

# Notice of Treatment

**Applicator** Florida Pest Control & Chemical Co. 11729

**Address** Bona Ave

**City** Lake City

**Phone** 821703

**Site Location** Subdivision

**Lot#** 7

**Block#** 7

**Permit#** 23624

**Address** 443 SW 1st Ave CT

## AREAS TREATED

Area Treated	Date	Time	Gal.	Print Technician's
				Name
Main Body	11/22/05	10:15	4	F254
Patio/s #				
Stoop/s #				
Porch/s #				
Brick Veneer				
Extension Walls				
A/C Pad				
Walk/s #				
Exterior of Foundation				
Driveway Apron				
Out Building				
Tub Trap/s				
(Other)				

**Name of Product Applied** Booster

23 %

**Remarks**



09/19/2005

# Columbia County Building Permit

PERMIT

This Permit Expires One Year From the Date of Issue

000023624

APPLICANT MAX BASS PHONE 386.935.4371

ADDRESS 23883 SR 49 O'BRIEN FL 32071

OWNER KEITH & CANDICE HUDSON PHONE 386.752.6549

ADDRESS 443 SW TALL PINE COURT LAKE CITY FL 32024

CONTRACTOR MAX BASS PHONE 386.935.4371

LOCATION OF PROPERTY SR-247-S TO C-242, TR GO 2 MILES TO TALL PINE ROAD, 1/4 MILE  
ON R.

TYPE DEVELOPMENT SFD & UTILITY ESTIMATED COST OF CONSTRUCTION 90000.00

HEATED FLOOR AREA 1800.00 TOTAL AREA 1920.00 HEIGHT 17.00 STORIES 1

FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC


LAND USE & ZONING A-3 MAX. HEIGHT 35

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

NO. EX.D.U. 0 FLOOD ZONE XPS DEVELOPMENT PERMIT NO. \_\_\_\_\_

PARCEL ID 24-4S-15-00384-020 SUBDIVISION \_\_\_\_\_

LOT \_\_\_\_\_ BLOCK \_\_\_\_\_ PHASE \_\_\_\_\_ UNIT \_\_\_\_\_ TOTAL ACRES 3.29

RR28281115 

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

EXISTING 05-0916-N BLK N

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

COMMENTS: NOC ON FILE. 1 FOOT ABOVE ROAD. SECTION 14.9.SPECIAL FAMILY LOT

PREVENTATIVE TERMITE REPORT.

Check # or Cash 1780

## 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 \$ 450.00 CERTIFICATION FEE \$ 9.60 SURCHARGE FEE \$ 9.60

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

FLOOD ZONE DEVELOPMENT FEE \$ \_\_\_\_\_ CULVERT FEE \$ \_\_\_\_\_ TOTAL FEE 519.20

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.



## Columbia County Building Permit Application

left message 9/15/05  
Revised 9-23-04

For Office Use Only Application # 0508-91 Date Received 8/23/05 By JW Permit # 23624  
Application Approved by - Zoning Official BLK Date 13.09.05 Plans Examiner OK JH Date 8-6-05  
Flood Zone 100 year Development Permit N/A Zoning A-3 Land Use Plan Map Category A-3  
Comments En. Health - ~~UPPER DECK~~ Section 14.9 Special Family Lot  
Site Plan

Applicants Name Max L. Bass Phone 386-935-4371  
Address 23883 CR 49 O'Brien Pl 32071  
Owners Name KEITH & CANDICE HUDSON Phone 386-752-6549  
911 Address 443 SW Tall Pine Ct. Lake City Fl. 32024  
Contractors Name Max L. Bass Phone 386-935-4371  
Address 23883 CR 49 O'Brien Pl 32071  
Fee Simple Owner Name & Address \_\_\_\_\_  
Bonding Co. Name & Address \_\_\_\_\_  
Architect/Engineer Name & Address Mark Disosway PE 163 Midtown Pl Lake City 32025  
Mortgage Lenders Name & Address Inayma Bank FSB c/o Custom Mortgage Svcs.,  
3465 E. Pothill Blvd., Pasadena, Ca 91107  
Circle the correct power company - FL Power & Light - Clay Elec. - Suwannee Valley Elec. - Progressive Energy  
Property ID Number R00384-020-(24-45-15) Estimated Cost of Construction 105,000  
Subdivision Name \_\_\_\_\_ Lot \_\_\_\_\_ Block \_\_\_\_\_ Unit \_\_\_\_\_ Phase \_\_\_\_\_  
Driving Directions S on Hwy 247 TR on Hwy 242 - 2 mi TR  
on Tall Pine Rd Job 1/4 mi on R

Type of Construction S.F.R. Number of Existing Dwellings on Property 0  
Total Acreage 3.29 Lot Size \_\_\_\_\_ Do you need a - Culvert Permit or Culvert Waiver or (Have an Existing Drive)  
Actual Distance of Structure from Property Lines - Front 324' Side 100' Side 100' Rear 217'  
Total Building Height 17' Number of Stories 1 Heated Floor Area 1800 Roof Pitch 6/12  
PORCH 120 TOTAL 1920

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.

Max L. Bass  
Owner/Builder or Agent (Including Contractor)

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Sworn to (or affirmed) and subscribed before me

this 23rd day of August 2005.

