

DATE 07/17/2009

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000027952

APPLICANT RICHARD J. KEEN PHONE 386.755.2826
ADDRESS 650 SW MAIN STREET LAKE CITY FL 32025
OWNER RICHARD J. KEEN PHONE 386.755.2826
ADDRESS 140 SW VERMONT WAY LAKE CITY FL 32025
CONTRACTOR JAMES H. JOHNSTON PHONE 386.365.5999
LOCATION OF PROPERTY 47-S TO ENTRANCE OF EDGEWOOD EST.,TR TO VERMONT WAY,TR &
IT'S THE 2ND LOT ON L.
TYPE DEVELOPMENT SFD/UTILITY ESTIMATED COST OF CONSTRUCTION 119900.00
HEATED FLOOR AREA 1657.00 TOTAL AREA 2398.00 HEIGHT 16.11 STORIES 1
FOUNDATION CONC WALLS FRAMED ROOF PITCH 6'12 FLOOR CONC
LAND USE & ZONING RSF-2 MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 25.00 REAR 15.00 SIDE 10.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO. _____

PARCEL ID 07-4S-17-08107-030 SUBDIVISION EDGEWOOD ESTATES
LOT 30 BLOCK _____ PHASE _____ UNIT _____ TOTAL ACRES 0.50

000001740 _____ CRC1328128 _____
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
18"X32'MITERED 09-0379 BLK WR N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident

COMMENTS: 1 FOOT ABOVE ROAD.

Check # or Cash 2936

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 _____ Insulation _____
date/app. by date/app. by
Rough-in plumbing above slab and below wood floor _____ Electrical rough-in _____
date/app. by date/app. by
Heat & Air Duct _____ Peri. beam (Lintel) _____ Pool _____
date/app. by date/app. by date/app. by
Permanent power _____ C.O. Final _____ Culvert _____
date/app. by date/app. by date/app. by
Pump pole _____ Utility Pole _____ M/H tie downs, blocking, electricity and plumbing _____
date/app. by date/app. by date/app. by
Reconnection _____ RV _____ Re-roof _____
date/app. by date/app. by date/app. by

BUILDING PERMIT FEE \$ 600.00 CERTIFICATION FEE \$ 11.99 SURCHARGE FEE \$ 11.99
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 \$ 25.00 TOTAL FEE 723.98
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."

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 NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

Columbia County Building Permit Application

For Office Use Only Application # 0907-13 Date Received 7/9 By JW Permit # 1740/ 27952
 Zoning Official BLK Date 07.09 Flood Zone X Land Use RES. Low-Dens Zoning RSF-2
 FEMA Map # N/A Elevation N/A MFE 1st above 32 River N/A Plans Examiner WJ Date 7/13/09
 Comments _____
☐ NOC ☒ EH ☒ Deed or PA ☐ Site Plan ☐ State Road Info ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☒ Letter of Auth. from Contractor ☐ F W Comp. letter
 IMPACT FEES: EMS _____ Fire _____ Corr on file Road/Code _____
 School _____ = TOTAL Suspended

Septic Permit No. 09-0379 Richard J. Keen Fax 752-6630
 Name Authorized Person Signing Permit James Johnston Phone 365-5999
 Address 650 SW Main St. LAKE CITY FL 32025 386755.2826
 Owners Name Richard Keen Phone 623-4629
 911 Address 140 SW Vermont Way LAKE CITY FL 32025
 Contractors Name James Johnston Phone 365-5999
 Address 650 SW Main Blvd. LAKE CITY FL 32025
 Fee Simple Owner Name & Address Richard Keen 1256 SW CR 240 LAKE CITY FL 32025
 Bonding Co. Name & Address _____

Architect/Engineer Name & Address Mark Disosway
 Mortgage Lenders Name & Address P.O. Box 868 LAKE CITY FL 32056

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

Property ID Number 0745-17-08107-030 Estimated Cost of Construction 150,000⁰⁰

Subdivision Name Edgewood Estates Lot 30 Block _____ Unit _____ Phase _____

Driving Directions 476 to the entrance of Edgewood Est.

Turn right go to SW Vermont Way turn right
2nd lot on Left.

Number of Existing Dwellings on Property 0

Construction of SFD Total Acreage 1/2 Lot Size _____

Do you need a - Culvert Permit or Culvert Waiver or Have an Existing Drive Total Building Height 16' 11"

Actual Distance of Structure from Property Lines - Front 30 Side 29 Side 32 Rear 86

Number of Stories 1 Heated Floor Area 1657 Total Floor Area 2398 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. OK

Columbia County Building Permit Application

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

TIME LIMITATIONS OF PERMITS: 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 work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

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.

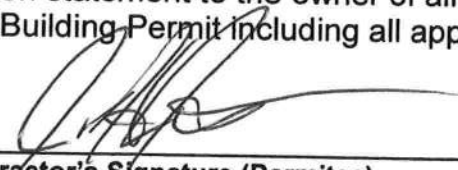
WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOU PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. A NOTICE OF COMMENCEMENT MUST BE RECORDED AND POSTED ON THE JOB SITE BEFORE THE FIRST INSPECTION. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR ATTORNEY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

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

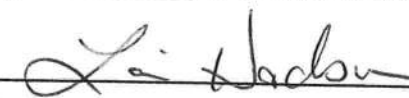
CONTRACTORS AFFIDAVIT: By my signature I understand and agree that I have informed and provided this written statement to the owner of all the above written responsibilities in Columbia County for obtaining this Building Permit including all application and permit time limitations.



Contractor's Signature (Permitee)

Contractor's License Number CRC1328128
Columbia County
Competency Card Number NA

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 9th day of July 2009.
Personally known ☒ or Produced Identification _____



State of Florida Notary Signature (For the Contractor)

SEAL:

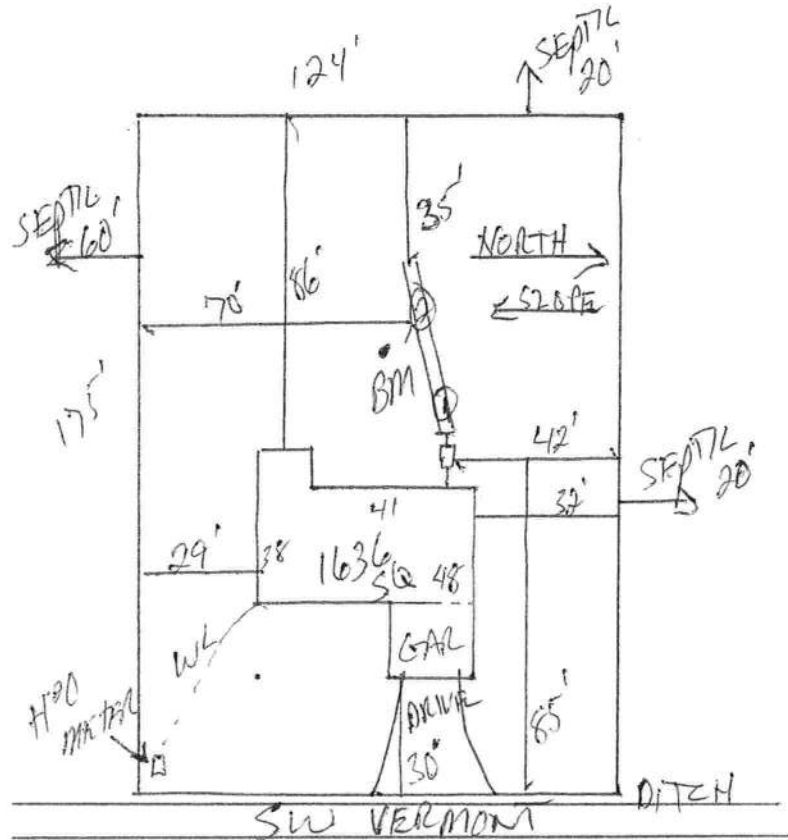


STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 09-0379

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

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rock D F

MASTER CONTRACTOR

Plan Approved X Not Approved _____

Date 7-16-09

By Sally Ford EH Director - Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT



COLUMBIA COUNTY 911 ADDRESSING / GIS DEPARTMENT

P. O. Box 1787, Lake City, FL 32056-1787
Telephone: (386) 758-1125 * Fax: (386) 758-1365 * Email: ron_croft@columbiacountyfla.com



ADDRESS ASSIGNMENT DATA

The Columbia County Board of County Commissioners has passed Ordinance 2001-9, which provides for a uniform numbering system. A copy of this ordinance is available in the Clerk of Court records, located in the courthouse. This new numbering system will increase the efficiency of POLICE, FIRE AND EMERGENCY MEDICAL vehicles responding to calls within Columbia County by immediately identifying the location of the caller.

