

DATE08/23/2006

Columbia County Building Permit

PERMIT000024906

This Permit Expires One Year From the Date of Issue

APPLICANTDOUGLAS JIPSON

PHONE454-4446

ADDRESS460SW RIVERLAND COURT

FT. WHITE

FL32038

OWNERDOUGLAS JIPSON

PHONE454-4446

ADDRESS460SW RIVERLAND COURT

FT. WHITE

FL32038

CONTRACTORDOUGLAS JIPSON

PHONE454-4446

LOCATION OF PROPERTY

47S, TL ON CR 138, TR ON RUM ISLAND TERR, TO RIVERLAND COURT, THROUGH GATE, 1ST ON RIGHT

TYPE DEVELOPMENT

SFD,UTILITY

ESTIMATED COST OF CONSTRUCTION

139000.00

HEATED FLOOR AREA

2780.00

TOTAL AREA

3560.00

HEIGHT

STORIES

1

FOUNDATION

CONC

WALLS

FRAMED

ROOF PITCH

4/12

FLOOR

SLAB

LAND USE & ZONING

ESA

MAX. HEIGHT

Minimum Set Back Requirments:

STREET-FRONT

30.00

REAR

25.00

SIDE

25.00

NO. EX.D.U.

1

FLOOD ZONE

AE

DEVELOPMENT PERMIT NO.

06-017

PARCEL ID

36-7S-16-04352-000

SUBDIVISION

GOV'T

LOT

5

BLOCK

PHASE

UNIT

TOTAL ACRES

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING

06-0683-E

BK

JH

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

COMMENTS:

1ST FLOOR ELEVATION TO BE 40 FT, ELEVATION CERTIFICATION REQUIRED BEFORE POWER, MH WILL BE REMOVED 30 DAYS AFTER CO IS ISSUED

Check # or Cash

7574

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary Power

Foundation

Monolithic

date/app. by

date/app. by

date/app. by

Under slab rough-in plumbing

Slab

Sheathing/Nailing

date/app. by

date/app. by

date/app. by

Framing

Rough-in plumbing above slab and below wood floor

date/app. by

date/app. by

Electrical rough-in

Heat & Air Duct

Peri. beam (Lintel)

date/app. by

date/app. by

date/app. by

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

date/app. by

M/H tie downs, blocking, electricity and plumbing

Pool

date/app. by

date/app. by

Reconnection

Pump pole

Utility Pole

date/app. by

date/app. by

date/app. by

M/H Pole

Travel Trailer

Re-roof

date/app. by

date/app. by

date/app. by

BUILDING PERMIT FEE \$

659.00

CERTIFICATION FEE \$

17.80

SURCHARGE FEE \$

17.80

MISC. FEES \$

0.00

ZONING CERT. FEE \$

50.00

FIRE FEE \$

0.00

WASTE FEE \$

FLOOD DEVELOPMENT FEE \$

50.00

FLOOD ZONE FEE \$

25.00

CULVERT FEE \$

TOTAL FEE

819.60

INSPECTORS OFFICE

CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY. AND THERE MAY BE ADDITIONAL PERMITS REQUIRED FROM OTHER GOVERNMENTAL ENTITIES SUCH AS WATER MANAGEMENT DISTRICTS, STATE AGENCIES, OR FEDERAL AGENCIES.

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

**This Permit Must Be Prominently Posted on Premises During Construction**

PLEASE NOTIFY THE COLUMBIA COUNTY BUILDING DEPARTMENT AT LEAST 24 HOURS IN ADVANCE OF EACH INSPECTION, IN ORDER THAT IT MAY BE MADE WITHOUT DELAY OR INCONVENIENCE, PHONE 758-1008. THIS PERMIT IS NOT VALID UNLESS THE WORK AUTHORIZED BY IT IS COMMENCED WITHIN 6 MONTHS AFTER ISSUANCE.

The Issuance of this Permit Does Not Waive Compliance by Permittee with Deed Restrictions.

CH# 7574 1st message 8/22/06

Columbia County Building Permit Application

Revised 9-23-04

For Office Use Only Application # 0608-19 Date Received 8/7/06 By GT Permit # 24906  
Application Approved by - Zoning Official BLK Date 22.08.06 Plans Examiner OK7H Date 8-22-06  
Flood Zone AE Development Permit YES Zoning ESA Land Use Plan Map Category Envir. Sensitive  
Comments co issued 1st Floor Elevation to be 40 ft. Elevation cert required  
30 Days after MH will be removed - set ASSES before power

Applicants Name DOUGLAS JIPSON Phone 386.454.4446  
Address 460 SW Riverland Ct Fort White FL 32038  
Owners Name Douglas and Merrilee Jipson Phone 386.454.4446  
911 Address 460 SW Riverland Ct  
Contractors Name Doug Jipson Phone 386.454.4446  
Address 460 SW Riverland Ct. Ft White FL 32038  
Fee Simple Owner Name & Address N/A  
Bonding Co. Name & Address N/A  
Architect/Engineer Name & Address MARK DISOWAY POB868 Lake City FL 32056  
Mortgage Lenders Name & Address N/A

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number 36-75-16-04352-000 Estimated Cost of Construction \$200,000.00  
Subdivision Name Gov't Lot 5 Block      Unit      Phase       
Driving Directions 475 NCR 138 to Rm Island Terr 50 Straight to Riverland Court - Through gate to 460 - 1st on right

Type of Construction ICF Concrete SFD Number of Existing Dwellings on Property 1  
Total Acreage 18 Lot Size      Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive  
Actual Distance of Structure from Property Lines - Front 203' 1" Side 214' 7" Side 816' Rear 180.3'  
Total Building Height 18' 4.5" Number of Stories 1 Heated Floor Area 2780 Roof Pitch 3/560

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

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

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

Douglas Jipson  
Owner Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA



Contractor Signature  
Contractors License Number  
Competency Card Number  
NOTARY STAMP/SEAL

Sworn to (or affirmed) and subscribed before me  
this 7th day of Aug 2006

Personally known DL or Produced Identification

Gale Tedder  
Notary Signature

**Columbia County Building Department  
Flood Development Permit**

**Development Permit  
F 023- 06-017**

DATE 08/23/2006 BUILDING PERMIT NUMBER 000024906  
APPLICANT DOUGLAS JIPSON PHONE 454-4446  
ADDRESS 460 SW RIVERLAND COURT FT. WHITE FL 32038  
OWNER DOUGLAS JIPSON PHONE 454-4446  
ADDRESS 460 SW RIVERLAND COURT FT. WHITE FL 32038  
CONTRACTOR DOUGLAS JIPSON PHONE 454-4446  
ADDRESS 460 SW RIVERLAND COURT FT. WHITE FL 32038  
SUBDIVISION GOV'T Lot 5 Block      Unit      Phase       
TYPE OF DEVELOPMENT SFD, UTILITY PARCEL ID NO. 36-7S-16-04352-000

FLOOD ZONE AE BY BK 1-6-88 FIRM COMMUNITY #. 120070 - PANEL #. 270 B  
FIRM 100 YEAR ELEVATION 39' PLAN INCLUDED YES or NO  
REQUIRED LOWEST HABITABLE FLOOR ELEVATION 40'  
IN THE REGULATORY FLOODWAY YES or NO RIVER Santa Fe  
SURVEYOR / ENGINEER NAME Freeman LICENSE NUMBER 8701

☒ ONE FOOT RISE CERTIFICATION INCLUDED  
☐ ZERO RISE CERTIFICATION INCLUDED  
☐ SRWMD PERMIT NUMBER                       
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED                     

INSPECTED DATE                      BY                     

COMMENTS                     

135 NE Hernando Ave., Suite B-21  
Lake City, Florida 32055  
Phone: 386-758-1008  
Fax: 386-758-2160



## DISCLOSURE STATEMENT

### FOR OWNER/BUILDER WHEN ACTING AS THEIR OWN CONTRACTOR AND CLAIMING EXEMPTION OF CONTRACTOR LICENSING REQUIREMENTS IN ACCORDANCE WITH FLORIDA STATUTES, ss. 489.103(7).

State law requires construction to be done by licensed contractors. You have applied for a permit under an exemption to that law. The exemption allows you, as the owner of your property, to act as your own contractor with certain restrictions even though you do not have a license. You must provide direct, onsite supervision of the construction yourself. You may build or improve a one-family or two-family residence or a farm outbuilding. You may also build or improve a commercial building, provided your costs do not exceed \$25,000. The building or residence must be for your own use or occupancy. It may not be built or substantially improved for sale or lease. If you sell or lease a building you have built or substantially improved yourself within 1 year after the construction is complete, the law will presume that you built or substantially improved it for sale or lease, which is a violation of this exemption. You may not hire an unlicensed person to act as your contractor or to supervise people working on your building. It is your responsibility to make sure that people employed by you have licenses required by state law and by county or municipal licensing ordinances. You may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on your building who is not licensed must work under your direct supervision and must be employed by you, which means that you must deduct F.I.C.A. and withholding tax and provide workers' compensation for that employee, all as prescribed by law. Your construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

#### TYPE OF CONSTRUCTION

- ☐ Single Family Dwelling ☐ Two-Family Residence  
☐ Farm Outbuilding ☐ Other \_\_\_\_\_  
☒ New Construction ☐ Addition, Alteration, Modification or other Improvement

#### NEW CONSTRUCTION OR IMPROVEMENT

I Douglas K Jipson, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes ss.489.103(7) allowing this exception for the construction permitted by Columbia County Building Permit Number \_\_\_\_\_

  
Signature

8-9-06  
Date

#### FOR BUILDING USE ONLY

I hereby certify that the above listed owner/builder has been notified of the disclosure statement in Florida Statutes ss 489.103(7).

Date \_\_\_\_\_ Building Official/Representative \_\_\_\_\_

# Columbia County Property Appraiser

DB Last Updated: 6/19/2006

Parcel: 36-7S-16-04352-000 HX

## 2006 Proposed Values

Tax Record

Property Card

Interactive GIS Map

Print

Search Result: 1 of 1

### Owner & Property Info

<b>Owner's Name</b>	JIPSON DOUGLAS K &
<b>Site Address</b>	RIVER PROPERTY
<b>Mailing Address</b>	JIPSON MERRILLEE M P O BOX 1356 HIGH SPRINGS, FL 326551356
<b>Description</b>	GOV'T LOT 5, EX E 1516.84 FT. ORB 720-489, 751-377, 973-810,

<b>Use Desc. (code)</b>	MOBILE HOM (000200)
<b>Neighborhood</b>	36716.00
<b>Tax District</b>	3
<b>UD Codes</b>	MKTA02
<b>Market Area</b>	02
<b>Total Land Area</b>	18.000 ACRES

### Property & Assessment Values

<b>Mkt Land Value</b>	cnt: (3)	\$160,652.00
<b>Ag Land Value</b>	cnt: (0)	\$0.00
<b>Building Value</b>	cnt: (1)	\$28,698.00
<b>XFOB Value</b>	cnt: (1)	\$14,400.00
<b>Total Appraised Value</b>		\$203,750.00

<b>Just Value</b>	\$203,750.00
<b>Class Value</b>	\$0.00
<b>Assessed Value</b>	\$143,584.00
<b>Exempt Value</b>	(code: HX) \$25,000.00
<b>Total Taxable Value</b>	\$118,584.00

### Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
12/30/2002	973/810	WD	I	Q		\$175,000.00
5/25/1990	720/489	WD	V	Q		\$65,000.00

### Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	SFR MANUF (000200)	1996	Vinyl Side (31)	924	1164	\$28,698.00
Note: All S.F. calculations are based on exterior building dimensions.						