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

Max L. Bass  
Contractor Signature  
Contractors License Number RR282811195  
Competency Card Number 5077  
NOTARY STAMP/SEAL

Susanne C Ward  
Notary Signature



Susanne C Ward  
My Commission DD109130  
Expires June 01, 2006





This Instrument Prepared By:  
Jack Hudson  
445 SW Tall Pine Court  
Lake City, Florida 32024

PARCEL NO: (part of 00384-020)

Inst:2005013093 Date:06/03/2005 Time:11:36  
Doc Stamp-Deed : 0.70  
MK DC, P. Dewitt Cason, Columbia County B:1047 P:2859

## WARRANTY DEED

This Warranty Deed, made the 2nd day of June 2005, by Jack R. & Frances B. Hudson hereinafter called the Grantor, to Jack K. Hudson and Candice D. Hudson, husband and wife, whose post office address is 445 SW Tall Pine Ct, Lake City, Florida 32024 hereinafter called the Grantee.

(Wherever used herein the terms "Grantor" and "Grantee" shall include singular and plural, heirs, legal representatives, and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

**WITNESSETH:** That the Grantor, for and in consideration of the sum of TEN DOLLARS (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantee all that certain land situate, lying and being in COLUMBIA County, State of Florida, viz: Together, with all the tenements, hereditaments and appurtenances thereto belonging or in anyway appertaining. To Have and to Hold, the same in fee simple forever.

## SEE SCHEDULE "A" ATTACHED

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, and hereby 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 the presence of:

Maria Bonesio  
Witness Signature

Maria Bonesio  
Printed Name

P. Dewitt  
Witness Signature

Kristine Prevatt  
Printed Name

Jack R. Hudson  
JACK R HUDSON

Frances B. Hudson  
FRANCES B HUDSON

### STATE OF FLORIDA COUNTY OF COLUMBIA

I hereby certify that on this day, before me, an officer duly authorized to administer oaths and take acknowledgments, personally appeared JACK R & FRANCES B HUDSON known to me to be the persons described in and who executed the foregoing instrument, who acknowledged before me that they executed the same, and an oath was not taken. (Check one: )    Said person(s) is personally known to me.    Said person(s) provided the following type of identification: FL DL

Witness my hand and official seal in the County and State last aforesaid  
This 3rd day of June, 2005.

Laura L Hutchins  
Notary Signature

Laura L Hutchins  
Printed Name





SCHEDULE "A"

DESCRIPTION:

COMMENCE AT THE SE CORNER OF THE NE 1/4 OF THE SE 1/4 OF SECTION 24, TOWNSHIP 4 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA AND RUN N.01°21'49"W., ALONG THE EAST LINE THEREOF, 529.91 FEET; THENCE S.88°22'04"W., 753.59 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S.88°22'04"W., 540.17 FEET TO THE EAST RIGHT-OF-WAY LINE OF SW TALL PINE COURT; THENCE S.01°18'38"E., ALONG SAID RIGHT-OF-WAY LINE, 265.17 FEET; THENCE N.88°21'12"E., 541.73 FEET; THENCE N.01°38'48"W., 265.03 FEET TO THE POINT OF BEGINNING. CONTAINING 3.29 ACRES, MORE OR LESS.  
SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE NORTH 30.00 FEET THEREOF.

Inst:2005013093 Date:06/03/2005 Time:11:36

Doc Stamp-Deed : 0.70

DC,P.Dewitt Cason,Columbia County B:1047 P:2860

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

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

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

- 
1. Name of Recipient Relative (Applicant) Jack Keith Hudson  
Address 445 SW Tall Pine Ct City Lake City Fl Zip Code 32024  
Phone (386) 752-6549
2. Name of Title Holder(s) Jack + Fran Hudson  
Address 445 SW Tall Pine Ct City Lake City Fl Zip Code 32024  
Phone (386) 752-6549
3. Recipient's Relationship to Title Holder SON
4. Size of Property 3.29 Acres
5. Tax Parcel ID# 000384-070 (Attach a Copy of the Deed)

**No permit will be issued unless the deed is properly recorded in the Clerk of the Courts Office.**

I (we) hereby certify that all of the above statements and the statements contained in any papers or plans submitted herewith are true and correct to the best of my (our) knowledge and belief.

Applicants Name (Print or Type) Jack Keith Hudson

Jack Keith Hudson  
Applicant Signature Date

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**OFFICIAL USE**

Current Land Use Classification \_\_\_\_\_ Current Zoning District \_\_\_\_\_  
\_\_\_\_\_ Approved \_\_\_\_\_ Denial = Reason \_\_\_\_\_

**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 R00394-020

1. Description of property: (legal description of the property and street address or 911 address)  
443 SW Tall Pine Court, Lake City, FL 32024

SEE EXHIBIT "A" ATTACHED HERETO AND INCORPORATED HEREIN.

2. General description of improvement: Construct Single Family Residence

3. Owner Name & Address Jack K. Hudson, 443 SW Tall Pine Ct., Lake City, FL 32024

JACK K. HUDSON

Interest in Property Owner of property OWNER

4. Name & Address of Fee Simple Owner (if other than owner):

5. Contractor Name MAX TAAS Phone Number 335-354-7530  
Address 23883 County Road 149, O'Brien, FL 32071

6. Surety Holders Name N/A Phone Number

Address

Amount of Bond

7. Lender Name Indymac Bank, FSB, c/o Custom Mortgage Svcs., Phone Number 678-992-0100  
Address 3465 East Foothill Blvd., Pasadena, CA 91107

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.

