

- 6714 -

✓ SUNDAY only. missing
✓ TRUSS REPORTS

Columbia County New Building Permit Application

For Office Use Only Application # 1908-29 Date Received 8/8 By JW Permit # 38590/2877
Zoning Official LT Date 8-16-19 Flood Zone X Land Use RES Zoning RSF-2
FEMA Map # N/A Elevation N/A MFE 140' River N/A Plans Examiner JL Date 8-16-19
Comments Elevation letter at slab 140' Front 25' Sides 10' Rear 15'
☒ NOC ☒ EH ☒ Deed or PA ☒ Site Plan ☐ State Road Info ☒ Well letter ☐ 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. 19-0617 OR City Water ☐ Fax N/A

Applicant (Who will sign/pickup the permit) Mark Bauer/Gibraltar Contracting Phone 352-283-2002

Address 20267 NW 248th Way High Springs, FL 32643

Owners Name MF Butler Homes, LLC Phone 770-639-3904

911 Address 336 SW Woodleaf Ct. Lake City, FL 32024

Contractors Name Mark Bauer Phone 352-283-2002

Address 20267 NW 248th Way High Springs, FL 32643

Contractor Email gibraltarcontracting@gmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address W. / Mark Disosway Lake City, FL 32025

Mortgage Lenders Name & Address _____

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

Property ID Number 33-35-16-02438-134 Estimated Construction Cost 200,000

Subdivision Name Emerald Cove Lot 34 Block _____ Unit _____ Phase 2

Driving Directions from a Major Road West on Hwy 90 to SW Heathridge Dr. on Left. Continue on SW Heathridge Dr. to SW Woodleaf Ct on Right. Site is at end on Right. 7'12"

Construction of New SFD Commercial OR ☒ Residential

Proposed Use/Occupancy SFD Number of Existing Dwellings on Property 0

Is the Building Fire Sprinkled? No If Yes, blueprints included _____ 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 40' Side 39.7' Side 30' Rear 71.5'

Number of Stories 1 Heated Floor Area 1880 sf Total Floor Area 2557 sf Acreage 0.51

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) _____

Per sent email 8-16-19 & 9-10-19

Columbia County Building Permit Application

CODE: Florida Building Code 2017 and the 2014 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.

M. F. Butler

Print Owners Name

M. F. Butler

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.

[Signature]
Contractor's Signature

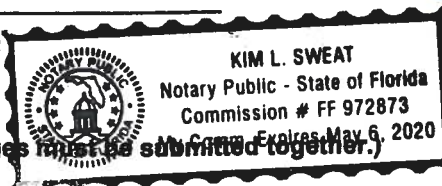
Contractor's License Number CBC1259633
Columbia County
Competency Card Number 1501

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 8th day of August 2019.

Personally known ☒ or Produced Identification _____

[Signature]
State of Florida Notary Signature (For the Contractor)

SEAL:



Columbia County Property Appraiser

Jeff Hampton

2018 Tax Roll Year

updated: 6/25/2019

Parcel: << 33-3S-16-02438-134 >>

Aerial Viewer Pictometry Google Maps

Owner & Property Info

Result: 1 of 1

Owner	MF BUTLER HOMES LLC 1121 SW PAUL PEARCE LANE LAKE CITY, FL 32024		
Site	336 WOODLEAF CT,		
Description*	LOT 34 EMERALD COVE S/D PHS 2. WD 1078-1558, QC 1274-2255, QC 1360-2462, WD 1363-1487,		
Area	0.51 AC	S/T/R	33-3S-16E
Use Code**	VACANT (000000)	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 and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

Property & Assessment Values

2018 Certified Values		2019 Working Values	
Mkt Land (1)	\$13,000	Mkt Land (1)	\$14,500
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (0)	\$0	Building (0)	\$0
XFOB (0)	\$0	XFOB (0)	\$0
Just	\$13,000	Just	\$14,500
Class	\$0	Class	\$0
Appraised	\$13,000	Appraised	\$14,500
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$13,000	Assessed	\$14,500
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$12,100 city:\$12,100 other:\$12,100 school:\$13,000	Total Taxable	county:\$14,500 city:\$14,500 other:\$14,500 school:\$14,500



Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
6/27/2018	\$57,500	1363/1487	WD	V	Q	05 (Multi-Parcel Sale) - show
5/23/2018	\$100	1360/2462	QC	V	U	11
5/19/2014	\$100	1274/2255	QC	V	U	11
3/23/2006	\$360,000	1078/1558	WD	V	Q	

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
NONE						

Extra Features & Out Buildings (Codes)

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

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000000	VAC RES (MKT)	1.000 LT - (0.510 AC)	1.00/1.00 1.00/1.00	\$14,500	\$14,500