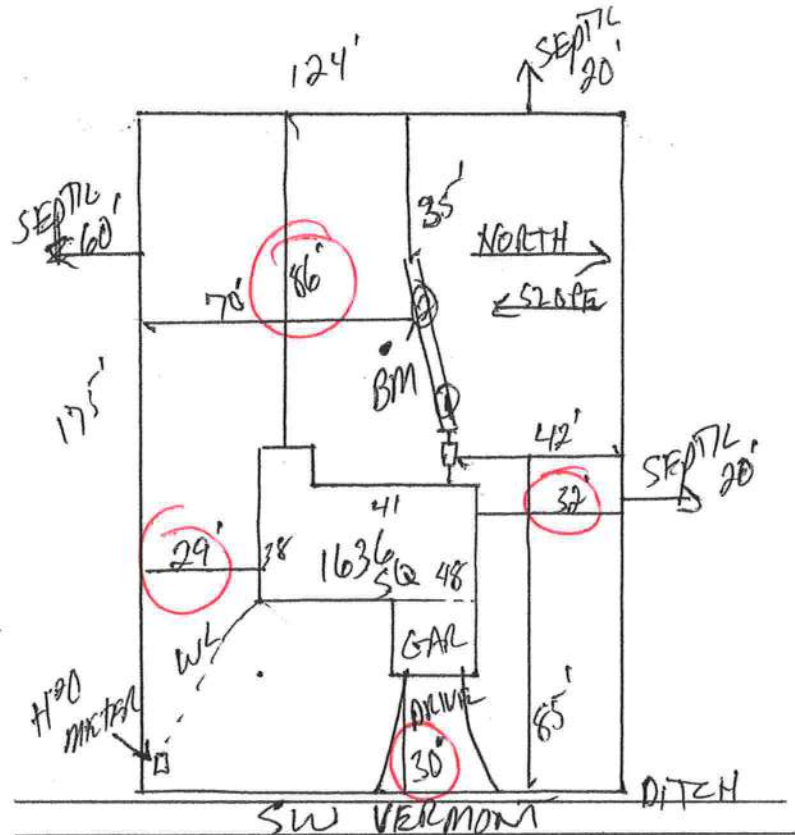
A Residential or Other Structure(s) on Parcel Number:
07-4S-17-08107-030 (LOT 30 EDGEWOOD ESTATES S/D)

Address Assignment(s):
140 SW VERMONT WAY, LAKE CITY, FL, 32025

Any questions concerning this information should be referred to the Columbia County 911 Addressing / GIS Department at the address or telephone number above.

Permit Application Number _____

Scale: 1 inch = 50 feet.



Notes: _____

Site Plan submitted by: Rachel D. F. S. **MASTER CONTRACTOR**

Plan Approved _____ Not Approved _____ Date _____

By _____ County Health Department

Page 2 of 4

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Community Affairs Residential Performance Method A

Project Name: 906263RichardKeenEdgewoodEstLot30
 Street:
 City, State, Zip: Lake City, FL,
 Owner: Spec House
 Design Location: FL, Gainesville

Builder Name: Richard Keen

Permit Office:

Permit Number:

Jurisdiction:

27952
221000

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	4	
5. Is this a worst case?	Yes	
6. Conditioned floor area (ft ²)	1657	
7. Windows	Description	Area
a. U-Factor:	Dbl, default	149.00 ft ²
SHGC:	Clear, default	
b. U-Factor:	N/A	ft ²
SHGC:		
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
e. U-Factor:	N/A	ft ²
SHGC:		
8. Floor Types	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	1657.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²

9. Wall Types	Insulation	Area
a. Face Brick - Wood, Exterior	R=13.0	788.67 ft ²
b. Frame - Wood, Exterior	R=13.0	548.67 ft ²
c. Frame - Wood, Adjacent	R=13.0	176.00 ft ²
d. N/A	R=	ft ²
10. Ceiling Types	Insulation	Area
a. Under Attic (Vented)	R=30.0	1657.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		
a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 180 ft ²		
12. Cooling systems		
a. Central Unit	Cap: 32.0 kBtu/hr	SEER: 13
13. Heating systems		
a. Electric Heat Pump	Cap: 32.0 kBtu/hr	HSPF: 7.7
14. Hot water systems		
a. Electric	Cap: 40 gallons	EF: 0.93
b. Conservation features		
None		
15. Credits		None

Glass/Floor Area: 0.090

Total As-Built Modified Loads: 31.06

Total Baseline Loads: 37.84

PASS

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

PREPARED BY:

DATE: 7/1/09 EVAN BERMUDEZ

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

OWNER/AGENT:

DATE: 7/9/09

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:

PROJECT

Title: 906263RichardKeenEdgewoo	Bedrooms: 4	Adress Type: Lot Information
Building Type: FLAsBuilt	Bathrooms: 0	Lot #: 30
Owner: Spec House	Conditioned Area: 1657	SubDivision: Edgewood Est.
# of Units: 1	Total Stories: 1	PlatBook:
Builder Name: Richard Keen	Worst Case: Yes	Street:
Permit Office:	Rotate Angle: 135	County: Columbia
Jurisdiction:	Cross Ventilation: No	City, State, Zip: Lake City ,
Family Type: Single-family	Whole House Fan: No	FL ,
New/Existing: New (From Plans)		
Comment:		

CLIMATE

✓	Design Location	TMY Site	IECC Zone	Design Temp 97.5 %	Design Temp 2.5 %	Int Design Temp Winter	Int Design Temp Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	2	32	92	75	70	1305.5	51	Medium

FLOORS

✓	#	Floor Type	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	189 ft	0	1657 ft²	0.3	0	0.7

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	Tested	Deck Insul.	Pitch
_____	1	Hip	Composition shingles	1853 ft²	0 ft²	Dark	0.96	No	0	26.6 deg

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	303	1657 ft²	N	N

CEILING

✓	#	Ceiling Type	R-Value	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	30	1657 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Cavity R-Value	Area	Sheathing R-Value	Framing Fraction	Solar Absor.
_____	1	N	Exterior	Frame - Wood	13	448 ft²	0	0.23	0.75
_____	2	S	Exterior	Face Brick - Wood	13	272 ft²	0	0.23	0.75
_____	3	E	Exterior	Face Brick - Wood	13	308.67 ft²	0	0.23	0.75
_____	4	W	Exterior	Face Brick - Wood	13	208 ft²	0	0.23	0.75
_____	5	W	Exterior	Frame - Wood	13	100.67 ft²	0	0.23	0.75
_____	6	??	Garage	Frame - Wood	13	176 ft²		0.23	0.01

DOORS

✓	#	Ornt	Door Type	Storms	U-Value	Area
✓	1	N	Insulated	None	0.4	20 ft²
✓	2	S	Insulated	None	0.4	20 ft²
✓	3	??	Insulated	None	0.4	20 ft²

WINDOWS

Window orientation below is as entered. Actual orientation is modified by rotate angle shown in "Project" section above.