Jack K. Hudson  
Signature of Owner

Sworn to (or affirmed) and subscribed before 10<sup>th</sup>  
day of August, 2005

NOTARY STAMP/SEAL

Karyl L. Howell  
Signature of Notary



KARYL L. HOWELL  
Notary Public, State of Florida  
My Comm. Expires Sept. 2, 2005  
Comm. No. DD053852

Inst: 2005019235 Date: 08/10/2005 Time: 13:26  
DC, P. Dewitt Cason, Columbia County B: 1054 P: 1673



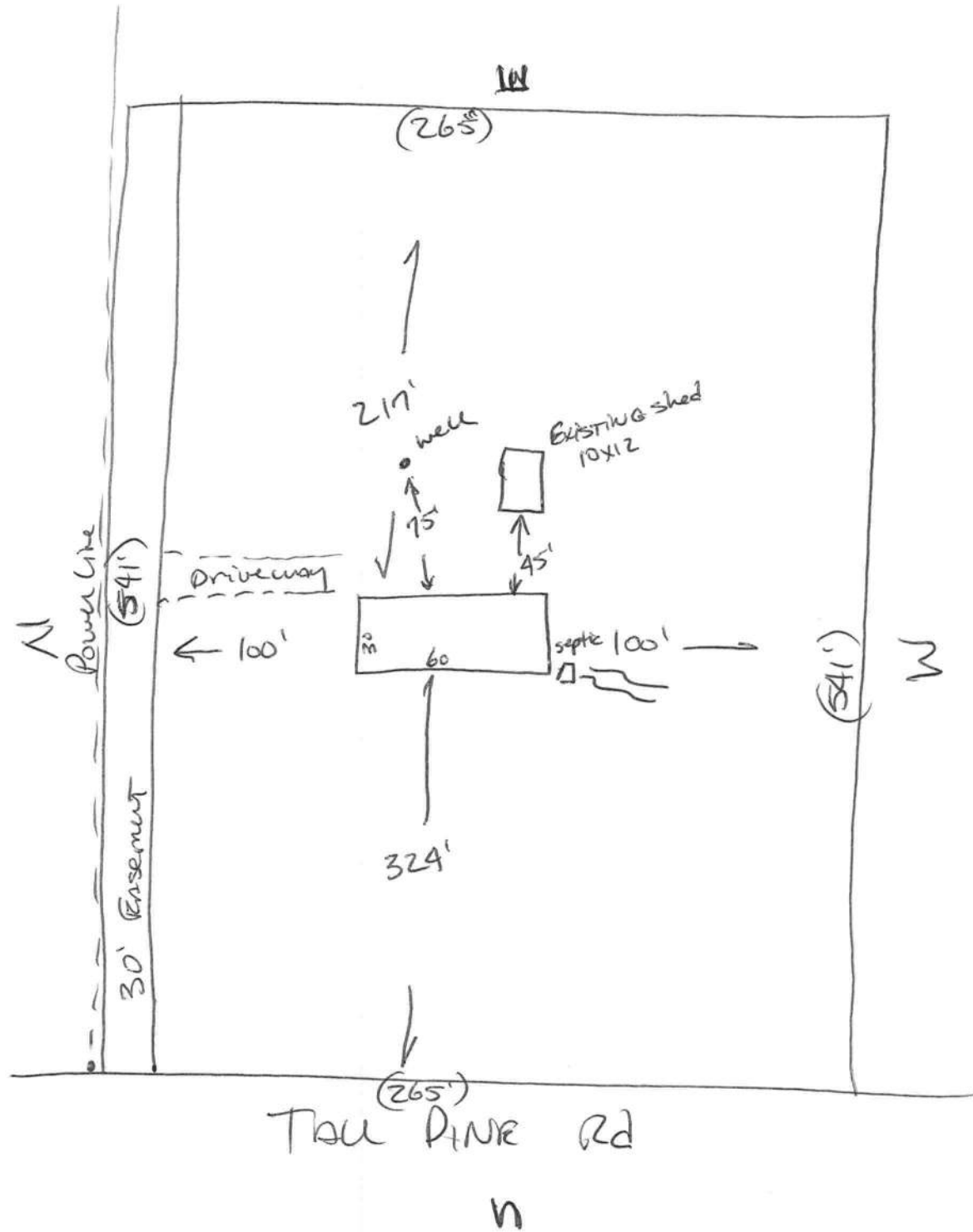
**EXHIBIT "A"**

COMMENCE AT THE SOUTHEAST CORNER OF THE NORTHEAST 1/4 OF SOUTHEAST 1/4 OF SECTION 24, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN NORTH 01 DEGREES 21 MINUTES 49 SECONDS WEST ALONG THE EAST LINE THEREOF, 529.91 FEET, THENCE SOUTH 88 DEGREES 22 MINUTES 04 SECONDS WEST 753.59 FEET TO THE POINT OF BEGINNING, THENCE CONTINUE SOUTH 88 DEGREES 22 MINUTES 04 SECONDS WEST, 540.17 FEET TO THE EAST RIGHT-OF-WAY LINE OF SOUTHWEST TALL PINE COURT, THENCE SOUTH 01 DEGREES 18 MINUTES 38 SECONDS EAST, ALONG SAID RIGHT-OF-WAY LINE, 265.17 FEET, THENCE NORTH 88 DEGREES 21 MINUTES 12 SECONDS EAST, 541 FEET, THENCE NORTH 01 DEGREES 38 MINUTES 48 SECONDS WEST, 265.03 FEET TO THE POINT OF BEGINNING CONTAINING 3.29 ACRES, MORE OR LESS, SUBJECT TO AN EASEMENT FOR INGRESS AND EGRESS OVER AND ACROSS THE NORTH 30.00 FEET THEREOF.

Inst:2005019235 Date:08/10/2005 Time:13:26

DC,P.Dewitt Cason,Columbia County B:1054 P:1674

B + B Homes — Max L. Boss  
Hudson Jors





FORM 600A-2001

# FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs  
Residential Whole Building Performance Method A

<b>Project Name:</b> B & B Homes - Hudson <b>Address:</b> <b>City, State:</b> <b>Owner:</b> Keith & Candice Hudson <b>Climate Zone:</b> North	<b>Builder:</b> B & B Homes <b>Permitting Office:</b> Columbia <b>Permit Number:</b> <b>Jurisdiction Number:</b> 221000
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<ol style="list-style-type: none"> <li>1. New construction or existing <span style="float: right;">New</span> <input type="checkbox"/></li> <li>2. Single family or multi-family <span style="float: right;">Single family</span> <input type="checkbox"/></li> <li>3. Number of units, if multi-family <span style="float: right;">1</span> <input type="checkbox"/></li> <li>4. Number of Bedrooms <span style="float: right;">4</span> <input type="checkbox"/></li> <li>5. Is this a worst case? <span style="float: right;">No</span> <input type="checkbox"/></li> <li>6. Conditioned floor area (ft<sup>2</sup>) <span style="float: right;">1800 ft<sup>2</sup></span> <input type="checkbox"/></li> <li>7. Glass area &amp; type <span style="float: right;">Single Pane Double Pane</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Clear glass, default U-factor <span style="float: right;">0.0 ft<sup>2</sup> 97.0 ft<sup>2</sup></span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. Default tint <span style="float: right;">0.0 