

Columbia County Building Permit Application

For Office Use Only Application # 0710-15 Date Received 10/4/07 By G Permit # 26321
 Application Approved by - Zoning Official BLK Date 10.10.07 Plans Examiner OK JTH Date 10-5-07
 Flood Zone X Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3
 Comments Section 14.9 Special Family Lot Permit Existing MHT to be removed within 45 days after covering 1550
☐ NOC ☐ EH ☐ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # ☐ Development Pa

Name Authorized Person Signing Permit RICHARD KEEN - 755-2846 Fax _____
James Johnston Phone 365-5999
 Address 650 SW Main Blvd L.C. FL 32025

Owners Name Janet Stetz Phone _____
 911 Address 756 SW Itchetucknee Avenue Lake City FL 32024

Contractors Name James Johnston Phone 365-5999
 Address 650 SW Main Blvd LAKE CITY FL 32025

Fee Simple Owner Name & Address _____
 Bonding Co. Name & Address _____

Architect/Engineer Name & Address Mark Disosway 754-5419
 Mortgage Lenders Name & Address First Federal

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive En
 Property ID Number 12-55-15-00446-006 Estimated Cost of Construction \$100,000
 Subdivision Name N/A

Driving Directions 47 SOUTH to CR 240 turn right go to Old Itchetucknee Rd turn right, 1/4 mile on left
 Lot _____ Block _____ Unit _____ Phase _____

Type of Construction SFD Number of Existing Dwellings on Property 0
 Total Acreage 12.17 Lot Size _____ Do you need a - Culvert Permit or Culvert Waiver or Have an Existing
 Actual Distance of Structure from Property Lines - Front 40 Side 32 Side 50 Rear 100
 Total Building Height 15'11" Number of Stories 1 Heated Floor Area 1395 Roof Pitch 6/12
TOTAL 1616

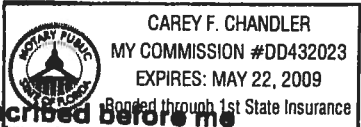
Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards all laws regulating construction in this jurisdiction.

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 Authorized Person by Notarized Letter _____
 Contractor Signature _____
 Contractors License Number CRL 1328128
 Competency Card Number _____
 NOTARY STAMP/SEAL

STATE OF FLORIDA
 COUNTY OF COLUMBIA
 Sworn to (or affirmed) and subscribed before me
 this 4th day of October 2007
 Personally known X or Produced Identification _____



Carey F. Chandler
 Notary Signature
 (Revised Sept. 20

THIS INSTRUMENT PREPARED BY
AND RETURN TO:

MARLIN M. FEAGLE, ESQUIRE
FEAGLE & FEAGLE, ATTORNEYS, P.A.
153 NE Madison Street
Post Office Box 1653
Lake City, Florida 32056-1653
Florida Bar No. 0173248
(as to form only)

Inst:2006025023 Date:10/20/2006 Time:16:07

Doc Stamp-Deed : 0.70

DC, P. Dewitt Cason, Columbia County B:1099 P:1988

QUIT CLAIM DEED

THIS QUIT-CLAIM DEED made this 19th day of October, 2006, by

JANICE CARTER HILL a/k/a JANICE CARTER HILL DIBBLE, a single person, whose
mailing address is 758 SW Ichetucknee Avenue, Lake City, Florida 32024, Lake City, Florida
32024, first party, to JANET HILL STETZ, whose mailing address is 756 SW Ichetucknee
Avenue, Lake City, Florida 32024, second party.

WITNESSETH:

That the said first party, for and in consideration of the sum of TEN AND NO/100
(\$10.00) DOLLARS, in hand paid by the said second party, receipt whereof is hereby
acknowledged, does hereby remise, release and quit-claim unto the said second party forever, all
the right, title, interest, claim and demand which the said first party has in and to the following
described lot, piece or parcel of land, situate, lying and being in the County of Columbia, State of
Florida, to-wit:

**SEE EXHIBIT "A" ATTACHED HERETO AND
INCORPORATED HEREIN BY REFERENCE.**

Tax Parcel No.: 12-5S-XXXXXXXXXX.

TO HAVE AND TO HOLD, the same together with all and singular the appurtenances
thereunto belonging or in anywise appertaining, and all the estate, right, title, interest, lien, equity
and claim whatsoever of the said first party, either in law or equity, to the only proper use, benefit
and behoof of the said second party forever.

IN WITNESS WHEREOF, the said first party has signed and sealed these presents the
day and year first above written.

Signed, sealed and delivered
in the presence of:

Diane S. Edenfield
Witness

DIANE S. EDENFIELD
Print or Type Name

Terri B. Bixby
Witness

Terri B. Bixby
Print or Type Name

Janice Carter Hill (SEAL)
JANICE CARTER HILL
a/k/a JANICE CARTER HILL DIBBLE

Inst:2006025023 Date:10/20/2006 Time:16:07
Doc Stamp-Deed : 0.70

DC,P.Dewitt Cason,Columbia County B:1099 P:1989

STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 19th day of
October, 2006, by JANICE CARTER HILL a/k/a JANICE CARTER HILL
DIBBLE who is personally known to me or who has produced a Florida driver's license as
identification.



Diane S. Edenfield
Commission # DD514461
Expires May 26, 2010
Jonathan Troy Fenn Insurance Inc. 800-365-7019

Diane S. Edenfield
Notary Public, State of Florida

(NOTARIAL
SEAL)

My commission expires:

Inst:2006025023 Date:10/20/2006 Time:16:07

Doc Stamp-Deed : 0.70

DC, P. Dewitt Cason, Columbia County B:1099 P:1990

DESCRIPTION:

PART OF THE SOUTH 10 ACRES OF THE NORTH 3/4 OF THE NE 1/4 OF THE SE 1/4, SECTION 12, TOWNSHIP 5 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A CONCRETE MONUMENT MARKING THE SE CORNER OF THE NORTH 3/4 OF NE 1/4 OF SE 1/4 AND RUN THENCE WEST ALONG THE MONUMENTED SOUTH LINE OF SAID NORTH 3/4 OF NE 1/4 OF SE 1/4, A DISTANCE OF 272.11 FEET TO A 5/8" IRON ROD, LS 4708, AND THE POINT OF BEGINNING; THENCE CONTINUE WEST, ALONG SAID SOUTH LINE, A DISTANCE OF 163.40 FEET TO A 5/8" IRON ROD, LS 4708; THENCE N.00°00'06"E., A DISTANCE OF 133.30 FEET TO A 5/8" IRON ROD, LS 4708; THENCE EAST, PARALLEL TO SAID MONUMENTED SOUTH LINE, A DISTANCE OF 163.40 FEET TO A 5/8" IRON ROD, LS 4708; THENCE S.00°00'06"W., A DISTANCE OF 133.30 FEET TO THE POINT OF BEGINNING. CONTAINS 0.50 ACRES, MORE OR LESS.

TOGETHER WITH A 30.00 FOOT INGRESS AND EGRESS EASEMENT OVER AND ACROSS THE SOUTH 30.00 FEET OF THE SOUTH 10 ACRES OF THE NORTH 3/4 OF THE NE 1/4 OF THE SE 1/4, AS LIES WEST OF SW ITCHETUCKNEE AVENUE (A COUNTY GRADED PUBLIC ROAD), AND THE EAST LINE OF THE ABOVE DESCRIBED PROPERTY. THIS EASEMENT IS TO GIVE ACCESS FROM SW ITCHETUCKNEE ROAD TO THE ABOVE DESCRIBED PARCEL OF LAND.

