

DATE 04/18/2008

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000026936

APPLICANT KIMMY EDGLEY PHONE 752-0580  
ADDRESS 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025  
OWNER GEORGE & KRISTY BAKER PHONE 752-0580  
ADDRESS 235 SW EVA TERRACE LAKE CITY FL 32024  
CONTRACTOR EDGLEY CONSTRUCTION PHONE 752-0580  
LOCATION OF PROPERTY 90 WEST, L 247, L 242, R EVA TERR, 2ND ON THE LEFT

TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 169650.00  
HEATED FLOOR AREA 2158.00 TOTAL AREA 3393.00 HEIGHT 23.60 STORIES 1  
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH 6/12 FLOOR SLAB  
LAND USE & ZONING AG-3 MAX. HEIGHT 35  
Minimum Set Back Requirements: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00  
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 28-4S-16-03234-002 SUBDIVISION \_\_\_\_\_  
LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 5.03

RR2511326  
Culvert Permit No. \_\_\_\_\_ Culvert Waiver \_\_\_\_\_ Contractor's License Number JHummy Edgley Applicant/Owner/Contractor  
EXISTING 08-0285 BK JH N  
Driveway Connection \_\_\_\_\_ Septic Tank Number \_\_\_\_\_ LU & Zoning checked by \_\_\_\_\_ Approved for Issuance \_\_\_\_\_ New Resident \_\_\_\_\_

COMMENTS: FLLOR ONE FOOT ABOVE THE ROAD,

Check # or Cash 3835

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 \$ 850.00 CERTIFICATION FEE \$ 16.96 SURCHARGE FEE \$ 16.96  
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$ \_\_\_\_\_  
FLOOD DEVELOPMENT FEE \$ \_\_\_\_\_ FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 958.92  
INSPECTORS OFFICE L. Haddon CLERKS OFFICE CH

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."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED TO BE IN ACTIVE PROGRESS WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS.

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

101  
Inst:2005024628 Date:10/04/2005 Time:15:59  
Doc Stamp-Deed : 0.70  
MK DC,P.Dewitt Cason,Columbia County B:1060 P:1928

Prepared by:  
Michael H. Harrell  
Abstract & Title Services, Inc.  
382 SW Baya Drive  
Lake City, Florida 32025

# Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 21st day of January, 2005 by

Donald D. Fowler, and his wife, Teresa D. Fowler

Inst:2005001646 Date:01/25/2005 Time:10:02  
Doc Stamp-Deed : 682.50

hereinafter called the grantor, to

MK DC,P.Dewitt Cason,Columbia County B:1036 P:522

George R. Baker, and his wife, Kristy S. Baker

whose post office address is: 200 SW Soundless, Lake City, FL 32024  
hereinafter called the grantee:

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

Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# R03234-002

See Exhibit "A" attached hereto and by this reference made a part hereof.

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

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

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

Signed, sealed and delivered in our presence:

Rhonda B. Green  
Witness Rhonda B. Green

Donald D. Fowler  
Donald D. Fowler

Megan Marable  
Witness Megan Marable

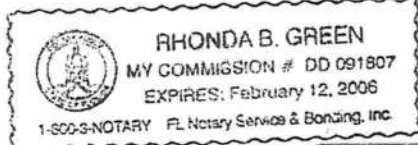
Teresa D. Fowler  
Teresa D. Fowler

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 21st day of January, 2005 by Donald D. Fowler, and his wife, Teresa D. Fowler personally known to me or, if not personally known to me, who produced Driver's License No. \_\_\_\_\_ for identification and who did not take an oath.