ft<sup>2</sup> 0.0 ft<sup>2</sup></span> <input type="checkbox"/></li> <li style="padding-left: 20px;">c. Labeled U or SHGC <span style="float: right;">0.0 ft<sup>2</sup> 0.0 ft<sup>2</sup></span> <input type="checkbox"/></li> <li>8. Floor types <span style="float: right;">R=0.0, 180.0(p) ft</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Slab-On-Grade Edge Insulation <span style="float: right;">R=0.0, 180.0(p) ft</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">c. N/A <input type="checkbox"/></li> <li>9. Wall types <span style="float: right;">R=19.0, 1262.8 ft<sup>2</sup></span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Frame, Wood, Exterior <span style="float: right;">R=19.0, 1262.8 ft<sup>2</sup></span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">c. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">d. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">e. N/A <input type="checkbox"/></li> <li>10. Ceiling types <span style="float: right;">R=30.0, 1800.0 ft<sup>2</sup></span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Under Attic <span style="float: right;">R=30.0, 1800.0 ft<sup>2</sup></span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">c. N/A <input type="checkbox"/></li> <li>11. Ducts <span style="float: right;">Sup. R=6.0, 35.0 ft</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Sup. Upo. Ret. Con. AH: Interior <span style="float: right;">Sup. R=6.0, 35.0 ft</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> </ol>	<ol style="list-style-type: none"> <li>12. Cooling systems <span style="float: right;">Cap: 33.0 kBtu/hr SEER: 10.00</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Central Unit <span style="float: right;">Cap: 33.0 kBtu/hr SEER: 10.00</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">c. N/A <input type="checkbox"/></li> <li>13. Heating systems <span style="float: right;">Cap: 33.0 kBtu/hr HSPF: 7.30</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Electric Heat Pump <span style="float: right;">Cap: 33.0 kBtu/hr HSPF: 7.30</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">c. N/A <input type="checkbox"/></li> <li>14. Hot water systems <span style="float: right;">Cap: 40.0 gallons EF: 0.88</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">a. Electric Resistance <span style="float: right;">Cap: 40.0 gallons EF: 0.88</span> <input type="checkbox"/></li> <li style="padding-left: 20px;">b. N/A <input type="checkbox"/></li> <li style="padding-left: 20px;">c. Conservation credits (HR-Heat recovery, Solar DHP-Dedicated heat pump) <input type="checkbox"/></li> <li>15. HVAC credits (CF-Ceiling fan, CV-Cross ventilation, HF-Whole house fan, PT-Programmable Thermostat, MZ-C-Multizone cooling, MZ-H-Multizone heating) <input type="checkbox"/></li> </ol>
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Glass/Floor Area: 0.05