### Extra Features & Out Buildings

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0030	BARN,MT	1996	\$14,400.00	1440.000	30 x 48 x 0	(.00)

### Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000200	MBL HM (MKT)	1.000 AC	1.00/1.00/1.00/1.00	\$8,814.00	\$8,814.00
009510	RIVER (MKT)	17.000 AC	1.00/1.00/1.00/1.00	\$8,814.00	\$149,838.00
009945	WELL/SEPT (MKT)	1.000 UT - (.000AC)	1.00/1.00/1.00/1.00	\$2,000.00	\$2,000.00

Columbia County Property Appraiser

DB Last Updated: 6/19/2006



# **SUWANNEE RIVER WATER MANAGEMENT DISTRICT**

June 15, 2006

Doug & Merrilee Jipson  
460 Southwest Riverland Court  
Fort White, Florida 32038

Subject: Request for Exemption, ERP06-0305, Jipson WOD  
Residence, Columbia County

Dear Mr. Jipson:

According to information provided by you, Suwannee River Water Management District (District) staff determined that your proposed home site is outside of the regulatory floodway of the Santa Fe River, and thus is not within the Work of the District. The construction of a single family residence with less than 0.25 acres of impervious surface is exempt from the requirements of obtaining a permit from the District, according to 40B-4.1070(1)(b), Florida Administrative Code (F.A.C.). This exemption does not release you from obtaining any necessary permits from other state, county, or local agencies, nor does it release you from obtaining a permit from the District for any structure or activities, such as building a dock, within that portion of your property that lies within the floodway. Furthermore, this exemption does not release you from observing District rules concerning clearing or construction within the 75-foot riverbank setback; per 40B-4.3030(4), F.A.C., no construction additions, or reconstruction shall occur within the 75-foot setback, and clearing is limited to that necessary to gain access or remove diseased vegetation.

If, during the construction of your project, adverse impacts occur, remedial action will be required.

If you have any questions, please call our Resource Management staff at 386.362.1001 or 1.800226.1066.

Sincerely,

A handwritten signature in cursive script that reads "Patrick Webster".

Patrick Webster, P.E.  
Water Resource Engineer

PW/dh

DAVID POPE  
Chairman  
Alachua, Florida

SYLVIA J. TATUM  
Vice Chairman  
Lawtey, Florida

C. LINDEN DAVIDSON  
Secretary/Treasurer  
Lamont, Florida

KELBY ANDREWS  
Chiefland, Florida

DON R. EVERETT, JR.  
Perry, Florida

GEORGIA JONES  
Lake City, Florida

OLIVER J. LAKE  
Lake City, Florida

JOHN P. MAULTSBY  
Madison, Florida

LOUIS SHIVER  
Mayo, Florida

JERRY A. SCARBOROUGH  
Executive Director  
Live Oak, Florida

NOTICE OF COMMENCEMENT FORM  
COLUMBIA COUNTY, FLORIDA

**\*\*\*THIS DOCUMENT MUST BE RECORDED AT THE COUNTY  
CLERKS OFFICE BEFORE YOUR FIRST INSPECTION.\*\*\***

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.

Tax Parcel ID Number 36-75-16-04352-000

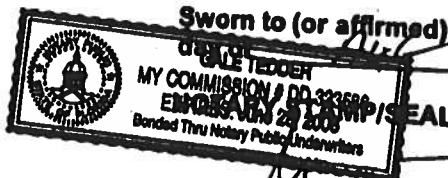
PERMIT NUMBER 0024906

1. Description of property: (legal description of the property and street address or 911 address)  
Lot 5, Section 36, Township 7 South, Range 16 East  
Columbia County  
460 SW Riverland Ct.  
Fort White, FL 32038
2. General description of Improvement: New Home
3. Owner Name & Address 460 SW Riverland Ct. Douglas Jipson  
Fort White, FL Interest in Property Owner
4. Name & Address of Fee Simple Owner (if other than owner):  
N/A
5. Contractor Name ABA Owner Builder (Doug Jipson) Phone Number 386-454-4446  
Address 460 SW Riverland Ct. Fort White, FL, 32038
6. Surety Holders Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_  
Amount of Bond \_\_\_\_\_
7. Lender Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
8. Persons within the State of Florida designated by the Owner upon whom notices or other documents may be served as provided by section 718.13 (1)(a) 7; Florida Statutes:  
Name N/A Phone Number \_\_\_\_\_  
Address \_\_\_\_\_
9. In addition to himself/herself the owner designates N/A of \_\_\_\_\_  
to receive a copy of the Lienor's Notice as provided in Section 713.13 (1) -  
(a) 7. Phone Number of the designee \_\_\_\_\_
10. Expiration date of the Notice of Commencement (the expiration date is 1 (one) year from the date of recording,  
(Unless a different date is specified) \_\_\_\_\_

**NOTICE AS PER CHAPTER 713, Florida Statutes:**

The owner must sign the notice of commencement and no one else may be permitted to sign in his/her stead.

[Signature]  
Signature of Owner



Inst: 2006020034 Date: 08/23/2006 Time: 11:58

S.A. DC, P. Dewitt Cason, Columbia County B: 1093 P: 1832



060819

STATE OF FLORIDA  
DEPARTMENT OF HEALTH

APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number

06-0683E

PART II - SITE PLAN

Scale: Each block represents 5 feet and 1 inch = 50 feet.

See Attached

Notes:

Original Attached

Site Plan submitted by:

Signature

owner

Title

Plan Approved ☒

Not Approved ☐

Date

8-14-06

By

Salhi Graddy ESII

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



Engineers • Planners

161 N.W. Madison St., Suite 102  
Lake City, Florida 32055  
Tel: 386-758-4209  
Fax: 386-758-4290

8/18/2006

Columbia County Building Department

To whom it may concern,

RE: Jipson Residence, Parcel ID 04352-000

I have reviewed the conditions for the referenced property. The property is located in a flood zone (Zone AE). The finished floor elevation of (41.0') shall be set at least 1' above the 100 year flood elevation. The 100 year flood elevation is established at 39.0'. Please find a copy of the calculations verifying the flood rise to be less than 1'-0". If you have any questions, please call me at (386) 758-4209.

Sincerely,

William Freeman, P.E.  
Certificate of Authorization # 00008701

Freeman Design Group, Inc.  
 161 NW Madison St., Ste. # 102  
 Lake City, FL 32055  
 (386) 758-4209

1-ft Rise Flood Certification Calculations			
Project: Jipson Residence			
River House			
Structure Area (sf):	5343	house & porch	5343.00 sf slab
Rise Ht(ft):	2		
Contributing Area:	18.00	acres ----->	784,080.00 sf
New Ftg Area:			5343.000 sf
Net Land Area (contributing minus new):			778,737.00 sf
Slab Volume Displacement:			10686.00 cf
Amount of Rise (Slab volume / land area) x 12:			0.165 in

Base Flood Elevation            39.0 ft  
 Finished Floor Elevation       41.0 ft

*William H. Freeman*

CERT. OF AUTHORIZATION 00008701

60 11

60

35

7

7

BOUNDARY

ZONE X

ZONE AE

ZONE X

36

M

GILCHRIST COUNTY

M



APPROXIMATE SCALE IN FEET



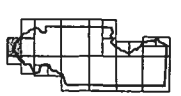
NATIONAL FLOOD INSURANCE PROGRAM

**FIRM**  
FLOOD INSURANCE RATE MAP

COLUMBIA  
COUNTY,  
FLORIDA  
(UNINCORPORATED AREAS)