(SEAL)

Rhonda B. Green  
Notary Public



Inst:2005032275 Date:12/29/2005 Time:11:52  
Doc Stamp-Deed : 0.70  
DC,P.Dewitt Cason,Columbia County B:1069 P:1939



# Columbia County Building Permit Application

For Office Use Only Application # 0804-26 Date Received 4/4/08 By G Permit # 26936  
 Zoning Official BJA Date 17.04.08 Flood Zone X FEMA Map # N/A Zoning A-3  
 Land Use A-3 Elevation N/A MFE 1 ft above easement River N/A Plans Examiner OK JTH Date 4-14-08

## Comments

- ☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☒ State Road Info ☐ Parent Parcel # \_\_\_\_\_  
☐ Dev Permit # \_\_\_\_\_ ☐ In Floodway ☐ Letter of Authorization from Contractor  
☐ Unincorporated area ☐ Incorporated area ☐ Town of Fort White ☐ Town of Fort White Compliance letter

Septic Permit No. 08-0285 Fax 752-4904

Name Authorized Person Signing Permit KIMMY EDGLEY Phone 752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Owners Name GEORGE R & KRISTY S BAKER Phone 752-0580

911 Address 235 SW EVA TERRACE LAKE CITY FL 32024

Contractors Name EDGLEY CONSTRUCTION CO. Phone 752-0580

Address 590 SW ARLINGTON BLVD SUITE 113 LAKE CITY FL 32025

Fee Simple Owner Name & Address GEORGE R & KRISTY S BAKER

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address MARK DISOSWAY P.E. P.O. BOX 868 LAKE CITY FL 32056

Mortgage Lenders Name & Address FFSB P.O. BOX 2029 LAKE CITY FL 32056

Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progress Energy

Property ID Number 28-4S-16-03234-002 Estimated Cost of Construction \$272,000

Subdivision Name N/A Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_

Driving Directions HWY 90 WEST, TL ON CR 247, TL ON 242, TR ON EVA TERRACE,

SECOND SITE ON LEFT

Number of Existing Dwellings on Property N/A

Construction of RESIDENTIAL HOME Total Acreage 5.03 Lot Size \_\_\_\_\_

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 23'6"

Actual Distance of Structure from Property Lines - Front 387' Side 78'6" Side 173'7" Rear 323'8"

Number of Stories 1 Heated Floor Area 2158 Total Floor Area 3393 Roof Pitch 6/12

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.

*15 ft message w/ Peggy*  
*4/17/08*



**Columbia County Building Permit Application**

**WARNING TO OWNER:** YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT.

**FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment**

According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

**NOTICE OF RESPONSIBILITY TO BUILDING PERMITEE:**

**YOU ARE HEREBY NOTIFIED** as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

**OWNERS CERTIFICATION:** 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. I further understand the above written responsibilities in Columbia County for obtaining this Building Permit.

  
Owners Signature

**CONTRACTORS AFFIDAVIT:** By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit.

  
Contractor's Signature (Permitee)

Contractor's License Number RR282811326  
Columbia County 5878  
Competency Card Number \_\_\_\_\_

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 10<sup>th</sup> day of April 2008  
Personally known ☒ or Produced Identification \_\_\_\_\_

  
State of Florida Notary Signature (For the Contractor)

SEAL:



THIS DEED IS BEING RECORDED TO ADD THE CORRECTED EXHIBIT "A".

054-09038

Inst:2005024629 Date:10/04/2005 Time:15:59  
Doc Stamp-Deed : 0.70  
DC,P.Dewitt Cason,Columbia County B:1060 P:1929

Prepared by:  
Michael H. Harrell  
Abstract & Title Services, Inc.  
382 SW Baya Drive  
Lake City, Florida 32025

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Individual to Individual

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DC,P.Dewitt Cason,Columbia County B:1036 P:522

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Witnesseth: That the grantor, for and in consideration of the sum of \$10.00 and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys, and confirms unto the grantee, all that certain land situate in COLUMBIA County, FLORIDA, viz: Parcel ID# R03234-002

See Exhibit "A" attached hereto and by this reference made a part hereof.

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

TO HAVE AND TO HOLD, the same in fee simple forever.

AND the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances, except taxes accruing subsequent to December 31, 2004.