EXHIBIT " A "

Columbia County Property Appraiser

DB Last Updated: 8/2/2007

2007 Proposed Values

[Tax Record](#)
[Property Card](#)
[Interactive GIS Map](#)
[New Super Homestead Taxable Value Calculator](#)
[Print](#)

Parcel: 12-5S-15-00446-006

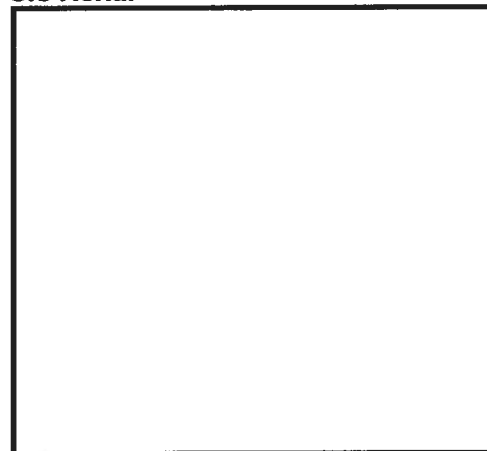
Owner & Property Info

<< Prev

Search Result: 2 of 2

Owner's Name	STETZ JANET HILL		
Site Address			
Mailing Address	756 SW ICHETUCKNEE AVE LAKE CITY, FL 32024		
Use Desc. (code)	VACANT (000000)		
Neighborhood	12515.00	Tax District	3
UD Codes	MKTA02	Market Area	02
Total Land Area	0.500 ACRES		
Description	COMM AT SE COR OF N3/4 OF NE 1/4 OF SE1/4, RUN W 272.11 FT, FOR POB, CONT W 163.40 FT, N 133.30 FT, E 163.40 FT, S 133.30 FT TO POB. OF SE1/4. ORB 723-783, 740-335 LIFE EST ORB 753-1194, QCD 1099-1986(REMAINDERMEN GIVING UP INT), QCD 1099-1988		

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (2)	\$5,520.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$5,520.00

Just Value	\$5,520.00
Class Value	\$0.00
Assessed Value	\$5,520.00
Exempt Value	\$0.00
Total Taxable Value	\$5,520.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
10/19/2006	1099/1988	QC	V	U	01	\$100.00
11/26/1991	753/1194	WD	V	U	02	\$0.00
1/7/1991	740/335	WD	V	U	02	\$0.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
NONE						

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	.500 AC	1.00/1.00/1.00/1.00	\$7,040.00	\$3,520.00

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

-----PART II - SITEPLAN-----

[illegible]

Notes: _____

Site Plan submitted by: Paula J. [Signature]

Plan Approved Markus Sanchez Not Approved

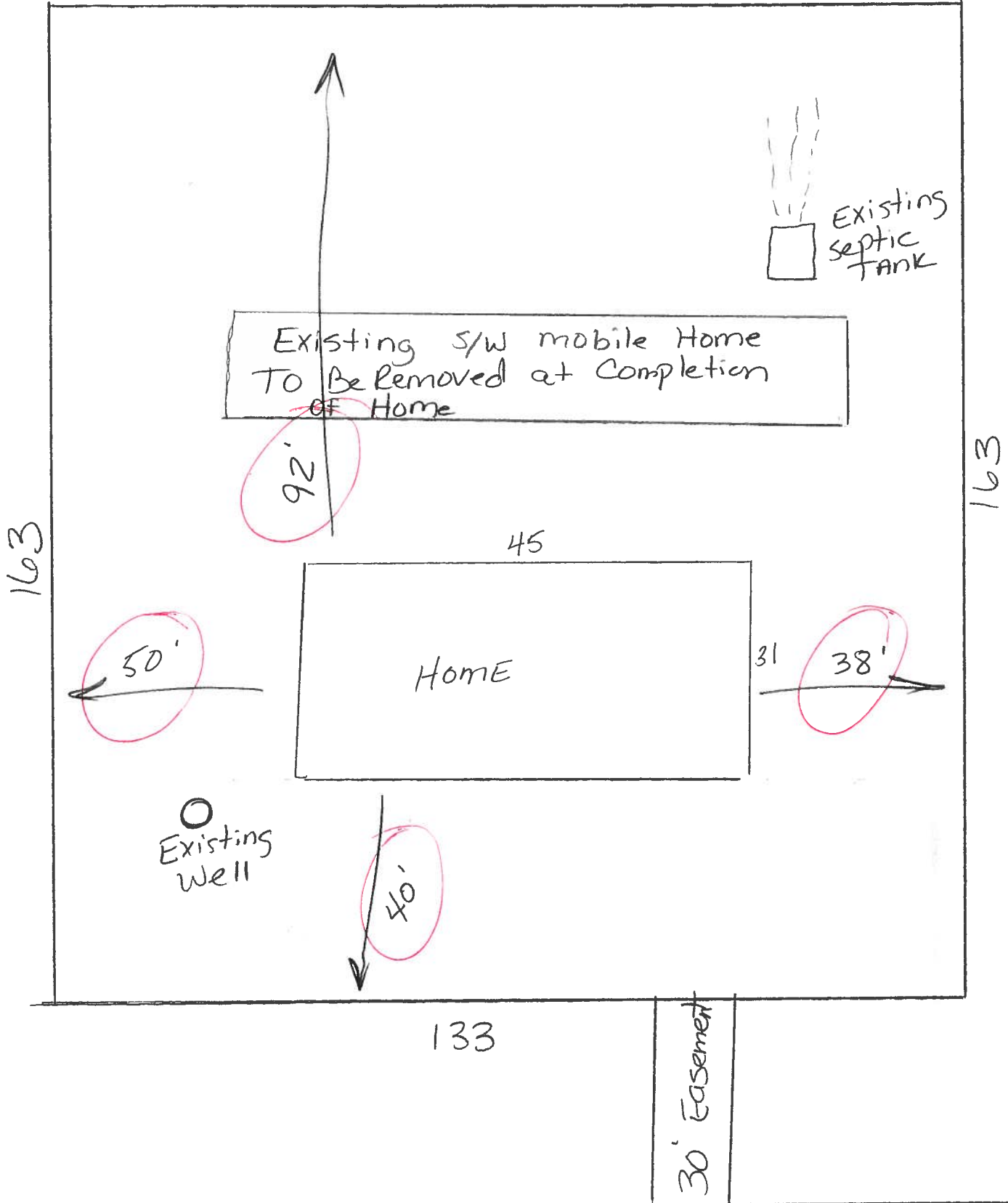
By _____ County Health Department

MASTER CONTRACTOR

Date 10/4/07

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

133



--- Old Itchetucknee Rd. ---

AFFIDAVIT OF SUBDIVIDED REAL PROPERTY
FOR USE OF IMMEDIATE FAMILY MEMBERS
FOR PRIMARY RESIDENCE

STATE OF FLORIDA
COUNTY OF COLUMBIA

BEFORE ME the undersigned Notary Public personally appeared.

