessory - Ridge Shingle
Limits of Use (See Approved for use Approved for use Impact Resistant Design Pressure: Other: Mean roof ft.	e in HVHZ: e outside HVHZ: ::	Certification Agency Ce Installation Instruction Verified By:
728.5	Starter Strip	Accessory - Starter Cours
Limits of Use (See Approved for use Approved for use Impact Resistant Design Pressure: Other: Mean roof I ft.	e in HVHZ: e outside HVHZ: ::	Certification Agency Ce Installation Instruction Verified By:

Back

Next

DCA Administration

Department of Community Affairs Florida Building Code Online Codes and Standards 2555 Shumard Oak Boulevard Tallahassee, Florida 32399-2100 (850) 487-1824, Suncom 277-1824, Fax (850) 414-8436 © 2000-2005 The State of Florida. All rights reserved. Copyright and Discl. Product Approval Accepts:





Design Pressure Ra Negative 55.0 PSF additional size and	ting – Positive 55.0 PSF and (see 4242.2 INST for any use limitations).	
4242.3	C. Masonite Metal-Edge Steel Door	Up to a 6'0 x 6'8 In-swing Metal-Edge Steel Door in Adjustable Steel Frame
the State of Florida used in the "HVHZ" Section 1626 of the does not require a Design Pressure Ra	e in HVHZ: e outside HVHZ: t: : +/- ct meets the requirements for including the "HVHZ". When this product complies with e Florida Building Code and protective covering. Maximum ting – Positive 50.5 PSF and (see 4242.3 INST for any	

Back Next

**DCA Administration** 

Department of Community Affairs Florida Building Code Online Codes and Standards 2555 Shumard Oak Boulevard Tallahassee, Florida 32399-2100 (850) 487-1824, Suncom 277-1824, Fax (850) 414-8436 © 2000-2005 The State of Florida. All rights reserved. <u>Copyright and Discl</u> Product Approval Accepts:





Referenced Standard and Year (of Standard)	<u>Standard</u> ASTM D3462 TAS 107
Equivalence of Product Standards Certified By	
Product Approval Method	Method 1 Option A
Date Submitted	09/20/2005
Date Validated	09/27/2005
Date Validated Date Pending FBC Approval	09/27/2005 09/29/2005

Summary of Products			
FL # Model, Number or Name		Description	
1476.1	Elk Prestique Shingles	Laminated Asphalt Shingle	
Impact Resistan Design Pressure Other: 1) All FBC those pertaining to	e in HVHZ: e outside HVHZ: ht: : +/- sections apply except for Miami - Dade and Broward to NOA # 0500706.07 for use	Certification Agency Ce Installation Instruction PTID 1476 R2 I Specs PTID 1476 R2 I UL Pre Verified By:	

Back Next

DCA Administration

Department of Community Affairs Florida Building Code Online Codes and Standards 2555 Shumard Oak Boulevard Tallahassee, Florida 32399-2100 (850) 487-1824, Suncom 277-1824, Fax (850) 414-8436 © 2000-2005 The State of Florida. All rights reserved. <u>Copyright and Discl.</u> Product Approval Accepts:





PREPARED BY AND RETURN TO:

TERRY MCDAVID POST OFFICE BOX 1328 LAKE CITY, PL 32056-1328

Property Appraiser's Identification Number Inst:2005021059 Date:00/30/2005 Time:08:26 Doc Stamp Deed : 133.00 DC,P. Dewitt Cason,Columbia County B:1056 P:1714

#### WARRANTY DEED

This Warranty Deed, made this day of August, 2005, BETWEEN MICHAEL J. STEWART AND KVE S. STEWART, Husband and Wife whose post office address is P.O. Box 3265, Lake City, Florida, 32056, grantors, and GABRIEL CURRY AND BETSY CURRY, Husband and Wife whose post office address is P.O. Box 215, Lake City, Florida 32056, grantees.