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

Signed, sealed and delivered in our presence:

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Witness **Rhonda B. Green**

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Donald D. Fowler  
Teresa D. Fowler  
Teresa D. Fowler

Megan Marable  
Witness **Megan Marable**

STATE OF FLORIDA  
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 21st day of January, 2005 by Donald D. Fowler, and his wife, Teresa D. Fowler personally known to me or, if not personally known to me, who produced Driver's License No. \_\_\_\_\_ for identification and who did not take an oath.

(SEAL)

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Notary Public



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DC,P.Dewitt Cason,Columbia County B:1069 P:1939

EXHIBIT "A"

BEGIN AT THE SOUTHWEST CORNER OF THE NORTHWEST ¼ OF THE NORTHWEST ¼, SECTION 28, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE N 89°28'27" EAST, ALONG THE SOUTH LINE OF SAID NORTHWEST ¼ OF NORTHWEST ¼, 676.64 FEET; THENCE NORTH 00°04'03" WEST, 647.18 FEET; THENCE SOUTH 89°28'27" WEST, 164.49 FEET; THENCE NORTH 00°27'17" EAST, 180.00 FEET; THENCE SOUTH 89°28'27" WEST, 210.57 FEET; THENCE NORTH 00°27'17" EAST, 429.70 FEET TO THE SOUTH RIGHT-OF-WAY LINE OF COUNTY ROAD NO. C-242; THENCE SOUTH 89°03'35" WEST ALONG SAID SOUTH RIGHT-OF-WAY LINE, 297.26 FEET TO THE WEST LINE OF SECTION 28; THENCE S 0°27'17" WEST, 1254.79 FEET TO THE POINT OF BEGINNING.  
SUBJECT TO A NON-EXCLUSIVE PERPETUAL EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE WEST 60 FEET.

THIS DEED IS BEING RE-RECORDED TO CORRECT THE LEGAL DESCRIPTION.

Inst:2005032275 Date:12/29/2005 Time:11:52

Doc Stamp-Deed : 0.70

\_\_\_\_DC, P. DeWitt Cason, Columbia County B:1069 P:1940

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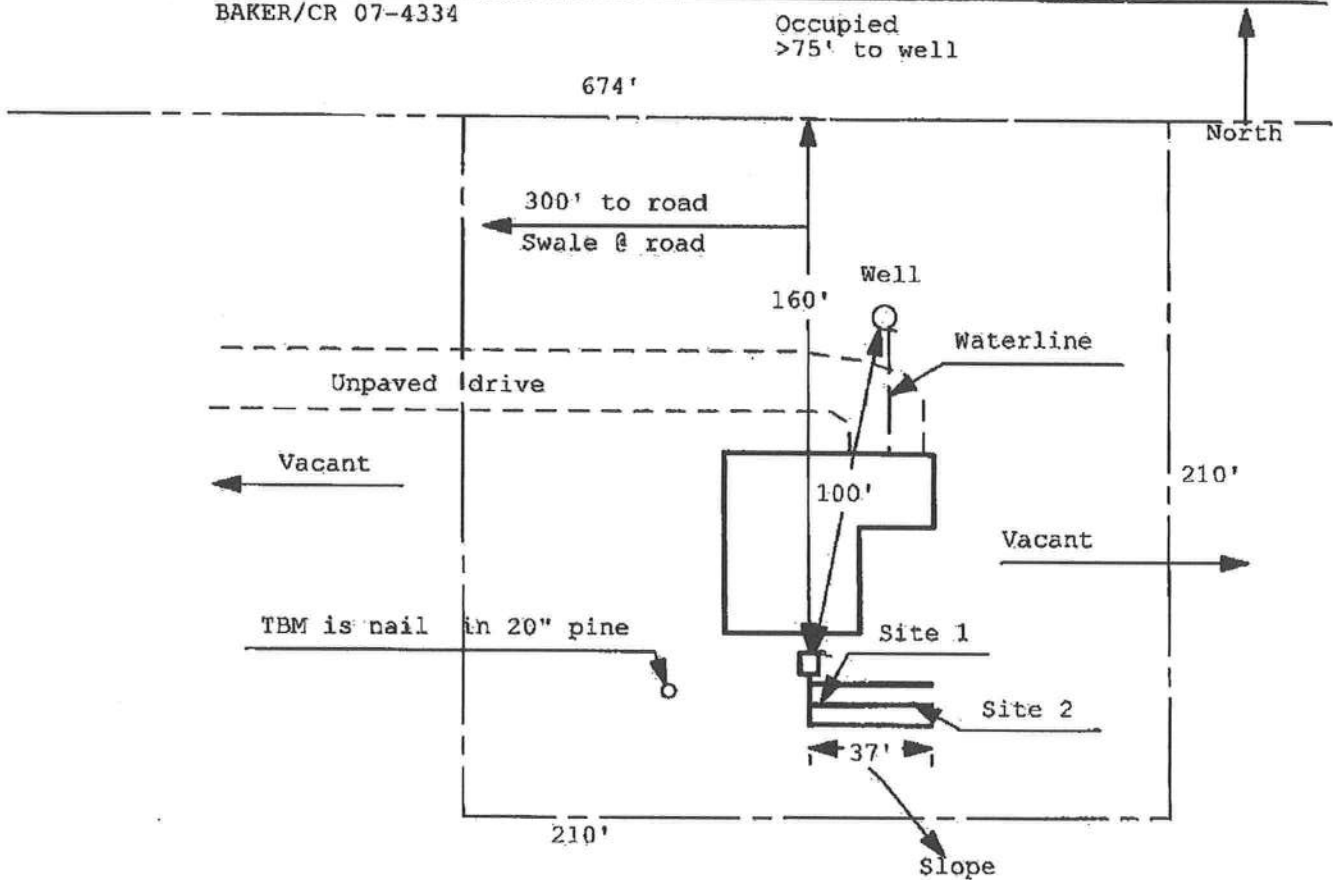