Janice Carter Hill, the Owner of the parent tract which has been subdivided for immediate family primary residence use, hereinafter the Owner, and Janet Hill Stetz, the family member of the Owner, who is the owner of the family parcel which is intended for immediate family primary residence use, hereafter the Family Member, and is related to the Owner as daughter, and both individuals being first duly sworn according to law, depose and say:

1. Both the Owner and the Family Member have personal knowledge of all matters set forth in this Affidavit.
2. The Owner holds fee simple title to certain real property situated in Columbia County, and more particularly described by reference to the Columbia county Property Appraiser Tax Parcel No. 12-55-15-00446-001.
3. The Owner has divided his parent parcel for use of immediate family members for their primary residence and the parcel divided and the remaining parent parcel are at least ½ acre in size. Immediate family is defined as grandparent, parent, step-parent, adopted parent, sibling, child, step-child, adopted child or grandchild.
4. The Family Member is a member of the Owner's immediate family, as set forth above, and holds fee simple title to certain real property divided from the Owner's parcel situated in Columbia County and more particularly described by reference to the Columbia County Property Appraiser Tax Parcel No. 12-55-15-00446-006.
5. No person or entity other than the Owner and Family Member claims or is presently entitled to the right of possession or is in possession of the property, and there are no tenancies, leases or other occupancies that affect the Property.
6. This Affidavit is made for the specific purpose of inducing Columbia County to recognize a family division for a family member on the parcel divided in accordance with Section 14.9 of the Columbia County Land Development Regulations.

7. This Affidavit is made and given by Affiants with full knowledge that the facts contained herein are accurate and complete, and with full knowledge that the penalties under Florida law for perjury include conviction of a felony of the third degree.

We Hereby Certify that the information contained in this Affidavit are true and correct.

Janice Carter Hill Janet Hill Stetz
Owner Family Member

Janice Carter Hill Janet Hill Stetz
Typed or Printed Name Typed or Printed Name

Subscribed and sworn to (or affirmed) before me this 14th day of September, 2007, by Janice Carter Hill (Owner) who is personally known to me or has produced _____ as identification.

Lisa T. Richardson
Notary Public
 LISA T. RICHARDSON
Commission DD 654708
Expires July 20, 2011
Bonded Thru Troy Fain Insurance 800-385-7019

Subscribed and sworn to (or affirmed) before me this 14th day of September, 2007, by Janet Hill Stetz (Family Member) who is personally known to me or has produced Florida Drivers License as identification.

Lisa T. Richardson
Notary Public
 LISA T. RICHARDSON
Commission DD 654708
Expires July 20, 2011
Bonded Thru Troy Fain Insurance 800-385-7019

Rec 18.50

(3)

THIS INSTRUMENT WAS PREPARED BY:
FIRST FEDERAL SAVINGS BANK OF FLORIDA
4705 WEST U.S. HIGHWAY 90
P.O. BOX 2029
LAKE CITY, FLORIDA 32056

PERMIT NO. _____

TAX FOLIO NO. _____

NOTICE OF COMMENCEMENT

STATE OF FLORIDA
COUNTY OF _____

Inst: 200712020901 Date: 9/13/2007 Time: 3:36 PM
DC, P. DeWitt Cason, Columbia County Page 1 of 2

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: Attached
2. General description of improvement: Construction of Dwelling
3. Owner information:
 - a. Name and address: Janet A. Stetz, 756 SW Itchetucknee Avenue, Lake City, Florida 32024
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): Hometown Homes, 1100 S. First Street, Lake City, Florida 32025
5. Surety:
 - a. Name and address: None.
 - b. Amount of bond: _____
6. Lender: **FIRST FEDERAL SAVINGS BANK OF FLORIDA**
4705 WEST U.S. HIGHWAY 90
P. O. BOX 2029
LAKE CITY, FLORIDA 32056
7. Persons within the State of Florida designated by Owner upon whom notices or other document may be served as provided by Section 713.13 (1) (a) 7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HACKER of FIRST FEDERAL SAVINGS BANK OF FLORIDA, 4705 West U.S. Highway 90 / P. O. Box 2029, Lake City, Florida 32056 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 the date of recording unless a different date is specified).

Janet Stetz
Borrower Name

Co-Borrower Name

The foregoing instrument was acknowledged before me this 7th day of Sept., 2007, by JANET A. STETZ, who is personally known to me or who has produced driver's license for identification.



Diane S. Edenfield
Commission # DD514461
Expires May 26, 2010
Behind The Pen Insurance Inc. 800-368-7010

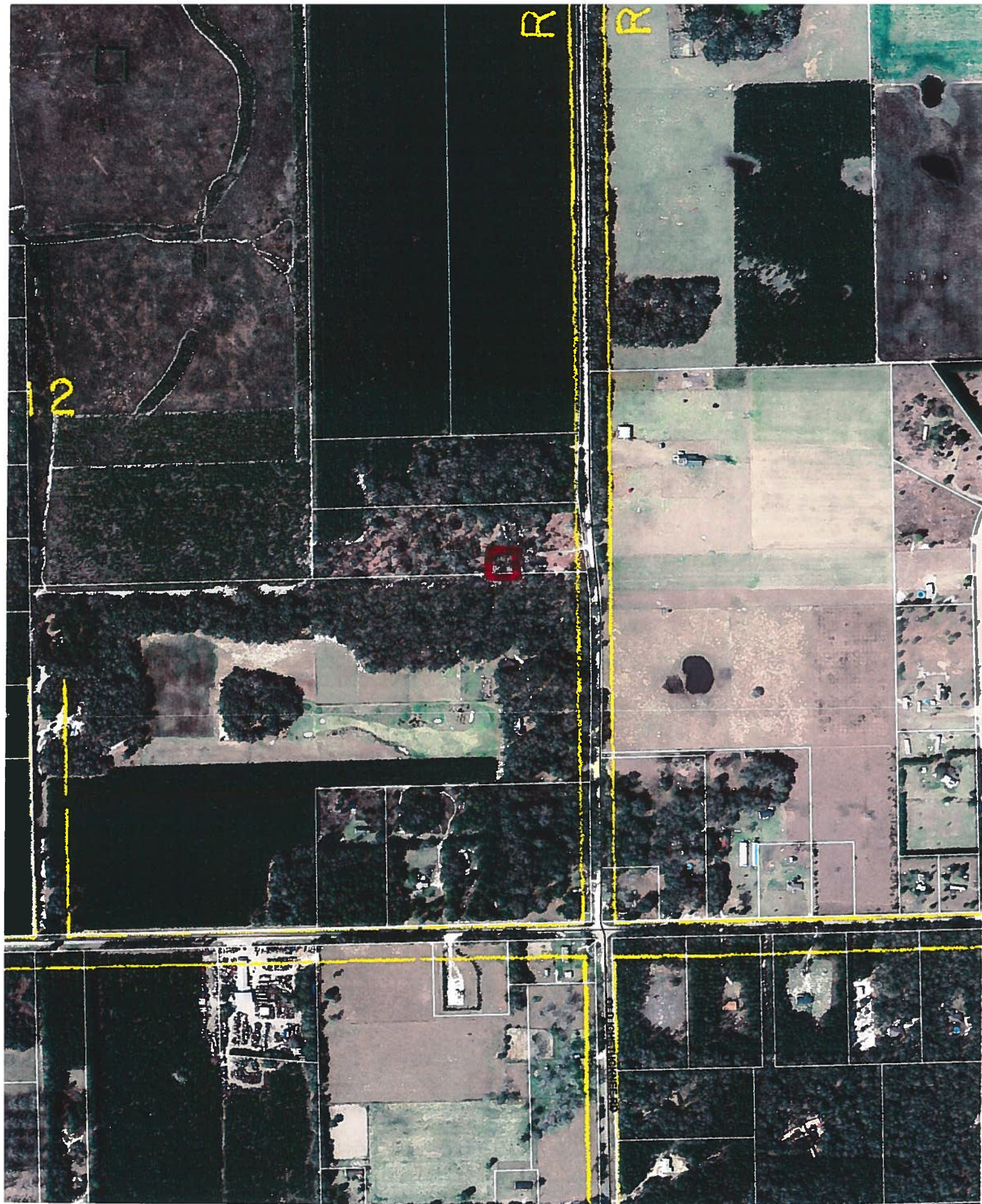
Diane S. Edenfield
Notary Public
My Commission Expires: _____

