

DATE08/21/2017

Columbia County Building Permit

This Permit Must Be Prominently Posted on Premises During Construction

PERMIT000035711

APPLICANTBRIAN PAPKA

PHONE386-965-8340

ADDRESS363SW BLAYLOCK COURT

LAKE CITYFL32024

OWNERBRIAN PAPKA & BRITTANEY PAPKA

PHONE386-965-8340

ADDRESS363SW BLAYLOCK COURT

LAKE CITYFL32024

CONTRACTORBRIAN PAPKA

PHONE386-965-8340

LOCATION OF PROPERTY47-S TO WALTER AVENUE TO LITTLE,TL TO BLAYLOCK,TR AND THE LOT IS ON THE L @ TOP OF HILL

TYPE DEVELOPMENTSFD, UTILITY

ESTIMATED COST OF CONSTRUCTION216350.00

HEATED FLOOR AREA3164.00

TOTAL AREA4327.00

HEIGHT

STORIES2

FOUNDATIONCONCRETE

WALLSFRAMED

ROOF PITCH

FLOOR

SLAB

LAND USE & ZONINGAG-3

MAX. HEIGHT35

Minimum Set Back Requirments:

STREET-FRONT225.00

REAR102.00

SIDE157.00

NO. EX.D.U.1

FLOOD ZONEX

DEVELOPMENT PERMIT NO.

PARCEL ID01-5S-16-03401-010

SUBDIVISIONRIVERS MANOR - THE NORTH 1/2 OF

LOT8

BLOCK

PHASE

UNIT2

TOTAL ACRES5.00

OWNER

Culvert Permit No.

Culvert Waiver

Contractor's License Number

Applicant/Owner/Contractor

EXISTING17-0543

LH

TC

N

Driveway Connection

Septic Tank Number

LU & Zoning checked by

Approved for Issuance

New Resident

Time/STUP No.

COMMENTS: NOC ON FILE, REPLACING EXISTING MH THAT HAS ALREADY BEEN REMOVED

Check # or Cash1130

FOR BUILDING & ZONING DEPARTMENT ONLY

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

Permanent power

C.O. Final

Culvert

date/app. by

date/app. by

Pump pole

Utility Pole

M/H tie downs, blocking, electricity and plumbing

date/app. by

date/app. by

Reconnection

RV

Re-roof

date/app. by

date/app. by

BUILDING PERMIT FEE \$1085.00

CERTIFICATION FEE \$21.64

SURCHARGE FEE \$21.64

MISC. FEES \$0.00

ZONING CERT. FEE \$50.00

FIRE FEE \$0.00

WASTE FEE \$

PLAN REVIEW FEE \$271.00

DP & FLOOD ZONE FEE \$25.00

CULVERT FEE \$

TOTAL FEE1474.28

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.
NOTICE: ALL OTHER APPLICABLE STATE OR FEDERAL PERMITS SHALL BE OBTAINED BEFORE COMMENCEMENT OF THIS PERMITTED DEVELOPMENT.

"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.

PREPARED BY & RETURN TO:

Name: RIMROCK DEVELOPMENT, LLC
Address: 343 NW Cole Terrace, Suite 201
Lake City, FL 33055

Parcel ID No.: 03401-010

Inst: 201712015523 Date: 08/17/2017 Time: 1:28PM
Page 1 of 1 B: 1342 P: 2177, P.DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy ClerkDoc Stamp-Deed: 0.70

SPACE ABOVE THIS LINE FOR PROCESSING DATA

SPACE ABOVE THIS LINE FOR RECORDING DATA

This **SPECIAL WARRANTY DEED**, made the 16th day of August, 2017, by **RIMROCK DEVELOPMENT, LLC**, hereinafter called the Grantor, to **BRIAN PAPKA and BRITTANEY PAPKA, HUSBAND AND WIFE**, whose post office address is **363 SW BLAYLOCK COURT, LAKE CITY, FL 32024**, hereinafter called the Grantees:

WITNESSETH: That the Grantor, for and in consideration of the sum of \$10.00 and other valuable consideration, receipt whereof is hereby acknowledged, does hereby grant, bargain, sell, alien, remise, release, convey and confirm unto the Grantees all that certain land situate in Columbia County, State of Florida, viz:

THE NORTH ONE-HALF (N ½) OF THE FOLLOWING DESCRIBED PROPERTY:

LOT #8, RIVERS MANOR, UNIT II, AN UNRECORDED SUBDIVISION IN SECTIONS 1 AND 12, TOWNSHIP 5 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

A PART OF THE SE ¼ OF SECTION 1, TOWNSHIP 5 SOUTH, RANGE 16 EAST, MORE PARTICULARLY DESCRIBED AS FOLLOWS: COMMENCE AT THE SW CORNER OF THE SE ¼ OF THE SE ¼ OF SAID SECTION 1 AND RUN N 89°20'28" E, ALONG THE SOUTH LINE THEREOF, 644.80 FEET TO THE SW CORNER OF LOT 1, RIVERS MANOR UNIT 1, AS RECORDED IN PLAT BOOK 5, PAGE 139 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA; THENCE N 0°18'09" W, ALONG THE WEST LINE OF SAID RIVERS MANOR, UNIT 1, 644.34 FEET FOR THE POINT OF BEGINNING; THENCE CONTINUE N 0°18'09" W, 649.27 FEET; THENCE S 88°39'40" W, 671.78 FEET TO THE EAST RIGHT-OF-WAY LINE OF DAVIE LANE (A 60 FOOT ROAD); THENCE S 0°19'13" E, 649.27 FEET; THENCE N 88°39'40" E, 671.58 FEET TO THE POINT OF BEGINNING. COLUMBIA COUNTY, FLORIDA.

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

SUBJECT TO TAXES FOR THE YEAR 2017 AND SUBSEQUENT YEARS, RESTRICTIONS, RESERVATIONS, COVENANTS AND EASEMENTS OF RECORD, IF ANY.

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

And the Grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons claiming by, through or under the said Grantor, but not otherwise.

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:

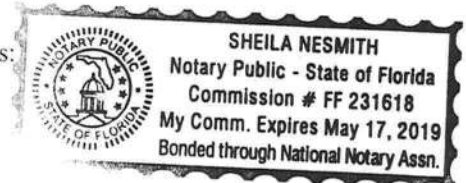
Witness Signature
Printed Name: Sheila Nesmith

Name: RIMROCK DEVELOPMENT, LLC L.S.
Address:
343 NW COLE TERRACE, SUITE 201, LAKE CITY,
FLORIDA 32055

Witness Signature
Printed Name: Calista Linton

The foregoing instrument was acknowledged before me this 16th day of August, 2017, by , who is personally known to me or who has produced _____ as identification.

Signature of Notary
Printed Name:
My commission expires:



Columbia County New Building Permit Application

For Office Use Only Application # 170867 Date Received 8/2 By STW Permit # 35711
 Zoning Official BUS Date 8-16-17 Flood Zone X Land Use _____ Zoning _____
 FEMA Map # _____ Elevation _____ MFE 1' above River _____ Plans Examiner T.C. Date 8-15-17
 Comments _____
☒ NOC ☒ DEH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☒ Well ☒ 911 Sheet ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form

Septic Permit No. 17-0543 OR City Water ☐ Fax _____

Applicant (Who will sign/pickup the permit) Brian Papka Phone 386-965-8340

Address 363 Sw Blaylock Court Lake City, FL 32024

Owners Name Brian Papka Phone 386-965-8340

911 Address 363 Sw Blaylock Court Lake City FL 32024

Contractors Name Owner Build Phone 386-965-8340

Address Same as above

Contractor Email brianpapka@gmail.com

***Include to get updates on this job.

Fee Simple Owner Name & Address N/A

Bonding Co. Name & Address N/A

Architect/Engineer Name & Address Nicholas P. Geisler 1758 Nw brown rd. Lake City FL

Mortgage Lenders Name & Address N/A

Circle the correct power company ☐ FL Power & Light ☒ Clay Elec. ☐ Suwannee Valley Elec. ☐ Duke Energy

Property ID Number 01-55-16-03401-010 Estimated Construction Cost \$165,000

Subdivision Name Rivers Manor Lot 8 Block _____ Unit _____ Phase _____

Driving Directions from a Major Road Turn left on little road from Hwy 47, Take the first left onto Walter little, Follow Walter little approx. 2 miles until you come to blaylock court on the right.

Construction of Home - SFD Commercial OR ☒ Residential

Proposed Use/Occupancy Single Family Number of Existing Dwellings on Property 1

Is the Building Fire Sprinkled? No If Yes, blueprints included N/A Or Explain _____

Circle Proposed ☐ Culvert Permit or ☐ Culvert Waiver or ☐ D.O.T. Permit or ☒ Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 225 Side 102 Side 157 Rear 363

Number of Stories 2 Heated Floor Area 3,164 Total Floor Area 4,327 Acreage 5

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) N/A
We sent email 8.2.17

Columbia County Building Permit Application

CODE: Florida Building Code 2014 and the 2011 National Electrical Code.

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.

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 pursued in good faith or a permit has been issued.

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 CONTRACTOR AND AGENT: **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 CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

NOTICE TO OWNER: There are some properties that may have deed restrictions recorded upon them. These restrictions may limit or prohibit the work applied for in your building permit. You must verify if your property is encumbered by any restrictions or face possible litigation and or fines.

✓ Brian Papka

Print Owners Name

[Signature]

Owners Signature

****Property owners must sign here before any permit will be issued.**

****If this is an Owner Builder Permit Application then, ONLY the owner can sign the building permit when it is issued.**

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

N/A

Contractor's License Number _____

Columbia County

Competency Card Number _____

Affirmed under penalty of perjury to by the Contractor and subscribed before me this ____ day of _____ 20__.