Application for Onsite Sewage Disposal System  
Construction Permit. Part II Site Plan  
Permit Application Number: 08-0285

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT

BAKER/CR 07-4334

Occupied  
>75' to well



Occupied  
>75' to well

1 inch = 50 feet

Site Plan Submitted By Paul Lloyd Date 3/24/08  
Plan Approved ☒ Not Approved ☐ Date 4/8/08

By Mr. O. L. Columbia CPHU

Notes: \_\_\_\_\_



## COLUMBIA COUNTY 9-1-1 ADDRESSING

P. O. Box 1787, Lake City, FL 32056-1787

PHONE: (386) 758-1125 • FAX: (386) 758-1365 • Email: ron\_croft@columbiacountyfla.com

### Addressing Maintenance

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

DATE REQUESTED: 3/24/2008 DATE ISSUED: 3/27/2008

#### ENHANCED 9-1-1 ADDRESS:

235 SW EVA

TER

LAKE CITY FL 32024

#### PROPERTY APPRAISER PARCEL NUMBER:

28-4S-16-03234-002

#### Remarks:

Address Issued By:



Columbia County 9-1-1 Addressing / GIS Department

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

Approved Address

1170

MAR 27 2008

911Addressing/GIS Dept

# HALL'S PUMP & WELL SERVICE, INC.

SPECIALIZING IN 4"-6" WELLS



DONALD AND MARY HALL  
OWNERS

PHONE (904) 752-1854  
FAX (904) 755-7022  
~~1024 NORTH HASTING STREET~~  
LAKE CITY, FLORIDA 32055  
904 NW Main Blvd.

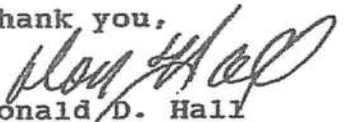
June 12, 2002

## NOTICE TO ALL CONTRACTORS

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

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

Thank you,

  
Donald D. Hall  
DDH/jk

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

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

Project Name: 711264Baker,KristyResidence  
Address:  
City, State: , FL  
Owner: Baker, Kristy Residence  
Climate Zone: North

Builder: Edgely Court  
Permitting Office: Columbia County  
Permit Number: 26936  
Jurisdiction Number: 221500