Total as-built points: 24496

Total base points: 30421

**PASS**

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

PREPARED BY: Y. HopkinsDATE: 8/27/05

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

OWNER/AGENT: M. J. BenDATE: 8/19/05

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: \_\_\_\_\_



# Summary Energy Code Results

## Residential Whole Building Performance Method A

Keith &amp; Candice Hudson

Project Title:  
B & B Homes - HudsonCode Only  
Professional Version  
Climate: North

8/22/05

Building Loads			
Base		As-Built	
Summer:	24210 points	Summer:	18192 points
Winter:	14519 points	Winter:	12087 points
Hot Water:	9666 points	Hot Water:	9666 points
Total:	48395 points	Total:	39945 points

Energy Use			
Base		As-Built	
Cooling:	10328 points	Cooling:	7006 points
Heating:	9109 points	Heating:	6506 points
Hot Water:	10984 points	Hot Water:	10984 points
Total:	30421 points	Total:	24496 points

**PASS**  
e-Ratio: 0.81



FORM 600A-2001

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES												
.18 X Conditioned X BSPM = Points Floor Area				Type/SC	Overhang Ornt Len Hgt		Area X SPM X SOF = Points					
.18	1800.0	28.04	6483.0	Double, Clear	E	2.0	6.0	30.0	42.08	0.85	1070.1	
				Double, Clear	N	2.0	5.3	17.3	19.20	0.88	293.3	
				Double, Clear	N	2.0	3.3	4.7	19.20	0.80	71.4	
				Double, Clear	E	6.0	6.0	15.0	42.08	0.52	326.7	
				Double, Clear	W	2.0	6.0	15.0	38.62	0.85	490.8	
				Double, Clear	N	8.0	6.0	15.0	19.20	0.67	192.5	
				As-Built Total:							97.0	2445.0
WALL TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points					
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	19.0		1262.8	0.90			1136.5	
Exterior	1262.8	1.70	2146.7									
Base Total:						1262.8				1136.5		
DOOR TYPES Area X BSPM = Points				Type			Area X SPM = Points					
Adjacent	0.0	0.00	0.0	Exterior Insulated			20.4	4.10			83.6	
Exterior	121.0	6.10	738.3	Exterior Insulated			81.6	4.10			334.6	
				Exterior Wood			19.0	6.10			116.1	
Base Total:						121.0				534.3		
CEILING TYPES Area X BSPM = Points				Type	R-Value		Area X SPM X SCM = Points					
Under Attic	1800.0	1.73	3114.0	Under Attic	30.0		1800.0	1.73 X 1.00			3114.0	
Base Total:						1800.0				3114.0		
FLOOR TYPES Area X BSPM = Points				Type	R-Value		Area X SPM = Points					
Slab	180.0(p)	-37.0	-6660.0	Slab-On-Grade Edge Insulation	0.0		180.0(p)	-41.20			-7416.0	
Raised	0.0	0.00	0.0									
Base Total:						180.0				-7416.0		
INFILTRATION Area X BSPM = Points				Area X SPM = Points								
1800.0 10.21 18378.0				1800.0 10.21 18378.0								

FORM 600A-2001

# SUMMER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Summer Base Points: 24210.0				Summer As-Built Points: 18191.9						
Total Summer Points	X	System Multiplier	= Cooling Points	Total Component	X	Cap Ratio	X Duct Multiplier (DM x DSM x AHU)	X System Multiplier	X Credit Multiplier	= Cooling Points
24210.0		0.4266	10328.0	18191.9	1.000	(1.081 x 1.147 x 0.91)	0.341	1.000	1.000	7005.6
				18191.9	1.00	1.128	0.341	1.000		7005.6



FORM 600A-2001

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT								
GLASS TYPES				Overhang								
.18 X Conditioned X BWPM = Points Floor Area				Type/SC	Omt	Len	Hgt	Area X WPM X WOF = Points				
.18	1800.0	12.74	4127.8	Double, Clear	E	2.0	6.0	30.0	18.79	1.06	597.9	
				Double, Clear	N	2.0	5.3	17.3	24.58	1.01	428.5	
				Double, Clear	N	2.0	3.3	4.7	24.58	1.01	116.0	
				Double, Clear	E	6.0	6.0	15.0	18.79	1.29	362.4	
				Double, Clear	W	2.0	6.0	15.0	20.73	1.04	324.2	
				Double, Clear	N	8.0	6.0	15.0	24.58	1.02	376.6	
				As-Built Total:							97.0	2205.7
WALL TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points					
Adjacent	0.0	0.00	0.0	Frame, Wood, Exterior	19.0		1262.8	2.20	2778.1			
Exterior	1262.8	3.70	4672.2									
Base Total:				1262.8		4672.2				As-Built Total:		1262.8 2778.1
DOOR TYPES Area X BWPM = Points				Type	Area X WPM = Points							
Adjacent	0.0	0.00	0.0	Exterior Insulated	20.4 8.40 171.4							
Exterior	121.0	12.30	1488.8	Exterior Insulated	81.8 8.40 685.4							
				Exterior Wood	19.0 12.30 234.2							
Base Total:				121.0		1488.8				As-Built Total:		121.0 1091.0
CEILING TYPES Area X BWPM = Points				Type	R-Value		Area X WPM X WCM = Points					
Under Attic	1800.0	2.05	3690.0	Under Attic	30.0		1800.0	2.05 X 1.00	3690.0			
Base Total:				1800.0		3690.0				As-Built Total:		1800.0 3690.0
FLOOR TYPES Area X BWPM = Points				Type	R-Value		Area X WPM = Points					
Slab	180.0(p)	8.9	1602.0	Slab-On-Grade Edge Insulation	0.0		180.0(p)	18.80	3384.0			
Raised	0.0	0.00	0.0									
Base Total:				180.0		1602.0				As-Built Total:		180.0 3384.0
INFILTRATION Area X BWPM = Points				Area X WPM = Points								
1800.0 -0.59 -1062.0				1800.0 -0.59 -1062.0								