Personally known _____ or Produced Identification _____

SEAL:

State of Florida Notary Signature (For the Contractor)

SITE PLAN CHECKLIST

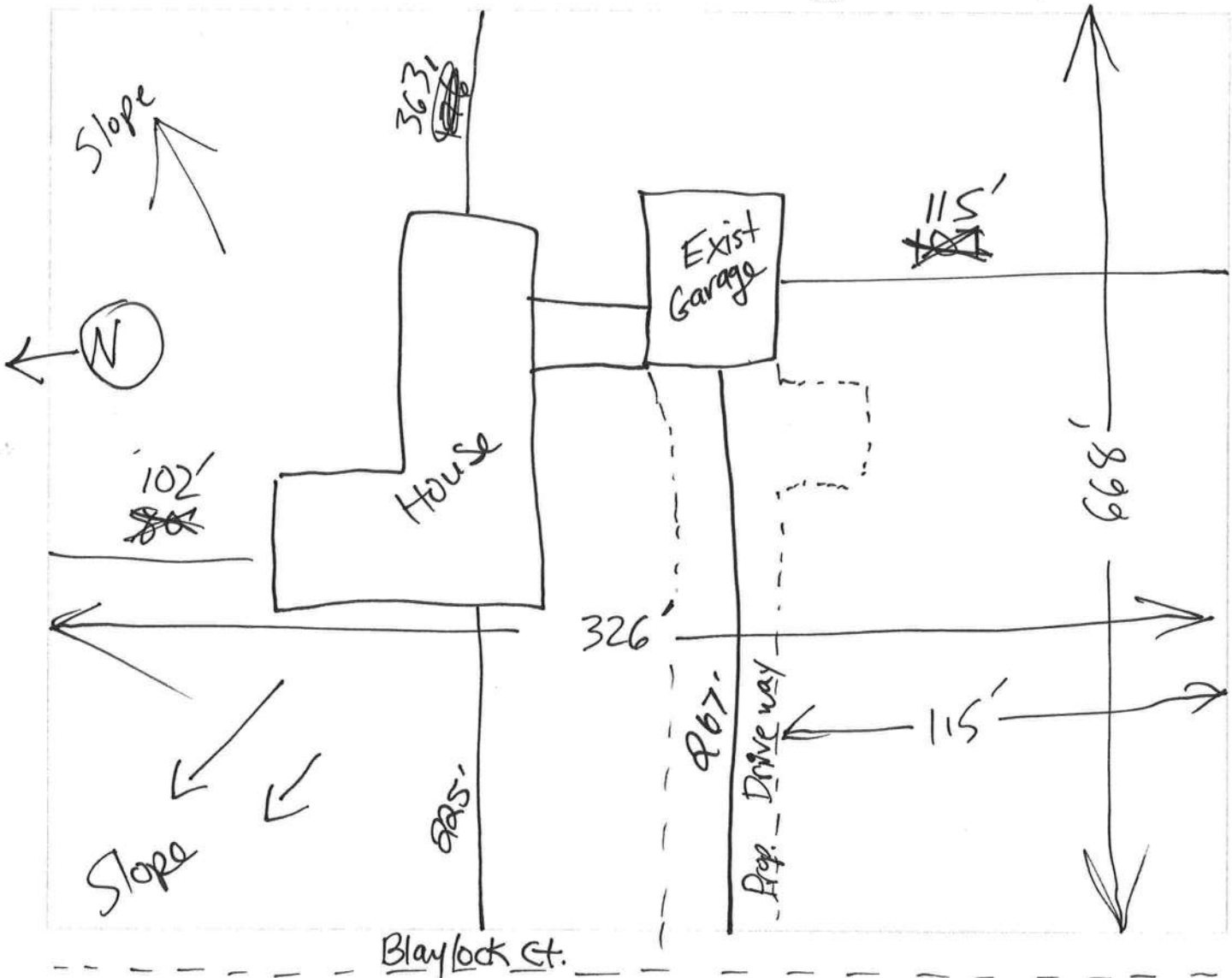
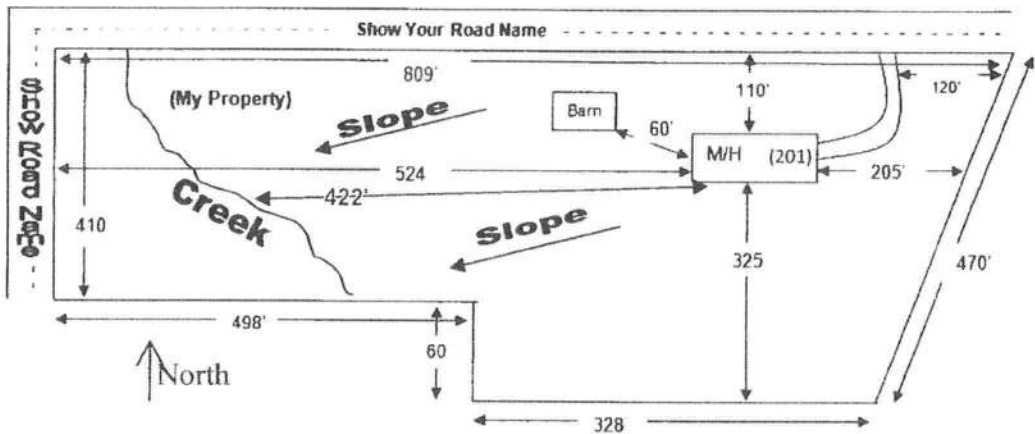
- ☒ 1) Property Dimensions
- ☒ 2) Footprint of proposed and existing structures (including decks), label these with existing addresses
- ☒ 3) Distance from structures to all property lines
- ☒ 4) Location and size of easements
- ☒ 5) Driveway path and distance at the entrance to the nearest property line
- ☒ 6) Location and distance from any waters; sink holes; wetlands; and etc.
- ☒ 7) Show slopes and or drainage paths
- ☒ 8) Arrow showing North direction

SITE PLAN EXAMPLE

Revised 7/1/15

NOTE:

This site plan can be copied and used with the 911 Addressing Dept. application forms.



NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

01-55-16-03401-010

Clerk's Office Stamp

Inst: 201712015527 Date: 08/17/2017 Time: 1:51PM
Page 1 of 1 B: 1342 P: 2182, P. DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

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.

- Description of property (legal description): 01-55-16 N1/2 Lot 8 Rivers Manor S/D Unit 2 Unrec.
a) Street (job) Address: 363 SW Blaylock Court Lake City FL 32024
- General description of improvements: New home construction
- Owner Information or Lessee information if the Lessee contracted for the improvements:
a) Name and address: Brian Papha 363 SW Blaylock Court Lake City FL
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property:
- Contractor Information
a) Name and address: ~~Owner~~ Build Brian Papha 363 SW Blaylock Ct.
b) Telephone No.: 386-965-8340
- Surety Information (if applicable, a copy of the payment bond is attached):
a) Name and address:
b) Amount of Bond: N/A
c) Telephone No.:
- Lender
a) Name and address:
b) Phone No.:
- Person within the State of Florida designated by Owner upon whom notices or other documents may be served as provided by Section 713.13(1)(a)7., Florida Statutes:
a) Name and address: Brian Papha 363 blaylock Court Lake City FL 32024
b) Telephone No.: 386-965-8340
- In addition to himself or herself, Owner designates the following person to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b), Florida Statutes:
a) Name: OF
b) Telephone No.:
- Expiration date of Notice of Commencement (the expiration date will be 1 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.

Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager

Brian Papha Owner
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 31 day of July, 2017, by:

Laura A. Willems as Notary for Brian Papha
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known ☒ OR Produced Identification Type

Notary Signature

Laura A. Willems

Notary Stamp



Laura A. Willems
Commission # GG001113
Expires: JUNE 12, 2020
Bonded thru Aaron Notary



COLUMBIA COUNTY BUILDING DEPARTMENT

135 NE Hernando Ave., Suite B-21

Lake City, FL 32055

Office: 386-758-1008 Fax: 386-758-2160

OWNER BUILDER DISCLOSURE STATEMENT

I understand that state law requires construction to be done by a licensed contractor and have applied for an owner-builder permit under an exemption from the law. The exemption specifies that I, as the owner of the property listed, may act as my own contractor with certain restrictions even though I do not have a license.

I understand that building permits are not required to be signed by a property owner unless he or she is responsible for the construction and is not hiring a licensed contractor to assume responsibility.

I understand that, as an owner-builder, I am the responsible party of record on a permit. I understand that I may protect myself from potential financial risk by hiring a licensed contractor and having the permit filed in his or her name instead of my own name. I also understand that a contractor is required by law to be licensed and bonded in Florida and to list his or her license numbers on permits and contracts.

I understand that I may build or improve a one-family or two-family residence or farm outbuilding. I may also build or improve a commercial building if the costs do not exceed \$75,000. The building or residence must be for my own use or occupancy. It may not be built or substantially improved for sale or lease. If a building or residence that I have built or substantially improved myself is sold or leased within 1 year after the construction is complete, the law will presume that I built or substantially improved it for sale or lease, which violates the exemption.

I understand that, as the owner-builder, I must provide direct, onsite supervision of the construction.

I understand that I may not hire an unlicensed person to act as my contractor or to supervise persons working on my building or residence. It is my responsibility to ensure that the persons whom I employ have the licenses required by law and by county or municipal ordinance.

I understand that it is frequent practice of unlicensed persons to have the property owner obtain an owner-builder permit that erroneously implies that the property owner is providing his or her own labor and materials. I, as an owner-builder, may be held liable and subjected to serious financial risk for any injuries sustained by an unlicensed person or his or her employees while working on my property. My homeowner's insurance may not provide coverage for those injuries. I am willfully acting as an owner-builder and am aware of the limits of my insurance coverage for injuries to workers on my property.

I understand that I may not delegate the responsibility for supervising work to a licensed contractor who is not licensed to perform the work being done. Any person working on my building who is not licensed must work under my direct supervision and must be employed by me, which means that I must comply with laws requiring the withholding of federal income tax and social security contributions under the Federal Insurance Contributions Act (FICA) and must provide workers' compensation for the employee. I understand that my failure to follow these laws may subject me to serious financial risk.

I agree that, as the party legally and financially responsible for this proposed construction activity, I will abide by all applicable laws and requirements that govern owner-builders as well as employers. I also understand that the construction must comply with all applicable laws, ordinances, building codes, and zoning regulations.

I understand that I may obtain more information regarding my obligations as an employer from the Internal Revenue Service, the United States Small Business Administration, the Florida Department of Financial Services, and the Florida Department of Revenue. I also understand that I may contact the Florida Construction Industry Licensing Board at 850-487-1395 or Internet website address <http://www.myfloridalicense.com/dbpr/> for more information about licensed contractors.