EXHIBIT A

Part of the South 10 acres of the North 3/4 of the Northeast 1/4 of the Southeast 1/4 of Section 12, Township 5 South, Range 15 East, Columbia County, Florida, more particularly described as follows:

Commence at a concrete monument marking the Southeast corner of the North 3/4 of the Northeast 1/4 of the Southeast 1/4 and run thence West along the monumented South line of said North 3/4 of the Northeast 1/4 of the Southeast 1/4, a distance of 272.11 feet to a 5/8" iron rod, LS 4708, and the Point of Beginning; thence continue West, along said South line, a distance of 163.40 feet to a 5/8" iron rod, LS 4708; thence North 00 degrees 00 minutes 06 seconds East, a distance of 133.30 feet to a 5/8" iron rod, LS 4708; thence East, parallel to said monumented South line, a distance of 163.40 feet to a 5/8" iron rod, LS 4708; thence South 00 degrees 00 minutes 06 seconds West, a distance of 133.30 feet to the Point of Beginning.

TOGETHER with a 30.00 foot ingress and egress easement over and across the South 30.00 feet of the South 10 acres of the North 3/4 of the Northeast 1/4 of the Southeast 1/4, Section 12, Township 5 South, Range 15 East, as lies West of SW Ichetucknee Avenue (a County graded public road), and the East line of the above described property. This easement is to give access from SW Ichetucknee Road to the above described parcel of land.



0710-15

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: 709122KeenRichard Address: Old Itchetucknee Rd, City, State: , FL Owner: Stetz Residence Climate Zone: North	Builder: Permitting Office: Columbia Permit Number: 26231 Jurisdiction Number: 221000
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<ol style="list-style-type: none"> 1. New construction or existing New <input type="checkbox"/> 2. Single family or multi-family Single family <input type="checkbox"/> 3. Number of units, if multi-family 1 <input type="checkbox"/> 4. Number of Bedrooms 3 <input type="checkbox"/> 5. Is this a worst case? Yes <input type="checkbox"/> 6. Conditioned floor area (ft²) 1395 ft² <input type="checkbox"/> 7. Glass type¹ and area: (Label reqd. by 13-104.4.5 if not default) <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. U-factor:</td> <td style="width: 30%;">Description</td> <td style="width: 40%;">Area</td> </tr> <tr> <td>(or Single or Double DEFAULT)</td> <td>7a. (Dble Default)</td> <td>89.0 ft²</td> </tr> <tr> <td>b. SHGC:</td> <td>7b. (Clear)</td> <td>89.0 ft²</td> </tr> <tr> <td>(or Clear or Tint DEFAULT)</td> <td></td> <td></td> </tr> </table> 8. Floor types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Slab-On-Grade Edge Insulation</td> <td style="width: 70%;">R=0.0, 152.0(p) ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 9. Wall types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Frame, Wood, Exterior</td> <td style="width: 70%;">R=13.0, 1087.0 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> <tr> <td>d. N/A</td> <td></td> </tr> <tr> <td>e. N/A</td> <td></td> </tr> </table> 10. Ceiling types <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Under Attic</td> <td style="width: 70%;">R=30.0, 1395.0 ft²</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 11. Ducts <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">a. Sup: Unc. Ret: Unc. AH: Interior</td> <td style="width: 70%;">Sup. R=6.0, 145.0 ft</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> </table> 	a. U-factor:	Description	Area	(or Single or Double DEFAULT)	7a. (Dble Default)	89.0 ft²	b. SHGC:	7b. (Clear)	89.0 ft²	(or Clear or Tint DEFAULT)			a. Slab-On-Grade Edge Insulation	R=0.0, 152.0(p) ft	b. N/A		c. N/A		a. Frame, Wood, Exterior	R=13.0, 1087.0 ft²	b. N/A		c. N/A		d. N/A		e. N/A		a. Under Attic	R=30.0, 1395.0 ft²	b. N/A		c. N/A		a. Sup: Unc. Ret: Unc. AH: Interior	Sup. R=6.0, 145.0 ft	b. N/A		<ol style="list-style-type: none"> 12. Cooling systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Central Unit</td> <td style="width: 50%;">Cap: 26.0 kBtu/hr SEER: 13.00</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 13. Heating systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Electric Heat Pump</td> <td style="width: 50%;">Cap: 26.0 kBtu/hr HSPF: 7.90</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. N/A</td> <td></td> </tr> </table> 14. Hot water systems <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">a. Electric Resistance</td> <td style="width: 50%;">Cap: 40.0 gallons EF: 0.93</td> </tr> <tr> <td>b. N/A</td> <td></td> </tr> <tr> <td>c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)</td> <td></td> </tr> </table> 15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) 	a. Central Unit	Cap: 26.0 kBtu/hr SEER: 13.00	b. N/A		c. N/A		a. Electric Heat Pump	Cap: 26.0 kBtu/hr HSPF: 7.90	b. N/A		c. N/A		a. Electric Resistance	Cap: 40.0 gallons EF: 0.93	b. N/A		c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump)	
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Glass/Floor Area: 0.06

Total as-built points: 17727

Total base points: 22484

PASS

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

PREPARED BY: [Signature]

DATE: 9-14-07

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

OWNER/AGENT: [Signature]

DATE: 10/4/07

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.