Search Result: 1 of 1

Legend

Parcels

Roads

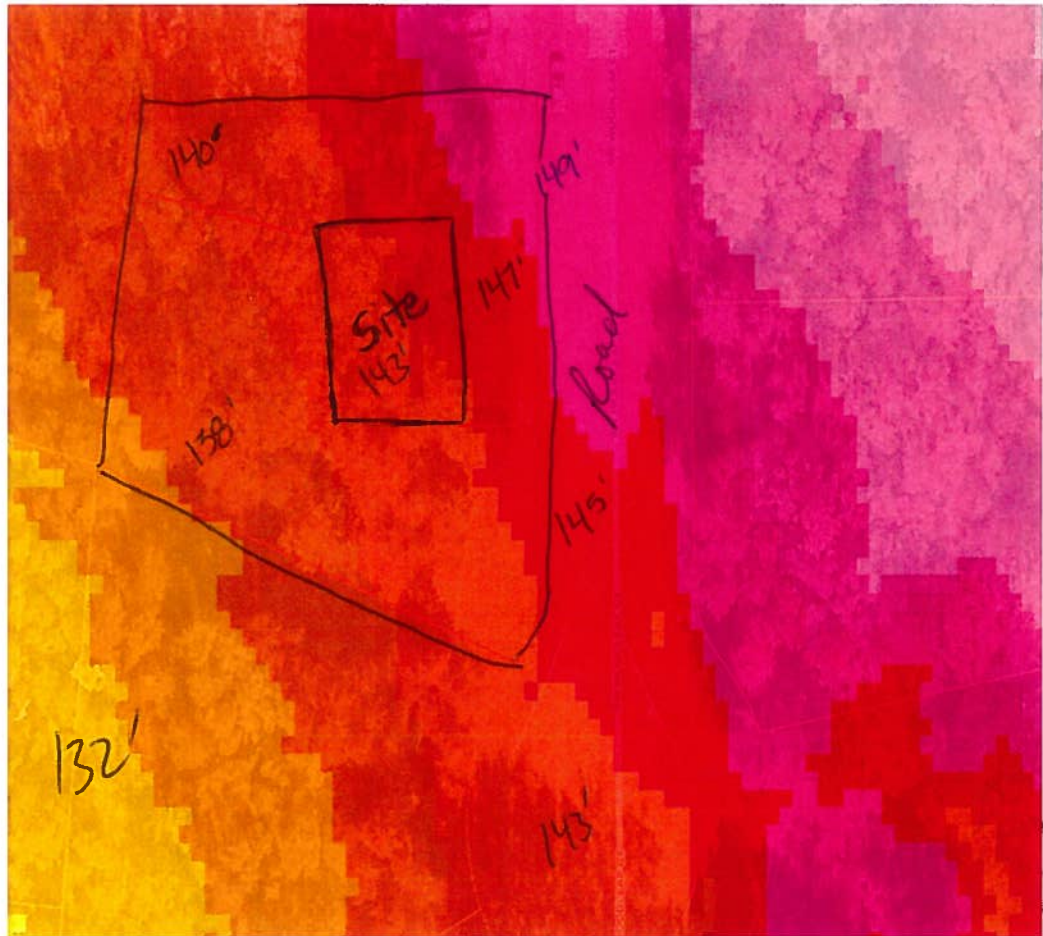
- Roads
- others
- Dirt
- Interstate
- Main
- Other
- Paved
- Private
- 2018Aerials
- LidarElevations



SectionTownshipAndRange

Columbia County, FLA - Building & Zoning Property Map

Printed: Wed Aug 21 2019 11:48:01 GMT-0400 (Eastern Daylight Time)



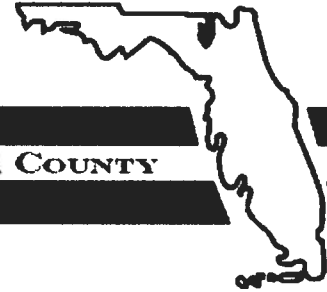
Parcel Information

Parcel No: 33-3S-16-02438-134
Owner: MF BUTLER HOMES LLC
Subdivision: EMERALD COVE PHASE 2
Lot: 34
Acres: 0.5065641
Deed Acres:
District: District 3 Bucky Nash
Future Land Uses: Residential - Low
Flood Zones:
Official Zoning Atlas: RSF-2

Lot 87 on
Pre Plat with
Lot Elevations

All data, information, and maps are provided "as is" without warranty or any representation of accuracy, timeliness of completeness. Columbia County, FL makes no warranties, express or implied, as to the use of the information obtained here. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts all limitations, including the fact that the data, information, and maps are dynamic and in a constant state of maintenance, and update.

District No. 1 - Ronald Williams
District No. 2 - Rocky Ford
District No. 3 - Bucky Nash
District No. 4 - Toby Witt
District No. 5 - Tim Murphy



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

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: **7/23/2019 6:49:36 PM**
Address: **336 SW WOODLEAF Ct**
City: **LAKE CITY**
State: **FL**
Zip Code **32024**

Parcel ID **02438-134**

REMARKS: Address Verification.

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.

Address Issued By: **Signed:/ Matt Crews**

Columbia County GIS/911 Addressing Coordinator

**COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT**

263 NW Lake City Ave., Lake City, FL 32055 Telephone: (386) 758-1125
Email: gis@columbiacountyfla.com

1908-29

JOB NAME

Lot 34 Emerald Cove

1.500 IN MUS. \$- SUBMITTED \$- FOR A PERMIT WILL BE SUEED

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ELECTRICAL 811	Print Name: <u>Ryan Benile</u>	Signature: <u>[Signature]</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: <u>RBI Electrical Contractors LLC</u>		
	License #: <u>EC 1300 4236</u>	Phone #: <u>352-339-0369</u>	
Mechanical	Print Name: _____	Signature: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: _____		
	License #: _____	Phone #: _____	
Plumbing	Print Name: _____	Signature: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: _____		
	License #: _____	Phone #: _____	
Roofing	Print Name: _____	Signature: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: _____		
	License #: _____	Phone #: _____	
Painting	Print Name: _____	Signature: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: _____		
	License #: _____	Phone #: _____	
Landscaping	Print Name: _____	Signature: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: _____		
	License #: _____	Phone #: _____	
Other	Print Name: _____	Signature: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
	Company Name: _____		
	License #: _____	Phone #: _____	

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # _____ JOB NAME Lot 34 Emerald Cove

THIS FORM MUST BE SUBMITTED BEFORE A PERMIT WILL BE ISSUED

Columbia County issues combination permits. One permit will cover all trades doing work at the permitted site. It is **REQUIRED** that we have records of the subcontractors who actually did the trade specific work under the general contractors permit.

NOTE: It shall be the responsibility of the general contractor to make sure that all of the subcontractors are licensed with the Columbia County Building Department.

Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

NOTE: If this should change prior to completion of the project, it is your responsibility to have a corrected form submitted to our office, before that work has begun.

Violations will result in stop work orders and/or fines.

ELECTRICAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
MECHANICAL/A/C <input checked="" type="checkbox"/>	Print Name <u>Clinton Wilson</u> Signature <u>Clinton Wilson</u> Company Name: <u>Wilson Heat & Air Inc</u> License #: <u>CAC0578816</u> Phone #: <u>386-496-9000</u>	Need - Lic - Liab - W/C - EX - DE
PLUMBING/GAS <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
ROOFING <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE

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MECHANICAL/A/C <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/GAS <input checked="" type="checkbox"/> CC# 429	Print Name James L Butler Signature <i>James Butler</i> Company Name: Butler Plumbing of Gainesville Inc License #: CFC057960 Phone #: 352 472 3677	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

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ELECTRICAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
MECHANICAL/A/C <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
PLUMBING/GAS <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
ROOFING <input checked="" type="checkbox"/>	Print Name <u>Jeff Bokor</u> Signature <u>[Signature]</u> Company Name: <u>OWC Contracting LLC</u> License #: <u>CCC-1329756</u> Phone #: <u>352-339-6387</u>	Need - Lic - Liab - W/C - EX - DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE

Detail by Entity Name

Florida Limited Liability Company

MF BUTLER HOMES, LLC

Filing Information

Document Number L17000098240
FEI/EIN Number 82-2074704
Date Filed 05/03/2017
Effective Date 05/03/2017
State FL
Status ACTIVE

Principal Address

1121 SW PAUL PEARCE LANE
LAKE CITY, FL 32024

Mailing Address

1121 SW PAUL PEARCE LANE
LAKE CITY, FL 32024

Registered Agent Name & Address

BUTLER, AARON
1843 SW MIXSON RD.
LAKE CITY, FL 32024

Authorized Person(s) Detail

Name & Address

Title MGR

BUTLER, MILTON F
2465 GUM CREEK RD.
OXFORD, GA 30054

Annual Reports

Report Year	Filed Date
2018	02/08/2018
2019	04/30/2019

Document Images

04/30/2019 -- ANNUAL REPORT	View image in PDF format
02/08/2018 -- ANNUAL REPORT	View image in PDF format
05/03/2017 -- Florida Limited Liability	View image in PDF format

NOTICE OF COMMENCEMENT

Tax Parcel Identification Number:

33-3S-16-02438-134

Clerk's Office Stamp

Inst: 201912019051 Date: 08/16/2019 Time: 1:27PM
Page 1 of 1 B: 1391 P: 1253, P. DeWitt Cason, Clerk of Court
Columbia, County, By: KV
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.

1. Description of property (legal description): Lot 34 Emerald Cove 02438-134
a) Street (Job) Address: 336 SW Woodleaf Ct. • Lake City, FL • 32024
2. General description of improvements: New Construction SFD
3. Owner information or Lessee information if the Lessee contracted for the improvements:
a) Name and address: MF Butler Homes, LLC • 2465 Gunn Creek Rd. • Oxnard, GA. 30054
b) Name and address of fee simple titleholder (if other than owner):
c) Interest in property Owner
4. Contractor information
a) Name and address: Mark Bauer / Gibraltar Contracting, LLC • 20267 NW 248th Way
b) Telephone No.: 352-283-2002 High Springs, FL 32643
5. Surety Information (if applicable, a copy of the payment bond is attached):
a) Name and address:
b) Amount of Bond:
c) Telephone No.:
6. Lender
a) Name and address:
b) Phone No.:
7. 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:
b) Telephone No.:
8. 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.: _____
9. 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. Milton Butler
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Officer/Director/Partner/Manager
M Forrest Butler
Printed Name and Signatory's Title/Office

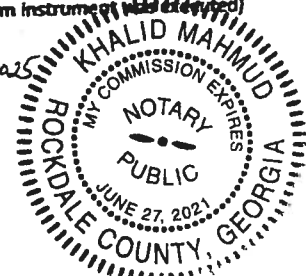
The foregoing instrument was acknowledged before me, a Florida Notary, this 8th day of August, 2019, by:

Milton Butler as owner for _____
(Name of Person) (Type of Authority) (name of party on behalf of whom instrument was executed)

Personally Known _____ OR Produced Identification ☒ Type D/L #007584166 04/27/2025

Notary Signature [Signature]

Notary Stamp or Seal:



Legend

Parcels

Roads

- Roads
- others
- Dirt
- Interstate
- Main
- Other
- Paved
- Private
- 2018Aerials

Columbia County, FLA - Building & Zoning Property Map

Printed: Fri Aug 16 2019 08:03:29 GMT-0400 (Eastern Daylight Time)



Parcel Information

Parcel No: 33-3S-16-02438-134

Owner: MF BUTLER HOMES LLC

Subdivision: EMERALD COVE PHASE 2

Lot:

Acres: 0.5065641

Deed Acres:

District: District 3 Bucky Nash

Future Land Uses: Residential - Low

Flood Zones:

Official Zoning Atlas: RSF-2

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A&B Well Drilling, Inc.

5673 NW Lake Jeffery Road
Lake City, FL 32055
Telephone: (386) 758-3409
Cell: (386) 623-3151
Fax: (386) 758-3410
Owner: Bruce Park

August 19, 2019

To: Columbia County Building Department

Description of Well to be installed for Customer _____Gibraltar Const_____

Located @ Address: _____336 SW Woodleaf Ct Lake City_____

1 HP 20 GPM submersible pump, 1 1/4" drop pipe, 85 gallon captive tank, and backflow prevention.
With SRWMD permit.

Bruce Park_____

Sincerely,
Bruce N. Park
President

STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR CONSTRUCTION PERMIT



North

*scale: one inch = _____ feet

Permit Application Number

19-0617

PART II - SITEPLAN

See
next
page.