I am aware of, and consent to, an owner-builder building permit applied for in my name and understand that I am the party legally and financially responsible for the proposed construction activity at the following address:

363 SW Blaylock Court Lake City, FL 32024.

I agree to notify Columbia County Building Department immediately of any additions, deletions, or changes to any of the information that I have provided on this disclosure. Licensed contractors are regulated by laws designed to protect the public. If you contract with a person who does not have a license, the Construction Industry Licensing Board and Department of Business and Professional Regulation may be unable to assist you with any financial loss that you sustain as a result of a complaint. Your only remedy against an unlicensed contractor may be in civil court. It is also important for you to understand that, if an unlicensed contractor or employee of an individual or firm is injured while working on your property, you may be held liable for damages. If you obtain an owner-builder permit and wish to hire a licensed contractor, you will be responsible for verifying whether the contractor is properly licensed and the status of the contractor's workers' compensation coverage.

I understand that if I hire subcontractors they must be licensed for that type of work in Columbia County, ex: framing, stucco, masonry, and state registered builders. Registered Contractors must have a minimum of \$300,000.00 in General Liability insurance coverage and the proper workers' compensation. Specialty Contractors must have a minimum of \$100,000.00 in General Liability insurance coverage and the proper workers' compensation coverage.

Before a building permit can be issued, this disclosure statement must be completed and signed by the property owner and returned to Columbia County Building Department.

TYPE OF CONSTRUCTION

- ☒ Single Family Dwelling ☐ Two-Family Residence ☐ Farm Outbuilding
☐ Addition, Alteration, Modification or other Improvement
☐ Commercial, Cost of Construction _____ for construction of _____
☐ Other _____

I, Brian Papka, have been advised of the above disclosure statement for exemption from contractor licensing as an owner/builder. I agree to comply with all requirements provided for in Florida Statutes allowing this exception for the construction permitted by Columbia County Building Permit.

BP _____ Date 7.31.17
Owner Builder Signature

NOTARY OF OWNER BUILDER SIGNATURE

The above signer is personally known to me or produced identification personally known

Notary Signature Laura A. Williams Date 7.31.17

(Seal)
Bonder thru Aaron Notary
Expires: JUNE 12, 2020
Commission # GG001113
Laura A. Williams



FOR BUILDING DEPARTMENT USE ONLY

I hereby certify that the above listed owner builder has been given notice of the restriction stated above.

Building Official/Representative Dan G. Brown



COLUMBIA COUNTY

911 ADDRESSING / GIS DEPARTMENT

263 NW Lake City Ave., Lake City, FL 32055

Telephone: (386) 758-1125 x 1 * Fax: (386) 758-1365 * Email: gis@columbiacountyfla.com



Address Assignment and Maintenance Document

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

Date/Time Issued:	7/27/2017 4:36:37 PM
Address:	363 SW BLAYLOCK Ct
City:	LAKE CITY
State:	FL
Zip Code	32024

Pracel ID	03401-010
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REMARKS: Reissue of existing address for new structure on parcel.

Address Issued By:


Signed: / Ronal N. Croft

Columbia County GIS/911 Addressing Department

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

Columbia County Property Appraiser

updated: 6/6/2017

2016 Tax Year

Parcel: 01-5S-16-03401-010

<< Next Lower Parcel Next Higher Parcel >>

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

2016 TRIM (pdf)

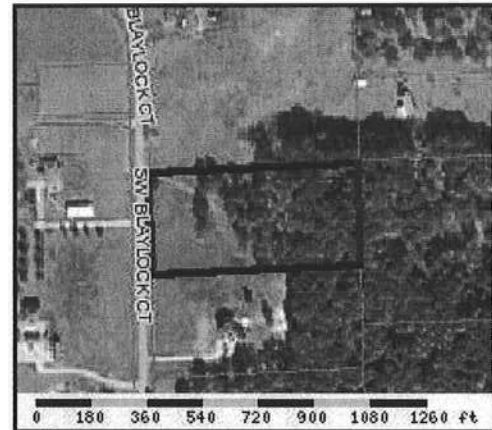
Interactive GIS Map

Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	RIMROCK DEVELOPMENT LLC		
Mailing Address	343 NW COLE TERR. SUITE 201 LAKE CITY, FL 32055		
Site Address	363 SW BLAYLOCK CT		
Use Desc. (code)	MOBILE HOM (000200)		
Tax District	3 (County)	Neighborhood	1516
Land Area	5.000 ACRES	Market Area	01
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. N1/2 LOT 8 RIVERS MANOR S/D UNIT 2 UNREC, BEING THE N1/2 OF THE FOLLOWING: COMM SW COR OF SE1/4 OF SE1/4, RUN E 644.80 FT TO SW COR LOT 1 RIVERS MANOR UNIT 1, RUN N 644.34 FT FOR POB, CONT N 649.27 FT, W 671.78 FT TO E R/W DAVIS LANE, S 649.27 FT, E 671.58 FT TO POB. ORB 800-2212, WD 1017-1826. SWD 1068-2678, CORR 1264-2444,		



Property & Assessment Values

2016 Certified Values		
Mkt Land Value	cnt: (0)	\$32,044.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$5,187.00
XFOB Value	cnt: (1)	\$50.00
Total Appraised Value		\$37,281.00
Just Value		\$37,281.00
Class Value		\$0.00
Assessed Value		\$37,281.00
Exempt Value		\$0.00
Total Taxable Value	Cnty: \$37,281 Other: \$37,281 Schl: \$37,281	

2017 Working Values <small>(...Hide Values)</small>		
Mkt Land Value	cnt: (0)	\$32,044.00
Ag Land Value	cnt: (2)	\$0.00
Building Value	cnt: (1)	\$4,507.00
XFOB Value	cnt: (1)	\$50.00
Total Appraised Value		\$36,601.00
Just Value		\$36,601.00
Class Value		\$0.00
Assessed Value		\$36,601.00
Exempt Value		\$0.00
Total Taxable Value	Cnty: \$36,601 Other: \$36,601 Schl: \$36,601	

NOTE: 2017 Working Values are NOT certified values and therefore are subject to change before being finalized for ad valorem assessment purposes.

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
11/13/2013	1264/2444	WD	I	U	11	\$0.00
12/14/2005	1068/2678	WD	I	U	01	\$100.00
6/5/2004	1017/1826	WD	I	Q		\$53,000.00
1/23/1995	800/2212	WD	V	Q		\$14,600.00

Building Characteristics

Bldg Item	Bldg Desc	Year Blt	Ext. Walls	Heated S.F.	Actual S.F.	Bldg Value
1	MOBILE HME (000800)	1995	(31)	784	904	\$4,507.00

ПАРКА

Ref: F.S. 440.103; ORD. 2016-30

Columbia County Property Appraiser

Jeff Hampton

2016 Tax Roll Year

updated: 6/6/2017

Parcel: << 01-5S-16-03401-010 >>

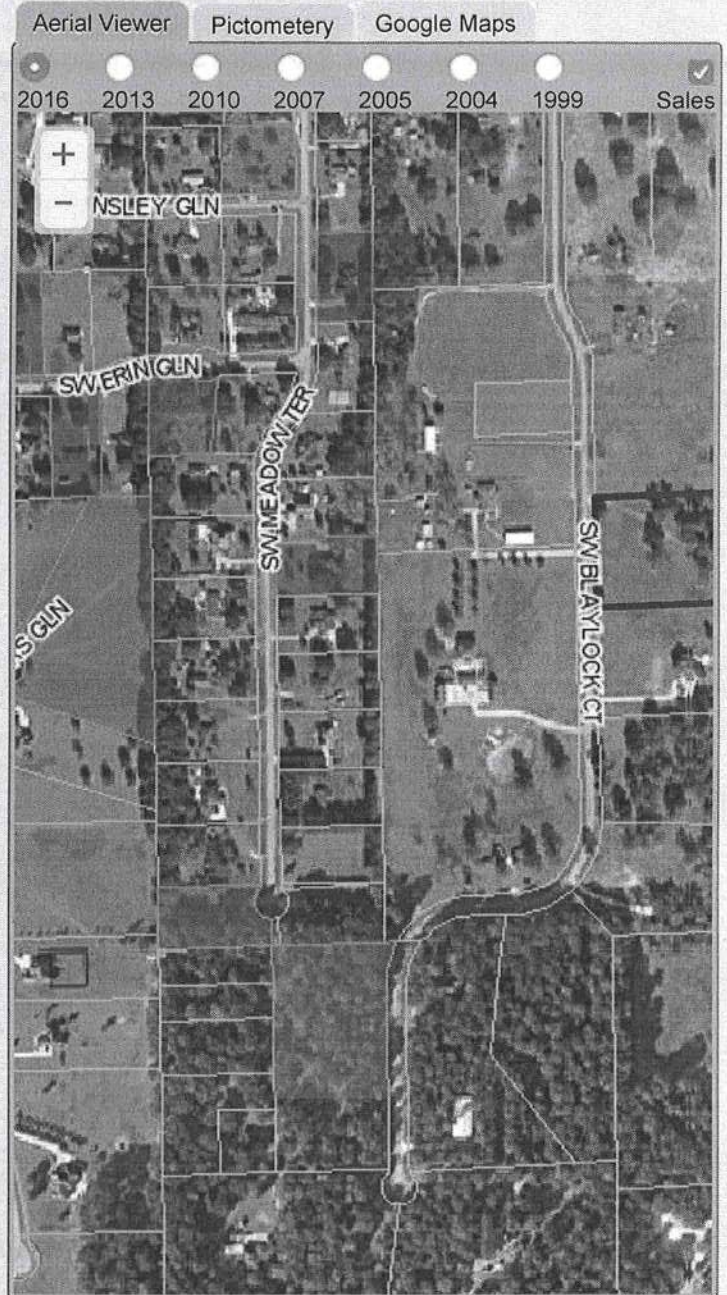
Owner & Property Info

Owner	RIMROCK DEVELOPMENT LLC 343 NW COLE TERR. SUITE 201 LAKE CITY, FL 32055		
Site	363 BLAYLOCK CT, LAKE CITY		
Description *	N1/2 LOT 8 RIVERS MANOR S/D UNIT 2 UNREC, BEING THE N1/2 OF THE FOLLOWING: COMM SW COR OF SE1/4 OF SE1/4, RUN E 644.80 FT TO SW COR LOT 1 RIVERS MANOR UNIT 1, RUN N 644.34 FT FOR POB, CONT N 649.27 FT, W 671.78 FT TO E RW DAVIS LANE, S 649.27 FT, E 671.5 ...more>>>		
Area	5 AC	S/T/R	01-5S-16
Use Code *	MOBILE HOM (000200)	Tax District	3

* The Description above is not to be used as the Legal Description for this parcel in any legal transaction. The Use Code is a FL Dept. of Revenue (DOR) code. Please contact the Columbia County Planning & Development office for specific zoning information.