PANEL 270 OF 290

PANEL LOCATION

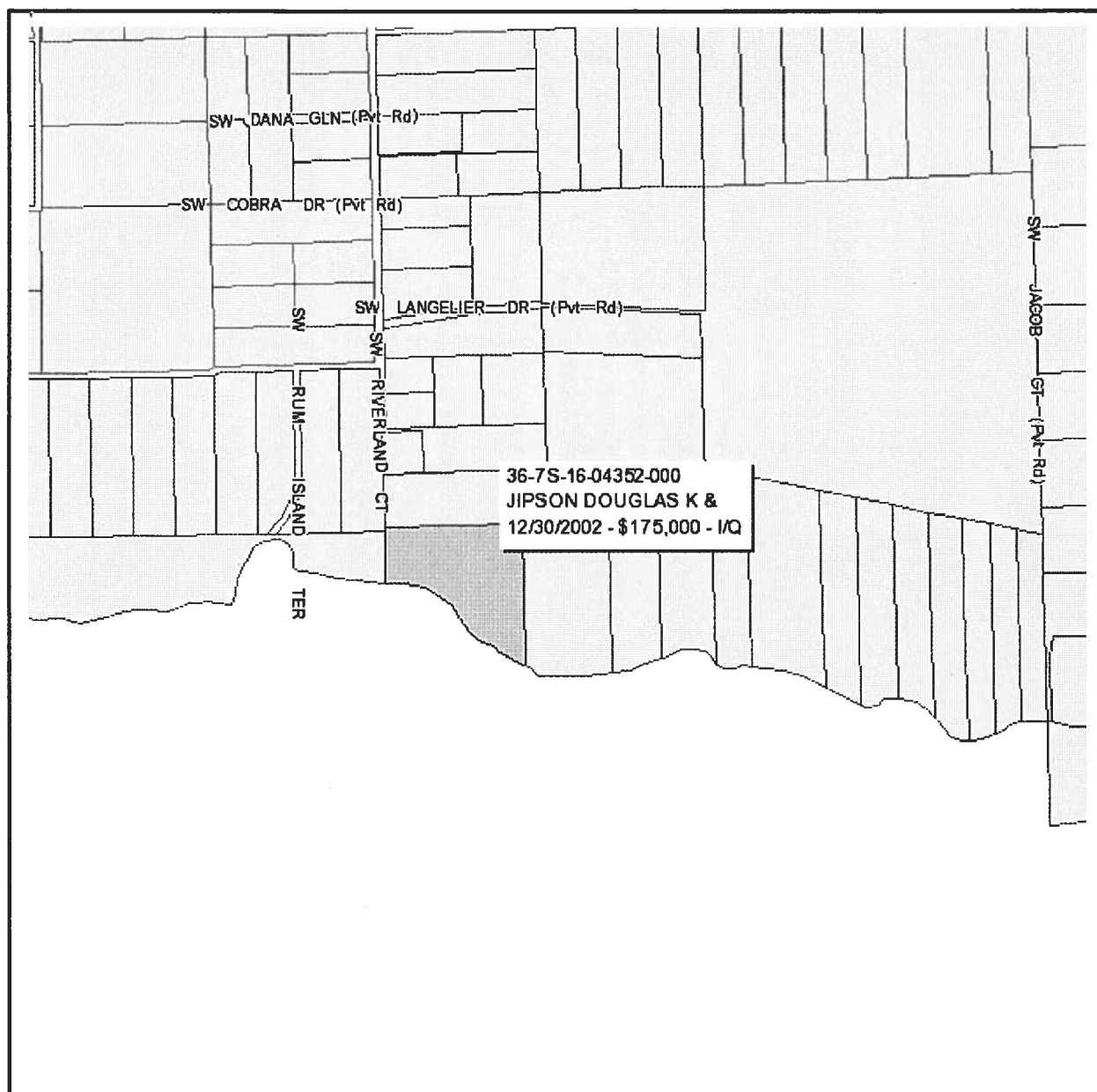


COMMUNITY-PANEL NUMBER  
120070 0270 B  
EFFECTIVE DATE:  
JANUARY 6, 1988



Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT Version 1.0. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. Further information about National Flood Insurance Program flood hazard maps is available at [www.fema.gov/nflis](http://www.fema.gov/nflis)



## Columbia County Property Appraiser

J. Doyle Crews, CFA - Lake City, Florida - 386-758-1083

### PARCEL: 36-7S-16-04352-000 HX - MOBILE HOM (000200)

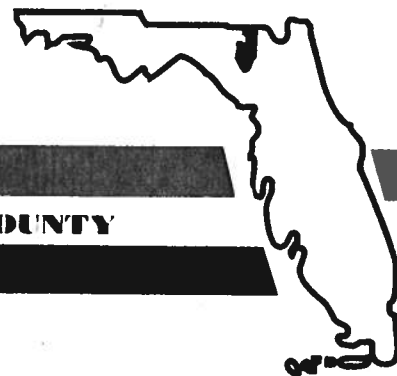
Name: JIPSON DOUGLAS K &	LandVal	\$160,652.00
Site: RIVER PROPERTY	BldgVal	\$28,698.00
JIPSON MERRILLEE M	ApprVal	\$203,750.00
Mail: P O BOX 1356	JustVal	\$203,750.00
HIGH SPRINGS, FL 326551356	Assd	\$143,584.00
Sales 12/30/2002 \$175,000.00 I / Q	Exmpt	\$25,000.00
Info 5/25/1990 \$65,000.00 V / Q	Taxable	\$118,584.00

0 0.1 0.2 0.3 mi



This information, GIS Map Updated: 8/1/2006, 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, its use, or its 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.

District No. 1 - Ronald Williams  
 District No. 2 - Dewey Weaver  
 District No. 3 - Jody DuPree  
 District No. 4 - Stephen E. Bailey  
 District No. 5 - Scarlet P. Frisina



## BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

### MEMO OF REVIEW FOR CORRECTNESS AND COMPLETION

In accordance with participation in the NFIP/CRS program, all elevation certificates are required to be reviewed for correctness and completion prior to acceptance by the community. This completed form shall be attached to all elevation certificates maintained on file and provided with requested copies of elevation certificates.

- ☐ The attached elevation certificate requires corrections by the surveyor of section(s) \_\_\_\_\_ prior to acceptance by the community.
- ☒ The attached elevation certificated is complete and correct.
- ☐ Minor corrections have been made in the below marked sections by the authorized Community Official.

SECTION A - PROPERTY INFORMATION		For Insurance Company Use:
A1. Building Owner's Name		Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.		Company NAIC Number
City	State	ZIP Code
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.)		
A5. Latitude/Longitude: Lat. _____ Long. _____		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number _____		
A8. For a building with a crawl space or enclosure(s), provide:		A9. For a building with an attached garage, provide:
a) Square footage of crawl space or enclosure(s) _____ sq ft		a) Square footage of attached garage _____ sq ft
b) No. of permanent flood openings in the crawl space or enclosure(s) walls within 1.0 foot above adjacent grade _____		b) No. of permanent flood openings in the attached garage walls within 1.0 foot above adjacent grade _____
c) Total net area of flood openings in A8.b _____ sq in		c) Total net area of flood openings in A9.b _____ sq in

### SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number		B2. County Name		B3. State	
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective/Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s) (Zone AO, use base flood depth)
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other (Describe) _____					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? Designation Date _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA <input type="checkbox"/> Yes <input type="checkbox"/> No					

COMMENTS: \_\_\_\_\_

Date of Review: 29 Dec 09

BOARD MEETS FIRST THURSDAY AT 7:00 PM

AND THIRD THURSDAY AT 7:00 PM

All elevation certificates shall be maintained by the community and copies with the attached memo made available upon request.

P.O. BOX 1529

LAKE CITY, FLORIDA 32056-1529

PHONE (386) 753-4100

# ELEVATION CERTIFICATE

24906

OMB No. 1660-0008  
Expires March 31, 2012

Important: Read the instructions on pages 1-9.

## SECTION A - PROPERTY INFORMATION

A1. Building Owner's Name Doug Jipson		For Insurance Company Use:
		Policy Number
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 460 SW Riverland Court		Company NAIC Number
City Ft White State FL ZIP Code 32038		
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.) 36-7S-16-04352-000		
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) <u>Residential</u>		
A5. Latitude/Longitude: Lat. <u>29°50.063</u> Long. <u>082°40.444</u>		Horizontal Datum: <input type="checkbox"/> NAD 1927 <input checked="" type="checkbox"/> NAD 1983
A6. Attach at least 2 photographs of the building if the Certificate is being used to obtain flood insurance.		
A7. Building Diagram Number <u>1B</u>		
A8. For a building with a crawlspace or enclosure(s):		
a) Square footage of crawlspace or enclosure(s) <u>N/A</u> sq ft		
b) No. of permanent flood openings in the crawlspace or enclosure(s) within 1.0 foot above adjacent grade <u>N/A</u>		
c) Total net area of flood openings in A8.b <u>N/A</u> sq in		
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
A9. For a building with an attached garage:		
a) Square footage of attached garage <u>N/A</u> sq ft		
b) No. of permanent flood openings in the attached garage within 1.0 foot above adjacent grade <u>N/A</u>		
c) Total net area of flood openings in A9.b <u>N/A</u> sq in		
d) Engineered flood openings? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		

## SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

B1. NFIP Community Name & Community Number Columbia County 120070		B2. County Name Columbia		B3. State FL	
B4. Map/Panel Number 12023C0390C	B5. Suffix C	B6. FIRM Index Date Feb 04, 2009	B7. FIRM Panel Effective/Revised Date Feb 04, 2009	B8. Flood Zone(s) A	B9. Base Flood Elevation(s) (Zone AO, use base flood depth) 39.10
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9. <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input checked="" type="checkbox"/> Other (Describe) <u>See comments</u>					
B11. Indicate elevation datum used for BFE in Item B9: <input type="checkbox"/> NGVD 1929 <input checked="" type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other (Describe) _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Designation Date <u>N/A</u> <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					

## SECTION C - BUILDING ELEVATION INFORMATION (SURVEY REQUIRED)

C1. Building elevations are based on: ☐ Construction Drawings\* ☐ Building Under Construction\* ☒ Finished Construction  
\*A new Elevation Certificate will be required when construction of the building is complete.

C2. Elevations – Zones A1-A30, AE, AH, A (with BFE), VE, V1-V30, V (with BFE), AR, AR/A, AR/AE, AR/A1-A30, AR/AH, AR/AO. Complete Items C2.a-h below according to the building diagram specified in Item A7. Use the same datum as the BFE.  
Benchmark Utilized See Comments Vertical Datum NAVD 88  
Conversion/Comments None

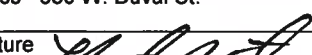
Check the measurement used.

a) Top of bottom floor (including basement, crawlspace, or enclosure floor) <u>41.42</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
b) Top of the next higher floor <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
c) Bottom of the lowest horizontal structural member (V Zones only) <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
d) Attached garage (top of slab) <u>N/A</u>	<input type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
e) Lowest elevation of machinery or equipment servicing the building <u>43.50</u> (Describe type of equipment and location in Comments)	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
f) Lowest adjacent (finished) grade next to building (LAG) <u>38.58</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
g) Highest adjacent (finished) grade next to building (HAG) <u>40.1</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)
h) Lowest adjacent grade at lowest elevation of deck or stairs, including structural support <u>39.4</u>	<input checked="" type="checkbox"/> feet <input type="checkbox"/> meters (Puerto Rico only)

## SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION

This certification is to be signed and sealed by a land surveyor, engineer, or architect authorized by law to certify elevation information. I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement may be punishable by fine or imprisonment under 18 U.S. Code, Section 1001.

☒ Check here if comments are provided on back of form. Were latitude and longitude in Section A provided by a licensed land surveyor? ☒ Yes ☐ No

Certifier's Name L. Scott Britt	License Number PSM 5757
Title Chief Surveyor	Company Name Britt Surveying & Associates, Inc.
Address 830 W. Duval St.	City Lake City State FL ZIP Code 32055
Signature 	Date 12/24/09 Telephone 386-752-7163

PLACE  
SEAL  
HERE

**IMPORTANT: In these spaces, copy the corresponding information from Section A.**

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.

460 SW Riverland Court

City Ft. WhiteState FL ZIP Code 32038

For Insurance Company Use:

Policy Number

Company NAIC Number

**SECTION D - SURVEYOR, ENGINEER, OR ARCHITECT CERTIFICATION (CONTINUED)**

Copy both sides of this Elevation Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

Comments L-20215

See Attached comments sheet



Signature L. Scott Britt

Date 12/24/09

☒ Check here if attachments**SECTION E - BUILDING ELEVATION INFORMATION (SURVEY NOT REQUIRED) FOR ZONE AO AND ZONE A (WITHOUT BFE)**

For Zones AO and A (without BFE), complete Items E1-E5. If the Certificate is intended to support a LOMA or LOMR-F request, complete Sections A, B, and C. For Items E1-E4, use natural grade, if available. Check the measurement used. In Puerto Rico only, enter meters.