Thank you!

Notes:

* PARCEL ID #: 33-35-16-02438-134

* ADDRESS: 336 SW WOODLEAF COURT

LAKE CITY, Florida 32024

Site Plan submitted by:

RC 7P

- Ronald Ford Ford's Septic Tank Service, LLC.

Plan Approved

By

Columbia CHD

Date

County Health Department

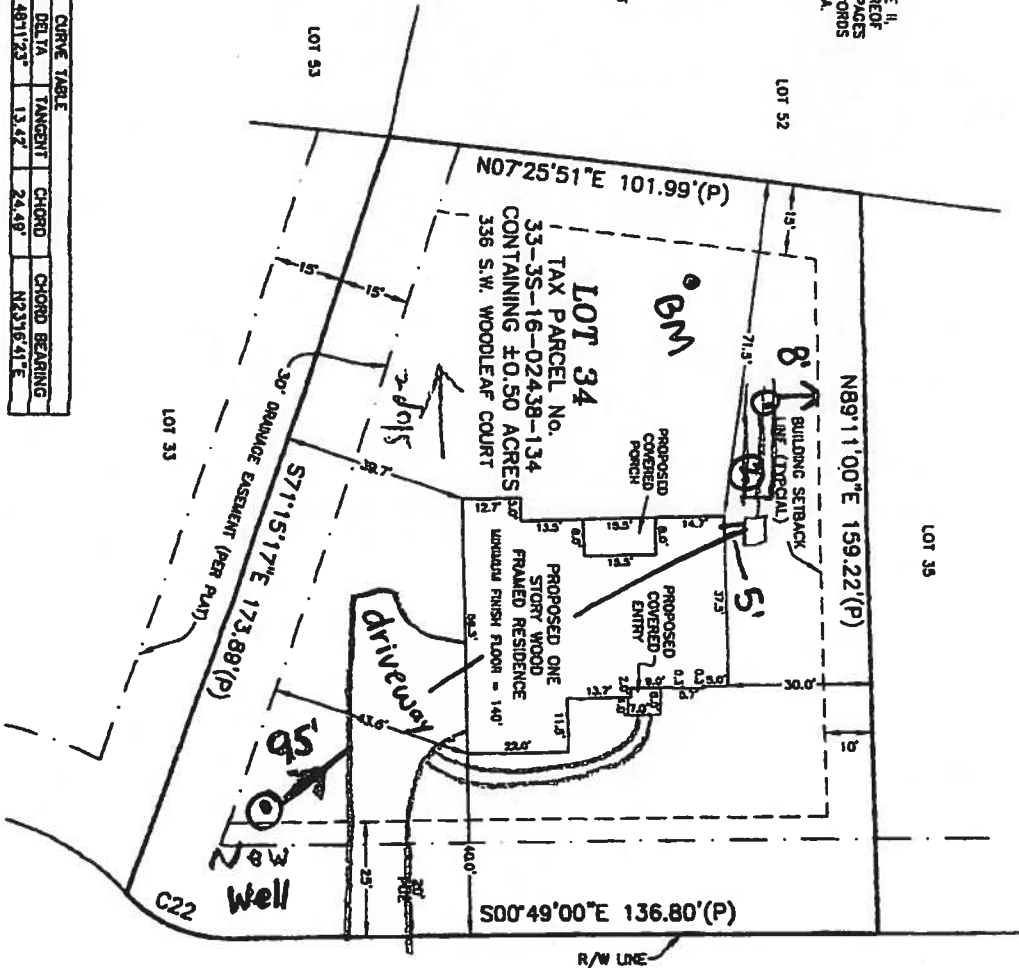
ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

19-0617

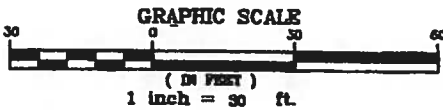
LEGAL DESCRIPTION
LOT 34, EVERGLADE COVE PHASE II,
ACCORDING TO THE PLAT THEREOF
RECORDED IN PLAT BOOK 8, PAGES
88 & 89 OF THE PUBLIC RECORDS
OF COLUMBIA COUNTY, FLORIDA.

LEGEND
(P) = PER PLAT
R/W = RIGHT OF WAY
PUE = PUBLIC UTILITY EASEMENT

CURVE TABLE				
CURVE	LENGTH	RADIUS	DELTA	TANGENT
C22	25.23	30.00'	48.11°23'	13.42'
				24.48'
				N231°6.47'E



S.W. WOODLEAF COURT
(60' R/W)



SURVEYOR NOTES:

1. THE BEARINGS SHOWN HEREON ARE BASED ON THE PLAT OF EVERGLADE COVE PHASE II.
2. RECORDED EASEMENT AND/OR DEEDS NOT FURNISHED TO THE SURVEYOR ARE NOT SHOWN.
3. THIS IS NOT A BOUNDARY SURVEY

PLOT PLAN
IN SECTION 33, TOWNSHIP 3 SOUTH, RANGE 18 EAST
COLUMBIA COUNTY, FLORIDA
THIS IS NOT A BOUNDARY SURVEY

Handwritten: 08-12-2019

SSOCOF #: 224904539
(done on 08-12-19)



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

PERMIT NO. 19-0617
DATE PAID: 8/11/19
FEE PAID: \$318.00
RECEIPT #: 147983

APPLICATION FOR:

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

APPLICANT: MF Butler Homes, LLC

AGENT: Mark Bauer/Gibraltar Contracting, LLC TELEPHONE: 352-283-2402

MAILING ADDRESS: 20267 NW 248th Way • High Springs, FL • 32643

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: 34 BLOCK: SUBDIVISION: Emerald Cove PLATTED: 1/20/68 (Book E 68-69)

PROPERTY ID #: 33-35-16-02438-134 ZONING: RSF I/M OR EQUIVALENT: (Y) (N)

PROPERTY SIZE: 0.51 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤2000GPD ☐ >2000GPD

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

PROPERTY ADDRESS: 336 SW Woodleaf Ct. Lake City, FL 32024

DIRECTIONS TO PROPERTY: West on Hwy 90 to SW Heathridge Dr on Left.
Continue on SW Heathridge Dr. to SW Woodleaf Ct. on Right.
Site is at end on Right.