Property & Assessment Values

2016 Certified Values		2017 Working Values	
Mkt Land (2)	\$32,044	Mkt Land (2)	\$32,044
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (1)	\$5,187	Building (1)	\$4,507
XFOB (1)	\$50	XFOB (1)	\$50
Just	\$37,281	Just	\$36,601
Class	\$0	Class	\$0
Appraised	\$37,281	Appraised	\$36,601
Exempt	\$0	Exempt	\$0
Assessed	\$37,281	Assessed	\$36,601
Total Taxable	county:\$37,281 city:\$37,281 other:\$37,281 school:\$37,281	Total Taxable	county:\$36,601 city:\$36,601 other:\$36,601 school:\$36,601

**Sales History**

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
11/13/2013	\$0	1264/2444	WD	I	U	11
12/14/2005	\$100	1068/2678	WD	I	U	01
6/5/2004	\$53,000	1017/1826	WD	I	Q	
1/23/1995	\$14,600	800/2212	WD	V	Q	

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc	Year Blt	Base SF	Actual SF	Bldg Value
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Sketch	1	MOBILE HME (000800)	1995	784	904	\$4,507
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Extra Features & Out Buildings - (Show Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0040	BARN,POLE	2009	\$50.00	1.000	0 x 0 x 0	(000.00)

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000200	MBL HM (MKT)	5.000 AC	1.00/1.00 1.00/1.00	\$6,009	\$30,044
009945	WELL/SEPT (MKT)	1.000 UT - (0.000 AC)	1.00/1.00 1.00/1.00	\$2,000	\$2,000



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

880 228 738 857

PERMIT NO. 17-0543
DATE PAID: 8/15/17
FEE PAID: 425.00
RECEIPT #: 1203027

APPLICATION FOR:

☒ New System ☐ Existing System ☐ Holding Tank ☐ Innovative
☐ Repair ☐ Abandonment ☐ Temporary ☐

APPLICANT: Brian Papka / Rimrock

AGENT:

TELEPHONE: 386-965-8346

MAILING ADDRESS: 363 SW Blaylock Ct. Lake City, FL 32024

TO BE COMPLETED BY APPLICANT OR APPLICANT'S AUTHORIZED AGENT. SYSTEMS MUST BE CONSTRUCTED BY A PERSON LICENSED PURSUANT TO 489.105(3) (m) OR 489.552, FLORIDA STATUTES. IT IS THE APPLICANT'S RESPONSIBILITY TO PROVIDE DOCUMENTATION OF THE DATE THE LOT WAS CREATED OR PLATTED (MM/DD/YY) IF REQUESTING CONSIDERATION OF STATUTORY GRANDFATHER PROVISIONS.

PROPERTY INFORMATION

LOT: 8 BLOCK: SUBDIVISION: Rivers Manor U2 PLATTED: 3/2/89

PROPERTY ID #: 01-55-16-03401-010 ZONING: Res I/M OR EQUIVALENT: ☐ Y ☒ N

PROPERTY SIZE: 5 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤ 2000 GPD ☐ > 2000 GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ Y ☒ N DISTANCE TO SEWER: 1000+ FT

PROPERTY ADDRESS: 363 SW Blaylock Ct. Lake City, FL 32024

DIRECTIONS TO PROPERTY: Hwy 47 S To Walter little rd, make left on Walter Little go 1/4 mile and make 1st left on Little rd. follow little rd. until you come to Blaylock Ct on the right approx 2 mi. property is on left.

BUILDING INFORMATION

☒ RESIDENTIAL ☐ COMMERCIAL

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>Single Family</u>	<u>4</u>	<u>3164</u>	
2				
3				
4				

☐ Floor/Equipment Drains ☐ Other (Specify)

SIGNATURE: BP

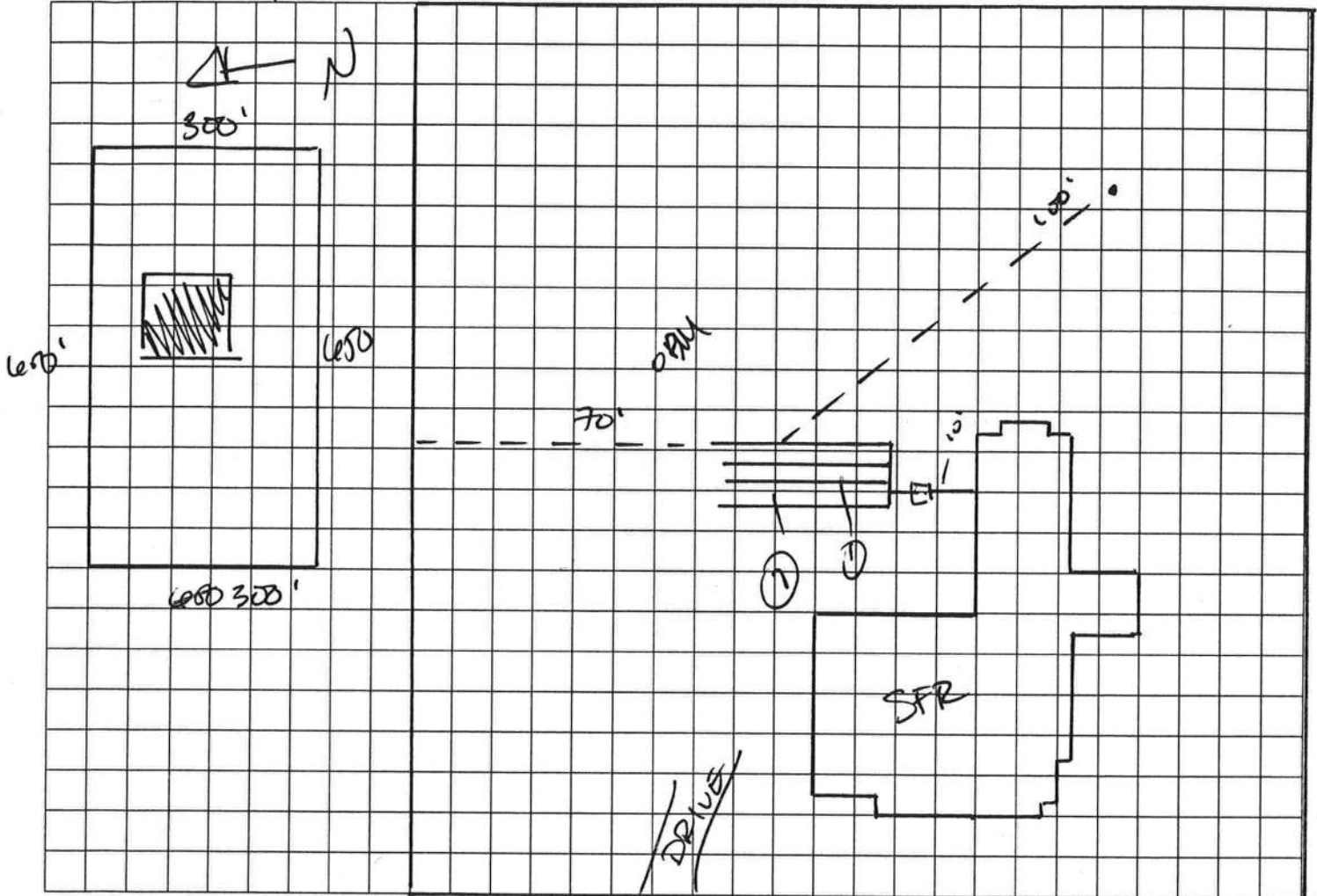
DATE:

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT

Permit Application Number 17 0543

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

Scale: Each block represents 10 feet and 1 inch = 40 feet.



Notes: _____

Site Plan submitted by: Ben Papp

Plan Approved _____ Not Approved _____ Date 8/21/17
By [Signature] Celina County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

New Construction Subterranean Termite Service Record

OMB Approval No. 2502-0525
(exp. 05/30/2018)

This form is completed by the licensed Pest Control Company.

Public reporting burden for this collection of information is estimated to average 15 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. This information is required to obtain benefits. HUD may not collect this information, and you are not required to complete this form, unless it displays a currently valid OMB control number.

Section 24 CFR 200.926d(b)(3) requires that the sites for HUD insured structures must be free of termite hazards. This information collection requires the builder to certify that an authorized Pest Control company performed all required treatment for termites, and that the builder guarantees the treated area against infestation for one year. Builders, pest control companies, mortgage lenders, homebuyers, and HUD as a record of treatment for specific homes will use the information collected. The information is not considered confidential, therefore, no assurance of confidentiality is provided.

This report is submitted for informational purposes to the builder on proposed (new) construction cases when treatment for prevention of subterranean termite infestation is specified by the builder, architect, or required by the lender, architect, FHA, or VA.

All contracts for services are between the Pest Control Company and builder, unless stated otherwise.

#35711

Section 1: General Information (Pest Control Company Information)

Company Name Aspen Pest Control, Inc.
Company Address P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB182948 Company Phone No. 386-755-3611
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name Brian Papka Phone No. 965-8340

Section 3: Property Information

Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) Brian Papka
363 SW Blaylock Court
Lake City, FL 32024

Section 4: Service Information

Date(s) of Service(s) 9-6-2017
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____

Check all that apply:

- ☒ A. Soil Applied Liquid Termiticide
Brand Name of Termiticide: Dominion 2L EPA Registration No. 53883-229
Approx. Dilution (%): 0.5 Approx. Total Gallons Mix Applied: 530 Treatment completed on exterior: ☐ Yes ☒ No
- ☐ B. Wood Applied Liquid Termiticide
Brand Name of Termiticide: _____ EPA Registration No. _____
Approx. Dilution (%): _____ Approx. Total Gallons Mix Applied: _____
- ☐ C. Bait System Installed
Name of System _____ EPA Registration No. _____ Number of Stations Installed _____
- ☐ D. Physical Barrier System Installed
Name of System _____ Attach installation information (required) _____

Service Agreement Available? ☒ Yes ☐ No

Note: Some state laws require service agreements to be issued. This form does not preempt state law.

Attachments (List) _____

Comments _____

Name of Applicator(s) C. Lacey Certification No. (if required by State law) JF104376

The applicator has used a product in accordance with the product label and state requirements. All materials and methods used comply with state and federal regulations.