✓	#	Ornt	Frame	Panes	NFRC	U-Factor	SHGC	Storms	Area	Overhang		Int Shade	Screening
										Depth	Separation		
✓	1	N	Metal	Double (Clear)	No	0.87	0.66	N	45 ft²	0 ft 18 in	0 ft 8 in	HERS 2006	None
✓	2	N	Metal	Double (Clear)	No	0.87	0.66	N	9 ft²	0 ft 18 in	0 ft 8 in	HERS 2006	None
✓	3	N	Metal	Double (Clear)	No	0.87	0.66	N	20 ft²	0 ft 169 in	0 ft 20 in	HERS 2006	None
✓	4	E	Metal	Double (Clear)	No	0.87	0.66	N	15 ft²	0 ft 18 in	0 ft 8 in	HERS 2006	None
✓	5	S	Metal	Double (Clear)	No	0.87	0.66	N	20 ft²	0 ft 18 in	0 ft 8 in	HERS 2006	None
✓	6	S	Metal	Double (Clear)	No	0.87	0.66	N	40 ft²	0 ft 90 in	0 ft 20 in	HERS 2006	None

INFILTRATION & VENTING

✓	Method	SLA	CFM 50	ACH 50	ELA	EqLA	---- Forced Ventilation ----		Run Time	Fan
							Supply CFM	Exhaust CFM	Fraction	Watts
✓	Default	0.00036	1565	7.08	85.9	161.5	0 cfm	0 cfm	0	0

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	484 ft²	484 ft²	66 ft	8 ft	(invalid)

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Ductless
✓	1	Central Unit	None	SEER: 13	32 kBtu/hr	960 cfm	0.75	

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Ductless
✓	1	Electric Heat Pump	None	HSPF: 7.7	32 kBtu/hr	

HOT WATER SYSTEM

✓	#	System Type	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	0.93	40 gal	70 gal	120 deg	None

SOLAR HOT WATER SYSTEM

✓	FSEC	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
	Cert #						
✓	None	None			ft²		

DUCTS

✓	#	---- Supply ---- Location	R-Value	Area	---- Return ---- Location	Area	Leakage Type	Air Handler	CFM 25	Percent Leakage	QN	RLF
_____	1	Attic	6	180 ft²	Interior	0 ft²	Default Leakage	Interior				

TEMPERATURES

Programable Thermostat: N

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec
Venting	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input checked="" type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	68	68	68	68	68	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

Code Compliance Checklist

Residential Whole Building Performance Method A - Details

ADDRESS:

Lake City, FL,

PERMIT #:

INFILTRATION REDUCTION COMPLIANCE CHECKLIST

COMPONENTS	SECTION	REQUIREMENTS FOR EACH PRACTICE	CHECK
Exterior Windows & Doors	N1106.AB.1.1	Maximum: .3 cfm/sq.ft. window area; .5 cfm/sq.ft. door area.	
Exterior & Adjacent Walls	N1106.AB.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	N1106.AB.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	N1106.AB.1.2.3	Between walls & ceilings; penetrations of ceiling plane to 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	N1106.AB.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 with < 2.0 cfm from conditioned space, tested.	
Multi-story Houses	N1106.AB.1.2.5	Air barrier on perimeter of floor cavity between floors.	
Additional Infiltration reqts	N1106.AB.1.3	Exhaust fans vented to outdoors, dampers; combustion space heaters comply with NFPA, have combustion air.	

OTHER PRESCRIPTIVE MEASURES (must be met or exceeded by all residences.)

COMPONENTS	SECTION	REQUIREMENTS	CHECK
Water Heaters	N1112.AB.3	Comply with efficiency requirements in Table N112.ABC.3. Switch or clearly marked circuit breaker (electric) or cutoff (gas) must be provided. External or built-in heat trap required.	
Swimming Pools & Spas	N1112.AB.2.3	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%. Heat pump pool heaters shall have a minimum COP of 4.0.	
Shower heads	N1112.AB.2.4	Water flow must be restricted to no more than 2.5 gallons per minute at 80 PSIG.	
Air Distribution Systems	N1110.AB	All ducts, fittings, mechanical equipment and plenum chambers shall be mechanically attached, sealed, insulated and installed in accordance with the criteria of Section N1110.AB. Ducts in unconditioned attics: R-6 min. insulation.	
HVAC Controls	N1107.AB.2	Separate readily accessible manual or automatic thermostat for each system.	
Insulation	N1104.AB.1 N1102.B.1.1	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 INDEX* = 82

The lower the EnergyPerformance Index, the more efficient the home.

, Lake City, FL,

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Face Brick - Wood, Exterior	R=13.0	788.67 ft ²
3. Number of units, if multiple family	1		b. Frame - Wood, Exterior	R=13.0	548.67 ft ²
4. Number of Bedrooms	4		c. Frame - Wood, Adjacent	R=13.0	176.00 ft ²
5. Is this a worst case?	Yes		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	1657		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=30.0	1657.00 ft ²
a. U-Factor:	Dbl, default	149.00 ft ²	b. N/A	R=	ft ²
SHGC:	Clear, default		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	11. Ducts		
SHGC:			a. Sup: Attic Ret: Interior AH: Interior Sup. R= 6, 180 ft ²		
c. U-Factor:	N/A	ft ²	12. Cooling systems		
SHGC:			a. Central Unit	Cap: 32.0 kBtu/hr	
d. U-Factor:	N/A	ft ²		SEER: 13	
SHGC:			13. Heating systems		
e. U-Factor:	N/A	ft ²	a. Electric Heat Pump	Cap: 32.0 kBtu/hr	
SHGC:				HSPF: 7.7	
8. Floor Types	Insulation	Area	14. Hot water systems		
a. Slab-On-Grade Edge Insulation	R=0.0	1657.00 ft ²	a. Electric	Cap: 40 gallons	
b. N/A	R=	ft ²		EF: 0.93	
c. N/A	R=	ft ²	b. Conservation features		
			None		
			15. Credits		None

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 Index is only available through the EnergyGauge USA - FlaRes2008 computer program. This is not a Building Energy Rating. If your Index is below 100, your home may qualify for 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 energygauge.com 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.

**Label required by Section 13-104.4.5 of the Florida Building Code, Building, or Section B2.1.1 of Appendix G of the Florida Building Code, Residential, if not DEFAULT.

This Instrument Prepared By:
Michael H Harrell
Abstract & Title Services, Inc
PO Box 7175
Lake City, FL 32055

ATS# 17655

Inst 200912011498 Date: 7/10/2009 Time: 1:57 PM
Doc Stamp-Deed 175.00
DC, P. DeWitt Cason, Columbia County Page 1 of 1 B.1176 P.2400

CORPORATE WARRANTY DEED

Corporation to Individual

THIS WARRANTY DEED made this 9th day of July, 2009, by CEE-BAS, Inc., hereinafter called the grantor, to Richard Keen whose post office address is: 1256 SW CR 240, Lake City, FL 32025 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# R08107-030

LOT 30, OF EDGEWOOD ESTATES, A SUBDIVISION ACCORDING TO THE PLAT THEREOF RECORDED IN PLAT BOOK 4, PAGE 44, OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

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, 2008.

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:

Traci Landry
WITNESS

CEE-BAS, Inc.

Traci Landry
PRINTED NAME

BY: Douglas E. Edgley
Douglas E. Edgley, President

Jeresa Baker
WITNESS

Jeresa Baker
PRINTED NAME

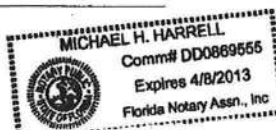
STATE OF FLORIDA
COUNTY OF COLUMBIA

The foregoing instrument was acknowledged before me this 9th day of July, 2009 by Douglas E. Edgley as President of CEE-BAS, Inc. personally known to me or, if not personally known to me, who produced advertiser's license for identification and who did not take an oath.