FORM 600A-2001

# WINTER CALCULATIONS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT						
Winter Base Points:		14518.8		Winter As-Built Points:		12086.8				
Total Winter Points	X System Multiplier	=	Heating Points	Total Component	X Cap Ratio	X Duct Multiplier	X System Multiplier	X Credit Multiplier	=	Heating Points
					(DM x DSM x AHU)					
14518.8	0.6274		9109.1	12086.8	1.000	(1.060 x 1.189 x 0.93)	0.487	1.000		6506.5
				12086.8	1.00	1.152	0.467	1.000		6506.5



FORM 600A-2001

# WATER HEATING & CODE COMPLIANCE STATUS

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

BASE				AS-BUILT					
WATER HEATING				Tank	EF	Number of	X	Tank X	Multiplier X
Number of	X	Multiplier	= Total	Volume		Bedrooms		Ratio	Credit = Total
Bedrooms									Multiplier
4		2746.00	10984.0	40.0	0.88	4		1.00	2746.00
									1.00
									10984.0
				As-Built Total:					10984.0

CODE COMPLIANCE STATUS							
BASE				AS-BUILT			
Cooling	+	Heating	+	Cooling	+	Heating	+
Points		Points		Points		Points	
10328		9109		7006		6506	
		10984				10984	
		30421				24496	

PASS



FORM 600A-2001

# Code Compliance Checklist

## Residential Whole Building Performance Method A - Details

ADDRESS: , , ,

PERMIT #:

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

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

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

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	612.1	Comply with efficiency requirements in Table 6-12. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	612.1	Spas & heated pools must have covers (except solar heated). Non-commercial pools must have a pump timer. Gas spa & pool heaters must have a minimum thermal efficiency of 76%.	
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-Framed R-11 or CBS R-3 both sides. Common ceiling & floors R-11.	

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

**ESTIMATED ENERGY PERFORMANCE SCORE\* = 86.3**

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

Keith & Candice Hudson, . . .

1. New construction or existing	New	12. Cooling systems	
2. Single family or multi-family	Single family	a. Central Unit	Cap: 33.0 kBtu/hr
3. Number of units, if multi-family	1		SEER: 10.00
4. Number of Bedrooms	4	b. N/A	
5. Is this a worst case?	No	c. N/A	
6. Conditioned floor area (ft <sup>2</sup> )	1800 ft <sup>2</sup>		
7. Glass area & type	Single Pane Double Pane	13. Heating systems	
a. Clear - single pane	0.0 ft <sup>2</sup> 97.0 ft <sup>2</sup>	a. Electric Heat Pump	Cap: 33.0 kBtu/hr
b. Clear - double pane	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>		HSPF: 7.30
c. Tint/other SHGC - single pane	0.0 ft <sup>2</sup> 0.0 ft <sup>2</sup>	b. N/A	
d. Tint/other SHGC - double pane		c. N/A	
8. Floor types		14. Hot water systems	
a. Slab-On-Grade Edge Insulation	R=0.0, 180.0(p) ft	a. Electric Resistance	Cap: 40.0 gallons
b. N/A			EF: 0.88
c. N/A		b. N/A	
9. Wall types		c. Conservation credits	
a. Frame, Wood, Exterior	R=19.0, 1262.8 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, 1800.0 ft <sup>2</sup>	MZ-C-Multizone cooling,	
b. N/A		MZ-H-Multizone heating)	
c. N/A			
11. Ducts			
a. Sup: Unc. Ret: Con. AH: Interior	Sup. R=6.0, 35.0 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: Max L. Ben

Date: 8/19/05

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>®</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.

EnergyGauge<sup>®</sup> (Version: FLRCPB v3.30)