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 New SFD 4 1880 H/C
2 2557 TOTAL

3

4

☐ Floor/Equipment Drains ☐ Other (Specify)

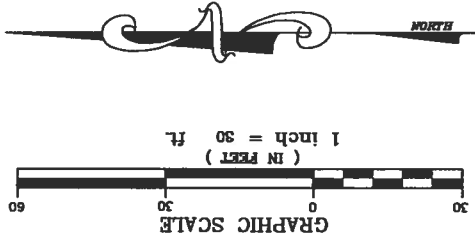
SIGNATURE: [Signature] DATE: Aug 8, 2019

DR 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

PLOT PLAN

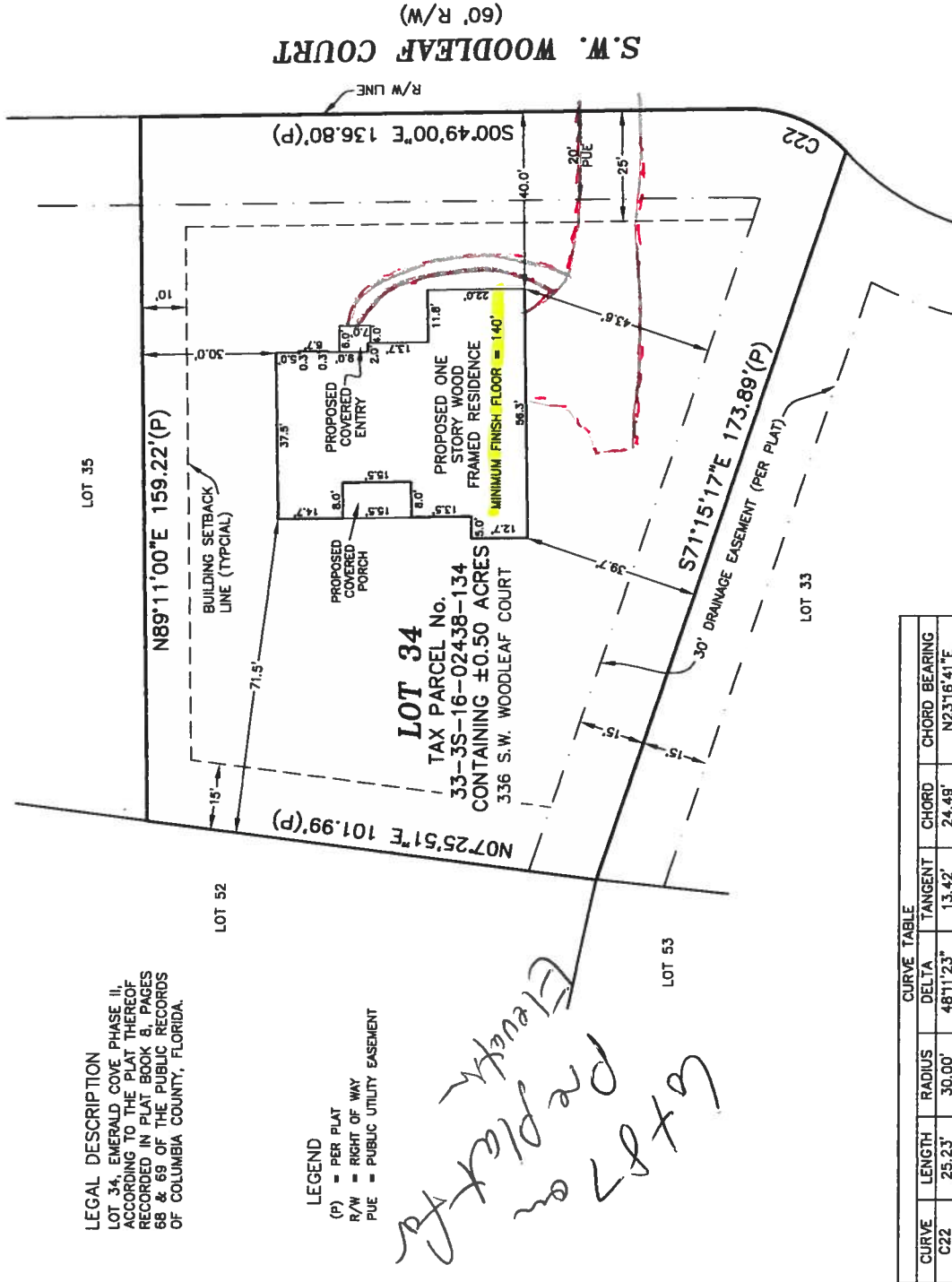
IN SECTION 33, TOWNSHIP 3 SOUTH, RANGE 16 EAST
COLUMBIA COUNTY, FLORIDA

THIS IS NOT A BOUNDARY SURVEY



SURVEYOR NOTES:

1. THE BEARINGS SHOWN HEREON ARE BASED ON THE PLAT OF EMERALD COVE PHASE II.
2. RECORDED EASEMENT AND/OR DEEDS NOT FURNISHED TO THE SURVEYOR ARE NOT SHOWN.
3. THIS IS NOT A BOUNDARY SURVEY





**COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST**

MINIMUM PLAN REQUIREMENTS: FLORIDA BUILDING CODE RESIDENTIAL 2017 EFFECTIVE 1 JANUARY 2018
AND THE NATIONAL ELECTRICAL 2014 EFFECTIVE 1 JANUARY 2018

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT FLORIDA BUILDING CODES RESIDENTIAL AND THE NATIONAL ELECTRICAL CODE. 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, FBC 1609.3.1 THRU 1609.3.3.