(Whenever used herein the terms "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations, trusts and trustees)

Witnesseth: that said grantors, for and in consideration of the sum of Ten Dollars (\$10.00), and other good and valuable considerations to said grantors in hand paid by said grantees, the receipt whereof is hereby acknowledged, has granted, bargained and sold to the said grantees, and grantees' heirs and assigns forever, the following described land, situate, lying and

being in Columbia County, Florida, to-wit:

Commence at the SE corner of the NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and thence run North 01 degrees 41'37° Bast, along the Bast line of said NW 1/4, 596.70 feet; thence North 88 degrees 45'17° West, 836.54 feet to the Point of Beginning; thence Continue North 88 degrees 45'17° West, 142.47 feet; thence South 01 degrees 14'21° West, 356.69 feet; thence South 88 degrees 45'17° Bast 142.47 feet; thence North 01 degrees 14'21° East, 356.69 feet to the Point of Beginning.

Together with a non-exclusive perpetual easement for ingress and egress which shall at all time remain open and unobstructed over and across a strip of land lying 30 feet North of and 30 feet South of a line described as follows:

Commence at the SE Corner of NW 1/4, Section 1, Township 5 South, Range 16 East, Columbia County, Florida, and run N 01 degrees 41'37" East along the East line of said NW 1/4 596.70 feet; thence run North 88 degrees 45'17" West 9.11 feet to the West right of way of SW Little Road and the Point of Beginning of said line; thence run North 88 degrees 45'17" West 969.90 feet to the Point of Termination of said line.

Grantor reserves a non-exclusive perpetual easement for ingress, egress and utilities over and across the North 30 feet of the property conveyed which shall at all times remain open and unobstructed and for utilities over and across the South 15 feet.

286-754-0103

î.q

Auno ianneo

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And subject to taxes for the current year and later years and all valid easements and restrictions of record, if any, which are not hereby reimposed; and also subject to any claim, right, title or interest arising from any recorded instrument reserving, conveying, leasing, or otherwise alienating any interest in the oil, gas and other minerals. And grantor does warrant the title to said land and will defend the same against the lawful claims of all persons whomsoever, subject only to the exceptions set forth herein.

In Witness Whereof, grantor has hereunto set grantor's hand and seal the day and year first above written.

Signed, sealed and delivered in our presence:

5-RGS 41 L. DRUUER (Typed Base of Plant Witness)

Typed Name of Second Witness)

(SBAL)

NICHAEL J. STEWART

(SEAL) EVE S STEDART

Inst:2005021059 Bate:08/30/2005 Time:09:26 Boc Stamp-Deed : 133.00 \_\_\_\_\_RC,P\_Dewitt Cason,Columbia County B:1056 P:1715

STATE OF COLUMBIA COUNTY OF FLORIDA

The foregoing instrument was acknowledged before me this day of August, 2005, by MICHAEL J. STEWART AND EVE S. STEWART, Husband and Wife who is/are/personally known to me or who has/have produced a state of the identification and who did not take an oath.

My Commission Expires:

Notary Public Printed, typed, or stamped name:

Rec.

KARES M STREET are Publi - Stain of P Sic.

Kimo iounoo

## **Residential System Sizing Calculation**

Spec House

, FL 32025-

Summary Project Title: Gabriel Curry

Code Only Professional Version Climate: North

	8			4/5/2006	
Location for weather data: Gaines	ville - Use	r customize	ed: Latitude(29) Altitude(152 ft.) Te	mp Range(M)	
Humidity data: Interior RH (50%)	Outdoor	wet bulb (7	9F) Humidity difference(54gr.)		
Winter design temperature	33	F	Summer design temperature	99	F
Winter setpoint	70	F	Summer setpoint	75	F
Winter temperature difference	37	F	Summer temperature difference	24	F
Total heating load calculation	24798	Btuh	Total cooling load calculation	30004	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	116.9	29000	Sensible (SHR = 0.75)	91.1	21750
Heat Pump + Auxiliary(0.0kW)	116.9	29000	Latent	118.1	7250
			Total (Electric Heat Pump)	96.7	29000