# BUILDING INPUT SUMMARY REPORT

<b>PROJECT</b>	Title: B & B Homes - Hudson		Family Type: Single		Address Type: Street Address	
	Owner: Keith & Candice Hudson		New/Existing: New		Lot #: N/A	
<b>FLOORS</b>	# of Units: 1		Bedrooms: 4		Subdivision: N/A	
	Builder Name: B & B Homes		Conditioned Area: 1800		Flatbook: N/A	
<b>CEILINGS</b>	Climate: North		Total Stories: 1		Street: (blank)	
	Permit Office: (blank)		Worst Case: No		County: (blank)	
<b>WALLS</b>	Jurisdiction #: (blank)		Rotate Angle: (blank)		City, St, Zip: ..	
<b>DOORS</b>	# Floor Type		R-Val	Area/Perimeter	Units	
	1 Slab-On-Grade Edge Insulation		0.0	180.0(p) ft	1	
<b>COOLING</b>	# Door Type		Orientation	Area	Units	
	1 Insulated		Exterior	20.4 ft²	1	
<b>HEATING</b>	2 Insulated		Exterior	40.8 ft²	2	
	3 Wood		Exterior	19.0 ft²	1	
<b>DUCTS</b>	# System Type		Efficiency	Capacity		
	1 Central Unit		SEER: 10.00	33.0 kBtu/hr		
<b>WATER</b>	# System Type		Efficiency	Capacity		
	1 Electric Heat Pump		HSPF: 7.30	33.0 kBtu/hr		
<b>REFR.</b>	# Supply Location		Return Location	Air Handler Location	Supply R-Val	Supply Length
	1 Uncond. Cond.		Interior	6.0	35.0 ft	
<b>MISC</b>	# System Type		EF	Cap.	Conservation Type	Con. EF
	1 Electric Resistance		0.88	40.0	None	0.00
<b>POOL</b>	# Use Default?		Annual Operating Cost	Electric Rate		
	1 Yes		N/A	N/A		
Rater Name: CodeOnlyPro    Class #: 3    Pool Size: 0 Rater Certification #: CodeOnlyPro    Duct Leakage Type: N/A    Pump Size: 0.00 hp Area Under Fluorescent: 0.0    Visible Duct Disconnects: N/A    Dryer Type: Electric Area Under Incandescent: 1800.0    Leak Free Duct System Proposed: No    Stove Type: Electric NOTE: Not all Rating Info shown    HRV/ERV System Present?: No    Avg Cell Hgt: 10						

# Residential System Sizing Calculation

## Summary

Keith &amp; Candice Hudson

Project Title:  
B & B Homes - HudsonCode Only  
Professional Version  
Climate: North

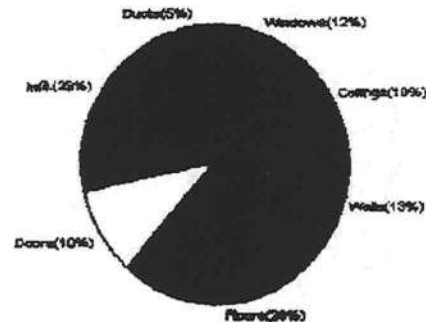
8/22/05

Location for weather data: Tallahassee - Defaults: Latitude(30) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (76F) Humidity difference(46gr.)			
Winter design temperature	30 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	40 F	Summer temperature difference	17 F
<b>Total heating load calculation</b>	<b>22653 Btuh</b>	<b>Total cooling load calculation</b>	<b>20021 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	145.7 33000	Sensible (SHR = 0.5)	110.8 16500
Heat Pump + Auxiliary(10.0kW)	296.3 67130	Latent	321.6 16500
		<b>Total (Electric Heat Pump)</b>	<b>164.8 33000</b>

## WINTER CALCULATIONS

Winter Heating Load (for 1800 sqft)

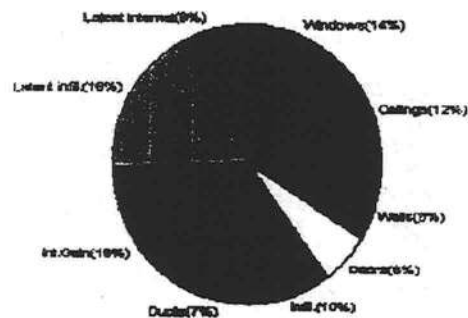
Load component		Load
Window total	97 sqft	2813 Btuh
Wall total	1263 sqft	3031 Btuh
Door total	121 sqft	2268 Btuh
Ceiling total	1800 sqft	2340 Btuh
Floor total	180 ft	5832 Btuh
Infiltration	120 cfm	5291 Btuh
<b>Subtotal</b>		<b>21574 Btuh</b>
Duct loss		1079 Btuh
<b>TOTAL HEAT LOSS</b>		<b>22653 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 1800 sqft)

Load component		Load
Window total	97 sqft	2778 Btuh
Wall total	1263 sqft	1541 Btuh
Door total	121 sqft	1167 Btuh
Ceiling total	1800 sqft	2484 Btuh
Floor total		0 Btuh
Infiltration	105 cfm	1967 Btuh
Internal gain		3600 Btuh
<b>Subtotal(sensible)</b>		<b>13537 Btuh</b>
Duct gain		1354 Btuh
<b>Total sensible gain</b>		<b>14890 Btuh</b>
Latent gain(infiltration)		3291 Btuh
Latent gain(internal)		1840 Btuh
<b>Total latent gain</b>		<b>5131 Btuh</b>
<b>TOTAL HEAT GAIN</b>		<b>20021 Btuh</b>



EnergyGauge® System Sizing based on ACCA Manual J.