(SEAL)

NOTARY PUBLIC

My Commission Expires:



Columbia County Property Appraiser

DB Last Updated: 4/27/2009

2009 Preliminary Values

Tax Record

Property Card

Interactive GIS Map

Print

Parcel: 07-4S-17-08107-030

Owner & Property Info

Owner's Name	CEE-BAS INC		
Site Address	VERMONT		
Mailing Address	590 SW ARLINGTON BLVD STE 113 LAKE CITY, FL 32025		
Use Desc. (code)	VACANT (000000)		
Neighborhood	007417.01	Tax District	2
UD Codes	MKTA06	Market Area	06
Total Land Area	0.000 ACRES		
Description	LOT 30 EDGEWOOD ESTATES S/D. ORB 858-2318,		

<< Prev

Search Result: 2 of 14

Next >>

GIS Aerial



Property & Assessment Values

Mkt Land Value	cnt: (1)	\$20,000.00
Ag Land Value	cnt: (0)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$20,000.00

Just Value	\$20,000.00
Class Value	\$0.00
Assessed Value	\$20,000.00
Exemptions	\$0.00
Total Taxable Value	County: \$20,000.00 City: \$20,000.00 Other: \$20,000.00 School: \$20,000.00

Sales History

Sale Date	Book/Page	Inst. Type	Sale VImp	Sale Qual	Sale RCode	Sale Price
5/18/1998	858/2318	WD	V	U	01	\$0.00

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	0000001.000 LT - (0000000.000AC)	1.00/1.00/1.00/1.00	\$20,000.00	\$20,000.00

Columbia County Property Appraiser

DB Last Updated: 4/27/2009

<< Prev

2 of 14

Next >>

Columbia County Building Department Culvert Permit

Culvert Permit No.
000001740

DATE 07/17/2009 PARCEL ID # 07-4S-17-08107-030

APPLICANT RICHARD J. KEEN PHONE 386.755.2826

ADDRESS 650 SW MAIN STREET LAKE CITY FL 32025

OWNER RICHARD J. KEEN PHONE 386.755.2826

ADDRESS 140 SW VERMONT WAY LAKE CITY FL 32025

CONTRACTOR JAMES H. JOHNSTON PHONE 386.365.5999

LOCATION OF PROPERTY 47-S TO ENTRANCE OF EDGEWOOD EST., TR TO VERMONT WAY, TR & IT'S
THE 2ND OT ON L.

SUBDIVISION/LOT/BLOCK/PHASE/UNIT EDGEWOOD ESTATES 30

SIGNATURE 

INSTALLATION REQUIREMENTS



Culvert size will be 18 inches in diameter with a total length of 32 feet, leaving 24 feet of driving surface. Both ends will be mitered 4 foot with a 4 : 1 slope and poured with a 4 inch thick reinforced concrete slab.

INSTALLATION NOTE: Turnouts will be required as follows:

- a) a majority of the current and existing driveway turnouts are paved, or;
 - b) the driveway to be served will be paved or formed with concrete.
- Turnouts shall be concrete or paved a minimum of 12 feet wide or the width of the concrete or paved driveway, whichever is greater. The width shall conform to the current and existing paved or concreted turnouts.



Culvert installation shall conform to the approved site plan standards.



Department of Transportation Permit installation approved standards.



Other _____

**ALL PROPER SAFETY REQUIREMENTS SHOULD BE FOLLOWED
DURING THE INSTALATION OF THE CULVERT.**

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

Amount Paid 25.00



NOTICE OF COMMENCEMENT

County Clerk's Office Stamp or Seal

Tax Parcel Identification Number 07-45-17-08107-030

27952

THE UNDERSIGNED hereby gives notice that improvements will be made to certain real property, and in accordance with Section 713.13 of the Florida Statutes, the following information is provided in this NOTICE OF COMMENCEMENT.

1. Description of property (legal description): lot 30 Edgewood Estates
a) Street (job) Address: 140 SW Vermont Way Lake City FL 32025
2. General description of improvements: Build SFR
3. Owner Information
a) Name and address: Richard Keen 1256 SW CR 240 Lake City FL 32025
b) Name and address of fee simple titleholder (if other than owner) _____
c) Interest in property: 100%
4. Contractor Information
a) Name and address: James Johnston 650 SW Main St. Lake City FL 32025
b) Telephone No.: 386-755-2826 Fax No. (Opt.): 386-752-1030
5. Surety Information
a) Name and address: _____
b) Amount of Bond: _____
c) Telephone No.: _____ Fax No. (Opt.): _____
6. Lender
a) Name and address: N/A
b) Phone No.: _____
7. Identity of person within the State of Florida designated by owner upon whom notices or other documents may be served:
a) Name and address: N/A
b) Telephone No.: _____ Fax No. (Opt.): _____
8. In addition to himself, owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(l)(b).
Florida Statutes:
a) Name and address: _____
b) Telephone No.: _____ Fax No. (Opt.): _____
9. Expiration date of Notice of Commencement (the expiration date is one year from the date of recording unless a different date is specified): _____

WARNING TO OWNER: ANY PAYMENTS MADE BY THE OWNER AFTER THE EXPIRATION OF THE NOTICE OF COMMENCEMENT ARE CONSIDERED IMPROPER PAYMENTS UNDER CHAPTER 713, PART I, SECTION 713.13, FLORIDA STATUTES, AND CAN RESULT IN YOUR 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 YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

STATE OF FLORIDA
COUNTY OF COLUMBIA

10. Richard Keen
Signature of Owner or Owner's Authorized Office/Director/Partner/Manager
Richard Keen
Print Name

The foregoing instrument was acknowledged before me, a Florida Notary, this 20th day of July, 2009, by:
Richard Keen as owner (type of authority, e.g. officer, trustee, attorney
fact) for himself / Richard Keen (name of party on behalf of whom instrument was executed).

Personally Known ☒ OR Produced Identification _____ Type _____

Notary Signature Carey F. Chandler Notary Stamp or Seal:



CAREY F. CHANDLER
MY COMMISSION # DD 866347
EXPIRES: May 22, 2013
Bonded Thru Budget Notary Services

11. Verification pursuant to Section 92.525, Florida Statutes. Under penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Signature of Natural Person Signing (in line #10 above.) Richard Keen

Location:

Project Name:

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

Category/Subcategory	Manufacturer	Product Description	Approval Number
A. EXTERIOR DOORS	Masonite International	Metal Ext. Doors	FL 4242 -
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	mE Windows	Single Hung Windows	FL 5108
2. Horizontal Slider			FL 5451
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			FL 5418
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	James Hardie Building Prod.	Masonry Siding	FL 889-R
2. Soffits	KayCan LTD	Aluminum Soffit	FL 4899
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			FL 3820-R1
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	EIK Corp.	Arch. Asphalt Shingles	FL 586-R2
2. Underlayments	Woodland Ind.	30" Felt	FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			FL 7518.1
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles /shakes			
12. Roofing Slate			