- |   |                                |  |                   |
|---|--------------------------------|--|-------------------|
| 1. New construction or existing   | New                            | 12. Cooling systems                    |                   |
| 2. Single family or multi-family  | Single family                  | a. Central Unit                        | Cap. 43.0 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 (ft <sup>2</sup> )                                    | 2158 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: 43.0 kBtu/hr |
| (or Single or Double DEFAULT) 7a. (Dble Default) 249.0 ft <sup>2</sup>          |                                |  | HSPE: 7.90        |
| b. SHGC:  |                                | b. N/A                                 |                   |
| (or Clear or Tint DEFAULT) 7b. (Clear) 249.0 ft <sup>2</sup>                    |                                | c. N/A                                 |                   |
| 8. Floor types  |                                | 14. Hot water systems                  |                   |
| a. Slab-On-Grade Edge Insulation  | R=0.0, 243.0(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, 1617.0 ft <sup>2</sup> | (HR-Heat recovery, Solar               |                   |
| b. Frame, Wood, Adjacent  | R=13.0, 241.0 ft <sup>2</sup>  | 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, 2178.0 ft <sup>2</sup> | MZ-C-Multizone cooling,                |                   |
| b. N/A  |                                | MZ-H-Multizone heating)                |                   |
| c. N/A  |                                |  |                   |
| 11. Ducts   |                                |  |                   |
| a. Sup: Unc. Ret: Unc. All: Interior  | Sup. R=6.0, 190.0 ft           |  |                   |
| b. N/A  |                                |  |                   |

Glass/Floor Area: 0.12

Total as-built points: 26219

Total base points: 30899

# 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: 3-19-04

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

OWNER/AGENT: \_\_\_\_\_

DATE: \_\_\_\_\_

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

BUILDING OFFICIAL: \_\_\_\_\_

DATE: \_\_\_\_\_



<sup>1</sup> 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: , , FL,

PERMIT #:

BASE				AS-BUILT						
<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	2158.0	20.04	7784.3	Double, Clear	S	1.5	0.0	3.0 35.87 0.43	46.5	
				Double, Clear	S	1.5	0.0	45.0 35.87 0.43	697.1	
				Double, Clear	S	1.5	6.5	20.0 35.87 0.88	629.0	
				Double, Clear	S	1.5	6.5	20.0 35.87 0.88	629.0	
				Double, Clear	S	9.0	6.5	40.0 35.87 0.48	689.7	
				Double, Clear	S	7.0	6.5	30.0 35.87 0.51	548.3	
				Double, Clear	W	1.5	2.5	3.0 38.52 0.67	77.6	
				Double, Clear	N	9.0	6.5	60.0 19.20 0.66	765.1	
				Double, Clear	N	1.5	4.5	9.0 19.20 0.90	155.5	
				Double, Clear	E	1.5	5.5	16.0 42.06 0.90	603.2	
				Double, Clear	E	1.5	2.5	3.0 42.06 0.66	83.8	
				<b>As-Built Total:</b>			249.0			4924.7
<b>WALL TYPES</b> Area X BSPM = Points				Type	R-Value			Area X SPM = Points		
Adjacent	241.0	0.70	168.7	Frame, Wood, Exterior	13.0			1617.0 1.50	2425.5	
Exterior	1617.0	1.70	2748.9	Frame, Wood, Adjacent	13.0			241.0 0.60	144.6	
<b>Base Total:</b>				<b>As-Built Total:</b>			1858.0			2570.1
<b>DOOR TYPES</b> Area X BSPM = Points				Type				Area X SPM = Points		
Adjacent	20.0	1.60	32.0	Exterior Insulated				40.0 4.10	164.0	
Exterior	60.0	4.10	246.0	Exterior Insulated				20.0 4.10	82.0	
				Adjacent Insulated				20.0 1.60	32.0	
<b>Base Total:</b>				<b>As-Built Total:</b>			80.0			278.0
<b>CEILING TYPES</b> Area X BSPM = Points				Type	R-Value			Area X SPM X SCM = Points		
Under Attic	2158.0	1.73	3733.3	Under Attic	30.0			2178.0 1.73 X 1.00	3767.9	
<b>Base Total:</b>				<b>As-Built Total:</b>			2178.0			3767.9
<b>FLOOR TYPES</b> Area X BSPM = Points				Type	R-Value			Area X SPM = Points		
Slab	243.0(p)	-37.0	-8991.0	Slab-On-Grade Edge Insulation	0.0			243.0(p) -41.20	-10011.6	
Raised	0.0	0.00	0.0							
<b>Base Total:</b>				<b>As-Built Total:</b>			243.0			-10011.6