Authorized Signature [Signature] Date 9-6-2017

Warning: HUD will prosecute false claims and statements. Conviction may result in criminal and/or civil penalties. (18 U.S.C. 1001, 1010, 1012; 31 U.S.C. 3729, 3802)


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION


Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Papka Res Street: N1/2 Lot 8, Rivers Manor_SW Blaylock Ct City, State, Zip: Lake City, FL, 32024 Owner: Brian & Brittany Papka Design Location: FL, Gainesville	Builder Name: N/A Permit Office: Columbia County Permit Number: Jurisdiction: County: Columbia (Florida Climate Zone 2)
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<table style="width:100%;"> <tr> <td style="width:30%;">1. New construction or existing</td> <td style="width:30%;">New (From Plans)</td> <td style="width:40%;"></td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> <td></td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> <td></td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>4</td> <td></td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> <td></td> </tr> <tr> <td>6. Conditioned floor area above grade (ft²)</td> <td>3164</td> <td></td> </tr> <tr> <td>Conditioned floor area below grade (ft²)</td> <td>0</td> <td></td> </tr> <tr> <td>7. Windows (619.5 sqft.)</td> <td>Description</td> <td>Area</td> </tr> <tr> <td>a. U-Factor:</td> <td>Dbl, U=0.36</td> <td>619.50 ft²</td> </tr> <tr> <td>SHGC:</td> <td>SHGC=0.25</td> <td></td> </tr> <tr> <td>b. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>c. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>d. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td>SHGC:</td> <td></td> <td></td> </tr> <tr> <td>Area Weighted Average Overhang Depth:</td> <td>5.555 ft.</td> <td></td> </tr> <tr> <td>Area Weighted Average SHGC:</td> <td>0.250</td> <td></td> </tr> <tr> <td>8. Floor Types (3164.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Slab-On-Grade Edge Insulation</td> <td>R=0.0</td> <td>2298.00 ft²</td> </tr> <tr> <td>b. Floor Over Other Space</td> <td>R=19.0</td> <td>866.00 ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </table>	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?	No		6. Conditioned floor area above grade (ft²)	3164		Conditioned floor area below grade (ft²)	0		7. Windows (619.5 sqft.)	Description	Area	a. U-Factor:	Dbl, U=0.36	619.50 ft²	SHGC:	SHGC=0.25		b. U-Factor:	N/A	ft²	SHGC:			c. U-Factor:	N/A	ft²	SHGC:			d. U-Factor:	N/A	ft²	SHGC:			Area Weighted Average Overhang Depth:	5.555 ft.		Area Weighted Average SHGC:	0.250		8. Floor Types (3164.0 sqft.)	Insulation	Area	a. Slab-On-Grade Edge Insulation	R=0.0	2298.00 ft²	b. Floor Over Other Space	R=19.0	866.00 ft²	c. N/A	R=	ft²	<table style="width:100%;"> <tr> <td style="width:30%;">9. Wall Types (4371.2 sqft.)</td> <td style="width:30%;">Insulation</td> <td style="width:40%;">Area</td> </tr> <tr> <td>a. Frame - Wood, Exterior</td> <td>R=19.0</td> <td>4371.20 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>d. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>10. Ceiling Types (1860.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td>a. Under Attic (Vented)</td> <td>R=38.0</td> <td>1860.00 ft²</td> </tr> <tr> <td>b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>11. Ducts</td> <td></td> <td>R ft²</td> </tr> <tr> <td>a. Sup: Attic, Ret: Attic, AH: 2nd Floor</td> <td></td> <td>6 791</td> </tr> <tr> <td>12. Cooling systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Central Unit</td> <td>42.7</td> <td>SEER:14.00</td> </tr> <tr> <td>13. Heating systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td>a. Electric Heat Pump</td> <td>56.2</td> <td>HSPF:8.20</td> </tr> <tr> <td>14. Hot water systems</td> <td></td> <td>Cap: 50 gallons</td> </tr> <tr> <td>a. Electric</td> <td></td> <td>EF: 0.920</td> </tr> <tr> <td>b. Conservation features</td> <td>None</td> <td></td> </tr> <tr> <td>15. Credits</td> <td></td> <td>CV, Pstat</td> </tr> </table>	9. Wall Types (4371.2 sqft.)	Insulation	Area	a. Frame - Wood, Exterior	R=19.0	4371.20 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	d. N/A	R=	ft²	10. Ceiling Types (1860.0 sqft.)	Insulation	Area	a. Under Attic (Vented)	R=38.0	1860.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	11. Ducts		R ft²	a. Sup: Attic, Ret: Attic, AH: 2nd Floor		6 791	12. Cooling systems	kBtu/hr	Efficiency	a. Central Unit	42.7	SEER:14.00	13. Heating systems	kBtu/hr	Efficiency	a. Electric Heat Pump	56.2	HSPF:8.20	14. Hot water systems		Cap: 50 gallons	a. Electric		EF: 0.920	b. Conservation features	None		15. Credits		CV, Pstat
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Glass/Floor Area: 0.196	Total Proposed Modified Loads: 82.48	PASS
	Total Baseline Loads: 90.98	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY: <u></u> DATE: _____ I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____
---	---



- Compliance requires certification by the air handler unit manufacturer that the air handler enclosure qualifies as certified factory-sealed in accordance with R403.2.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and an envelope leakage test report in accordance with R402.4.1.2.

PROJECT

Title:	Papka Res	Bedrooms:	4	Address Type:	Street Address
Building Type:	User	Conditioned Area:	3164	Lot #	
Owner:	Brian & Brittany Papka	Total Stories:	2	Block/SubDivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	N/A	Rotate Angle:	0	Street:	N1/2 Lot 8, Rivers Mano
Permit Office:	Columbia County	Cross Ventilation:	Yes	County:	Columbia
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	Lake City , FL , 32024
Family Type:	Single-family				
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	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	3164	30774

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	1st Floor	2298	22980	Yes	3	2	1	Yes	Yes	Yes
2	2nd Floor	866	7794	No	4	2	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	1st Floor	283 ft	0	2298 ft²	----	0	0	1
_____	2	Floor Over Other Space	2nd Floor	----	----	866 ft²	19	0	0	1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	2762 ft²	766 ft²	Medium	0.96	No	0.9	No	0	33.7

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2298 ft²	Y	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	1st Floor	38	Double Batt	951 ft²	0.11	Wood
✓	2	Under Attic (Vented)	2nd Floor	38	Double Batt	909 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
✓	1	S	Exterior	Frame - Wood	1st Floor	19	10	8	10		106.7 ft²		0.23	0.75	0
✓	2	W	Exterior	Frame - Wood	1st Floor	19	12		10		120.0 ft²		0.23	0.75	0
✓	3	S	Exterior	Frame - Wood	1st Floor	19	15	4	10		153.3 ft²		0.23	0.75	0
✓	4	W	Exterior	Frame - Wood	1st Floor	19	10	8	10		106.7 ft²		0.23	0.75	0
✓	5	S	Exterior	Frame - Wood	1st Floor	19	16		10		160.0 ft²		0.23	0.75	0
✓	6	E	Exterior	Frame - Wood	1st Floor	19	38	10	10		388.3 ft²		0.23	0.75	0
✓	7	S	Exterior	Frame - Wood	1st Floor	19	12		10		120.0 ft²		0.23	0.75	0
✓	8	E	Exterior	Frame - Wood	1st Floor	19	14		10		140.0 ft²		0.23	0.75	0
✓	9	N	Exterior	Frame - Wood	1st Floor	19	12		10		120.0 ft²		0.23	0.75	0
✓	10	E	Exterior	Frame - Wood	1st Floor	19	34	9	10		347.5 ft²		0.23	0.75	0
✓	11	N	Exterior	Frame - Wood	1st Floor	19	17		10		170.0 ft²		0.23	0.75	0
✓	12	W	Exterior	Frame - Wood	1st Floor	19	44	8	10		446.7 ft²		0.23	0.75	0
✓	13	N	Exterior	Frame - Wood	1st Floor	19	25		10		250.0 ft²		0.23	0.75	0
✓	14	W	Exterior	Frame - Wood	1st Floor	19	20		10		200.0 ft²		0.23	0.75	0
✓	15	S	Exterior	Frame - Wood	2nd Floor	19	10	8	9		96.0 ft²		0.23	0.75	0
✓	16	W	Exterior	Frame - Wood	2nd Floor	19	12		9		108.0 ft²		0.23	0.75	0
✓	17	S	Exterior	Frame - Wood	2nd Floor	19	15	4	9		138.0 ft²		0.23	0.75	0
✓	18	W	Exterior	Frame - Wood	2nd Floor	19	10	8	9		96.0 ft²		0.23	0.75	0
✓	19	S	Exterior	Frame - Wood	2nd Floor	19	18		9		162.0 ft²		0.23	0.75	0
✓	20	E	Exterior	Frame - Wood	2nd Floor	19	42	8	9		384.0 ft²		0.23	0.75	0
✓	21	N	Exterior	Frame - Wood	2nd Floor	19	42		9		378.0 ft²		0.23	0.75	0
✓	22	W	Exterior	Frame - Wood	2nd Floor	19	20		9		180.0 ft²		0.23	0.75	0

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	E	Insulated	1st Floor	None	.46	3		6	8	20 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	S	1	Vinyl	Low-E Double	Yes	0.36	0.25	40.0 ft²	9 ft 6 in	1 ft 0 in	None	None
✓	2	S	3	Vinyl	Low-E Double	Yes	0.36	0.25	40.0 ft²	9 ft 6 in	1 ft 0 in	None	None
✓	3	S	5	Vinyl	Low-E Double	Yes	0.36	0.25	18.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	4	S	5	Vinyl	Low-E Double	Yes	0.36	0.25	30.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	5	E	6	Vinyl	Low-E Double	Yes	0.36	0.25	12.5 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	6	E	6	Vinyl	Low-E Double	Yes	0.36	0.25	20.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	7	S	7	Vinyl	Low-E Double	Yes	0.36	0.25	30.0 ft²	1 ft 6 in	1 ft 0 in	None	None