Residential System Sizing Calculation

Summary

Spec House

Project Title:
906263RichardKeenEdgewoodEstLot30MANJ

Class 3 Rating
Registration No. 0
Climate: North

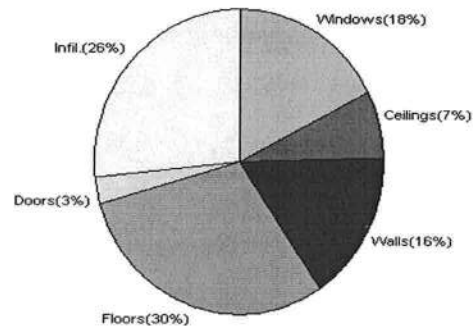
7/1/2009

Location for weather data: Gainesville - Defaults: Latitude(29) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(54gr.)			
Winter design temperature	33 F	Summer design temperature	92 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	37 F	Summer temperature difference	17 F
Total heating load calculation	27219 Btuh	Total cooling load calculation	23839 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	117.6 32000	Sensible (SHR = 0.75)	127.3 24000
Heat Pump + Auxiliary(0.0kW)	117.6 32000	Latent	160.3 8000
		Total (Electric Heat Pump)	134.2 32000

WINTER CALCULATIONS

Winter Heating Load (for 1657 sqft)

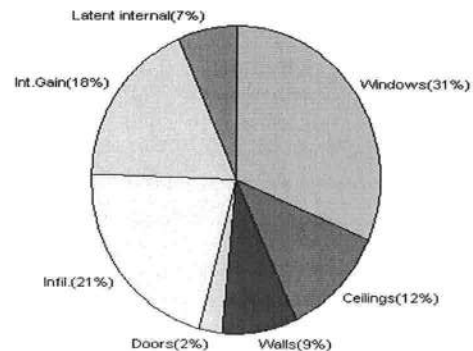
Load component		Load	
Window total	149 sqft	4796	Btuh
Wall total	1304 sqft	4282	Btuh
Door total	60 sqft	777	Btuh
Ceiling total	1657 sqft	1953	Btuh
Floor total	189 sqft	8252	Btuh
Infiltration	177 cfm	7159	Btuh
Duct loss		0	Btuh
Subtotal		27219	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		27219	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1657 sqft)

Load component		Load	
Window total	149 sqft	7503	Btuh
Wall total	1304 sqft	2046	Btuh
Door total	60 sqft	588	Btuh
Ceiling total	1657 sqft	2744	Btuh
Floor total		0	Btuh
Infiltration	93 cfm	1727	Btuh
Internal gain		4240	Btuh
Duct gain		0	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Total sensible gain		18848	Btuh
Latent gain(ducts)		0	Btuh
Latent gain(infiltration)		3391	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1600	Btuh
Total latent gain		4991	Btuh
TOTAL HEAT GAIN		23839	Btuh



For Florida residences only

EnergyGauge® System Sizing

PREPARED BY:

DATE:

7/1/09

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Spec House

Project Title:

Class 3 Rating

906263RichardKeenEdgewoodEstLot30MANJ

Registration No. 0

Lake City, FL

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/1/2009

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

Component Loads for Whole House

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft) X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0	32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NW	9.0	32.2	290 Btuh
3	2, Clear, Metal, 0.87	NW	20.0	32.2	644 Btuh
4	2, Clear, Metal, 0.87	NE	15.0	32.2	483 Btuh
5	2, Clear, Metal, 0.87	SE	20.0	32.2	644 Btuh
6	2, Clear, Metal, 0.87	SE	40.0	32.2	1288 Btuh
Window Total			149(sqft)		4796 Btuh
Walls	Type	R-Value	Area X	HTM=	Load
1	Face Brick - Wood - Ext(0.09)	13.0	693	3.3	2276 Btuh
2	Frame - Wood - Ext(0.09)	13.0	455	3.3	1494 Btuh
3	Frame - Wood - Adj(0.09)	13.0	156	3.3	512 Btuh
Wall Total			1304		4282 Btuh
Doors	Type		Area X	HTM=	Load
1	Insulated - Adjacent		20	12.9	259 Btuh
2	Insulated - Exterior		20	12.9	259 Btuh
3	Insulated - Exterior		20	12.9	259 Btuh
Door Total			60		777Btuh
Ceilings	Type/Color/Surface	R-Value	Area X	HTM=	Load
1	Vented Attic/D/Shin)	30.0	1657	1.2	1953 Btuh
Ceiling Total			1657		1953Btuh
Floors	Type	R-Value	Size X	HTM=	Load
1	Slab On Grade	0	189.0 ft(p)	43.7	8252 Btuh
Floor Total			189		8252 Btuh
Zone Envelope Subtotal:					20060 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=	Load
	Natural	0.80	13256	176.7	7159 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(NoDucts) (DLM of 0.00)				0 Btuh
Zone #1	Sensible Zone Subtotal				27219 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House
Lake City, FL

Project Title:
906263RichardKeenEdgewoodEstLot30MANJ

Class 3 Rating
Registration No. 0
Climate: North

7/1/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	27219 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	27219 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Winter

Residential Load - Room by Room Component Details

Spec House

Project Title:

Class 3 Rating

906263RichardKeenEdgewoodEstLot30MANJ

Registration No. 0

Lake City, FL

Climate: North

Reference City: Gainesville (Defaults) Winter Temperature Difference: 37.0 F

7/1/2009

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

Component Loads for Zone #1: Main

Window	Panes/SHGC/Frame/U	Orientation	Area(sqft)	X	HTM=	Load
1	2, Clear, Metal, 0.87	NW	45.0		32.2	1449 Btuh
2	2, Clear, Metal, 0.87	NW	9.0		32.2	290 Btuh
3	2, Clear, Metal, 0.87	NW	20.0		32.2	644 Btuh
4	2, Clear, Metal, 0.87	NE	15.0		32.2	483 Btuh
5	2, Clear, Metal, 0.87	SE	20.0		32.2	644 Btuh
6	2, Clear, Metal, 0.87	SE	40.0		32.2	1288 Btuh
Window Total			149(sqft)			4796 Btuh
Walls	Type	R-Value	Area	X	HTM=	Load
1	Face Brick - Wood - Ext(0.09)	13.0	693		3.3	2276 Btuh
2	Frame - Wood - Ext(0.09)	13.0	455		3.3	1494 Btuh
3	Frame - Wood - Adj(0.09)	13.0	156		3.3	512 Btuh
Wall Total			1304			4282 Btuh
Doors	Type		Area	X	HTM=	Load
1	Insulated - Adjacent		20		12.9	259 Btuh
2	Insulated - Exterior		20		12.9	259 Btuh
3	Insulated - Exterior		20		12.9	259 Btuh
Door Total			60			777Btuh
Ceilings	Type/Color/Surface	R-Value	Area	X	HTM=	Load
1	Vented Attic(D/Shin)	30.0	1657		1.2	1953 Btuh
Ceiling Total			1657			1953Btuh
Floors	Type	R-Value	Size	X	HTM=	Load
1	Slab On Grade	0	189.0 ft(p)		43.7	8252 Btuh
Floor Total			189			8252 Btuh
Zone Envelope Subtotal:						20060 Btuh
Infiltration	Type	ACH X	Zone Volume	CFM=		
	Natural	0.80	13256	176.7		7159 Btuh
Ductload	Unsealed, R6.0, Supply(Attic), Return(NoDucts) (DLM of 0.00)					0 Btuh
Zone #1	Sensible Zone Subtotal					27219 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Spec House
Lake City, FL

Project Title:
906263RichardKeenEdgewoodEstLot30MANJ

Class 3 Rating
Registration No. 0
Climate: North

7/1/2009

WHOLE HOUSE TOTALS

	Subtotal Sensible	27219 Btuh
	Ventilation Sensible	0 Btuh
	Total Btuh Loss	27219 Btuh

Key: Window types (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(Frame types - metal, wood or insulated metal)
(U - Window U-Factor or 'DEF' for default)
(HTM - ManualJ Heat Transfer Multiplier)

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



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Spec House

Project Title:

Class 3 Rating

Lake City, FL

906263RichardKeenEdgewoodEstLot30MANJ

Registration No. 0

Climate: North

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

7/1/2009

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

Component Loads for Whole House

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft	5.66	45.0	0.0	45.0	29	60	2702	Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft	3.66	9.0	0.0	9.0	29	60	540	Btuh
3	2, Clear, 0.87, None,N,N	NW	14.0	7ft.	20.0	0.0	20.0	29	60	1201	Btuh
4	2, Clear, 0.87, None,N,N	NE	1.5ft	5.66	15.0	0.0	15.0	29	60	901	Btuh
5	2, Clear, 0.87, None,N,N	SE	1.5ft	5.66	20.0	7.4	12.6	29	63	1001	Btuh
6	2, Clear, 0.87, None,N,N	SE	7.5ft	6.66	40.0	40.0	0.0	29	63	1158	Btuh
Window Total					149 (sqft)					7503 Btuh	
Walls	Type	R-Value/U-Value		Area(sqft)			HTM		Load		
1	Face Brick - Wood - Ext	13.0/0.09		693.0			1.2		861 Btuh		
2	Frame - Wood - Ext	13.0/0.09		455.0			2.1		949 Btuh		
3	Frame - Wood - Adj	13.0/0.09		156.0			1.5		235 Btuh		
Wall Total				1304 (sqft)					2046 Btuh		
Doors	Type	R-Value/U-Value			Area (sqft)		HTM		Load		
1	Insulated - Adjacent				20.0		9.8		196 Btuh		
2	Insulated - Exterior				20.0		9.8		196 Btuh		
3	Insulated - Exterior				20.0		9.8		196 Btuh		
Door Total				60 (sqft)					588 Btuh		
Ceilings	Type/Color/Surface	R-Value		Area(sqft)			HTM		Load		
1	Vented Attic/DarkShingle	30.0		1657.0			1.7		2744 Btuh		
Ceiling Total				1657 (sqft)					2744 Btuh		
Floors	Type	R-Value		Size			HTM		Load		
1	Slab On Grade	0.0		189 (ft(p))			0.0		0 Btuh		
Floor Total				189.0 (sqft)					0 Btuh		
Zone Envelope Subtotal:										12881 Btuh	
Infiltration	Type	ACH		Volume(cuft)			CFM=		Load		
	SensibleNatural	0.42		13256			92.8		1727 Btuh		
Internal gain	Occupants		Btuh/occupant			Appliance		Load			
	8		X 230 +			2400		4240 Btuh			
Duct load	Unsealed, R6.0, Supply(Attic), Return(NoDucts)							DGM = 0.00		0.0 Btuh	
Sensible Zone Load										18848 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House
Lake City, FL

Project Title:
906263RichardKeenEdgewoodEstLot30MANJ

Class 3 Rating
Registration No. 0
Climate: North

7/1/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18848 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18848 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18848 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3391 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4991 Btuh
	TOTAL GAIN	23839 Btuh

*Key: Window types (Pn - Number of panes of glass)
 (SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
 (U - Window U-Factor or 'DEF' for default)
 (InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
 (ExSh - Exterior shading device: none(N) or numerical value)
 (BS - Insect screen: none(N), Full(F) or Half(H))
 (Ornt - compass orientation)



For Florida residences only

System Sizing Calculations - Summer

Residential Load - Room by Room Component Details

Spec House

Project Title:

Class 3 Rating

906263RichardKeenEdgewoodEstLot30MANJ

Registration No. 0

Lake City, FL

Climate: North

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

7/1/2009

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

Component Loads for Zone #1: Main

Window	Type*	Ornt	Overhang		Window Area(sqft)			HTM		Load	
	Pn/SHGC/U/InSh/ExSh/IS		Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2, Clear, 0.87, None,N,N	NW	1.5ft	5.66	45.0	0.0	45.0	29	60	2702	Btuh
2	2, Clear, 0.87, None,N,N	NW	1.5ft	3.66	9.0	0.0	9.0	29	60	540	Btuh
3	2, Clear, 0.87, None,N,N	NW	14.0	7ft.	20.0	0.0	20.0	29	60	1201	Btuh
4	2, Clear, 0.87, None,N,N	NE	1.5ft	5.66	15.0	0.0	15.0	29	60	901	Btuh
5	2, Clear, 0.87, None,N,N	SE	1.5ft	5.66	20.0	7.4	12.6	29	63	1001	Btuh
6	2, Clear, 0.87, None,N,N	SE	7.5ft	6.66	40.0	40.0	0.0	29	63	1158	Btuh
	Window Total				149 (sqft)					7503 Btuh	
Walls	Type		R-Value/U-Value		Area(sqft)		HTM		Load		
1	Face Brick - Wood - Ext		13.0/0.09		693.0		1.2		861 Btuh		
2	Frame - Wood - Ext		13.0/0.09		455.0		2.1		949 Btuh		
3	Frame - Wood - Adj		13.0/0.09		156.0		1.5		235 Btuh		
	Wall Total				1304 (sqft)				2046 Btuh		
Doors	Type				Area (sqft)		HTM		Load		
1	Insulated - Adjacent				20.0		9.8		196 Btuh		
2	Insulated - Exterior				20.0		9.8		196 Btuh		
3	Insulated - Exterior				20.0		9.8		196 Btuh		
	Door Total				60 (sqft)				588 Btuh		
Ceilings	Type/Color/Surface		R-Value		Area(sqft)		HTM		Load		
1	Vented Attic/DarkShingle		30.0		1657.0		1.7		2744 Btuh		
	Ceiling Total				1657 (sqft)				2744 Btuh		
Floors	Type		R-Value		Size		HTM		Load		
1	Slab On Grade		0.0		189 (ft(p))		0.0		0 Btuh		
	Floor Total				189.0 (sqft)				0 Btuh		
	Zone Envelope Subtotal:									12881 Btuh	
Infiltration	Type		ACH		Volume(cuft)		CFM=		Load		
	SensibleNatural		0.42		13256		92.8		1727 Btuh		
Internal gain			Occupants		Btuh/occupant		Appliance		Load		
			8		X 230 +		2400		4240 Btuh		
Duct load	Unsealed, R6.0, Supply(Attic), Return(NoDucts)							DGM = 0.00		0.0 Btuh	
	Sensible Zone Load									18848 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Spec House
Lake City, FL

Project Title:
906263RichardKeenEdgewoodEstLot30MANJ

Class 3 Rating
Registration No. 0
Climate: North

7/1/2009

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	18848 Btuh
	Sensible Duct Load	0 Btuh
	Total Sensible Zone Loads	18848 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	18848 Btuh
	Latent infiltration gain (for 54 gr. humidity difference)	3391 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	0 Btuh
	Latent occupant gain (8 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	Latent total gain	4991 Btuh
	TOTAL GAIN	23839 Btuh

*Key: Window types (Pn - Number of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value or as clear or tint)
(U - Window U-Factor or 'DEF' for default)
(InSh - Interior shading device: none(N), Blinds(B), Draperies(D) or Roller Shades(R))
(ExSh - Exterior shading device: none(N) or numerical value)
(BS - Insect screen: none(N), Full(F) or Half(H))
(Ornt - compass orientation)



For Florida residences only

Residential Window Diversity

MidSummer

Spec House

Project Title:

Lake City, FL

906263RichardKeenEdgewoodEstLot30MANJ

Class 3 Rating

Registration No. 0

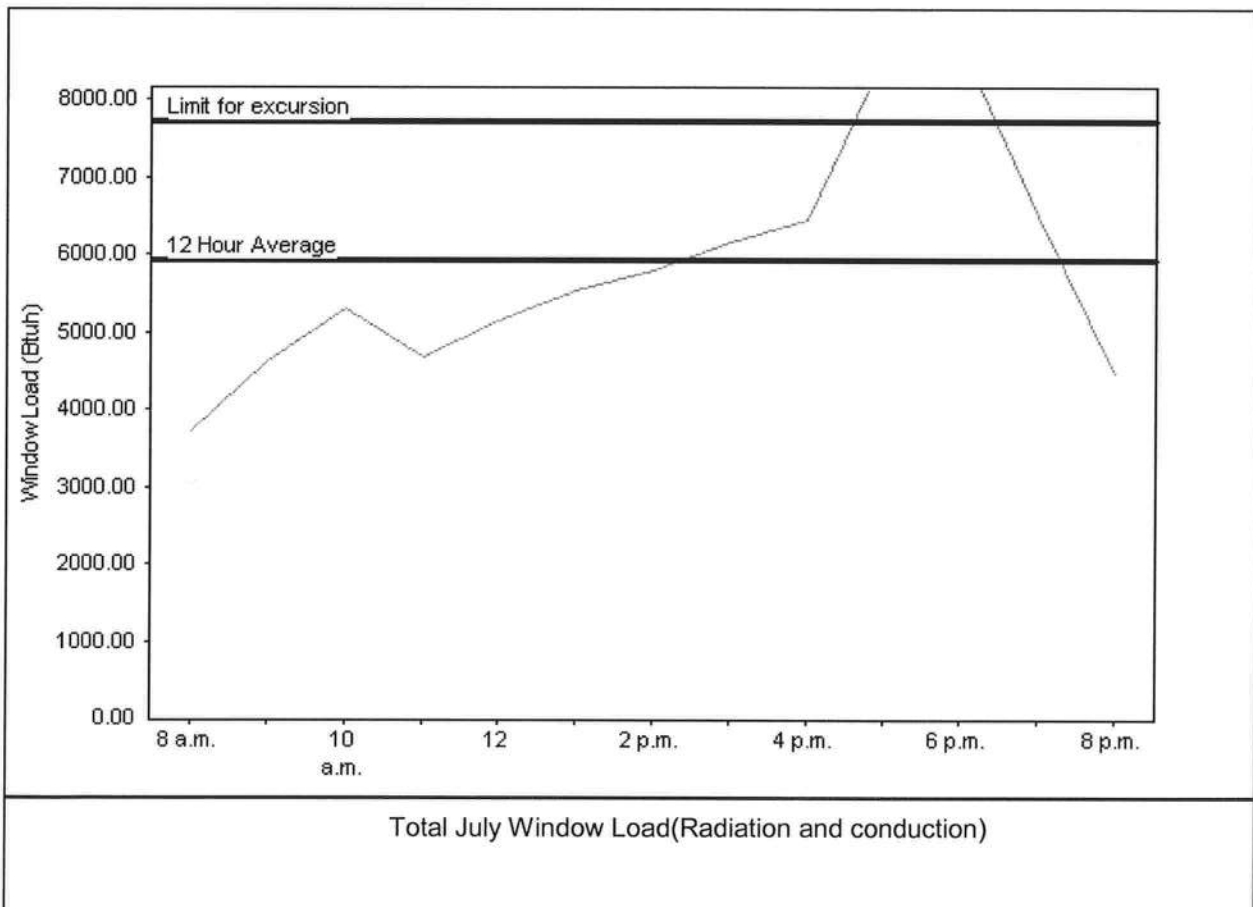
Climate: North

7/1/2009

Weather data for: Gainesville - Defaults

Summer design temperature	92 F	Average window load for July	5943 Btuh
Summer setpoint	75 F	Peak window load for July	8697 Btuh
Summer temperature difference	17 F	Excursion limit(130% of Ave.)	7726 Btuh
Latitude	29 North	Window excursion (July)	971 Btuh

WINDOW Average and Peak Loads



Warning: This application has glass areas that produce relatively large heat gains for part of the day. Variable air volume devices may be required to overcome spikes in solar gain for one or more rooms. A zoned system may be required or some rooms may require zone control.

EnergyGauge® System Sizing for Florida residences only

PREPARED BY:

DATE:

EnergyGauge® FLR2PB v4.1





**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST REQUIRMENTS**

**MINIMUM PLAN REQUIREMENTS FOR THE
FLORIDA BUILDING CODE RESIDENTIAL 2007
ONE (1) AND TWO (2) FAMILY DWELLINGS**

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE with the Current 2007 FLORIDA BUILDING CODES RESIDENTIAL. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FIGURE R301.2(4) of the FLORIDA BUILDING CODES RESIDENTIAL (Florida Wind speed map) SHALL BE USED.

WIND SPEED LINE SHALL BE DEFINED AS FOLLOWS: THE CENTERLINE OF INTERSTATE 75.

ALL BUILDINGS CONSTRUCTED EAST OF SAID LINE SHALL BE ----- 100 MPH

ALL BUILDINGS CONSTRUCTED WEST OF SAID LINE SHALL BE -----110 MPH

NO AREA IN COLUMBIA COUNTY IS IN A WIND BORNE DEBRIS REGION

**GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL**

**Items to Include-
Each Box shall be
Circled as
Applicable**

		Yes	No	N/A
1	Two (2) complete sets of plans containing the following:	✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	✓		
3	Condition space (Sq. Ft.) <u>1657</u>	IIIIIIII	IIIIIIII	IIII
	Total (Sq. Ft.) under roof <u>2398</u>			

Designers name and signature shall be on all documents and a licensed architect or engineer, signature and official embossed seal shall be affixed to the plans and documents as per the FLORIDA BUILDING CODES RESIDENTIAL R101.2.1

Site Plan information including:

4	Dimensions of lot or parcel of land	✓		
5	Dimensions of all building set backs	✓		
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	✓		
7	Provide a full legal description of property.	✓		

Wind-load Engineering Summary, calculations and any details required

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	IIIII	IIII	IIIII
		YES	NO	N/A
9	Basic wind speed (3-second gust), miles per hour	✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	✓		
11	Wind importance factor and nature of occupancy	✓		
12	The applicable internal pressure coefficient, Components and Cladding	✓		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	✓		

Elevations Drawing including:

14	All side views of the structure	✓		
15	Roof pitch	✓		
16	Overhang dimensions and detail with attic ventilation	✓		
17	Location, size and height above roof of chimneys	✓		
18	Location and size of skylights with Florida Product Approval	✓		
18	Number of stories	✓		
20A	Building height from the established grade to the roofs highest peak	✓		

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	✓		
21	Raised floor surfaces located more than 30 inches above the floor or grade	✓		
22	All exterior and interior shear walls indicated	✓		
23	Shear wall opening shown (Windows, Doors and Garage doors)	✓		
24	Emergency escape and rescue opening shown in each bedroom (net clear opening shown)	✓		
25	Safety glazing of glass where needed	✓		
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 of FBCR)			✓
27	Stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails (see FBCR SECTION 311)			✓
28	Identify accessibility of bathroom (see FBCR SECTION 322)	✓		

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plan (see Florida product approval form)

GENERAL REQUIREMENTS:
APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Circled as
Applicable

FBCR 403: Foundation Plans

		YES	NO	N/A
29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	✓		
30	All posts and/or column footing including size and reinforcing	✓		
31	Any special support required by soil analysis such as piling.	✓		
32	Assumed load-bearing value of soil _____ Pound Per Square Foot	✓		
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type)	✓		

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	✓		
35	Show control joints, synthetic fiber reinforcement or welded wire fabric reinforcement and Supports	✓		

FBCR 320: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or submit other approved termite protection methods. Protection shall be provided by registered termiticides	✓		
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

37	Show all materials making up walls, wall height, and Block size, mortar type	✓		
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement			✓

Metal frame shear wall and roof systems shall be designed, signed and sealed by Florida Prof. Engineer or Architect

Floor Framing System: First and/or second story

39	Floor truss package shall including layout and details, signed and sealed by Florida Registered Professional Engineer			
40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers			
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers			
42	Attachment of joist to girder			
43	Wind load requirements where applicable			
44	Show required under-floor crawl space			
45	Show required amount of ventilation opening for under-floor spaces			
46	Show required covering of ventilation opening			
47	Show the required access opening to access to under-floor spaces			
	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges &			

48	intermediate of the areas structural panel sheathing			
49	Show Draftstopping, Fire caulking and Fire blocking			
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 309			
51	Provide live and dead load rating of floor framing systems (psf).			