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Old Itchetucknee Rd,, , 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	1395.0	20.04	5032.0	Double, Clear	E	1.5	5.5	15.0	42.06	0.90	565.5												
				Double, Clear	E	1.5	3.5	9.0	42.06	0.78	293.6												
				Double, Clear	S	1.5	1.5	5.0	35.87	0.52	93.4												
				Double, Clear	W	1.5	5.5	30.0	38.52	0.90	1036.6												
				Double, Clear	W	6.0	5.5	30.0	38.52	0.51	587.8												
				As-Built Total:								89.0	2576.8										
WALL TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points																			
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1087.0	1.50	1630.5														
Exterior	1087.0	1.70	1847.9																				
Base Total:				1087.0				1847.9				As-Built Total:				1087.0				1630.5			
DOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points																			
Adjacent	0.0	0.00	0.0	Exterior Insulated	20.0		40.0	4.10	82.0														
Exterior	40.0	4.10	164.0	Exterior Insulated			40.0	4.10	82.0														
Base Total:				40.0				164.0				As-Built Total:				40.0				164.0			
CEILING TYPES Area X BSPM = Points				Type R-Value Area X SPM X SCM = Points																			
Under Attic	1395.0	1.73	2413.4	Under Attic	30.0		1395.0	1.73 X 1.00	2413.4														
Base Total:				1395.0				2413.4				As-Built Total:				1395.0				2413.4			
FLOOR TYPES Area X BSPM = Points				Type R-Value Area X SPM = Points																			
Slab	152.0(p)	-37.0	-5624.0	Slab-On-Grade Edge Insulation	0.0		152.0(p)	-41.20	-6262.4														
Raised	0.0	0.00	0.0																				
Base Total:				-5624.0				As-Built Total:				152.0				-6262.4							
INFILTRATION Area X BSPM = Points				Area X SPM = Points																			
1395.0				10.21				14243.0				1395.0				10.21				14243.0			

SUMMER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Old Itchetucknee Rd,, , FL,

PERMIT #:

BASE				AS-BUILT											
Summer Base Points: 18076.2				Summer As-Built Points: 14765.2											
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component (System - Points)	X	Cap Ratio	X	Duct Multiplier (DM x DSM x AHU)	X	System Multiplier	X	Credit Multiplier	= Cooling Points		
18076.2		0.4266	7711.3	(sys 1: Central Unit 26000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS) 14765	1.00	(1.09 x 1.147 x 0.91)	0.263	1.000	4410.3	14765.2	1.00	1.138	0.263	1.000	4410.3

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Old Itchetucknee Rd,, , 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	1395.0	12.74	3199.0	Double, Clear	E	1.5	5.5	15.0	18.79	1.04	293.5
				Double, Clear	E	1.5	3.5	9.0	18.79	1.09	185.0
				Double, Clear	S	1.5	1.5	5.0	13.30	2.73	181.6
				Double, Clear	W	1.5	5.5	30.0	20.73	1.03	639.3
				Double, Clear	W	6.0	5.5	30.0	20.73	1.18	731.7
				As-Built Total:				89.0	2031.2		
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	13.0		1087.0	3.40		3695.8	
Exterior	1087.0	3.70	4021.9								
Base Total:				1087.0		4021.9					
				As-Built Total:		1087.0		3695.8			
DOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	0.0	0.00	0.0	Exterior Insulated			20.0	8.40		168.0	
Exterior	40.0	8.40	336.0	Exterior Insulated			20.0	8.40		168.0	
Base Total:				40.0		336.0					
				As-Built Total:		40.0		336.0			
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	1395.0	2.05	2859.8	Under Attic	30.0		1395.0	2.05 X 1.00		2859.8	
Base Total:				1395.0		2859.8					
				As-Built Total:		1395.0		2859.8			
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	152.0(p)	8.9	1352.8	Slab-On-Grade Edge Insulation	0.0		152.0(p)	18.80		2857.6	
Raised	0.0	0.00	0.0								
Base Total:				152.0		1352.8					
				As-Built Total:		152.0		2857.6			
INFILTRATION Area X BWPM = Points						Area X WPM = Points					
						1395.0		-0.59		-823.0	

WINTER CALCULATIONS

Residential Whole Building Performance Method A - Details

ADDRESS: Old Itchetucknee Rd,, , FL,

PERMIT #:

BASE			AS-BUILT					
Winter Base Points: 10946.4			Winter As-Built Points: 10957.3					
Total Winter Points	X System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points
10946.4	0.6274	6867.8	(sys 1: Electric Heat Pump 26000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 10957.3	1.000	(1.069 x 1.169 x 0.93)	0.432	1.000	5496.7
10946.4	0.6274	6867.8	10957.3	1.00	1.162	0.432	1.000	5496.7

WATER HEATING & CODE COMPLIANCE STATUS

Residential Whole Building Performance Method A - Details

ADDRESS: Old Itchetucknee Rd., , 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 = Total Multiplier
3		2635.00	7905.0	40.0	0.93	3	1.00	2606.67	1.00 7820.0
				As-Built Total:					7820.0

CODE COMPLIANCE STATUS									
BASE					AS-BUILT				
Cooling Points	+	Heating Points	+	Hot Water Points = Total Points	Cooling Points	+	Heating Points	+	Hot Water Points = Total Points
7711		6868		7905 22484	4410		5497		7820 17727

PASS



Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS: Old Itchetucknee Rd,, , 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 612.1.ABC.3.2. 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* = 87.3

The higher the score, the more efficient the home.

Stetz Residence, Old Itchetucknee Rd., , FL,

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 26.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 13.00
4. Number of Bedrooms	3	b. N/A	
5. Is this a worst case?	Yes	c. N/A	
6. Conditioned floor area (ft²)	1395 ft²		
7. Glass type ¹ and area: (Label reqd. by 13-104.4.5 if not default)		13. Heating systems	
a. U-factor:	Description Area	a. Electric Heat Pump	Cap: 26.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 89.0 ft²		HSPF: 7.90
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 89.0 ft²	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 152.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.93
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=13.0, 1087.0 ft²	(HR-Heat recovery, Solar	
b. N/A		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, 1395.0 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, 145.0 ft		
b. N/A			

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

Builder Signature: [Signature]

Date: 10/4/07

Address of New Home: 756 SW Itchetucknee City/FL Zip: Lake city FL 32029



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

1 Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.
EnergyGauge® (Version: FLR2PB v4.1)

Residential System Sizing Calculation

Summary

Stetz Residence
Old Itchetucknee Rd,
FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

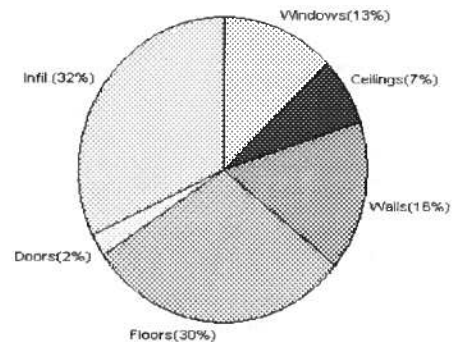
9/14/2007

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	22315 Btuh	Total cooling load calculation	16655 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	116.5 26000	Sensible (SHR = 0.75)	160.8 19500
Heat Pump + Auxiliary(0.0kW)	116.5 26000	Latent	143.5 6500
		Total (Electric Heat Pump)	156.1 26000

WINTER CALCULATIONS

Winter Heating Load (for 1395 sqft)

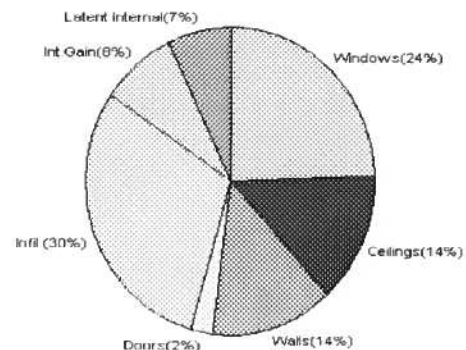
Load component		Load
Window total	89 sqft	2865 Btuh
Wall total	1087 sqft	3570 Btuh
Door total	40 sqft	518 Btuh
Ceiling total	1395 sqft	1644 Btuh
Floor total	152 sqft	6636 Btuh
Infiltration	175 cfm	7082 Btuh
Duct loss		0 Btuh
Subtotal		22315 Btuh
Ventilation	0 cfm	0 Btuh
TOTAL HEAT LOSS		22315 Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1395 sqft)