E1. Provide elevation information for the following and check the appropriate boxes to show whether the elevation is above or below the highest adjacent grade (HAG) and the lowest adjacent grade (LAG).

a) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.b) Top of bottom floor (including basement, crawlspace, or enclosure) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the LAG.E2. For Building Diagrams 6-9 with permanent flood openings provided in Section A Items 8 and/or 9 (see pages 8-9 of Instructions), the next higher floor (elevation C2.b in the diagrams) of the building is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.E3. Attached garage (top of slab) is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.E4. Top of platform of machinery and/or equipment servicing the building is \_\_\_\_\_ ☐ feet ☐ meters ☐ above or ☐ below the HAG.E5. Zone AO only: If no flood depth number is available, is the top of the bottom floor elevated in accordance with the community's floodplain management ordinance? ☐ Yes ☐ No ☐ Unknown. The local official must certify this information in Section G.**SECTION F - PROPERTY OWNER (OR OWNER'S REPRESENTATIVE) CERTIFICATION**The property owner or owner's authorized representative who completes Sections A, B, and E for Zone A (without a FEMA-issued or community-issued BFE) or Zone AO must sign here. *The statements in Sections A, B, and E are correct to the best of my knowledge.*

Property Owner's or Owner's Authorized Representative's Name

Address City State ZIP Code

Signature Date Telephone

Comments

☐ Check here if attachments**SECTION G - COMMUNITY INFORMATION (OPTIONAL)**

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Sections A, B, C (or E), and G of this Elevation Certificate. Complete the applicable item(s) and sign below. Check the measurement used in Items G8 and G9.

G1. ☐ The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)G2. ☐ A community official completed Section E for a building located in Zone A (without a FEMA-issued or community-issued BFE) or Zone AO.G3. ☐ The following information (Items G4-G9) is provided for community floodplain management purposes.

G4. Permit Number

G5. Date Permit Issued

G6. Date Certificate Of Compliance/Occupancy Issued

G7. This permit has been issued for: ☐ New Construction ☐ Substantial ImprovementG8. Elevation of as-built lowest floor (including basement) of the building: \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_G9. BFE or (in Zone AO) depth of flooding at the building site: \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_G10. Community's design flood elevation \_\_\_\_\_ ☐ feet ☐ meters (PR) Datum \_\_\_\_\_

Local Official's Name

Title

Community Name

Telephone

Signature

Date

Comments

☐ Check here if attachments

# Building Photographs

See Instructions for Item A6.

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 460 SW Riverland Court	For Insurance Company Use: Policy Number
City Ft. White State FL ZIP Code 32038	Company NAIC Number
If using the Elevation Certificate to obtain NFIP flood insurance, affix at least two building photographs below according to the instructions for Item A6. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." If submitting more photographs than will fit on this page, use the Continuation Page on the reverse.	

Front View



# Building Photographs

Continuation Page

Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No. 460 SW Riverland Court	For Insurance Company Use: Policy Number
City Ft. White State FL ZIP Code 32038	Company NAIC Number
If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View."	

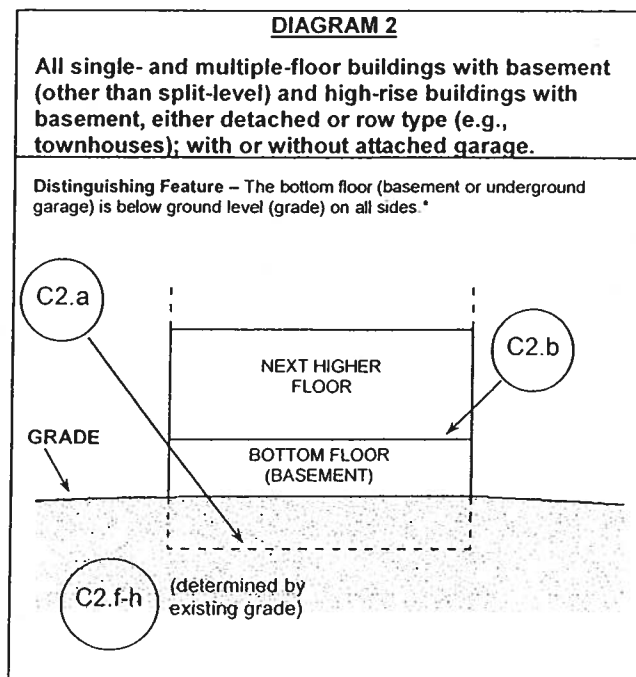
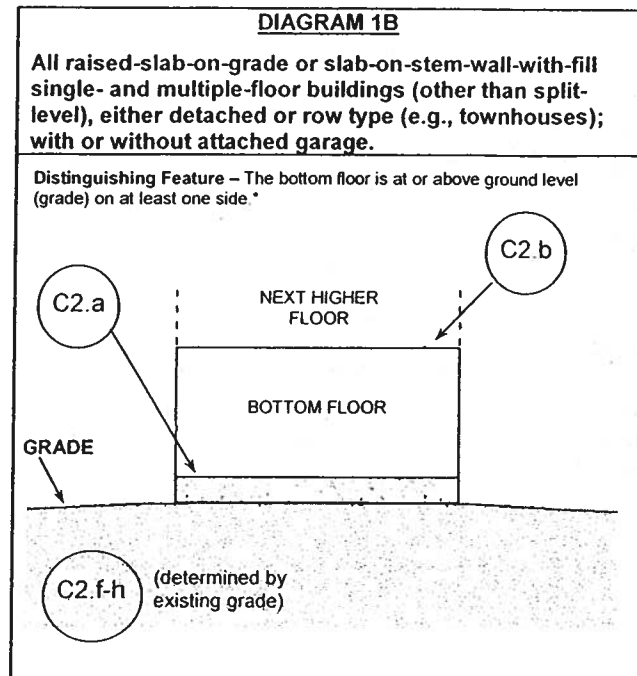
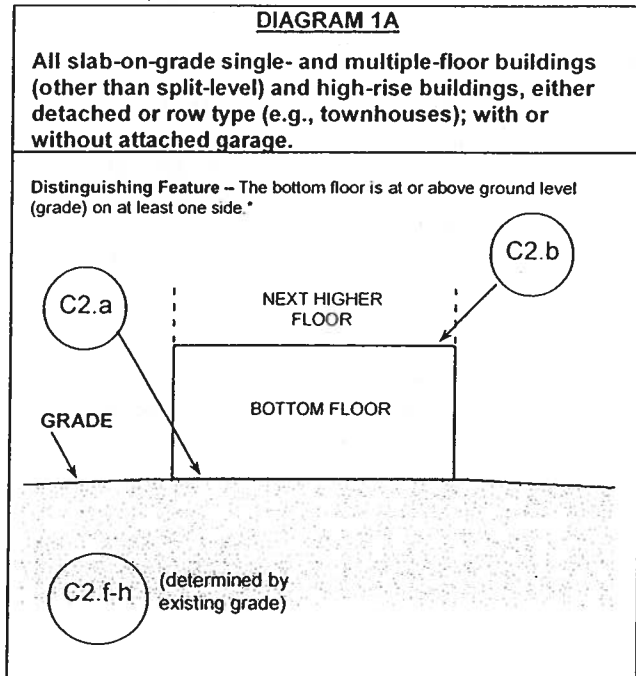
Rear View



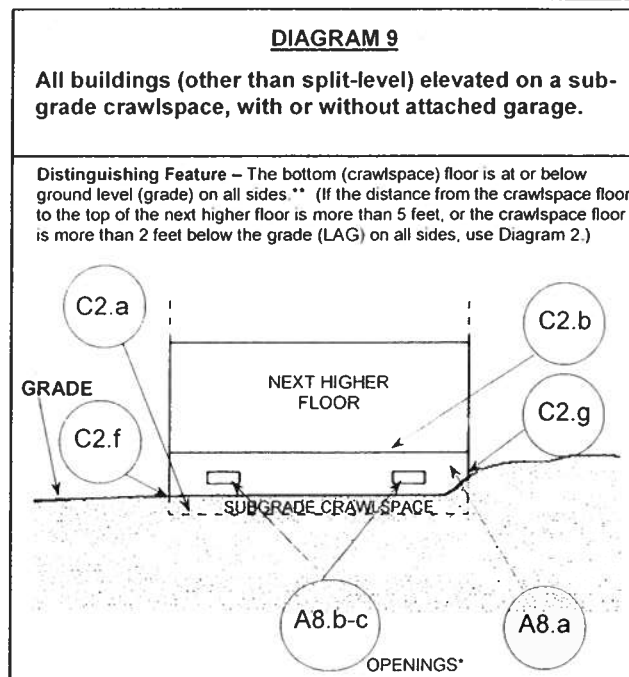
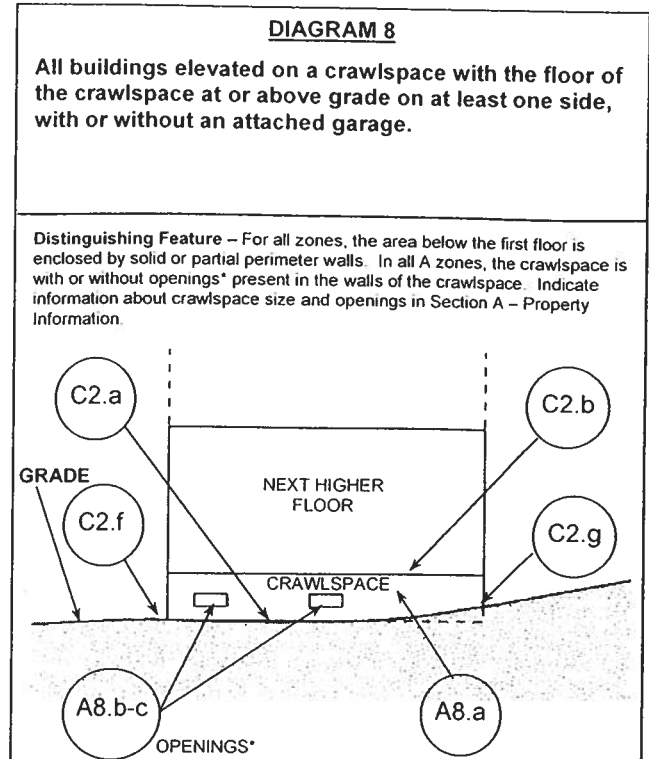
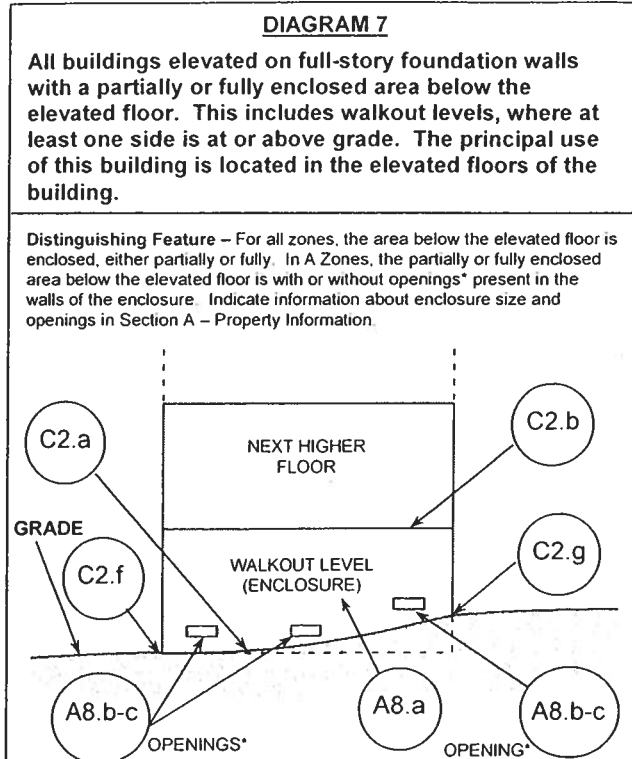
## BUILDING DIAGRAMS

The following diagrams illustrate various types of buildings. Compare the features of the building being certified with the features shown in the diagrams and select the diagram most applicable. Enter the diagram number in Item A7, the square footage of crawlspace or enclosure(s) and the area of flood openings in square inches in Items A8.a-c, the square footage of attached garage and the area of flood openings in square inches in Items A9.a-c, and the elevations in Items C2.a-h.