PREPARED BY: *7/10/05*DATE: *8/22/05*

# System Sizing Calculations - Winter

## Residential Load - Component Details

Keith &amp; Candice Hudson

Project Title:  
B & B Homes - HudsonCode Only  
Professional Version  
Climate: North

Reference City: Tallahassee (Defaults) Winter Temperature Difference: 40.0 F

8/22/05

Window	Panes/SHGC/Frame/U	Orientation	Area X	HTM=	Load
1	2, Clear, Metal, DEF	E	30.0	29.0	870 Btuh
2	2, Clear, Metal, DEF	N	17.3	29.0	503 Btuh
3	2, Clear, Metal, DEF	N	4.7	29.0	135 Btuh
4	2, Clear, Metal, DEF	E	15.0	29.0	435 Btuh
5	2, Clear, Metal, DEF	W	15.0	29.0	435 Btuh
6	2, Clear, Metal, DEF	N	15.0	29.0	435 Btuh
Window Total			97		2813 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Frame - Exterior	19.0	1263	2.4	3031 Btuh
Wall Total			1263		3031 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Exter		20	18.8	384 Btuh
2	Insulated - Exter		82	18.8	1534 Btuh
3	Wood - Exter		19	18.4	350 Btuh
Door Total			121		2268 Btuh
Ceilings	Type	R-Value	Area X	HTM=	Load
1	Under Attic	30.0	1800	1.3	2340 Btuh
Ceiling Total			1800		2340 Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab-On-Grade Edge Insul	0	180.0 ft(p)	32.4	5832 Btuh
Floor Total			180		5832 Btuh
Infiltration	Type	ACH X	Building Volume	CFM=	Load
	Natural	0.40	18000(sqft)	120	5291 Btuh
	Mechanical			0	0 Btuh
Infiltration Total				120	5291 Btuh

Totals for Heating	Subtotal	21674 Btuh
	Duct Loss(using duct multiplier of 0.05)	1079 Btuh
	Total Btuh Loss	22653 Btuh

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

(Frame types - metal, wood or insulated metal)

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

(HTM - Manual J Heat Transfer Multiplier)

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



# System Sizing Calculations - Summer

## Residential Load - Component Details

Keith &amp; Candice Hudson

Project Title:  
B & B Homes - HudsonCode Only  
Professional Version  
Climate: North

Reference City: Tallahassee (Defaults)

Summer Temperature Difference: 17.0 F

8/22/05

Window	Type	Overhang	Window Area(sqft)			HTM		Load		
	Pane/SHGC/U/InSh/ExSh Omit		Len	Hgt	Gross	Shaded	Unshaded		Shaded	Unshaded
1	2, Clear, DEF, B, N	E	2	6	30.0	2.0	28.0	15	45	1291 Btuh
2	2, Clear, DEF, B, N	N	2	5.33	17.3	0.0	17.3	15	15	260 Btuh
3	2, Clear, DEF, B, N	N	2	3.33	4.7	0.0	4.7	15	15	70 Btuh
4	2, Clear, DEF, B, N	E	6	6	15.0	11.9	3.1	15	45	317 Btuh
5	2, Clear, DEF, B, N	W	2	6	15.0	2.0	13.0	15	45	616 Btuh
6	2, Clear, DEF, B, N	N	8	6	15.0	0.0	15.0	15	15	225 Btuh
Window Total			97							2778 Btuh
Walls	Type	R-Value			Area		HTM		Load	
	1 Frame - Exterior	19.0			1262.8		1.2		1541 Btuh	
Wall Total			1262.8							1541 Btuh
Doors	Type	R-Value			Area		HTM		Load	
	1 Insulated - Exter				20.4		9.7		197 Btuh	
2	Insulated - Exter				81.6		9.7		788 Btuh	
3	Wood - Exter				19.0		9.5		161 Btuh	
Door Total			121.0							1167 Btuh
Ceilings	Type/Color	R-Value			Area		HTM		Load	
	1 Under Attic/Dark	30.0			1800.0		1.4		2484 Btuh	
Ceiling Total			1800.0							2484 Btuh
Floors	Type	R-Value			Size		HTM		Load	
	1 Slab-On-Grade Edge Insulation	0.0			180.0 ft(p)		0.0		0 Btuh	
Floor Total			180.0							0 Btuh
Infiltration	Type	ACH			Volume		CFM=		Load	
	Natural	0.35			18000		105.2		1967 Btuh	
	Mechanical						0		0 Btuh	
Infiltration Total						105				1967 Btuh

Internal gain	Occupants	Btuh/occupant	Appliance	Load
	8	X 300 +	1200	3600 Btuh

Totals for Cooling	Subtotal					13537 Btuh
	Duct gain(using duct multiplier of 0.10)					1354 Btuh
	Total sensible gain					14890 Btuh
	Latent infiltration gain (for 46 gr. humidity difference)					3291 Btuh
	Latent occupant gain (8 people @ 230 Btuh per person)					1840 Btuh
	Latent other gain					0 Btuh
	TOTAL GAIN					20021 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)  
 (U - Window U-Factor or DEF for default)  
 (InSh - Interior shading device: none(N), Blinds, Drapes, Shades, etc.)  
 (ExSh - Exterior shading device: none(N) or numerical value)

# COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING INSPECTION

## 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 24-4S-15-00384-035

Building permit No. 000023624

Use Classification SFD & UTILITY

Fire: 47.36

Permit Holder MAX BASS

Waste: 98.00

Owner of Building KEITH & CANDICE HUDSON

Total: 145.36

Location: 443 SW TALL PINE COURT, LAKE CITY, FL

Date: 02/02/2006

*Randy Jones*

014 Building Inspector



POST IN A CONSPICUOUS PLACE  
(Business Places Only)