Load component		Load
Window total	89 sqft	4078 Btuh
Wall total	1087 sqft	2267 Btuh
Door total	40 sqft	392 Btuh
Ceiling total	1395 sqft	2310 Btuh
Floor total		0 Btuh
Infiltration	91 cfm	1696 Btuh
Internal gain		1380 Btuh
Duct gain		0 Btuh
Sens. Ventilation	0 cfm	0 Btuh
Total sensible gain		12124 Btuh
Latent gain(ducts)		0 Btuh
Latent gain(infiltration)		3331 Btuh
Latent gain(ventilation)		0 Btuh
Latent gain(internal/occupants/other)		1200 Btuh
Total latent gain		4531 Btuh
TOTAL HEAT GAIN		16655 Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY: *[Signature]*

DATE: *9-14-07*

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

9/14/2007

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
2	2, Clear, Metal, 0.87	NW	9.0		32.2	290 Btuh
3	2, Clear, Metal, 0.87	NE	5.0		32.2	161 Btuh
4	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
5	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
Window Total			89(sqft)			2865 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1087		3.3	3570 Btuh
Wall Total			1087			3570 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
Door Total			40			518Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1395		1.2	1644 Btuh
Ceiling Total			1395			1644Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	152.0	ft(p)	43.7	6636 Btuh
Floor Total			152			6636 Btuh
Zone Envelope Subtotal:						15233 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.94	11160	174.8		7082 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					22315 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	22315 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22315 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

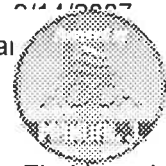
Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

9/14/2007

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	15.0		32.2	483 Btuh
2	2, Clear, Metal, 0.87	NW	9.0		32.2	290 Btuh
3	2, Clear, Metal, 0.87	NE	5.0		32.2	161 Btuh
4	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
5	2, Clear, Metal, 0.87	SE	30.0		32.2	966 Btuh
	Window Total		89(sqft)			2865 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Frame - Wood - Ext(0.09)	13.0	1087		3.3	3570 Btuh
	Wall Total		1087			3570 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Exterior		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
	Door Total		40			518Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1395		1.2	1644 Btuh
	Ceiling Total		1395			1644Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	152.0 ft(p)		43.7	6636 Btuh
	Floor Total		152			6636 Btuh
	Zone Envelope Subtotal:					15233 Btuh
Infiltration	Type	ACH X	Zone Volume		CFM=	
	Natural	0.94	11160		174.8	7082 Btuh
Ductload	Average sealed, R6.0, Supply(Attic), Return(Attic)				(DLM of 0.00)	0 Btuh
Zone #1	Sensible Zone Subtotal					22315 Btuh

WHOLE HOUSE TOTALS

	Subtotal Sensible	22315 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	22315 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North



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

For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F

9/14/2007

This calculation is for Worst Case. The house has been rotated 315 degrees.

Component Loads for Whole House

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901	Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	3.5ft.	9.0	0.0	9.0	29	60	540	Btuh
3	2, Clear, 0.87, None,N,N	NE	1.5ft.	1.5ft.	5.0	0.0	5.0	29	60	300	Btuh
4	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468	Btuh
5	2, Clear, 0.87, None,N,N	SE	6ft.	5.5ft.	30.0	30.0	0.0	29	63	869	Btuh
	Window Total				89 (sqft)					4078 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load	
1	Frame - Wood - Ext		13.0/0.09		1087.0			2.1		2267 Btuh	
	Wall Total				1087 (sqft)					2267 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Exterior				20.0			9.8		196 Btuh	
2	Insulated - Exterior				20.0			9.8		196 Btuh	
	Door Total				40 (sqft)					392 Btuh	
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle		30.0		1395.0			1.7		2310 Btuh	
	Ceiling Total				1395 (sqft)					2310 Btuh	
Floors	Type		R-Value		Size			HTM		Load	
1	Slab On Grade		0.0		152 (ft(p))			0.0		0 Btuh	
	Floor Total				152.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									9048 Btuh	
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load	
	SensibleNatural		0.49		11160			91.1		1696 Btuh	
Internal gain			Occupants		Btuh/occupant			Appliance		Load	
			6		X 230 +			0		1380 Btuh	
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									12124 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

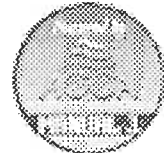
Class 3 Rating
Registration No. 0
Climate: North

9/14/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	12124 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	12124 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	12124 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3331 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	4531 Btuh
	TOTAL GAIN	16655 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)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

Reference City: Gainesville (Defaults) Summer Temperature Difference: 17.0 F
This calculation is for Worst Case. The house has been rotated 315 degrees.

9/14/2007

Component Loads for Zone #1: Main

Window	Type*		Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft.	5.5ft.	15.0	0.0	15.0	29	60	901 Btuh	
2	2, Clear, 0.87, None,N,N	NW	1.5ft.	3.5ft.	9.0	0.0	9.0	29	60	540 Btuh	
3	2, Clear, 0.87, None,N,N	NE	1.5ft.	1.5ft.	5.0	0.0	5.0	29	60	300 Btuh	
4	2, Clear, 0.87, None,N,N	SE	1.5ft.	5.5ft.	30.0	12.1	17.9	29	63	1468 Btuh	
5	2, Clear, 0.87, None,N,N	SE	6ft.	5.5ft.	30.0	30.0	0.0	29	63	869 Btuh	
	Window Total				89 (sqft)					4078 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)			HTM		Load	
1	Frame - Wood - Ext		13.0/0.09		1087.0			2.1		2267 Btuh	
	Wall Total				1087 (sqft)					2267 Btuh	
Doors	Type				Area (sqft)			HTM		Load	
1	Insulated - Exterior				20.0			9.8		196 Btuh	
2	Insulated - Exterior				20.0			9.8		196 Btuh	
	Door Total				40 (sqft)					392 Btuh	
Ceilings	Type/Color/Surface		R-Value		Area(sqft)			HTM		Load	
1	Vented Attic/DarkShingle		30.0		1395.0			1.7		2310 Btuh	
	Ceiling Total				1395 (sqft)					2310 Btuh	
Floors	Type		R-Value		Size			HTM		Load	
1	Slab On Grade		0.0		152 (ft(p))			0.0		0 Btuh	
	Floor Total				152.0 (sqft)					0 Btuh	
	Zone Envelope Subtotal:									9048 Btuh	
Infiltration	Type		ACH		Volume(cuft)			CFM=		Load	
	SensibleNatural		0.49		11160			91.1		1696 Btuh	
Internal gain			Occupants		Btuh/occupant			Appliance		Load	
			6		X	230	+	0		1380 Btuh	
Duct load	Average sealed, R6.0, Supply(Attic), Return(Attic)									DGM = 0.00	0.0 Btuh
	Sensible Zone Load									12124 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

Class 3 Rating
Registration No. 0
Climate: North

9/14/2007

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	12124 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	12124 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	12124 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3331 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	4531 Btuh
	TOTAL GAIN	16655 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)