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang Depth	Separation	Int Shade	Screening
✓	8	E	10	Vinyl	Low-E Double	Yes	0.36	0.25	36.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	9	E	10	Vinyl	Low-E Double	Yes	0.36	0.25	12.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	10	N	11	Vinyl	Low-E Double	Yes	0.36	0.25	24.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	11	W	12	Vinyl	Low-E Double	Yes	0.36	0.25	12.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	12	W	12	Vinyl	Low-E Double	Yes	0.36	0.25	36.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	13	N	13	Vinyl	Low-E Double	Yes	0.36	0.25	120.0 ft²	13 ft 6 in	1 ft 0 in	None	None
✓	14	W	14	Vinyl	Low-E Double	Yes	0.36	0.25	36.0 ft²	13 ft 6 in	1 ft 0 in	None	None
✓	15	S	15	Vinyl	Low-E Double	Yes	0.36	0.25	18.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	16	S	17	Vinyl	Low-E Double	Yes	0.36	0.25	32.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	17	S	19	Vinyl	Low-E Double	Yes	0.36	0.25	16.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	18	E	20	Vinyl	Low-E Double	Yes	0.36	0.25	27.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	19	N	21	Vinyl	Low-E Double	Yes	0.36	0.25	15.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	20	N	21	Vinyl	Low-E Double	Yes	0.36	0.25	27.0 ft²	1 ft 6 in	1 ft 0 in	None	None
✓	21	W	22	Vinyl	Low-E Double	Yes	0.36	0.25	18.0 ft²	1 ft 6 in	1 ft 0 in	None	None

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000309	2564.5	140.79	264.77	.2929	5

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump	None	HSPF:8.2	56.17 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit	None	SEER: 14	42.74 kBtu/hr	1290 cfm	0.7	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Electric	None	2nd Floor	0.92	50 gal	40 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

✓	#	Location	Supply R-Value	Area	Location	Return Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
	1	Attic	6	791 ft ²	Attic	158.2 ft ²	Default Leakage	2nd Floor	(Default)	c(Default)	c		1	1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

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

Thermostat Schedule: HERS 2006 Reference

Hours

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	80	80	80	80
	PM	80	80	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	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 91

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

N1/2 Lot 8, Rivers Manor_SW Blaylock Ct, Lake City, FL, 32024

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Frame - Wood, Exterior	R=19.0	4371.20 ft ²
3. Number of units, if multiple family	1		b. N/A	R=	ft ²
4. Number of Bedrooms	4		c. N/A	R=	ft ²
5. Is this a worst case?	No		d. N/A	R=	ft ²
6. Conditioned floor area (ft ²)	3164		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=38.0	1860.00 ft ²
a. U-Factor:	Dbl, U=0.36	619.50 ft ²	b. N/A	R=	ft ²
SHGC:	SHGC=0.25		c. N/A	R=	ft ²
b. U-Factor:	N/A	ft ²	11. Ducts		R ft ²
SHGC:			a. Sup: Attic, Ret: Attic, AH: 2nd Floor		6 791
c. U-Factor:	N/A	ft ²	12. Cooling systems	kBtu/hr	Efficiency
SHGC:			a. Central Unit	42.7	SEER:14.00
d. U-Factor:	N/A	ft ²	13. Heating systems	kBtu/hr	Efficiency
SHGC:			a. Electric Heat Pump	56.2	HSPF:8.20
Area Weighted Average Overhang Depth:		5.555 ft.	14. Hot water systems		Cap: 50 gallons
Area Weighted Average SHGC:		0.250	a. Electric		EF: 0.92
8. Floor Types	Insulation	Area	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	2298.00 ft ²	None		
b. Floor Over Other Space	R=19.0	866.00 ft ²	15. Credits		CV, Pstat
c. N/A	R=	ft ²			

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: This is not a Building Energy Rating. If your Index is below 70, your home may qualify for energy efficient mortgage (EEM) incentives if you obtain a Florida EnergyGauge Rating. Contact the EnergyGauge Hotline at (321) 638-1492 or see the EnergyGauge web site at energygauge.com for information and a list of certified Raters. For information about the Florida Building Code, Energy Conservation, contact the Florida Building Commission's support staff.

**Label required by Section R303.1.3 of the Florida Building Code, Energy Conservation, if not DEFAULT.



COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2014 EFFECTIVE 1 JULY 2015 AND THE NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. 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 FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 12/2016

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

Items to Include-
Each Box shall be
Marked as
Applicable

			Select From the Dropdown		
1	Two (2) complete sets of plans containing the following:		-	<input checked="" type="checkbox"/>	
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		-	<input checked="" type="checkbox"/>	
3	Condition space (Sq. Ft.)	Total (Sq. Ft.) under roof	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> NO	<input type="checkbox"/> N/A

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	-	<input type="text"/>
5	Dimensions of all building set backs	-	<input type="text"/>
6	Location of all other structures (include square footage of structures) on parcel, existing or proposed well and septic tank and all utility easements.	-	<input type="text"/>
7	Provide a full legal description of property.	-	<input type="text"/>

Wind-load Engineering Summary, calculations and any details are required.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL			Items to Include- Each Box shall be Marked as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3		YES	NO	N/A
			Select From the Dropdown		
9	Basic wind speed (3-second gust), miles per hour		-	<input type="text"/>	
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)		-	<input type="text"/>	
11	Wind importance factor and nature of occupancy		-	<input type="text"/>	
12	The applicable internal pressure coefficient, Components and Cladding		-	<input type="text"/>	
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.		-	<input type="text"/>	

Elevations Drawing including:

14	All side views of the structure	-	<input checked="" type="checkbox"/>	
15	Roof pitch	-	<input checked="" type="checkbox"/>	
16	Overhang dimensions and detail with attic ventilation	-	<input checked="" type="checkbox"/>	
17	Location, size and height above roof of chimneys	-	<input checked="" type="checkbox"/>	
18	Location and size of skylights with Florida Product Approval	-	NA	
18	Number of stories	-	<input checked="" type="checkbox"/>	
20A	Building height from the established grade to the roofs highest peak	-	<input checked="" type="checkbox"/>	

Floor Plan including:

20	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	- <input checked="" type="checkbox"/>
21	Raised floor surfaces located more than 30 inches above the floor or grade	- <input checked="" type="checkbox"/>
22	All exterior and interior shear walls indicated	- <input checked="" type="checkbox"/>
23	Shear wall opening shown (Windows, Doors and Garage doors)	- <input checked="" type="checkbox"/>
24	Show compliance with Section FBCR 310 Emergency escape and rescue opening shown in each bedroom (net clear opening shown) and Show compliance with Section FBC 1405.13.2 where the opening of an operable window is located more than 72 inches above the finished grade or surface below, the lowest part of the clear opening of the window shall be a minimum of 24 inches above the finished floor of the room in which the window is located. Glazing between the floor and 24 inches shall be fixed or have openings through which a 4-inch-diameter sphere cannot pass.	- <input checked="" type="checkbox"/>
25	Safety glazing of glass where needed	- <input checked="" type="checkbox"/>
26	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	- <input checked="" type="checkbox"/>
27	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	- <input checked="" type="checkbox"/>
28	Identify accessibility of bathroom (see FBCR SECTION 320)	- <input type="checkbox"/>

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 plans (see Florida product approval form)

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

FBCR 403: Foundation Plans

Select From the Dropdown

29	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	- <input checked="" type="checkbox"/>
30	All posts and/or column footing including size and reinforcing	- <input checked="" type="checkbox"/>
31	Any special support required by soil analysis such as piling.	- <input checked="" type="checkbox"/>
32	Assumed load-bearing value of soil _____ Pound Per Square Foot	- <input checked="" type="checkbox"/>
33	Location of horizontal and vertical steel, for foundation or walls (include # size and type) For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an grounding electrode system. Per the National Electrical Code article 250.52.3	- <input checked="" type="checkbox"/>

FBCR 506: CONCRETE SLAB ON GRADE

34	Show Vapor retarder (6mil. Polyethylene with joints lapped 6 inches and sealed)	- <input checked="" type="checkbox"/>
35	Show control joints, synthetic fiber reinforcement or welded fire fabric reinforcement and Supports	- <input checked="" type="checkbox"/>

FBCR 318: 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	- <input checked="" type="checkbox"/>
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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	- <input checked="" type="checkbox"/>
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	- <input checked="" type="checkbox"/>

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	- <input type="checkbox"/>
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40	Show conventional floor joist type, size, span, spacing and attachment to load bearing walls, stem walls and/or piers	- <input checked="" type="checkbox"/>
41	Girder type, size and spacing to load bearing walls, stem wall and/or piers	- <input checked="" type="checkbox"/>
42	Attachment of joist to girder	- <input checked="" type="checkbox"/>
43	Wind load requirements where applicable	- <input checked="" type="checkbox"/>
44	Show required under-floor crawl space	- <input checked="" type="checkbox"/>
45	Show required amount of ventilation opening for under-floor spaces	- <input checked="" type="checkbox"/>
46	Show required covering of ventilation opening	- <input checked="" type="checkbox"/>
47	Show the required access opening to access to under-floor spaces	- <input checked="" type="checkbox"/>
48	Show the sub-floor structural panel sheathing type, thickness and fastener schedule on the edges & intermediate of the areas structural panel sheathing	- <input checked="" type="checkbox"/>
49	Show Draftstopping, Fire caulking and Fire blocking	- <input checked="" type="checkbox"/>
50	Show fireproofing requirements for garages attached to living spaces, per FBCR section 302.6	- <input checked="" type="checkbox"/>
51	Provide live and dead load rating of floor framing systems (psf).	- <input checked="" type="checkbox"/>

YES / NO / N/A

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Marked as Applicable
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Select From the Dropdown

52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	- <input checked="" type="checkbox"/>
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	- <input checked="" type="checkbox"/>
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	- <input checked="" type="checkbox"/>
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	- <input checked="" type="checkbox"/>
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	- <input checked="" type="checkbox"/>
57	Indicate where pressure treated wood will be placed	- <input checked="" type="checkbox"/>
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	- <input checked="" type="checkbox"/>
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	- <input checked="" type="checkbox"/>

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.6.1 Wood trusses	- <input checked="" type="checkbox"/>
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	- <input checked="" type="checkbox"/>
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	- <input checked="" type="checkbox"/>
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	- <input checked="" type="checkbox"/>
64	Provide dead load rating of trusses	- <input checked="" type="checkbox"/>

FBCR 802:Conventional Roof Framing Layout

65	Rafter and ridge beams sizes, span, species and spacing	- <input checked="" type="checkbox"/>
66	Connectors to wall assemblies' include assemblies' resistance to uplift rating	- <input checked="" type="checkbox"/>
67	Valley framing and support details	- <input checked="" type="checkbox"/>
68	Provide dead load rating of rafter system	- <input checked="" type="checkbox"/>