#### WINTER CALCULATIONS

Winter Heating Load (fo	r 1448 sqft)			
Load component			Load	
Window total	163	sqft	5257	Btuh
Wall total	1180	sqft	3875	Btuh
Door total	39	sqft	499	Btuh
Ceiling total	1448	sqft	1706	Btuh
Floor total	165	sqft	7204	Btuh
Infiltration	154	cfm	6256	Btuh
Duct loss			0	Btuh
Subtotal			24798	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			24798	Btuh



#### SUMMER CALCULATIONS

Summer Cooling Load (for	1448 sq	ft)		
Load component			Load	
Window total	163	sqft	10250	Btuh
Wall total	1180	sqft	3091	Btuh
Door total	39	sqft	472	Btuh
Ceiling total	1448	sqft	2721	Btuh
Floor total			0	Btuh
Infiltration	135	cfm	3551	Btuh
Internal gain			3780	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Total sensible gain			23865	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			4939	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1200	Btuh
Total latent gain		I	6139	Btuh
TOTAL HEAT GAIN			30004	Btuh





EnergyGau PREPARE	DBY: Will Myers	
DATE:	4/5/06	

# **System Sizing Calculations - Winter**

Residential Load - Whole House Component Details Code Only

Spec House

Project Title: Gabriel Curry

, FL 32025-

90 - N

Reference City: Gainesville (User customized) Winter Temperature Difference: 37.0 F

Climate: North 4/5/2006

Professional Version

Component Lo	ads for Whole House				
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
2	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
3	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
4	2, Clear, Metal, 0.87	E	13.3	32.2	428 Btuh
5	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
7	2, Clear, Metal, 0.87	S	4.0	32.2	129 Btuh
8	2, Clear, Metal, 0.87	S	12.0	32.2	386 Btuh
	Window Total		163(sqft)		5257 <u>Btuh</u>
Walls	Туре	R-Value	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1000	3.3	3284 Btuh
2	Frame - Wood - Adj(0.09)	13.0	180	3.3	591 Btuh
	Wall Total		1180		3875 Btuh
Doors	Туре		Area X	HTM <b></b> =	Load
1	Insulated - Adjacent		19	12.9	240 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		39		499Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1448	1.2	1706 Btuh
	Ceiling Total		1448		1706Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	165.0 ft(p)	43.7	7204 Btuh
	Floor Total		165		7204 Btuh
		:	Zone Envelope	Subtotal:	18541 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	11584	154.5	6256 Btuh
Ductload	Proposed leak free, R6.0, S	Supply(Attic), F	Return(Attic)	(DLM of 0.00)	0 Btuh
Zone #1		Sen	sible Zone Sub	ototal	24798 Btuh

## **Manual J Winter Calculations**

Residential Load - Component Details (continued)

Spec House

Gabriel Curry

Code Only **Professional Version** Climate: North

, FL 32025-

#### **WHOLE HOUSE TOTALS**

1/5/2006

Subtotal Sensible	24798 Btuh
Ventilation Sensible	0 Btuh
Total Btuh Loss	24798 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default)

(HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )



# **System Sizing Calculations - Winter** Residential Load - Room by Room Component Details

Spec House

, FL 32025-

ž "

Gabriel Curry

Code Only **Professional Version** Climate: North

and the second second

Reference City: Gainesville (User customized) Winter Temperature Difference: 37.0 F