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 7/1/18

Website: <http://www.columbiacountyfla.com/BuildingandZoning.asp>

Items to Include-
Each Box shall be
Circled as
Applicable

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

Select From Drop down

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.)	1880	Total (Sq. Ft.) under roof	2557	Yes No NA

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 107.1.

Site Plan information including:

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

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 Circled as Applicable		
8	Plans or specifications must show compliance with FBCR Chapter 3	Yes	No	NA
Select From Drop down				
9	Basic wind speed (3-second gust), miles per hour	Yes		<input checked="" type="checkbox"/>
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	Yes		<input checked="" type="checkbox"/>
11	Wind importance factor and nature of occupancy	Yes		<input checked="" type="checkbox"/>
12	The applicable internal pressure coefficient, Components and Cladding	Yes		<input checked="" type="checkbox"/>
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not specifiically designed by the registered design professional.	Yes		<input checked="" type="checkbox"/>

Elevations Drawing including:

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

Floor Plan Including:

21	Dimensioned area plan showing rooms, attached garage, breeze ways, covered porches, deck, balconies	Yes		<input type="checkbox"/>
22	Raised floor surfaces located more than 30 inches above the floor or grade	NA		<input type="checkbox"/>
23	All exterior and interior shear walls indicated	Yes		<input type="checkbox"/>
24	Shear wall opening shown (Windows, Doors and Garage doors)	Yes		<input type="checkbox"/>
25	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.	Yes		<input type="checkbox"/>
26	Safety glazing of glass where needed	Yes		<input type="checkbox"/>
27	Fireplaces types (gas appliance) (vented or non-vented) or wood burning with Hearth (see chapter 10 and chapter 24 of FBCR)	Yes		<input type="checkbox"/>
28	Show stairs with dimensions (width, tread and riser and total run) details of guardrails, Handrails	NA		<input type="checkbox"/>
29	Identify accessibility of bathroom (see FBCR SECTION 320)	Yes		<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 Circled as Applicable	
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FBCR 403: Foundation Plans

Select From Drop down

30	Location of all load-bearing walls footings indicated as standard, monolithic, dimensions, size and type of reinforcing.	Yes		<input type="checkbox"/>
31	All posts and/or column footing including size and reinforcing	Yes		<input type="checkbox"/>
32	Any special support required by soil analysis such as piling.	NA		<input type="checkbox"/>
33	Assumed load-bearing value of soil Pound Per Square Foot	NA		<input type="checkbox"/>
34	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	NA		<input type="checkbox"/>

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 318: PROTECTION AGAINST TERMITES

37	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	Yes		<input type="checkbox"/>
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

38	Show all materials making up walls, wall height, and Block size, mortar type	NA		<input type="checkbox"/>
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	NA		<input 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

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

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		
Select from Drop down				
53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	Yes		<input type="checkbox"/>
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	Yes		<input type="checkbox"/>
55	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	Yes		<input type="checkbox"/>
56	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	Yes		<input type="checkbox"/>
57	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBC-R602.7.	Yes		<input type="checkbox"/>
58	Indicate where pressure treated wood will be placed	Yes		<input type="checkbox"/>
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	Yes		<input type="checkbox"/>
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	Yes		<input type="checkbox"/>

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10. 1 Wood trusses	Yes		<input type="checkbox"/>
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	Yes		<input type="checkbox"/>
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	Yes		<input type="checkbox"/>
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	Yes		<input type="checkbox"/>
65	Provide dead load rating of trusses	Yes		<input type="checkbox"/>

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
---	--	--	--	--

Select from Drop Down

74	Show the insulation R value for the following areas of the structure	Yes		<input type="checkbox"/>
75	Attic space	Yes		<input type="checkbox"/>
76	Exterior wall cavity	Yes		<input type="checkbox"/>
77	Crawl space	Yes		<input type="checkbox"/>

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	Yes		<input type="checkbox"/>
87	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	Yes		<input type="checkbox"/>
88	Show the location of smoke detectors & Carbon monoxide detectors	Yes		<input type="checkbox"/>
89	Show service panel, sub-panel, location(s) and total ampere ratings	Yes		<input type="checkbox"/>
90	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	Yes		<input type="checkbox"/>
91	Appliances and HVAC equipment and disconnects	Yes		<input type="checkbox"/>
92	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.	Yes		<input type="checkbox"/>

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 performed.

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL	Items to Include- Each Box shall be Circled as Applicable
---	--

****ITEMS 95, 96, & 98 Are Required After APPROVAL from the ZONING DEPT.*****Select from Drop down*

93	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.	Yes	<input type="checkbox"/>
94	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	Yes	<input type="checkbox"/>
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	-	<input type="checkbox"/>
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	-	<input type="checkbox"/>
97	Toilet facilities shall be provided for all construction sites	Yes	<input type="checkbox"/>
98	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.	-	<input type="checkbox"/>
99	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 (Municode.com)	NA	<input type="checkbox"/>
100	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.	Yes	<input type="checkbox"/>
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	NA	<input type="checkbox"/>
102	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.	Yes	<input type="checkbox"/>
103	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.	Yes	<input type="checkbox"/>