FBCR 803 ROOF SHEATHING

69	Include all materials which will make up the roof decking, identification of structural panel sheathing, grade, thickness	- <input checked="" type="checkbox"/>
70	Show fastener Size and schedule for structural panel sheathing on the edges & intermediate areas	- <input checked="" type="checkbox"/>

ROOF ASSEMBLIES FRC Chapter 9

71	Include all materials which will make up the roof assembles covering	- <input checked="" type="checkbox"/>
72	Submit Florida Product Approval numbers for each component of the roof assembles covering	- <input checked="" type="checkbox"/>

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, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

YES / NO / N/A

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Marked as Applicable
Select From the Dropdown		
73	Show the insulation R value for the following areas of the structure	- <input type="checkbox"/>
74	Attic space	- <input checked="" type="checkbox"/>
75	Exterior wall cavity	- <input checked="" type="checkbox"/>
76	Crawl space	- <input checked="" type="checkbox"/>

HVAC information

77	Submit two copies of a Manual J sizing equipment or equivalent computation study	- <input checked="" type="checkbox"/>
78	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	- <input checked="" type="checkbox"/>
79	Show clothes dryer route and total run of exhaust duct	- <input type="checkbox"/>

Plumbing Fixture layout shown

80	All fixtures waste water lines shall be shown on the foundation plan	- <input type="checkbox"/>
81	Show the location of water heater	- <input checked="" type="checkbox"/>

Private Potable Water

82	Pump motor horse power	- <input type="checkbox"/>
83	Reservoir pressure tank gallon capacity	- <input type="checkbox"/>
84	Rating of cycle stop valve if used	- <input type="checkbox"/>

Electrical layout shown including

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	- <input checked="" type="checkbox"/>
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A	- <input type="checkbox"/>
87	Show the location of smoke detectors & Carbon monoxide detectors	- <input type="checkbox"/>
88	Show service panel, sub-panel, location(s) and total ampere ratings	- <input checked="" type="checkbox"/>
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. For structures with foundation which establish new electrical utility companies service connection a Concrete Encased Electrode will be required within the foundation to serve as an Grounding electrode system. Per the National Electrical Code article 250.52.3	- <input type="checkbox"/>
90	Appliances and HVAC equipment and disconnects	- <input type="checkbox"/>
91	Show all 120-volt, single phase, 15- and 20-ampere branch circuits supplying outlets installed in dwelling unit family rooms, dining rooms, living rooms, parlors, libraries, dens, bedrooms, sunrooms, recreation rooms, closets, hallways, or similar rooms or areas shall be protected by a listed Combination arc-fault circuit interrupter , Protection device.	- <input type="checkbox"/>

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 is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee. The completed application with attached documents and application fee can be mailed.	NO		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	NO		
94	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.	NO		
***	BELOW ITEMS ONLY NEEDED AFTER ZONING APPROVAL HAS GIVEN.	****	***	***
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	NO		
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	NO		
97	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	NO		
98	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.			
99	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00			
100	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. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	NO		
101	911 Address: An 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.	NO		

TOILET FACILITIES SHALL BE PROVIDED FOR ALL CONSTRUCTION SITES. NO

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.

Section R101.2.1 of the Florida Building Code Residential:

The provisions of Chapter 1, Florida Building Code 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.

Notification:

When the application is approved for permitting the applicant will be notified by phone as to the status by the Columbia County Building & Zoning Department.

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Jeld-Wen	French Doors	17454 ✓
B. SLIDING N/A			
C. SECTIONAL/ROLL UP N/A			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	YKK	Vinyl Single Hung	FL# 9611-2 2049 ✓
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	YKK	Vinyl Fixed	FL 24683 ✓
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Certainteed		1573-R4 ✓
B. SOFFITS	Certainteed		13389-R3 ✓
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES			
B. NON-STRUCTURAL METAL	Gulf Coast	Master Rib 29 GA	18473 ✓
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS			2355 R5
B. WOOD ANCHORS			10007 R6
C. TRUSS PLATES			10866 R3
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
6. NEW EXTERIOR			
ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.

Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

Contractor OR Agent Signature _____

Date _____

NOTES: _____

Residential System Sizing Calculation

Summary

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res

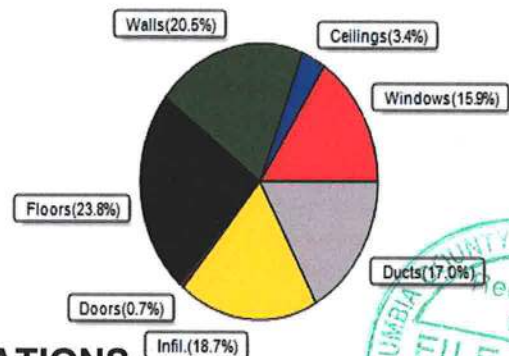
7/6/2017

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature(TMY3 99%)	30 F	Summer design temperature(TMY3 99%)	94 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	40 F	Summer temperature difference	19 F
Total heating load calculation	56172 Btuh	Total cooling load calculation	43350 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	100.0 56172	Sensible (SHR = 0.70)	89.1 29920
Heat Pump + Auxiliary(0.0kW)	100.0 56172	Latent	131.4 12823
		Total (Electric Heat Pump)	98.6 42743

WINTER CALCULATIONS

Winter Heating Load (for 3164 sqft)

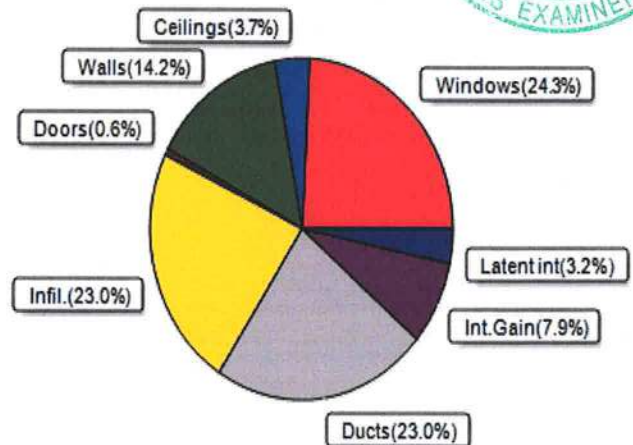
Load component		Load	
Window total	620 sqft	8921	Btuh
Wall total	3732 sqft	11534	Btuh
Door total	20 sqft	368	Btuh
Ceiling total	1860 sqft	1888	Btuh
Floor total	See detail report	13358	Btuh
Infiltration	240 cfm	10527	Btuh
Duct loss		9576	Btuh
Subtotal		56172	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		56172	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 3164 sqft)

Load component		Load	
Window total	620 sqft	10531	Btuh
Wall total	3732 sqft	6171	Btuh
Door total	20 sqft	276	Btuh
Ceiling total	1860 sqft	1605	Btuh
Floor total		0	Btuh
Infiltration	180 cfm	3750	Btuh
Internal gain		3410	Btuh
Duct gain		7847	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Blower Load		0	Btuh
Total sensible gain		33591	Btuh
Latent gain(ducts)		2136	Btuh
Latent gain(infiltration)		6223	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1400	Btuh
Total latent gain		9759	Btuh
TOTAL HEAT GAIN		43350	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY:

DATE:

[Signature]
7/6/2017

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res
Building Type: User

7/6/2017

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 40.0 F (TMY3 99%)

Component Loads for Whole House								
Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.25	Vinyl	0.36	S	40.0		14.4	576 Btuh
2	2, NFRC 0.25	Vinyl	0.36	S	40.0		14.4	576 Btuh
3	2, NFRC 0.25	Vinyl	0.36	S	18.0		14.4	259 Btuh
4	2, NFRC 0.25	Vinyl	0.36	S	30.0		14.4	432 Btuh
5	2, NFRC 0.25	Vinyl	0.36	E	12.5		14.4	180 Btuh
6	2, NFRC 0.25	Vinyl	0.36	E	20.0		14.4	288 Btuh
7	2, NFRC 0.25	Vinyl	0.36	S	30.0		14.4	432 Btuh
8	2, NFRC 0.25	Vinyl	0.36	E	36.0		14.4	518 Btuh
9	2, NFRC 0.25	Vinyl	0.36	E	12.0		14.4	173 Btuh
10	2, NFRC 0.25	Vinyl	0.36	N	24.0		14.4	346 Btuh
11	2, NFRC 0.25	Vinyl	0.36	W	12.0		14.4	173 Btuh
12	2, NFRC 0.25	Vinyl	0.36	W	36.0		14.4	518 Btuh
13	2, NFRC 0.25	Vinyl	0.36	N	120.0		14.4	1728 Btuh
14	2, NFRC 0.25	Vinyl	0.36	W	36.0		14.4	518 Btuh
15	2, NFRC 0.25	Vinyl	0.36	S	18.0		14.4	259 Btuh
16	2, NFRC 0.25	Vinyl	0.36	S	32.0		14.4	461 Btuh
17	2, NFRC 0.25	Vinyl	0.36	S	16.0		14.4	230 Btuh
18	2, NFRC 0.25	Vinyl	0.36	E	27.0		14.4	389 Btuh
19	2, NFRC 0.25	Vinyl	0.36	N	15.0		14.4	216 Btuh
20	2, NFRC 0.25	Vinyl	0.36	N	27.0		14.4	389 Btuh
21	2, NFRC 0.25	Vinyl	0.36	W	18.0		14.4	259 Btuh
Window Total					619.5(sqft)			8921 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.077)	19.0/0.0	67		3.09	206 Btuh
2	Frame - Wood	- Ext	(0.077)	19.0/0.0	120		3.09	371 Btuh
3	Frame - Wood	- Ext	(0.077)	19.0/0.0	113		3.09	350 Btuh
4	Frame - Wood	- Ext	(0.077)	19.0/0.0	107		3.09	330 Btuh
5	Frame - Wood	- Ext	(0.077)	19.0/0.0	112		3.09	346 Btuh
6	Frame - Wood	- Ext	(0.077)	19.0/0.0	356		3.09	1100 Btuh
7	Frame - Wood	- Ext	(0.077)	19.0/0.0	90		3.09	278 Btuh
8	Frame - Wood	- Ext	(0.077)	19.0/0.0	120		3.09	371 Btuh
9	Frame - Wood	- Ext	(0.077)	19.0/0.0	120		3.09	371 Btuh
10	Frame - Wood	- Ext	(0.077)	19.0/0.0	300		3.09	926 Btuh
11	Frame - Wood	- Ext	(0.077)	19.0/0.0	146		3.09	451 Btuh
12	Frame - Wood	- Ext	(0.077)	19.0/0.0	399		3.09	1232 Btuh
13	Frame - Wood	- Ext	(0.077)	19.0/0.0	130		3.09	402 Btuh
14	Frame - Wood	- Ext	(0.077)	19.0/0.0	164		3.09	507 Btuh
15	Frame - Wood	- Ext	(0.077)	19.0/0.0	78		3.09	241 Btuh
16	Frame - Wood	- Ext	(0.077)	19.0/0.0	108		3.09	334 Btuh
17	Frame - Wood	- Ext	(0.077)	19.0/0.0	106		3.09	328 Btuh
18	Frame - Wood	- Ext	(0.077)	19.0/0.0	96		3.09	297 Btuh
19	Frame - Wood	- Ext	(0.077)	19.0/0.0	146		3.09	451 Btuh
20	Frame - Wood	- Ext	(0.077)	19.0/0.0	357		3.09	1103 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res
Building Type: User