In A zones, the floor elevation is taken at the top finished surface of the floor indicated; in V zones, the floor elevation is taken at the bottom of the lowest horizontal structural member (see drawing in instructions for Section C).



\* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc



\* An "opening" is a permanent opening that allows for the free passage of water automatically in both directions without human intervention. Under the NFIP, a minimum of two openings is required for enclosures or crawlspaces. The openings shall provide a total net area of not less than one square inch for every square foot of area enclosed, excluding any bars, louvers, or other covers of the opening. Alternatively, an Individual Engineered Flood Openings Certification or an Evaluation Report issued by the International Code Council Evaluation Service (ICC ES) must be submitted to document that the design of the openings will allow for the automatic equalization of hydrostatic flood forces on exterior walls. A window, a door, or a garage door is not considered an opening; openings may be installed in doors. Openings shall be on at least two sides of the enclosed area. If a building has more than one enclosed area, each area must have openings to allow floodwater to directly enter. The bottom of the openings must be no higher than one foot above the higher of the exterior or interior grade or floor immediately below the opening. For more guidance on openings, see NFIP Technical Bulletin 1.

\*\* A floor that is below ground level (grade) on all sides is considered a basement even if the floor is used for living purposes, or as an office, garage, workshop, etc.



**BRITT SURVEYING**  
***Land Surveyors and Mappers***

**LAKE CITY • VENICE • SARASOTA**

**Section A**

A1 – A4 No additional comment  
A5 Hand Held GPS coordinate at the center of building along the front wall  
A6 No additional comment  
A7 No additional comment  
A8 None  
A9 None

**Section B**

B1 – B7 No additional comment  
B8 This building appears to be in Zone AE as per the attached flood report.  
B9 – B12 No additional comment

**Section C**

C1 No additional comment  
C2 There is a benchmark found on the top of the well casing having an elevation of 43.20 feet NGVD 29 datum and converted to 42.449 (42.45) feet NAVD 88 datum  
C2 a Concrete block construction  
C2 b - d No additional comment  
C2 e The electric meter  
C2 f -h No additional comment

**Section D**

The benchmark utilized was in NGVD 29 datum therefore the conversion was necessary and attached hereon.

**Section E**

No additional comment

**Section F**

No additional comment

**Section G**

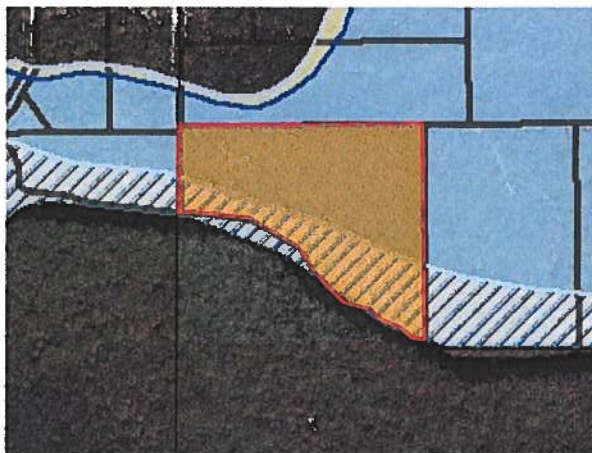
No additional comment

**Photographs**

The attached photographs were taken by Britt Surveying & Associates, Inc.



## Suwannee River Water Management District Flood Information Report



### Zone Descriptions:

#### Base Flood Elevation (BFE)

The elevation shown on the Flood Insurance Rate Map for Zones AE, AH, A1-A30, AR, AO, V1-V30, and VE that indicates the water surface elevation resulting from a flood that has a one percent chance of equaling or exceeding that level in any given year.

#### AE, A1-A30

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. In most instances, base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

#### FLOODWAYS

The channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood (1% annual chance flood event). The floodway must be kept open so that floods can proceed downstream and not be obstructed or diverted onto other properties.

Please

### PROFILE

**Date:** 12/24/2009

**Parcel:** 36-7S-16-04352-000

**County:** Columbia

**STR:** S036 T07S R16E

**Status:** Effective

### FLOOD INFORMATION

**FIRM Panel:** 12023C0533C

**SFHA:** Yes

**Zone:** AE

**100YR Elev (BFE):** 39.1 (feet)

**Floodway:** Yes

**10YR Elev:** 33.9 (feet)

**2YR Elev:** 29.4 (feet)

**Outstanding Florida Waters:** Santa Fe River System

Note: Elevations are based on NAVD88

note, if you develop within the regulatory floodway, you will need to contact your Local Government and the Suwannee River Water Management District prior to commencing with the activity. Please contact the District at 800.226.1066.

\*\*\*\*\*

The Federal Emergency Management Agency (FEMA) maintains information about map features, such as street locations and names, in or near designated flood hazard areas. The information herein represents the best available data as of the effective date shown. To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to consult the FEMA Map Service Center at 1-800-358-9616 for information on available products associated with this FIRM panel. Available products may include previously issued Letters of Map Change, a Flood Insurance Study report, and/or copies of this map.

Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period.

#### LINKS

**FEMA:**

<http://www.fema.gov>

**SRWMD:**

<http://www.srwmd.state.fl.us>

#### CONTACT

**SRWMD**

9225 County Road 49  
Live Oak, FL 32060

(386) 362-1001

Toll Free:

(800) 226-1066

# **Britt Surveying and Associates, Inc.**

**L-20215**

24 December 2009

## **INPUT**

Geographic, NAD83  
Vertical - NGVD29 (Vertcon94), U.S. Feet

## **OUTPUT**

Geographic, NAD83  
Vertical - NAVD88, U.S. Feet

---

### **top of well casing**

1/1

**Latitude:** 29 50.063  
**Longitude:** 82 40.444  
**Elevation/Z:** 43.20

**Latitude:** 29 50 03.78000  
**Longitude:** 82 40 26.64000  
**Elevation/Z:** 42.449

---

**Remark:**

①

Columbia County Building and Zoning  
Fax 386-758-2160

August 24, 2007

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

(2)

Columbia County Building and Zoning  
Fax 386-758-2160

November 20, 2007

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

(3)

Columbia County Building and Zoning  
Fax 386-758-2160

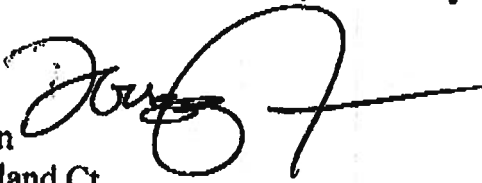
February 26, 2008

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

A handwritten signature in black ink, appearing to read 'Doug Jipson', with a long horizontal line extending to the right.

(4)

Columbia County Building and Zoning  
Fax 386-758-2160

May 27, 2008

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

5

Columbia County Building and Zoning  
Fax 386-758-2160

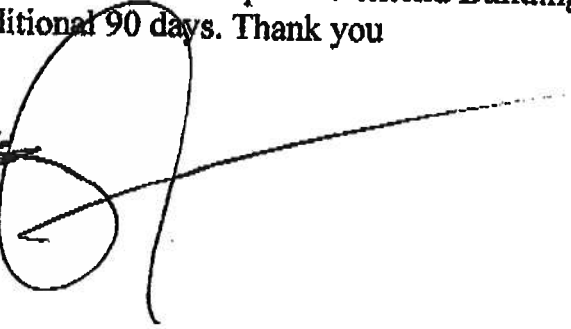
Sept 17, 2008

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

A large, stylized handwritten signature in black ink, appearing to be 'DJ', is written over the typed name and address of Douglas Jipson.

6

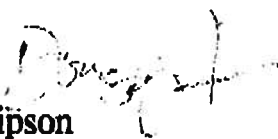
Columbia County Building and Zoning  
Fax 386-758-2160

November 20, 2008

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

  
Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

⑦

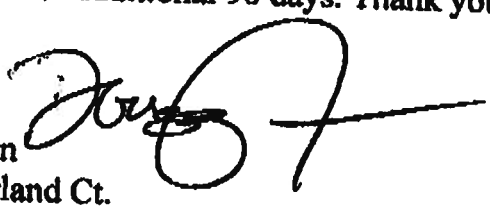
Columbia County Building and Zoning  
Fax 386-758-2160

February 26, 2009

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

  
Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

8

Columbia County Building and Zoning  
Fax 386-758-2160

June 10, 2009

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

9

Gurg

935.3054

Columbia County Building and Zoning  
Fax 386-758-2160

11  
4:30

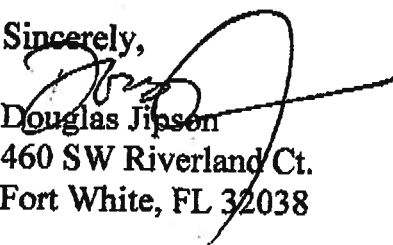
**Oct 2009**

~~XXXXXXXXXX~~

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

  
Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

3

Columbia County Building and Zoning  
Fax 386-758-2160

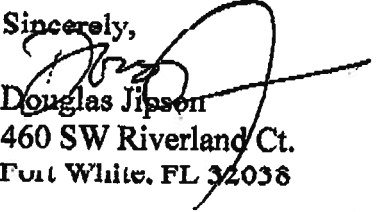
(10)

December 29, 2008

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

  
Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

## Florida Department of Community Affairs Residential Whole Building Performance Method A

Project Name: **Jipson residence 2**  
Address: **460 SW Riverland Ct**  
City, State: **Ft White, FL 32038**  
Owner: **Doug Jipson**  
Climate Zone: **North**

Builder: **Glenn I. Jones, Inc.**  
Permitting Office: **Columbia**  
Permit Number: **24906**  
Jurisdiction Number: **221000**