4/5/2006

Component Lo	ads for Zone #1: Main				
Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	W	40.0	32.2	1288 Btuh
2	2, Clear, Metal, 0.87	W	60.0	32.2	1931 Btuh
3	2, Clear, Metal, 0.87	W	4.0	32.2	129 Btuh
4	2, Clear, Metal, 0.87	E	13.3	32.2	428 Btuh
5	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
6	2, Clear, Metal, 0.87	E	15.0	32.2	483 Btuh
7 🤄	2, Clear, Metal, 0.87	S	4.0	32.2	129 Btuh
8	2, Clear, Metal, 0.87	S	12.0	32.2	386 Btuh
	Window Total		163(sqft)		5257 Btuh
Walls	Туре	<b>R-Value</b>	Area X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1000	3.3	3284 Btuh
2	Frame - Wood - Adj(0.09)	13.0	180	3.3	591 Btuh
	Wall Total		1180		3875 Btuh
Doors	Туре		Area X	HTM=	Load
1	Insulated - Adjacent		19	12.9	240 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
	Door Total		39		499Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1448	1.2	1706 Btuh
	Ceiling Total		1448		1706Btuh
Floors	Туре	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	165.0 ft(p)	43.7	7204 Btuh
	Floor Total		165		7204 Btuh
			Zone Envelope	Subtotal:	18541 Btuh
Infiltration	Туре	ACH X	Zone Volume	CFM=	
	Natural	0.80	11584	154.5	6256 Btuh
Ductioad	Proposed leak free, R6.0, \$	Supply(Attic),	Return(Attic)	(DLM of 0.00)	0 Btuh
Zone #1		Se	nsible Zone Sul	ototal	24798 Btuh

## **Manual J Winter Calculations**

Residential Load - Component Details (continued)

Spec House

Project Title: Gabriel Curry Code Only Professional Version Climate: North

, FL 32025-

WHOLE HOUSE TOTALS

4/5/2006

Subtotal Sensible Ventilation Sensible Total Btuh Loss	24798 Btuh 0 Btuh 24798 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)

(Frame types - metal, wood or insulated metal)

(U - Window U-Factor or 'DEF' for default) (HTM - ManualJ Heat Transfer Multiplier)

Key: Floor size (perimeter(p) for slab-on-grade or area for all other floor types )

## **System Sizing Calculations - Summer**

**Residential Load - Whole House Component Details** 

Spec House

, FL 32025-

Project Title: Gabriel Curry

Code Only Professional Version Climate: North

Reference City: Gainesville (User customized) Summe

Summer Temperature Difference: 24.0 F 4/5/2006

Component Loads for Whole House

	Type*		Over	hang	Wind	dow Area	a(sqft)	F	ITM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	W	13.5f	8ft.	40.0	40.0	0.0	35	86	1402	Btuh
2	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	35	86	5136	Btuh
3	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	4.0	0.0	4.0	35	86	342	
4	2, Clear, 0.87, None,N,N	E	9.5ft	8ft.	13.3	13.1	0.2	35	86	478	
5	2, Clear, 0.87, None,N,N	E	5.5ft	8ft.	15.0	4.7	10.3	35	86	1047	
6	2, Clear, 0.87, None,N,N	E	1.5ft	8ft.	15.0	0.0	15.0	35	86	1284	Btuh
7	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	4.0	4.0	0.0	35	40	140	
8	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	12.0	12.0	0.0	35	40	421	
	Window Total				163 (					10250	Btun
Walls	Туре		R-Va	alue/U	-Value	Area	(sqft)		HTM	Load	
1	Frame - Wood - Ext			13.0/		100			2.7	2707	
2	Frame - Wood - Adj			13.0/	0.09		0.0		2.1		Btuh
	Wall Total					118	0 (sqft)			3091	Btuh
Doors	Туре					Area	(sqft)		HTM	Load	
1	Insulated - Adjacent						.6	•	12.3	227	Btuh
2	Insulated - Exterior					20	0.0		12.3	245	Btuh
	Door Total					3	9 (sqft)			472	Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area			HTM	Load	
1	Vented Attic/DarkShingle			30.0		144	8.0		1.9	2721	Btuh
	Ceiling Total					144	8 (sqft)			2721	Btuh
Floors	Туре		R-Va	alue		Si	ze		HTM	Load	
1	Slab On Grade			0.0		16	65 (ft(p))		0.0	0	Btuh
	Floor Total						0 (sqft)			0	Btuh
							one Env	elope Si	ubtotal:	16534	Btuh
Infiltration	Type SensibleNatural		А	CH 0.70			e(cuft) 584		CFM= 135.1	Load 3551	Btuh
Internal			Occup				cupant		Appliance	Load	a curr
gain			Cocup	6		X 23			2400	3780	Btul
Duct load	Dropopod look free DC	0 0	mb//A4	-				DOM	= 0.00	0.0	
Duct load	Proposed leak free, R6	.v, sup	ριγ(Αϊ	uc), F	eturn(A	AUC)		DGIAI	- 0.00	0.0	DIU
							Sensit	ole Zon	e Load	23865	Btuh