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT			
INFILTRATION Area X BSPM = Points				Area X SPM = Points			
2158.0 10.21 22033.2				2158.0 10.21 22033.2			
<b>Summer Base Points: 27755.5</b>				<b>Summer As-Built Points: 23562.3</b>			
Total Summer Points	X System Multiplier	= Cooling Points		Total Component (System - Points)	X Cap Ratio (DM x DSM x AHU)	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier X Credit Multiplier = Cooling Points
27755.5	0.4266	11840.5		<small>(sys 1: Central Unit 43000 btuh ,SEER/EFF(13.0) Ducts:Unc(S),Unc(R),Int(AH),R6.0(INS)</small> 23562 1.00 (1.09 x 1.147 x 0.91) 0.263 1.000 7037.9 <b>23562.3 1.00 1.138 0.263 1.000 7037.9</b>			

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE				AS-BUILT							
<b>GLASS TYPES</b>											
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X WPM X WOF = Points				
.18	2158.0	12.74	4948.7	Double, Clear	S	1.5	0.0	3.0	13.30	3.66	146.0
				Double, Clear	S	1.5	0.0	45.0	13.30	3.66	2190.1
				Double, Clear	S	1.5	6.5	20.0	13.30	1.09	291.0
				Double, Clear	S	1.5	6.5	20.0	13.30	1.09	291.0
				Double, Clear	S	9.0	6.5	40.0	13.30	3.19	1695.7
				Double, Clear	S	7.0	6.5	30.0	13.30	2.86	1139.7
				Double, Clear	W	1.5	2.5	3.0	20.73	1.11	68.8
				Double, Clear	N	9.0	6.5	60.0	24.58	1.02	1507.0
				Double, Clear	N	1.5	4.5	9.0	24.58	1.00	222.2
				Double, Clear	E	1.5	5.5	16.0	18.79	1.04	313.1
				Double, Clear	E	1.5	2.5	3.0	18.79	1.16	65.2
				<b>As-Built Total:</b>				249.0	7929.8		
<b>WALL TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Adjacent	241.0	3.60	867.6	Frame, Wood, Exterior	13.0		1617.0	3.40	5497.8		
Exterior	1617.0	3.70	5982.9	Frame, Wood, Adjacent	13.0		241.0	3.30	795.3		
<b>Base Total:</b>				<b>As-Built Total:</b>		1858.0		6293.1			
<b>DOOR TYPES</b> Area X BWPM = Points				Type			Area X WPM = Points				
Adjacent	20.0	8.00	160.0	Exterior Insulated			40.0	8.40	336.0		
Exterior	60.0	8.40	504.0	Exterior Insulated			20.0	8.40	168.0		
				Adjacent Insulated			20.0	8.00	160.0		
<b>Base Total:</b>				<b>As-Built Total:</b>		80.0		664.0			
<b>CEILING TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points				
Under Attic	2158.0	2.05	4423.9	Under Attic	30.0		2178.0	2.05 X 1.00	4464.9		
<b>Base Total:</b>				<b>As-Built Total:</b>		2178.0		4464.9			
<b>FLOOR TYPES</b> Area X BWPM = Points				Type	R-Value		Area X WPM = Points				
Slab	243.0(p)	8.9	2162.7	Slab-On-Grade Edge Insulation	0.0		243.0(p)	18.80	4568.4		
Raised	0.0	0.00	0.0								
<b>Base Total:</b>				<b>As-Built Total:</b>		243.0		4568.4			



# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE			AS-BUILT			
INFILTRATION Area X BWPM = Points			Area X WPM = Points			
2158.0 -0.59 -1273.2			2158.0 -0.59 -1273.2			
<b>Winter Base Points: 17776.6</b>			<b>Winter As-Built Points: 22647.0</b>			
Total Winter X System = Heating Points Multiplier Points			Total X Cap X Duct X System X Credit = Heating Component Ratio Multiplier Multiplier Multiplier Points (System - Points) (DM x DSM x AHU)			
17776.6 0.6274 11153.0			(sys 1: Electric Heat Pump 43000 btuh ,EFF(7.9) Ducts:Unc(S),Unc(R),Int(AH),R6.0 22647.0 1.000 (1.069 x 1.169 x 0.93) 0.432 1.000 11360.9 22647.0 1.00 1.162 0.432 1.000 11360.9			

**WATER HEATING & CODE COMPLIANCE STATUS**

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

BASE					AS-BUILT					
<b>WATER HEATING</b>										
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
					<b>As-Built Total:</b>					7820.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
11840		11153		7905		30899	
Cooling Points	+	Heating Points	+	Hot Water Points	=	Total Points	
7038		11361		7820		26219	

**PASS**

# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , FL,

PERMIT #:

**6A-21 INFILTRATION REDUCTION COMPLIANCE CHECKLIST**

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 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\* = 86.2**

The higher the score, the more efficient the home.

Baker, Kristy Residence, , , FL.

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 43.0 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 (ft <sup>2</sup> )	2158 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: 43.0 kBtu/hr
(or Single or Double DEFAULT)	7a. (Dble Default) 249.0 ft <sup>2</sup>		HSPF: 7.90
b. SHGC:		b. N/A	
(or Clear or Tint DEFAULT)	7b. (Clear) 249.0 ft <sup>2</sup>	c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 243.0(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, 1617.0 ft <sup>2</sup>	(HR-Heat recovery, Solar	
b. Frame, Wood, Adjacent	R=13.0, 241.0 ft <sup>2</sup>	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, 2178.0 ft <sup>2</sup>	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, 190.0 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: \_\_\_\_\_ Date: \_\_\_\_\_

Address of New Home: \_\_\_\_\_ City/FL Zip: \_\_\_\_\_



*\*NOTE: The home's estimated energy performance score is only available through the FLA/RES computer program. This is not a Building Energy Rating. If your score is 80 or greater (or 86 for a US EPA/DOE EnergyStar<sup>TM</sup> designation), your home may qualify for energy efficiency mortgage (EEM) incentives if you obtain a Florida Energy Gauge Rating. Contact the Energy Gauge Hotline at 321/638-1492 or see the Energy Gauge web site at [www.fsec.ucf.edu](http://www.fsec.ucf.edu) for information and a list of certified Raters. For information about Florida's Energy Efficiency Code For Building Construction, contact the Department of Community Affairs 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: FLR2PB v4.1)

Applicant	Plans Examiner	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	All drawings must be clear, concise and drawn to scale ("Optional " details that are not used shall be marked void or crossed off). Square footage of different areas shall be shown on plans.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Designers name and signature on document (FBC 104.2.1). If licensed architect or engineer, official seal shall be affixed.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b><u>Site Plan including:</u></b> a) Dimensions of lot b) Dimensions of building set backs c) Location of all other buildings on lot, well and septic tank if applicable, and all utility easements. d) Provide a full legal description of property.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b><u>Wind-load Engineering Summary, calculations and any details required</u></b> a) Plans or specifications must state compliance with FBC Section 1606 b) The following information must be shown as per section 1606.1.7 FBC a. Basic wind speed (MPH) b. Wind importance factor (I) and building category c. Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated d. The applicable internal pressure coefficient e. Components and Cladding. The design wind pressure in terms of psf (kN/m <sup>2</sup> ), to be used for the design of exterior component and cladding materials not specifically designed by the registered design professional
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b><u>Elevations including:</u></b> a) All sides b) Roof pitch c) Overhang dimensions and detail with attic ventilation d) Location, size and height above roof of chimneys e) Location and size of skylights f) Building height g) Number of stories