1. New construction or existing New ☐
2. Single family or multi-family Single family ☐
3. Number of units, if multi-family 1 ☐
4. Number of Bedrooms 3 ☐
5. Is this a worst case? No ☐
6. Conditioned floor area (ft<sup>2</sup>) 2543 ft<sup>2</sup> ☐
7. Glass type<sup>1</sup> and area: (Label reqd. by 13-104.4.5 if not default)
  - a. U-factor: Description Area  
(or Single or Double DEFAULT) 7a. (Dble, U=0.6) 224.0 ft<sup>2</sup> ☐
  - b. SHGC:  
(or Clear or Tint DEFAULT) 7b. (Clear) 714.0 ft<sup>2</sup> ☐
8. Floor types
  - a. Slab-On-Grade Edge Insulation R=0.0, 319.3(p) ft ☐
  - b. N/A ☐
  - c. N/A ☐
9. Wall types
  - a. Frame, Wood, Exterior R=40.0, 2647.3 ft<sup>2</sup> ☐
  - b. N/A ☐
  - c. N/A ☐
  - d. N/A ☐
  - e. N/A ☐
10. Ceiling types
  - a. Under Attic R=30.0, 2543.0 ft<sup>2</sup> ☐
  - b. N/A ☐
  - c. N/A ☐
11. Ducts
  - a. Sup: Con. Ret: Con. AH(Sealed):Interior Sup. R=6.0, 60.0 ft ☐
  - b. N/A ☐

12. Cooling systems
  - a. Central Unit Cap: 58.0 kBtu/hr ☐  
SEER: 13.00 ☐
  - b. N/A ☐
  - c. N/A ☐
13. Heating systems
  - a. Electric Heat Pump Cap: 58.0 kBtu/hr ☐  
HSPF: 7.60 ☐
  - b. N/A ☐
  - c. N/A ☐
14. Hot water systems
  - a. Electric Resistance Cap: 40.0 gallons ☐  
EF: 0.92 ☐
  - b. N/A ☐
  - c. Conservation credits  
(HR-Heat recovery, Solar  
DHP-Dedicated heat pump) ☐
15. HVAC credits  
(CF-Ceiling fan, CV-Cross ventilation,  
HF-Whole house fan,  
PT-Programmable Thermostat,  
MZ-C-Multizone cooling,  
MZ-H-Multizone heating) ☐

Glass/Floor Area: 0.28

Total as-built points: 29087

Total base points: 35568

**PASS**

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

PREPARED BY: Louis Weeks

DATE: 7-28-06

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

OWNER/AGENT: Doug Jipson

DATE: 8-2-06

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: \_\_\_\_\_



<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.5**

**The higher the score, the more efficient the home.**

Doug Jipson, 460 SW Riverland Ct, Ft White, FL, 32038

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 58.0 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?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	2543 ft <sup>2</sup>		
7. Glass type <sup>1</sup> 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: 58.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble, U=0.6) 224.0 ft <sup>2</sup>		HSPF: 7.60
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 714.0 ft <sup>2</sup>	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 319.3(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.92
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=40.0, 2647.3 ft <sup>2</sup>	(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, 2543.0 ft <sup>2</sup>	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Con. Ret: Con. AH(Sealed):Interior	Sup. R=6.0, 60.0 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: Doug Jipson

Date: 8-7-06

Address of New Home: 460 SW Riverland Ct. City/FL Zip: 32038



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

<sup>1</sup> Predominant glass type. For actual glass type and areas, see Summer & Winter Glass output on pages 2&4.  
EnergyGauge® (Version: FLRCSB v4.21)

# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: 460 SW Riverland Ct, Ft White, FL, 32038

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.	

**SUMMER CALCULATIONS****Residential Whole Building Performance Method A - Details**ADDRESS: **460 SW Riverland Ct, Ft White, FL, 32038**

PERMIT #:

<b>BASE</b>				<b>AS-BUILT</b>							
<b>GLASS TYPES</b>											
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points				
.18	2543.0	20.04	9173.1	Double,U=0.65,Clear	N	1.5	4.0	90.0	20.24	0.88	1601.5
				Double,U=0.65,Clear	W	1.5	5.0	32.0	39.48	0.88	1106.1
				Double,U=0.65,Clear	W	1.5	4.0	18.0	39.48	0.81	578.4
				Double,U=0.60,Clear	W	0.0	0.0	32.0	39.74	1.00	1271.7
				Double,U=0.65,Clear	S	1.5	5.0	64.0	36.81	0.81	1900.8
				Double,U=0.65,Clear	N	1.5	6.0	70.0	20.24	0.94	1329.6
				Double,U=0.57,Clear	N	1.5	8.0	224.0	20.69	0.97	4477.7
				Double,U=0.65,Clear	S	16.0	3.0	32.0	36.81	0.43	508.7
				Double,U=0.60,Clear	S	16.0	8.0	56.0	37.06	0.45	936.3
				Double,U=0.65,Clear	E	1.5	5.0	64.0	42.99	0.87	2406.2
				Double,U=0.60,Clear	E	0.0	0.0	32.0	43.24	1.00	1383.8
				<b>As-Built Total:</b>		<b>714.0</b>			<b>17500.8</b>		
<b>WALL TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Exterior	2647.3	1.70	4500.4	Frame, Wood, Exterior	40.0		2647.3	0.60		1588.4	
Adjacent	0.0	0.00	0.0								
<b>Base Total:</b> 2647.3 4500.4				<b>As-Built Total:</b>		<b>2647.3</b>			<b>1588.4</b>		
<b>DOOR TYPES</b> Area X BSPM = Points				Type	Area X SPM = Points						
Exterior	0.0	0.00	0.0								
Adjacent	0.0	0.00	0.0								
<b>Base Total:</b> 0.0 0.0				<b>As-Built Total:</b>		<b>0.0</b>			<b>0.0</b>		
<b>CEILING TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points				
Under Attic	2543.0	1.73	4399.4	Under Attic	30.0		2543.0	1.73 X 1.00		4399.4	
<b>Base Total:</b> 2543.0 4399.4				<b>As-Built Total:</b>		<b>2543.0</b>			<b>4399.4</b>		
<b>FLOOR TYPES</b> Area X BSPM = Points				Type	R-Value		Area X SPM = Points				
Slab	319.3(p)	-37.0	-11814.1	Slab-On-Grade Edge Insulation	0.0		319.3(p)	-41.20		-13155.2	
Raised	0.0	0.00	0.0								
<b>Base Total:</b> -11814.1				<b>As-Built Total:</b>		<b>319.3</b>			<b>-13155.2</b>		
<b>INFILTRATION</b> Area X BSPM = Points				Area X SPM = Points							
2543.0 10.21 25964.0				2543.0 10.21 25964.0							

**SUMMER CALCULATIONS****Residential Whole Building Performance Method A - Details**ADDRESS: **460 SW Riverland Ct, Ft White, FL, 32038**

PERMIT #:

<b>BASE</b>				<b>AS-BUILT</b>						
<b>Summer Base Points: 32222.8</b>				<b>Summer As-Built Points: 36297.4</b>						
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
<b>32222.8</b>	<b>0.4266</b>		<b>13746.3</b>	<small>(sys 1: Central Unit 58000 btuh ,SEER/EFF(13.0) Ducts:Con(S),Con(R),Int(AH),R6.0(INS)</small> <small>36297 1.00 (1.00 x 1.147 x 0.86) 0.263 1.000 9449.2</small> <b>36297.4 1.00 0.992 0.263 1.000 9449.2</b>						

# Residential Whole Building Performance Method A - Details

PERMIT #:

EnergyGauge®/FlaRES'2004 FLRCSB v4.21

**WINTER CALCULATIONS****Residential Whole Building Performance Method A - Details**ADDRESS: **460 SW Riverland Ct, Ft White, FL, 32038**

PERMIT #:

BASE				AS-BUILT						
Winter Base Points: 22181.2				Winter As-Built Points: 25317.7						
Total Winter Points	X	System Multiplier	= Heating Points	Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier	X System Multiplier	X Credit Multiplier	= Heating Points	
22181.2		0.6274	13916.5	(sys 1: Electric Heat Pump 58000 btuh ,EFF(7.6) Ducts:Con(S),Con(R),Int(AH),R6.0 25317.7	1.000	(1.000 x 1.169 x 0.88)	0.449	1.000	11732.4	
22181.2		0.6274	13916.5	25317.7	1.00	1.033	0.449	1.000	11732.4	

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: **460 SW Riverland Ct, Ft White, FL, 32038**

PERMIT #:

BASE					AS-BUILT					
<b>WATER HEATING</b>					Tank	EF	Number of	X	Tank	X
Number of	X	Multiplier	=	Total	Volume		Bedrooms		Ratio	Multiplier
Bedrooms										
3		2635.00		7905.0	40.0	0.92	3		1.00	2635.00
										1.00
										7905.0
					<b>As-Built Total:</b>					<b>7905.0</b>

**CODE COMPLIANCE STATUS**

BASE					AS-BUILT				
Cooling	+	Heating	+	Hot Water	=	Total			
Points		Points		Points		Points			
13746		13916		7905		35568		9449	11732
									7905
									29087

**PASS**

# PRODUCT APPROVAL SPECIFICATION SHEET

Location: 460 SW Riverland ct.