### **Manual J Summer Calculations**

Residential Load - Component Details (continued)

Spec House

, FL 32025-

Project Title: Gabriel Curry Códe Only Professional Version Climate: North

4/5/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	23865	Btuh		
	Sensible Duct Load	0	Btuh		
	Total Sensible Zone Loads				
	Sensible ventilation				
	Blower	0	Btuh		
Whole House	Total sensible gain	23865	Btuh		
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	4939	Btuh		
	Latent ventilation gain	0	Btuh		
	Latent duct gain	0	Btuh		
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh		
	Latent other gain	0	Btuh		
	Latent total gain	6139	Btuh		
	TOTAL GAIN	30004	Btuh		

\*Key: Window types (Pn - Number of panes of glass)

(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(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value) (BS - Insect screen: none(N), Full(F) or Half(H)) (Ornt - compass orientation)



## **System Sizing Calculations - Summer**

Residential Load - Room by Room Component Details Project Title: Code C

Spec House

1 2

Gabriel Curry

Code Only Professional Version Climate: North

, FL 32025-

Reference City: Gainesville (User customized)

Component Loads for Zone #1: Main

Summer Temperature Difference: 24.0 F

4/5/2006

				部的阴影	P Post Report		2月11日1月1日1月1日	2493US032153	STATISTICS CONTRACTOR		A PARTY
	Type*		Over	hang	Win	dow Area	a(sqft)	H	ITM	Load	
Window	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	W	13.5f	8ft.	40.0	40.0	0.0	35	86	1402	
2	2, Clear, 0.87, None,N,N	W	1.5ft	8ft.	60.0	0.0	60.0	35	86	5136	
3	2, Clear, 0.87, None,N,N	w	1.5ft	8ft.	4.0	0.0	4.0	35	86		Btuh
4	2, Clear, 0.87, None,N,N	E	9.5ft	8ft.	13.3	13.1	0.2	35	86	478	
5 6	2, Clear, 0.87, None, N,N	E	5.5ft	8ft.	15.0 15.0	4.7 0.0	10.3	35	86 86	1047 1284	Btuh Btuh
7	2, Clear, 0.87, None,N,N 2, Clear, 0.87, None,N,N	E S	1.5ft 1.5ft	8ft. 8ft.	4.0	0.0 4.0	15.0 0.0	35 35	40	1204	
8	2, Clear, 0.87, None,N,N	S	1.5ft	8ft.	12.0	12.0	0.0	35	40		Btuh
0	Window Total	0	1.51	on.	163 (		0.0		40	10250	
Walls	Type		R-Va	alue/L	-Value	Area	(saft)		НТМ	Load	Dun
1	Frame - Wood - Ext			13.0/		100			2.7	2707	Btuh
2	Frame - Wood - Adj			13.0/		180			2.7		Btuh
2	Wall Total			15.0/	0.05		0 (sqft)		<b>4</b> .1	3091	
Doors	Type					Area			HTM	Load	Dian
1	Insulated - Adjacent					18			12.3	227	Btuh
2	Insulated - Exterior						).0		12.3		Btuh
-	Door Total						9 (sqft)		12.0		Btuh
Ceilings	Type/Color/Surface		R-Va	alue		Area			HTM	Load	
1	Vented Attic/DarkShingle			30.0		144			1.9	2721	Btuh
	Ceiling Total					144	8 (sqft)			2721	Btuh
Floors	Туре		R-Va	alue		Si			HTM	Load	
1	Slab On Grade			0.0		16	65 (ft(p))		0.0	0	Btuh
	Floor Total						0 (sqft)			0	Btuh
						Z	one Env	elope Si	ubtotal:	16534	Btuh
Infiltration	Type SensibleNatural		A	CH 0.70		Volum	e(cuft) 584		CFM= 135.1	Load 3551	Btuh
Internal			Occup				cupant		Appliance	Load	
gain				6		X 23			2400	3780	Btuł
Duct load	Proposed leak free, R6.	0, Sup	ply(At		Return(/			DGM	= 0.00	0.0	
							Sensil	ole Zone	e Load	23865	Btuh