7/6/2017

Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
21	Frame - Wood	- Ext	(0.077)	19.0/0.0	336	3.09	1039 Btuh
22	Frame - Wood	- Ext	(0.077)	19.0/0.0	162	3.09	501 Btuh
	Wall Total				3732(sqft)		11534 Btuh
Doors	Type		Storm Ueff.		Area X	HTM=	Load
1	Insulated - Exterior, n		(0.460)		20	18.4	368 Btuh
	Door Total				20(sqft)		368Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shing		(0.025)	38.0/0.0	951	1.0	965 Btuh
2	Vented Attic/L/Shing		(0.025)	38.0/0.0	909	1.0	923 Btuh
	Ceiling Total				1860(sqft)		1888Btuh
Floors	Type		Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	283.0 ft(perim.)	47.2	13358 Btuh
2	Interior		(1.180)	19.0	866.0 sqft	0.0	0 Btuh
	Floor Total				3164 sqft		13358 Btuh
Envelope Subtotal:							36069 Btuh
Infiltration	Type		Wholehouse ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural		0.47	30774	1.00	240.4	10527 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)					(DLM of 0.206)	9576 Btuh
All Zones	Sensible Subtotal All Zones						56172 Btuh

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	56172 Btuh 0 Btuh 56172 Btuh
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EQUIPMENT

1. Electric Heat Pump	#	56172 Btuh
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Manual J Winter Calculations

Residential Load - Component Details (continued)

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res
Building Type: User

7/6/2017

Key: Window types - NFRC (Requires U-Factor and Shading coefficient(SHGC) of glass as numerical values)
or - Glass as 'Clear' or 'Tint' (Uses U-Factor and SHGC defaults)
U - (Window U-Factor)
HTM - (ManualJ Heat Transfer Multiplier)



Version 8

System Sizing Calculations - Summer

Residential Load - Whole House Component Details

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res

7/6/2017

Reference City: Gainesville, FL

Temperature Difference: 19.0F(TMY3 99%) Humidity difference: 51gr.

Component Loads for Whole House

Window	Type*					Overhang		Window Area(sqft)			HTM		Load		
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2 NFRC	0.25, 0.36	No	No	S		9.5ft.	1.0ft.	40.0	40.0	0.0	12	14	484	Btuh
2	2 NFRC	0.25, 0.36	No	No	S		9.5ft.	1.0ft.	40.0	40.0	0.0	12	14	484	Btuh
3	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	18.0	18.0	0.0	12	14	218	Btuh
4	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	30.0	30.0	0.0	12	14	363	Btuh
5	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	12.5	0.6	11.9	12	31	375	Btuh
6	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	20.0	1.2	18.8	12	31	596	Btuh
7	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	30.0	30.0	0.0	12	14	363	Btuh
8	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	36.0	1.5	34.5	12	31	1086	Btuh
9	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	12.0	2.0	10.0	12	31	334	Btuh
10	2 NFRC	0.25, 0.36	No	No	N		1.5ft.	1.0ft.	24.0	0.0	24.0	12	12	290	Btuh
11	2 NFRC	0.25, 0.36	No	No	W		1.5ft.	1.0ft.	12.0	2.0	10.0	12	31	334	Btuh
12	2 NFRC	0.25, 0.36	No	No	W		1.5ft.	1.0ft.	36.0	1.5	34.5	12	31	1086	Btuh
13	2 NFRC	0.25, 0.36	No	No	N		13.5f	1.0ft.	120.0	0.0	120.0	12	12	1452	Btuh
14	2 NFRC	0.25, 0.36	No	No	W		13.5f	1.0ft.	36.0	36.0	0.0	12	31	436	Btuh
15	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	18.0	18.0	0.0	12	14	218	Btuh
16	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	32.0	32.0	0.0	12	14	387	Btuh
17	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	16.0	16.0	0.0	12	14	194	Btuh
18	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	27.0	2.2	24.8	12	31	794	Btuh
19	2 NFRC	0.25, 0.36	No	No	N		1.5ft.	1.0ft.	15.0	0.0	15.0	12	12	181	Btuh
20	2 NFRC	0.25, 0.36	No	No	N		1.5ft.	1.0ft.	27.0	0.0	27.0	12	12	327	Btuh
21	2 NFRC	0.25, 0.36	No	No	W		1.5ft.	1.0ft.	18.0	1.5	16.5	12	31	529	Btuh
	Window Total								620 (sqft)					10531 Btuh	
Walls	Type	U-Value					R-Value		Area(sqft)			HTM		Load	
							Cav/Sheath								
1	Frame - Wood - Ext	0.08					19.0/0.0		66.7			1.7		110 Btuh	
2	Frame - Wood - Ext	0.08					19.0/0.0		120.0			1.7		198 Btuh	
3	Frame - Wood - Ext	0.08					19.0/0.0		113.3			1.7		187 Btuh	
4	Frame - Wood - Ext	0.08					19.0/0.0		106.7			1.7		176 Btuh	
5	Frame - Wood - Ext	0.08					19.0/0.0		112.0			1.7		185 Btuh	
6	Frame - Wood - Ext	0.08					19.0/0.0		355.8			1.7		588 Btuh	
7	Frame - Wood - Ext	0.08					19.0/0.0		90.0			1.7		149 Btuh	
8	Frame - Wood - Ext	0.08					19.0/0.0		120.0			1.7		198 Btuh	
9	Frame - Wood - Ext	0.08					19.0/0.0		120.0			1.7		198 Btuh	
10	Frame - Wood - Ext	0.08					19.0/0.0		299.5			1.7		495 Btuh	
11	Frame - Wood - Ext	0.08					19.0/0.0		146.0			1.7		241 Btuh	
12	Frame - Wood - Ext	0.08					19.0/0.0		398.7			1.7		659 Btuh	
13	Frame - Wood - Ext	0.08					19.0/0.0		130.0			1.7		215 Btuh	
14	Frame - Wood - Ext	0.08					19.0/0.0		164.0			1.7		271 Btuh	
15	Frame - Wood - Ext	0.08					19.0/0.0		78.0			1.7		129 Btuh	
16	Frame - Wood - Ext	0.08					19.0/0.0		108.0			1.7		179 Btuh	
17	Frame - Wood - Ext	0.08					19.0/0.0		106.0			1.7		175 Btuh	
18	Frame - Wood - Ext	0.08					19.0/0.0		96.0			1.7		159 Btuh	
19	Frame - Wood - Ext	0.08					19.0/0.0		146.0			1.7		241 Btuh	
20	Frame - Wood - Ext	0.08					19.0/0.0		357.0			1.7		590 Btuh	
21	Frame - Wood - Ext	0.08					19.0/0.0		336.0			1.7		556 Btuh	
22	Frame - Wood - Ext	0.08					19.0/0.0		162.0			1.7		268 Btuh	
	Wall Total								3732 (sqft)					6171 Btuh	
Doors	Type						Area (sqft)			HTM		Load			
1	Insulated - Exterior						20.0			13.8		276 Btuh			
	Door Total								20 (sqft)					276 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res

Climate:FL_GAINESVILLE_REGIONAL_A

7/6/2017

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load
1	Vented Attic/Light/Shingle/RB	0.025	38.0/0.0	951.0	0.86	821 Btuh
2	Vented Attic/Light/Shingle/RB	0.025	38.0/0.0	909.0	0.86	784 Btuh
	Ceiling Total			1860 (sqft)		1605 Btuh
Floors	Type		R-Value	Size	HTM	Load
1	Slab On Grade		0.0	2298 (ft-perimeter)	0.0	0 Btuh
2	Interior		19.0	866 (sqft)	0.0	0 Btuh
	Floor Total			3164.0 (sqft)		0 Btuh
	Envelope Subtotal:					18583 Btuh
Infiltration	Type	Average ACH	Volume(cuft)	Wall Ratio	CFM=	Load
	Natural	0.35	30774	1	180.3	3750 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		7	X 230	+	1800	3410 Btuh
	Sensible Envelope Load:					25744 Btuh
Duct load	Average sealed,Supply(R6.0-Attic), Return(R6.0-Attic)				(DGM of 0.305)	7847 Btuh
	Sensible Load All Zones					33591 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Brian & Brittany Papka
N1/2 Lot 8, Rivers Manor_SW Blaylock Ct
Lake City, FL 32024

Project Title:
Papka Res

Climate:FL_GAINESVILLE_REGIONAL_A

7/6/2017

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	25744 Btuh
	Sensible Duct Load	7847 Btuh
	Total Sensible Zone Loads	33591 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	33591 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	6223 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	2136 Btuh
	Latent occupant gain (7.0 people @ 200 Btuh per person)	1400 Btuh
	Latent other gain	0 Btuh
	Latent total gain	9759 Btuh
	TOTAL GAIN	43350 Btuh

EQUIPMENT

1. Central Unit	#	42743 Btuh
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*Key: Window types (Panels - Number and type of panes of glass)
(SHGC - Shading coefficient of glass as SHGC numerical value)
(U - Window U-Factor)
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))
- For Blinds: Assume medium color, half closed
For Draperies: Assume medium weave, half closed
For Roller shades: Assume translucent, half closed
(IS - Insect screen: none(N), Full(F) or Half(½))
(Ornt - compass orientation)



Version 8