Project Name: Jipson

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](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>A. EXTERIOR DOORS</b>			
1. Swinging	1 Thermo TRU	Fiberglass entry Door	01-0912.06
a) 2. Sliding	2) PGT	Sliding Glass Aluminum 16ft	NOA #03-0123.8
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
<b>B. WINDOWS</b>			
1. Single hung	Thermstar	Th.	
2. Horizontal Slider	8 Thermstar	96 X 48 vinyl	6074
3. Casement	2 Thermstar	36 X 36 vinyl	6074
4. Double Hung			
5. Fixed			
6. Awning	6) Thermstar	6) Vinyl 47 1/2 X 23 1/2	4877
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11 Dual Action			
12. Other			
<b>C. PANEL WALL</b>			
1. Siding			
2. Soffits			
3. EIFS	ICF LOGIX	ICF wall system	FL2931 R1
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			
9. Greenhouse			
10. Other			
<b>D. ROOFING PRODUCTS</b>			
1. Asphalt Shingles			
2. Underlayments			
3. Roofing Fasteners			
4. Non-structural Metal Rf	MBCT	PBR 24 gauge	FL 5687-2
5. Built-Up Roofing			
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Category/Subcategory (cont.)	Manufacturer	Product Description	Approval Number(s)
13. Liquid Applied Roof Sys			
14. Cements-Adhesives – Coatings			
15. Roof Tile Adhesive			
16. Spray Applied Polyurethane Roof			
17. Other			
<b>E. SHUTTERS</b>			
1. Accordion			
2. Bahama			
3. Storm Panels			
4. Colonial			
5. Roll-up			
6. Equipment			
7. Others			
<b>F. SKYLIGHTS</b>			
1. Skylight			
2. Other			
<b>G. STRUCTURAL COMPONENTS</b>			
1. Wood connector/anchor			
2. Truss plates			
3. Engineered lumber			
4. Railing			
5. Coolers-freezers			
6. Concrete Admixtures			
7. Material			
8. Insulation Forms	LOGIX	ICF	FL2931-R1
9. Plastics			
10. Deck-Roof			
11. Wall			
12. Sheds			
13. Other			
<b>H. NEW EXTERIOR ENVELOPE PRODUCTS</b>			
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

Doug Jipson 7/31/06  
 Print Name Date

Location

Permit # (FOR STAFF USE ONLY)



**Project Summary**  
**Entire House**  
**Glenn I. Jones, Inc.**

Job:  
Date: May 04, 2006  
By:

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

## Project Information

For: Doug Jipson  
460 SW Riverland Ct, Ft White, FL 32038  
Phone: 454-4446

Notes: cell - 727-560-1022

## Design Information

Weather: Gainesville, FL, US

### Winter Design Conditions

Outside db	33 °F
Inside db	70 °F
Design TD	37 °F

### Summer Design Conditions

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

### Heating Summary

Structure	44508 Btuh
Ducts	12505 Btuh
Central vent (77 cfm)	3102 Btuh
Humidification	0 Btuh
Piping	0 Btuh
Equipment load	60115 Btuh

### Sensible Cooling Equipment Load Sizing

Structure	32670 Btuh
Ducts	15480 Btuh
Central vent (77 cfm)	1425 Btuh
Blower	0 Btuh
Use manufacturer's data	n
Rate/swing multiplier	0.97
Equipment sensible load	48089 Btuh

### Infiltration

Method	Simplified
Construction quality	Average
Fireplaces	1 (Average)

	Heating	Cooling
Area (ft²)	2543	2543
Volume (ft³)	27361	27361
Air changes/hour	0.36	0.16
Equiv. AVF (cfm)	166	73

### Latent Cooling Equipment Load Sizing

Structure	3765 Btuh
Ducts	3624 Btuh
Central vent (77 cfm)	2695 Btuh
Equipment latent load	10083 Btuh
Equipment total load	58172 Btuh
Req. total capacity at 0.70 SHR	5.7 ton

### Heating Equipment Summary

Make	Carrier
Trade	Performance 13 Heat Pump
Model	38YXA06033
Efficiency	7.6 HSPF
Heating input	
Heating output	60000 Btuh @ 47°F
Temperature rise	28 °F
Actual air flow	1933 cfm
Air flow factor	0.034 cfm/Btuh
Static pressure	0.50 in H2O
Space thermostat	

### Cooling Equipment Summary

Make	Carrier
Trade	Performance 13 Heat Pump
Cond	38YXA06033
Coil	FV4BNB006
Efficiency	13 SEER
Sensible cooling	40600 Btuh
Latent cooling	17400 Btuh
Total cooling	58000 Btuh
Actual air flow	1933 cfm
Air flow factor	0.040 cfm/Btuh
Static pressure	0.50 in H2O
Load sensible heat ratio	0.83

Printout certified by ACCA to meet all requirements of Manual J 8th Ed.

*Surge*

*935.3054*

Columbia County Building and Zoning  
Fax 386-758-2160

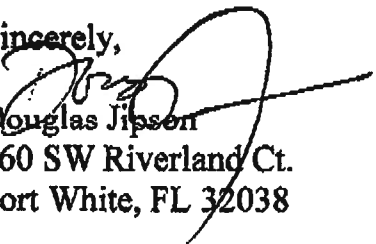
*11  
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~~██████████~~ *MAR, 2010*  
~~██████████~~

Dear Building and Zoning,

Please consider this letter as a request to extend Building Permit  
Number 24906 for additional 90 days. Thank you

Sincerely,

  
Douglas Jipson  
460 SW Riverland Ct.  
Fort White, FL 32038

# COLUMBIA COUNTY OFFICE OF 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 36-7S-16-04352-000

Building permit No. 000024906

Use Classification SFD, UTILITY

Fire: 0.00

Permit Holder DOUGLAS JIPSON

Waste: 0.00

Owner of Building DOUGLAS JIPSON

Total: 0.00

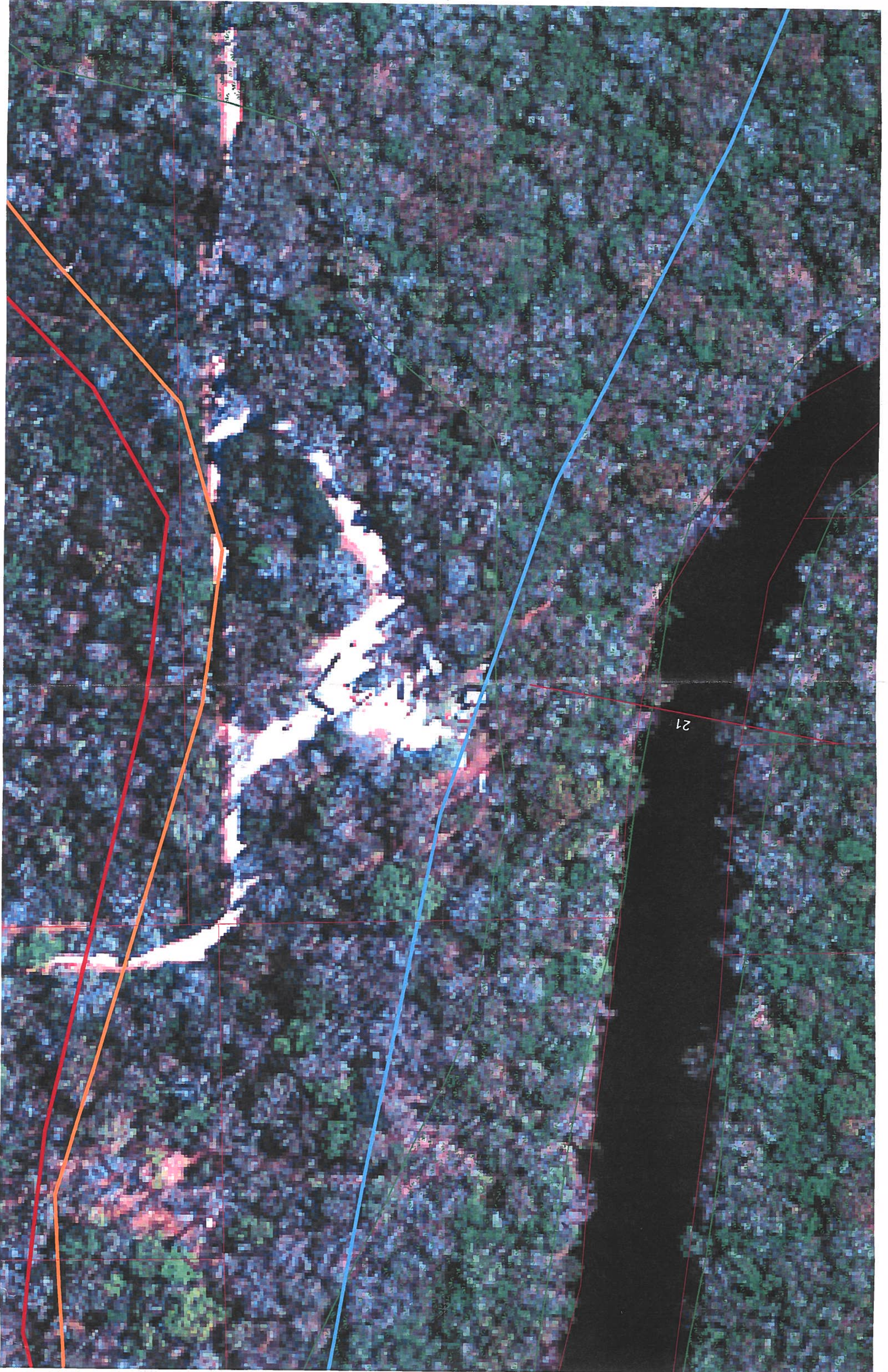
Location: 460 SW RIVERLAND COURT, FT. WHITE, FL

Date: 04/28/2010



*[Signature]*  
Building Inspector

POST IN A CONSPICUOUS PLACE  
(Business Places Only)



21

Built to Last. Built for Beauty.



**LOGIX**<sup>™</sup>  
INSULATED CONCRETE FORMS  
Good. Solid. Logix.<sup>™</sup>



# Quality, Value and Service

Introducing LOGIX™ Insulated Concrete Forms. Based on the simple concept of interlocking blocks, LOGIX ICF gives you a wall system that's not only long-lasting, but also quick to build, sound-proofed, energy-efficient and has a 3-hour fire resistance rating. Engineered for superior performance, LOGIX gives you more wall for your money.

## Who We Are

LOGIX is owned by five ICF manufacturers that operate across North America. Backed by over 50 years of manufacturing experience, LOGIX offers the features most valued by the industry and the consumer.

## Outstanding Service

Where LOGIX really outshines the others is in its service. Unlike many ICF suppliers, LOGIX treats each sale as the beginning, not the end, of a relationship. We're with you every step of the way, offering invaluable advice on design and installation, backed by reliable technical support. Our technical staff is trained to respond to your queries with practical advice on quick and efficient installation. We provide comprehensive contractor training through our numerous regional technical support offices.

## Value to the Consumer

We are committed to providing quality, cost-effective building solutions. For homeowners looking to save time and money, LOGIX is the ideal solution for several reasons – better insulation, quicker delivery and installation, and the relative ease of finding contractors with expertise in using LOGIX forms.



# Key Benefits



## Highly Energy Efficient

The foam in LOGIX walls provides a thermal resistance rating of R-24. This exceptionally high R-value, along with high thermal mass and reduced air infiltration, allow LOGIX walls to deliver significantly higher performance levels.



## Strength and Safety

LOGIX buildings are up to 8.5 times stronger than conventionally framed buildings. As a result, LOGIX walls are much better able to withstand severe weather such as hurricanes and tornados. LOGIX walls have a 3-hour fire rating as opposed to 15 minutes for a comparable wood framed wall.



## Superior Sound Insulation

LOGIX walls offer you a quieter, more tranquil interior environment. A LOGIX wall can easily achieve a sound transmission classification of STC 50, which is twice as high as a typical wood-framed wall. Loud noises outside a LOGIX building will be reduced to a whisper inside the building.



## Highly Moisture Resistant

ICF Walls don't need an extra vapor barrier. For below-grade applications, LOGIX provides a waterproofing system that ensures a comfortably dry basement. Improved air quality is another benefit as LOGIX eliminates the studs and cavities that can hold moisture and foster mold and mildew growth.