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A

52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls			
53	Fastener schedule for structural members per table FBCR 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCR Table 502.5 (1)	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.10 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing			✓
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating			✓
67	Valley framing and support details			✓
68	Provide dead load rating of rafter system			✓

FBCR Table 602,3(2) & FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	✓		
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	✓		

FBCR ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assemblies covering	✓		
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	✓		

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. *Two of the required forms are to be submitted, showing dimensions condition area equal to the total condition living space area*

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
73	Show the insulation R value for the following areas of the structure	✓		
74	Attic space	✓		
75	Exterior wall cavity	✓		
76	Crawl space			✓

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	✓		
78	Exhaust fans locations in bathrooms	✓		
79	Show clothes dryer route and total run of exhaust duct	✓		

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	✓		
81	Show the location of water heater	✓		

Private Potable Water

City water

82	Pump motor horse power			✓
83	Reservoir pressure tank gallon capacity			✓
84	Rating of cycle stop valve if used			✓

Electrical layout shown including

85	Switches, outlets/receptacles, lighting and all required GFCI outlets identified	✓		
86	Ceiling fans	✓		
87	Smoke detectors & Carbon dioxide detectors	✓		
88	Service panel, sub-panel, location(s) and total ampere ratings	✓		
89	On the electrical plans identify the electrical service overcurrent protection device for the main electrical service. This device shall be installed on the exterior of structures to serve as a disconnecting means for the utility company electrical service. Conductors used from the exterior disconnecting means to a panel or sub panel shall have four-wire conductors, of which one conductor shall be used as an equipment ground. Indicate if the utility company service entrance cable will be of the overhead or underground type.	✓		

90	Appliances and HVAC equipment and disconnects	✓		
91	Arc Fault Circuits (AFCI) in bedrooms	✓		

Disclosure Statement for Owner Builders *If you as the applicant will be acting as an owner/builder under section 489.103(7) of the Florida Statutes, submit the required owner builder disclosure statement form.*

Notice Of Commencement

A notice of commencement form **recorded** in the Columbia County Clerk Office is required to be filed with the building department Before Any Inspections can be preformed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable
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THE FOLLOWING ITEMS MUST BE SUBMITTED WITH BUILDING PLANS

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application form is to be completed and submitted for all residential projects	✓		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraiser (386) 758-1084 is required. A copy of property deed is also requested	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058			
95	City of Lake City A permit showing an approved waste water sewer tap			✓
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations	✓		
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the base flood elevation (100 year flood) has been established			✓
100	A development permit will also be required. Development permit cost is \$50.00			✓
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00). All culvert waivers are sent to the Columbia County Public Works Department for approval or denial.	✓		
102	911 Address: If the project is located in an area where a 911 address has not been issued, then application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125	✓		

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code, Building shall govern the administration and enforcement of the Florida Building Code, Residential.

Section 105 of the Florida Building Code defines the:

Time limitation of application.

An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless such application has been pursued in good faith or a permit has been issued; except that the building official is authorized to grant one or more extensions of time for additional periods not exceeding 90 days each. The extension shall be requested in writing and justifiable cause demonstrated.

Single-family residential dwelling.

Section 105.3.4 A building permit for a single-family residential dwelling must be issued within 30 working days of application therefor unless unusual circumstances require a longer time for processing the application or unless the permit application fails to satisfy the Florida Building Code or the enforcing agency's laws or ordinances.

Permit intent.

Section 105.4.1: A permit issued shall be constructed to be a license to proceed with the work and not as authority to violate, cancel, alter or set aside any of the provisions of the technical codes, nor shall issuance of a permit prevent the building official from thereafter requiring a correction of errors in plans, construction or violations of this code. Every permit issued shall become invalid unless the work authorized by such permit is commenced within six months after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of six months after the time the work is commenced.

If work has commenced.

Section 105.4.1.1: If work has commenced and the permit is revoked, becomes null and void, or expires because of lack of progress or abandonment, a new permit covering the proposed construction shall be obtained before proceeding with the work.

New Permit.

Section 105.4.1.2: If a new permit is not obtained within 180 days from the date the initial permit became null and void, the building official is authorized to require that any work which has been commenced or completed be removed from the building site. Alternately, a new permit may be issued on application, providing the work in place and required to complete the structure meets all applicable regulations in effect at the time the initial permit became null and void and any regulations which may have become effective between the date of expiration and the date of issuance of the new permit.

Work Shall Be:

Section 105.4.1.3: Work shall be considered to be in active progress when the permit has received an approved inspection within 180 days. This provision shall not be applicable in case of civil commotion or strike or when the building work is halted due directly to judicial injunction, order or similar process.

The Fee:

Section 105.4.1.4: The fee for renewal reissuance and extension of a permit shall be set forth by the administrative authority.

When the submitted application is approved for permitting the applicant will be notified by phone as to the date and time a building permit will be prepared and issued by the Columbia County Building & Zoning Department

Location:

Project Name:

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

Category/Subcategory	Manufacturer	Product Description	Approval Number
A. EXTERIOR DOORS	Masonite International	Metal Ext. Doors	FL 4242-
1. Swinging			
2. Sliding			
3. Sectional			
4. Roll up			
5. Automatic			
6. Other			
B. WINDOWS			
1. Single hung	mtl Windows	Single Hung Windows	FL 5108
2. Horizontal Slider			FL 5451
3. Casement			
4. Double Hung			
5. Fixed			
6. Awning			FL 5418
7. Pass-through			
8. Projected			
9. Mullion			
10. Wind Breaker			
11. Dual Action			
12. Other			
C. PANEL WALL			
1. Siding	James Hardie Building Prod.	Masonry Siding	FL 889-R
2. Soffits	KayCan LTD	Aluminum Soffit	FL 4899
3. EIFS			
4. Storefronts			
5. Curtain walls			
6. Wall louver			
7. Glass block			
8. Membrane			FL 3820-R1
9. Greenhouse			
10. Other			
D. ROOFING PRODUCTS			
1. Asphalt Shingles	EIK Corp.	Arch. Asphalt Shingles	FL 586-R2
2. Underlayments	Woodland Ind.	30# Felt	FL 1814-R1
3. Roofing Fasteners			
4. Non-structural Metal Rf			
5. Built-Up Roofing			FL 7518.1
6. Modified Bitumen			
7. Single Ply Roofing Sys			
8. Roofing Tiles			
9. Roofing Insulation			
10. Waterproofing			
11. Wood shingles/shakes			
12. Roofing Slate			

COLUMBIA COUNTY FLORIDA DEPARTMENT OF BUILDING AND ZONING

OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

This Certificate of Occupancy is issued to the below named permit holder for the building and premises at the below named location, and certifies that the work has been completed in accordance with the Columbia County Building Code.

Parcel Number 07-4S-17-08107-030

Building permit No. 000027952

Use Classification SFD/UTILITY

Fire: 77.00

Permit Holder JAMES H. JOHNSTON

Waste: 201.00

Owner of Building RICHARD J. KEEN

Total: 278.00

Location: 140 SW VERMONT WAY, LAKE CITY, FL

Date: 10/02/2009

Harry Dicks

Building Inspector



POST IN A CONSPICUOUS PLACE
(Business Places Only)