**Floor Plan including:**

- ☒ ☐ a) Rooms labeled and dimensioned
- ☒ ☐ b) Shear walls
- ☒ ☐ c) Windows and doors (including garage doors) showing size, mfg., approval listing and attachment specs. (FBC 1707) and safety glazing where needed (egress windows in bedrooms to be shown)
- ☒ ☐ d) Fireplaces (gas appliance) (vented or non-vented) or wood burning with hearth
- ☐ ☐ e) Stairs with dimensions (width, tread and riser) and details of guardrails and handrails
- ☒ ☐ f) Must show and identify accessibility requirements (accessible bathroom)

**Foundation Plan including:**

- ☒ ☐ a) Location of all load-bearing wall with required footings indicated as standard Or monolithic and dimensions and reinforcing
- ☒ ☐ b) All posts and/or column footing including size and reinforcing
- ☐ ☐ c) Any special support required by soil analysis such as piling
- ☐ ☐ d) Location of any vertical steel

**Roof System:**

- ☒ ☐ a) Truss package including:
  - 1. Truss layout and truss details signed and sealed by FI. Pro. Eng.
  - 2. Roof assembly (FBC 104.2.1 Roofing system, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)
- ☒ ☐ b) Conventional Framing Layout including:
  - 1. Rafter size, species and spacing
  - 2. Attachment to wall and uplift
  - 3. Ridge beam sized and valley framing and support details
  - 4. Roof assembly (FBC 104.2.1 Roofing systems, materials, manufacturer, fastening requirements and product evaluation with wind resistance rating)

**Wall Sections including:**

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

**b) Wood frame wall**

1. All materials making up wall
2. Size and species of studs
3. Sheathing size, type and nailing schedule
4. Headers sized
5. Gable end showing balloon framing detail or gable truss and wall hinge bracing detail
6. All required fasteners for continuous tie from roof to foundation (truss anchors, straps, anchor bolts and washers)
7. Roof assembly shown here or on roof system detail (FBC104.2.1 Roofing system materials, manufacturer, fastening requirements and product evaluation with win resistance rating)
8. Fire resistant construction (if applicable)
9. Fireproofing requirements
10. Show type of termite treatment (termicide or alternative method)
11. Slab on grade
  - a. Vapor retardant (6Mil. Polyethylene with joints lapped 6 inches and sealed
  - b. Must show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and supports
12. Indicate where pressure treated wood will be placed
13. Provide insulation R value for the following:
  - a. Attic space
  - b. Exterior wall cavity
  - c. Crawl space (if applicable)

c) Metal frame wall and roof (designed, signed and sealed by Florida Prof. Engineer or Architect)

**Floor Framing System:**

- Floor truss package including layout and details, signed and sealed by Florida Registered Professional Engineer
- Floor joist size and spacing
- Girder size and spacing
- Attachment of joist to girder
- Wind load requirements where applicable

### Plumbing Fixture layout

**Electrical layout including:**

- a) Switches, outlets/receptacles, lighting and all required GFCI outlets identified
- b) Ceiling fans
- c) Smoke detectors
- d) Service panel and sub-panel size and location(s)
- e) Meter location with type of service entrance (overhead or underground)
- f) Appliances and HVAC equipment
- g) Arc Fault Circuits (AFCI) in bedrooms

### **HVAC information**

- a) Manual J sizing equipment or equivalent computation
- b) Exhaust fans in bathroom

**Energy Calculations** (dimensions shall match plans)

**Gas System Type (LP or Natural) Location and BTU demand of equipment**

### **Disclosure Statement for Owner Builders**

**\*\*\*Notice Of Commencement Required Before Any Inspections Will Be Done**

### Private Potable Water

- Size of pump motor
- Size of pressure tank
- Cycle stop valve if used