## Environmentally Friendly

Buildings constructed with LOGIX are designed to last for centuries, not decades. LOGIX ICF walls conserve precious natural forest resources and their energy efficiency reduces fuel consumption. The use of LOGIX promotes sustainable, green building practices, and is an investment in the future.





# simple steps to building a solid wall.



## Step 1

**Prepare the Job Site**  
Footings must be straight, flat and level within a tolerance of +/- 1/4" and meet local building codes. Building materials and forms should be at least 8' inside footings to allow space for bracing. Use chalk lines to snap wall layouts onto the footings.



## Step 2

**Place the First Course**  
Begin with a corner form and continue around the footings until first course is in place. Place reinforcement in the first course according to the specifications (see step 4). Start subsequent courses at the same corner as the first course, proceeding in the same direction.



## Step 3

**Check Level and Square**  
After the second course, check for level and square as per plan dimensions. If footings are out of level, adjust by spot trimming the bottom of the first course at high spots. Once forms are level and straightened to chalk lines, glue down to the footing using low-expansion foam.



## Step 4

**Reinforcement**  
Place horizontal reinforcing steel in the web slots, maintaining proper overlapping splice lengths. Once the second course is in place and reinforced, install form lock. Install vertical reinforcing after all courses and horizontal reinforcement have been placed.

## Easy to Install

LOGIX forms are the most builder-friendly ICF forms on the market. Our thicker, more solid 2 3/4" foam panels are standard on every form we make. This creates the strongest block available to enable the building of straight walls quickly and easily. Please see our website or ask us about more information on our quick, simple LOGIX approach to better building.



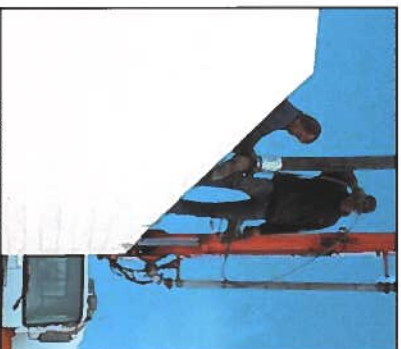
### Step 5

**Install Window and Door Bucks/Service Penetrations**  
Window and door bucks are installed as the wall takes shape to hold back the concrete and provide a fastening surface for windows, doors and trim. Reinforce door and window openings per design specifications. Make wall penetrations for utility or mechanical entry and exit points. Install appropriate plastic or metal sleeves.



### Step 6

**Align Walls**  
After three or four courses, attach upright steel channels to the LOGIX webs. Attach a turnbuckle arm to each upright and secure to the floor or ground, then insert a scaffold bracket behind the top of each turnbuckle. Place appropriate planks and rails according to safety regulations.



### Step 7

**Place the Concrete**  
For the concrete placement, we recommend a boom pump and the use of a double 90° or reducers to slow pouring velocity. Concrete should be placed in lift heights according to code and job site conditions. Internally vibrate the concrete after each lift.



### Step 8

**Install Rough Electrical and Plumbing**  
Cut openings for electrical boxes and channels for wiring with a hot knife or electric chain saw. Make wire channel depths in accordance with electrical codes. Make plumbing channels in a similar fashion. LOGIX will accommodate pipes up to 1 1/2" with fittings up to 2 1/2".



### Step 9

**Apply Interior and Exterior Finishes**  
LOGIX walls take interior coverings like gypsum wallboard, plaster, wood, etc. and exterior coverings like stucco; wood, metal, vinyl or cement fiber siding; brick, stone, log or EIFS. Finish materials can be applied using mechanical fasteners and/or adhesives according to local building codes.



# The LOGIX Difference

## Solid Blocks

LOGIX forms come in an industry standard 16" height. A variety of forms are available, including brick ledges, one-side taper tops, 4" height adjusters, and end caps. LOGIX is the first to offer half-height versions of its basic forms. Other ICF forms use a variety of foam thicknesses from 1 1/2" to 2 1/2". LOGIX uses 2 3/4" thick foam exclusively in all form sizes. Thicker foam means more insulating power as well as strength, which helps prevent damage during handling and distortion during concrete placement. Walls stay straighter and flatter.

## Solid webs

Webs are plastic frames that connect and properly space the two panels of insulating foam. They also hold in place the steel rebar used to strengthen the concrete, and provide attachment surfaces for interior and exterior wall finishes. The location of the web fastening surfaces is clearly defined on the face of the block. These fastening surfaces are among the widest and thickest available anywhere, making it easier for wall subcontractors to attach fasteners when installing finishes. LOGIX webs accept up to #6 rebar that snap into place, eliminating the time-consuming step of tying all rebar.



## The LOGIX Advantage

**For the Homeowner:** Compared to thinner forms, the thicker LOGIX forms reduce heat losses, giving you a higher R-Value. LOGIX not only offers higher energy savings, but also a more comfortable living environment.

**For the Builder:** The thicker LOGIX forms make them easier to handle and install, resulting in quicker installation on site. They provide straight walls, resulting in higher customer satisfaction and contractor profitability.

# Product Specifications

	Form Cavity Width				Half Form Cavity Width			
	Feature	4" (100 mm)	6" (160mm)	8" (200mm)	10" (250mm)	4" (100 mm)	6" (160mm)	8" (200mm)
Standard form	length o/a width height	48" (1219mm) 9.5" (241mm) 16" (406mm)	48" (1219mm) 11.75" (298mm) 16" (406mm)	48" (1219mm) 13.5" (343mm) 16" (406mm)	48" (1219mm) 15.5" (394mm) 16" (406mm)	48" (1219mm) 9.5" (241mm) 8" (203mm)	48" (1219mm) 11.75" (298mm) 8" (203mm)	48" (1219mm) 13.5" (343mm) 8" (203mm)
	length (shorter leg) length (longer leg) o/a width height	16.13" (410mm) 32.13" (816mm) 9.5" (241mm) 16" (406mm)	16.13" (410mm) 32.13" (816mm) 11.75" (298mm) 16" (406mm)	16.13" (410mm) 32.13" (816mm) 13.5" (343mm) 16" (406mm)	16.13" (410mm) 32.13" (816mm) 15.5" (394mm) 16" (406mm)	16.13" (410mm) 32.13" (816mm) 9.5" (241mm) 8" (203mm)	16.13" (410mm) 32.13" (816mm) 11.75" (298mm) 8" (203mm)	16.13" (410mm) 32.13" (816mm) 13.5" (343mm) 8" (203mm)
45° corner	outside length o/a width height	25.5" (648mm) 9.5" (241mm) 16" (406mm)	25.5" (648mm) 11.75" (298mm) 16" (406mm)	25.5" (648mm) 13.5" (343mm) 16" (406mm)	- - -	25.5" (648mm) 9.5" (241mm) 8" (203mm)	25.5" (648mm) 11.75" (298mm) 8" (203mm)	25.5" (648mm) 13.5" (343mm) 8" (203mm)
	length o/a width height	- - -	48" (1219mm) 15.63" (397mm) 16" (406mm)	48" (1219mm) 17.38" (441mm) 16" (406mm)	48" (1219mm) 19.38" (491mm) 16" (406mm)	- - -	- - -	- - -
Brick ledge	length o/a width height	- - -	48" (1219mm) 11.75" (298mm) 16" (406mm)	48" (1219mm) 13.5" (343mm) 16" (406mm)	48" (1219mm) 15.5" (394mm) 16" (406mm)	- - -	- - -	- - -
	length o/a width height	- - -	48" (1219mm) 11.75" (298mm) 16" (406mm)	48" (1219mm) 13.5" (343mm) 16" (406mm)	48" (1219mm) 15.5" (394mm) 16" (406mm)	- - -	- - -	- - -
Tapered top	thickness width height	2.25" (57mm) 4" (102mm) 16" (406mm)	2.25" (57mm) 6.25" (160mm) 16" (406mm)	2.25" (57mm) 8" (200mm) 16" (406mm)	2.25" (57mm) 10" (250mm) 16" (406mm)	- - -	- - -	- - -
	length o/a width height	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (609mm) 2.75" (70mm) 4" (102mm)	- - -	- - -	- - -
End cap	length o/a width height	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (609mm) 2.75" (70mm) 4" (102mm)	- - -	- - -	- - -
	length o/a width height	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (609mm) 2.75" (70mm) 4" (102mm)	- - -	- - -	- - -
Height adjuster	length o/a width height	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (609mm) 2.75" (70mm) 4" (102mm)	- - -	- - -	- - -
	length o/a width height	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (610mm) 2.75" (70mm) 4" (102mm)	24" (609mm) 2.75" (70mm) 4" (102mm)	- - -	- - -	- - -

# LOGIX ICF Walls are tried, tested and approved for superior performance

## Code Approvals:

- ICC-ESR 1642
- CCMC Report No. 13110-R
- Miami-Dade County NOA No. 03-0319.01
- Florida Building Code Approval FL2931
- Los Angeles Research Report No. RR25518
- Wisconsin Building Products Evaluation No. 200266-1
- City of New York MEA – pending
- Engineering Approvals from:
  - North & South Dakota
  - Wisconsin
  - Minnesota
  - Washington
  - Ontario
  - Manitoba
  - Alberta
  - British Columbia

## Logix has been evaluated to the following testing requirements:

- Meets 3 hour fire rating in accordance with ASTM E119 and CAN/ULC S101; also meets 4 hour fire rating as per the National Building Code and International Building Code
- Flame Spread less than 25 and Smoke Development less than 450 when tested in accordance with ASTM E84, UL 723, UBC 8-1
- Meets requirements of ASTM C578 "Standard Specification for Rigid, Cellular Polystyrene Thermal Insulation" as a Type II Thermal Insulation Material
- Polypropylene web material meets CC1 Requirements for plastic materials when tested in accordance with ASTM D1929, D635, and D2843
- Fastener Withdrawal Resistance tested in accordance with ASTM D1761
- Fastener Lateral Resistance tested in accordance with ASTM D1761
- Thermal Resistance (R-Value) in accordance with ASHRAE Fundamentals Handbook 2001
- Room Fire Test Standard for Interior of Foam Plastic Systems in accordance with UBC 26-3
- Crawl Space Evaluation in accordance with ICES (formerly ICBOES) requirements
- Sound Transmission Classification testing in accordance with ASTM E90. LOGIX achieved STC 50 & 56 for a 4" and 6.25" LOGIX wall, respectively.
- For a complete list of tests and details please see the LOGIX Technical Specifications document at [www.logixicf.com](http://www.logixicf.com)



All testing and evaluations performed by Intertek Services.



Walls are made entirely of recycled plastic. LOGIX foam panels are entirely recyclable.



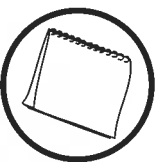
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CORP-11/05



For more information

Call toll free **1.888.706.7709**  
or visit [www.logixicf.com](http://www.logixicf.com)



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