For Florida residences only

Residential Window Diversity

MidSummer

Stetz Residence
Old Itchetucknee Rd,
, FL

Project Title:
709122KeenRichard

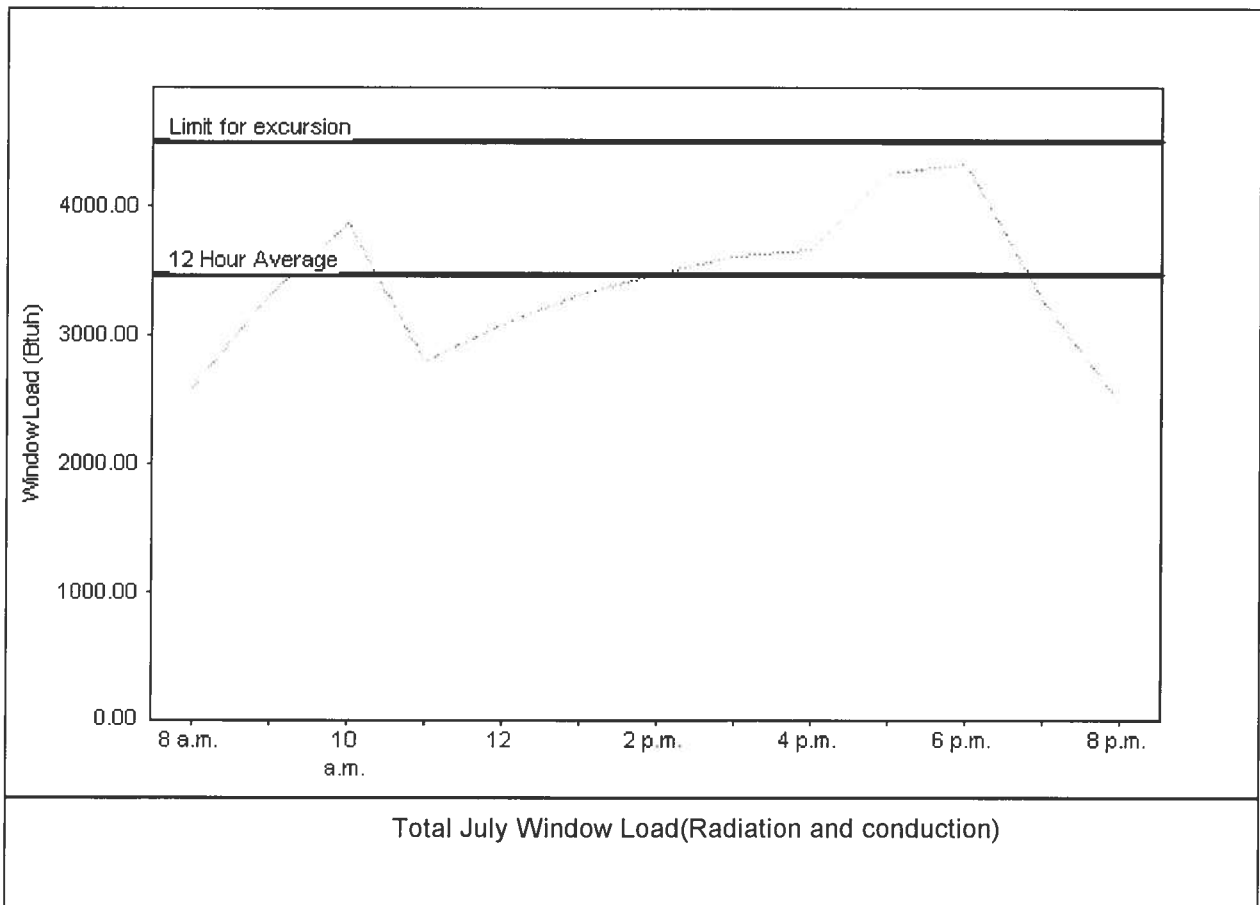
Class 3 Rating
Registration No. 0
Climate: North

9/14/2007

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	3459 Btuh
Summer setpoint	75 F	Peak window load for July	4325 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	4497 Btuh
Latitude	29 North	Window excursion (July)	None

WINDOW Average and Peak Loads



The midsummer window load for this house does not exceed the window load excursion limit.
This house has adequate midsummer window diversity.

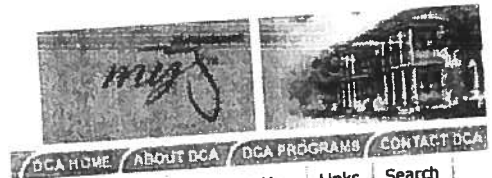
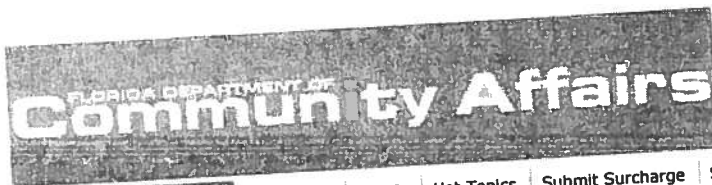
EnergyGauge® System Sizing for Florida residences only

PREPARED BY: *[Signature]*

DATE: *9-14-07*

EnergyGauge® FLR2PB v4.1





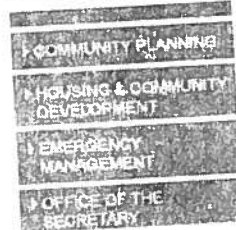
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Product Approval

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FL #	FL7052
Application Type	New
Code Version	2004
Application Status	Approved
Comments	
Archived	
Product Manufacturer	Alenco Windows
Address/Phone/Email	615 Carson Street Bryan, TX 77801 (979) 777-9105 info@ptc-corp.com
Authorized Signature	Martin Koppers info@ptc-corp.com
Technical Representative	
Address/Phone/Email	
Quality Assurance Representative	
Address/Phone/Email	
Category	Windows
Subcategory	Mullions
Compliance Method	Evaluation Report from a Florida Registered Architect or a Licensed Florida Professional Engineer <input checked="" type="checkbox"/> Evaluation Report - Hardcopy Received
Florida Engineer or Architect Name who developed the Evaluation Report	Eric S. Nielsen
Florida License	PE-41323
Quality Assurance Entity	National Accreditation & Management Institute,
Validated By	Rene J.Quiroga, PE
Certificate of Independence	FL7052 RO COI COI 3700 4700 Mullions.pdf
Referenced Standard and Year (of Standard)	
Equivalence of Product Standards Certified By	
Sections from the Code	1714.5.5

Product Approval Method

Method 2 Option B

Date Submitted

06/22/2006

Date Validated

08/04/2006

Date Pending FBC Approval

08/09/2006

Date Approved

08/22/2006

Summary of Products

FL #	Model, Number or Name	Description
7052.1	3700	Horizontal Fin Tube Aluminum Mullion. HP Mulls.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0004 REV A		Installation Instructions FL7052_R0_II_ALEN0004.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_343A-R1.pdf FL7052_R0_AE_343-R1.pdf
7052.2	3700	Vertical Fin Tube Aluminum Mullion. Standard and HP Mulls.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0003 REV A		Installation Instructions FL7052_R0_II_ALEN0003.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_346-R1.pdf FL7052_R0_AE_347-R1.pdf
7052.3	3700	Horizontal Flange Tube Aluminum Mullion. HP Mulls.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0006 REV A		Installation Instructions FL7052_R0_II_ALEN0006.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_344A-R1.pdf FL7052_R0_AE_344-R1.pdf
7052.4	3700	Vertical Flange Tube Aluminum Mullion. Standard and HP Mulls.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0005 REV A		Installation Instructions FL7052_R0_II_ALEN0005.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_349-R1.pdf FL7052_R0_AE_350-R1.pdf
7052.5	3700	Horizontal Fin Tube Aluminum Mullion. Standard Mulls.
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0013 REV A		Installation Instructions FL7052_R0_II_ALEN0013.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_348A-R1.pdf FL7052_R0_AE_348-R1.pdf
7052.6	3700	Horizontal Flange Tube Aluminum Mullion. Standard Mulls.
Limits of Use Approved for use in HVHZ: No		Installation Instructions FL7052_R0_II_ALEN0014.pdf

Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0014 REV A		Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_345A-R1.pdf FL7052_R0_AE_345-R1.pdf
7052.7	4700	Vertical Tube Aluminum Mullion. Twinning Mulls. Installation Instructions FL7052_R0_II_ALEN0009.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_4700-1.pdf
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0009		
7052.8	4700	Vertical Flange Tube Aluminum Mullion. Standard Mulls. Installation Instructions FL7052_R0_II_ALEN0007.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_4700-2.pdf
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0007		
7052.9	4700	Horizontal Fin Tube Aluminum Mullion. Standard Mulls. Installation Instructions FL7052_R0_II_ALEN0012.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_4700-4.pdf FL7052_R0_AE_4700-5.pdf
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0012		
7052.10	4700	Horizontal Tube Aluminum Mullion. Stack Up Mulls. Installation Instructions FL7052_R0_II_ALEN0010.pdf Verified By: Eric S. Nielsen PE# 41323 Evaluation Reports FL7052_R0_AE_4700-8.pdf
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0010		
7052.11	4700	Horizontal Flange Tube Aluminum Mullion. Standard Mulls. Installation Instructions FL7052_R0_II_ALEN0008.pdf Verified By: Eric S. Nielsen PE#41323 Evaluation Reports FL7052_R0_AE_4700-6.pdf FL7052_R0_AE_4700-7.pdf
Limits of Use Approved for use in HVHZ: No Approved for use outside HVHZ: Yes Impact Resistant: N/A Design Pressure: N/A Other: Performance Varies. See attached design pressures on Drawing # ALEN0008		

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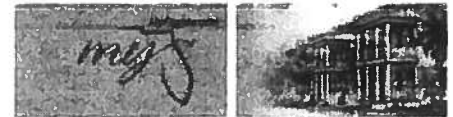
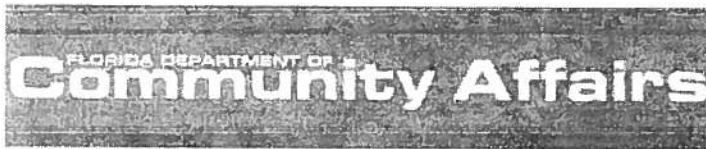
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Department of Community Affairs
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 Codes and Standards
 2555 Shumard Oak Boulevard
 Tallahassee, Florida 32399-2100

(850) 487-1824, Suncom 277-1824, Fax (850) 414-8436

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Product Approval Accepts:



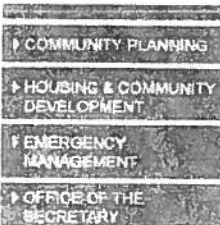
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FL #	FL1476-R2						
Application Type	Revision						
Code Version	2004						
Application Status	Approved						
Comments							
Archived							
Product Manufacturer	Elk Corporation						
Address/Phone/Email	4600 Stillman Blvd. Tuscaloosa, AL 35401 (816) 350-1982 bryson.m@sbcglobal.net						
Authorized Signature	Daniel DeJarnette daniel.dejarnette@elkcorp.com						
Technical Representative	Daniel DeJarnette						
Address/Phone/Email	4600 Stillman Blvd Tuscaloosa, AL 35401 (205) 342-0298 daniel.dejarnette@elkcorp.com						
Quality Assurance Representative							
Address/Phone/Email							
Category	Roofing						
Subcategory	Asphalt Shingles						
Compliance Method	Certification Mark or Listing						
Certification Agency	Underwriters Laboratories Inc.						
Referenced Standard and Year (of Standard)	<table> <thead> <tr> <th><u>Standard</u></th><th><u>Year</u></th></tr> </thead> <tbody> <tr> <td>ASTM D3462</td><td>2001</td></tr> <tr> <td>TAS 107</td><td>1995</td></tr> </tbody> </table>	<u>Standard</u>	<u>Year</u>	ASTM D3462	2001	TAS 107	1995
<u>Standard</u>	<u>Year</u>						
ASTM D3462	2001						
TAS 107	1995						
Equivalence of Product Standards Certified By							
Product Approval Method	Method 1 Option A						



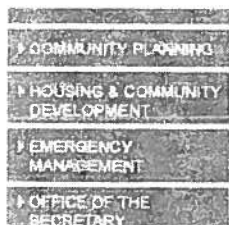
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FL # FL5465
Application Type New
Code Version 2004
Application Status Approved
Comments
Archived

Product Manufacturer Masonite International
Address/Phone/Email One North Dale Mabry
 Suite 950
 Tampa, FL 33609
 (615) 441-4258
 sschreiber@masonite.com

Authorized Signature Steve Schreiber
 sschreiber@masonite.com

Technical Representative
Address/Phone/Email

Quality Assurance Representative
Address/Phone/Email

Category Exterior Doors
Subcategory Swinging Exterior Door Assemblies

Compliance Method Certification Mark or Listing

Certification Agency National Accreditation & Management Institute,

Referenced Standard and Year (of Standard)	Standard	Year
	ASTM E1300	2002
	ASTM E1300	1998
	TAS 202	1994

Equivalence of Product Standards
Certified By

Sections from the Code Section 2612 HVHZ PI

Product Approval Method Method 1 Option A

Date Submitted	09/23/2005
Date Validated	10/16/2005
Date Pending FBC Approval	10/01/2005
Date Approved	10/19/2005

Summary of Products

FL #	Model, Number or Name	Description
5465.1	Wood-edge Steel Side-Hinged Door Unit	6'-8" Glazed I/S and O/S Double Door
Limits of Use (See Other) Approved for use in HVHZ: Approved for use outside HVHZ: Impact Resistant: Design Pressure: +/- Other: Evaluated for use in locations adhering to the Florida Building Code including the High Velocity Hurricane Zone, and where pressure requirements as determined by ASCE7, Minimum Design Loads for Buildings and Other Structures, does not exceed the design pressures listed. 6'-0" x 6'-8" max nominal size. Max DP = +/- 50.5. When large missile impact resistance is required, hurricane protective system is required. See installation drawing DWG-MA-FL0142-05 for additional information.		Certification Agency Certificate Installation Instructions PTID 5465 I ST XX Installation.pdf Verified By:

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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

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Product Approval Accepts:

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND 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 12-5S-16-00446-006

Building permit No. 000026321

Use Classification SFD/UTILITY

Fire: 0.00

Permit Holder JAMES H. JOHNSTON

Waste: 0.00

Owner of Building JANET STETZ

Total: 0.00

Location: 756 SW ICHETUCKNEE AVENUE

Date: 12/20/2007

Wayne D. Ruess

Building Inspector

POST IN A CONSPICUOUS PLACE
(Business Places Only)