#### **Manual J Summer Calculations** Residential Load - Component Details (continued)

Spec House

, FL 32025-

1.00

Project Title: Gabriel Curry

Code Only **Professional Version** Climate: North

4/5/2006

WHOLE HOUSE TOTALS

	Sensible Envelope Load All Zones	23865	
	Sensible Duct Load	0	
	Total Sensible Zone Loads	23865	Btuh
	Sensible ventilation	0	Btuh
	Blower	0	Btuh
Whole House	Total sensible gain	23865	Btuh
Totals for Cooling	Latent infiltration gain (for 54 gr. humidity difference)	4939	Btuh
	Latent ventilation gain	0	Btuh
	Latent duct gain	0	Btuh
	Latent occupant gain (6 people @ 200 Btuh per person)	1200	Btuh
	Latent other gain	0	Btuh
	Latent total gain	6139	Btuh
	TOTAL GAIN	30004	Btuh

\*Key: Window types (Pn - Number of panes of glass) (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(B), Draperies(D) or Roller Shades(R)) (ExSh - Exterior shading device: none(N) or numerical value) (BS - Insect screen: none(N), Full(F) or Half(H)) (Ornt - compass orientation)



## **Residential Window Diversity**

Spec House

, FL 32025-

MidSummer Project Title: Gabriel Curry

Code Only Professional Version Climate: North

4/5/2006

Weather data for: Galnesville - User customized								
Summer design temperature	99 F	Average window load for July	9531 Btuh					
Summer setpoint	75 F	Peak window load for July	15853 Btu					
Summer temperature difference	24 F	Excusion limit(130% of Ave.)	12391 Btu					
Latitude	29 North	Window excursion (July)	3462 Btuh					

#### WINDOW Average and Peak Loads



This application has glass areas that produce large heat gains for part of the day. Variable air volume devices are required to overcome spikes in solar gain for one or more rooms. Install a zoned system or provide zone control for problem rooms. Single speed equipment may not be suitable for the application.

EnergyGauge® System Sizing for Florida residences only
PREPARED BY: \_\_\_\_\_
DATE: \_\_\_\_\_





142.47'

POST IN A CONSPICUOUS P (Business Places Only)	Date: 12/19/2007	Location: 276 SW HOLLY GLEN, LAKE CITY, FL	Owner of Building GABRIEL CURRY	Permit Holder NATHAN PETERSEN	Use Classification SFD,UTILITY	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 2765S-16-03390-019 Building permit No. 000024573		
SPICUOUS PLACE Places Only)	John J. Know		Total: 223.30	Waste: 167.50	Fire: 55.80	JNTY, FLORIDA and Zoning Inspection e below named permit holder for the building d certifies that the work has been completed in ng Code. Building permit No. 000024573	ANCY	