Ordinance Sec. 90-75. - Construction debris. (e) It shall be unlawful for any person to dispose of or discard solid waste, including construction or demolition debris at any place within the county other than on an authorized disposal site or at the county's solid waste facilities. The temporary storage, not to exceed seven days of solid waste (excluding construction and demolition debris) on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance, shall not be deemed a violation of this section. The temporary storage of construction and demolition debris on the premises where generated or vegetative trash pending disposition as authorized by law or ordinance shall not be deemed in violation of this section; provided, however, such construction and demolition debris must be disposed of in accordance with this article prior to the county's issuance of a certificate of occupancy for the premises. The burning of lumber from a construction or demolition project or vegetative trash when done so with legal and proper permits from the authorized agencies and in accordance with such agencies' rules and regulations, shall not be deemed a violation of this section. No person shall bury, throw, place, or deposit, or cause to be buried, thrown, placed, or deposited, any solid waste, special waste, or debris of any kind into or on any of the public streets, road right-of-way, highways, bridges, alleys, lanes, thoroughfares, waters, canals, or vacant lots or lands within the county. No person shall bury any vegetative trash on any of the public streets, road right-of-way, highways, bridges, lanes, thoroughfares, waters, canals, or lots less than ten acres in size within the county.

Disclosure Statement for Owner Builders:

If you as the Applicant will be acting as your own contractor or owner/builder under section 489.103(7) Florida Statutes, you must submit the required notarized Owner Builder Disclosure Statement form.

****This form can be printed from the Columbia County Website on the Building and Zoning page under Documents. Web address is - <http://www.columbiacountyfla.com/BuildingandZoning.asp>**

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	Plastpro		FL-16094.1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Eagle View		FL16625-R3
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Hardi Plank	Concrete Masonry Siding	FL13192
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko	Asphalt Architect. Shingles	FL18355-R4
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson	SP4	10456.43
B. WOOD ANCHORS		HETA 16	11473.3
C. TRUSS PLATES		LISTA 24	10852.4
D. INSULATION FORMS		ABW 66Z	10849.6
E. LINTELS		ABW 44Z	10849.6
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.

NOTES: _____

Residential System Sizing Calculation

Summary

N/A

Project Title:
Lot 34 Emerald Cove

Lake City, FL 32024

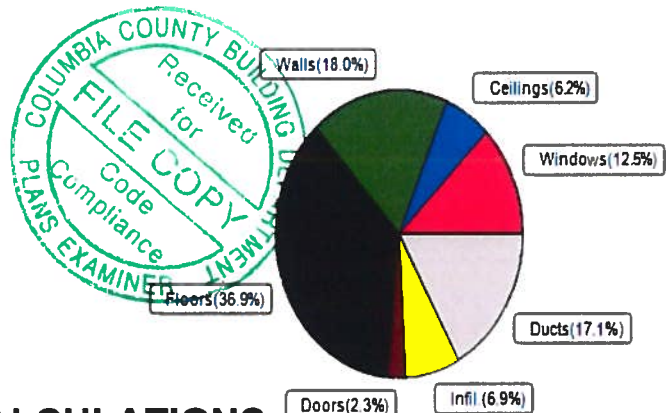
8/5/2019

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	32240	Btuh	Total cooling load calculation	21266	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	100.0	32240	Sensible (SHR = 0.85)	101.7	18076
Heat Pump + Auxiliary(0.0kW)	100.0	32240	Latent	91.2	3190
			Total (Electric Heat Pump)	100.0	21266

WINTER CALCULATIONS

Winter Heating Load (for 1880 sqft)

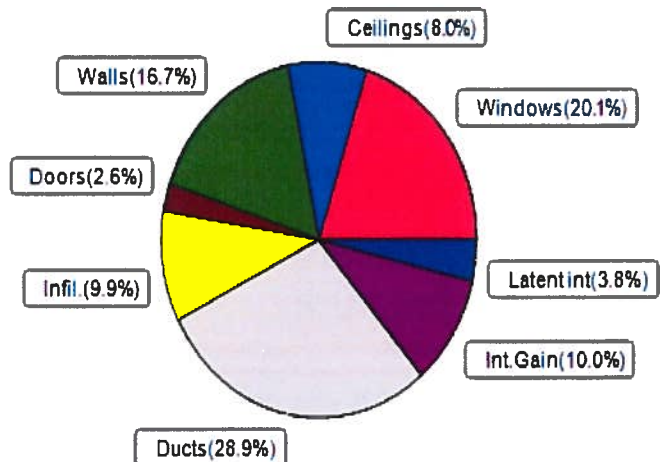
Load component			Load	
Window total	281	sqft	4044	Btuh
Wall total	1638	sqft	5816	Btuh
Door total	40	sqft	736	Btuh
Ceiling total	1974	sqft	2004	Btuh
Floor total	1880	sqft	11894	Btuh
Infiltration	51	cfm	2228	Btuh
Duct loss			5518	Btuh
Subtotal			32240	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			32240	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1880 sqft)

Load component			Load	
Window total	281	sqft	4281	Btuh
Wall total	1638	sqft	3551	Btuh
Door total	40	sqft	552	Btuh
Ceiling total	1974	sqft	1703	Btuh
Floor total			0	Btuh
Infiltration	38	cfm	794	Btuh
Internal gain			2120	Btuh
Duct gain			4765	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			17766	Btuh
Latent gain(ducts)			1382	Btuh
Latent gain(infiltration)			1317	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			800	Btuh
Total latent gain			3499	Btuh
TOTAL HEAT GAIN			21266	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY:

DATE:

[Signature]
8/6/2019

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

N/A

Project Title:
Lot 34 Emerald Cove
Building Type: User

Lake City, FL 32024

8/5/2019

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	16.0		14.4	230 Btuh
2	2, NFRC 0.25	Vinyl	0.36	S	13.3		14.4	192 Btuh
3	2, NFRC 0.25	Vinyl	0.36	S	5.0		14.4	72 Btuh
4	2, NFRC 0.25	Vinyl	0.36	S	36.0		14.4	518 Btuh
5	2, NFRC 0.25	Vinyl	0.36	E	15.0		14.4	216 Btuh
6	2, NFRC 0.25	Vinyl	0.36	N	15.0		14.4	216 Btuh
7	2, NFRC 0.25	Vinyl	0.36	N	62.5		14.4	900 Btuh
8	2, NFRC 0.25	Vinyl	0.36	W	20.0		14.4	288 Btuh
9	2, NFRC 0.25	Vinyl	0.36	N	72.0		14.4	1037 Btuh
10	2, NFRC 0.25	Vinyl	0.36	E	20.0		14.4	288 Btuh
11	2, NFRC 0.25	Vinyl	0.36	W	6.0		14.4	86 Btuh
Window Total					280.8(sqft)			4044 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	113		3.55	401 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	25		3.55	89 Btuh
3	Frame - Wood	- Adj	(0.089)	13.0/0.0	93		3.55	330 Btuh
4	Frame - Wood	- Adj	(0.089)	13.0/0.0	178		3.55	632 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	258		3.55	916 Btuh
6	Frame - Wood	- Ext	(0.089)	13.0/0.0	281		3.55	998 Btuh
7	Frame - Wood	- Ext	(0.089)	13.0/0.0	45		3.55	160 Btuh
8	Frame - Wood	- Ext	(0.089)	13.0/0.0	60		3.55	213 Btuh
9	Frame - Wood	- Ext	(0.089)	13.0/0.0	93		3.55	330 Btuh
10	Frame - Wood	- Ext	(0.089)	13.0/0.0	60		3.55	213 Btuh
11	Frame - Wood	- Ext	(0.089)	13.0/0.0	332		3.55	1177 Btuh
12	Frame - Wood	- Ext	(0.089)	13.0/0.0	101		3.55	357 Btuh
Wall Total					1638(sqft)			5816 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.460)		20		18.4	368 Btuh
2	Insulated - Garage, n		(0.460)		20		18.4	368 Btuh
Door Total					40(sqft)			736Btuh
Ceilings	Type/Color/Surface		Ueff.	R-Value	Area	X	HTM=	Load
1	Vented Attic/L/Shing		(0.025)	38.0/0.0	1974		1.0	2004 Btuh
Ceiling Total					1974(sqft)			2004Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	252.0 ft(perim.)		47.2	11894 Btuh
Floor Total					1880 sqft			11894 Btuh
Envelope Subtotal:								24494 Btuh
Infiltration	Type	Wholehouse	ACH	Volume(cuft)	Wall Ratio	CFM=		Load
	Natural		0.18	16920	1.00	50.9		2228 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

N/A

Lake City, FL 32024

Project Title:
Lot 34 Emerald Cove
Building Type: User

8/5/2019

Duct load	Average sealed, R6.0, Supply(Att), Return(Att) (DLM of 0.206)	5518 Btuh
All Zones	Sensible Subtotal All Zones	32240 Btuh

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	32240 Btuh 0 Btuh 32240 Btuh
---------------------------	--	------------------------------------

EQUIPMENT

1. Electric Heat Pump	#	32240 Btuh
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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

N/A

Project Title:
Lot 34 Emerald Cove

Lake City, FL 32024

8/5/2019

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		1.0ft.	1.0ft.	16.0	16.0	0.0	12	14	194	Btuh
2	2 NFRC	0.25, 0.36	No	No	S		7.5ft.	1.5ft.	13.3	13.3	0.0	12	14	161	Btuh
3	2 NFRC	0.25, 0.36	No	No	S		7.5ft.	0.5ft.	5.0	5.0	0.0	12	14	60	Btuh
4	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	36.0	36.0	0.0	12	14	436	Btuh
5	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	15.0	0.7	14.3	12	31	450	Btuh
6	2 NFRC	0.25, 0.36	No	No	N		1.5ft.	1.0ft.	15.0	0.0	15.0	12	12	181	Btuh
7	2 NFRC	0.25, 0.36	No	No	N		1.5ft.	1.0ft.	62.5	0.0	62.5	12	12	756	Btuh
8	2 NFRC	0.25, 0.36	No	No	W		6.0ft.	1.0ft.	20.0	11.9	8.1	12	31	394	Btuh
9	2 NFRC	0.25, 0.36	No	No	N		9.5ft.	1.0ft.	72.0	0.0	72.0	12	12	871	Btuh
10	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	20.0	1.0	19.0	12	31	600	Btuh
11	2 NFRC	0.25, 0.36	No	No	W		1.5ft.	1.0ft.	6.0	0.5	5.5	12	31	176	Btuh
	Window Total								281 (sqft)					4281 Btuh	
Walls	Type	U-Value		R-Value		Area(sqft)		HTM		Load					
1	Frame - Wood - Ext	0.09	13.0/0.0	113.0	2.3	256	Btuh								
2	Frame - Wood - Ext	0.09	13.0/0.0	25.0	2.3	57	Btuh								
3	Frame - Wood - Adj	0.09	13.0/0.0	93.0	1.7	157	Btuh								
4	Frame - Wood - Adj	0.09	13.0/0.0	178.0	1.7	300	Btuh								
5	Frame - Wood - Ext	0.09	13.0/0.0	258.0	2.3	584	Btuh								
6	Frame - Wood - Ext	0.09	13.0/0.0	281.0	2.3	636	Btuh								
7	Frame - Wood - Ext	0.09	13.0/0.0	45.0	2.3	102	Btuh								
8	Frame - Wood - Ext	0.09	13.0/0.0	60.0	2.3	136	Btuh								
9	Frame - Wood - Ext	0.09	13.0/0.0	93.0	2.3	210	Btuh								
10	Frame - Wood - Ext	0.09	13.0/0.0	60.0	2.3	136	Btuh								
11	Frame - Wood - Ext	0.09	13.0/0.0	331.5	2.3	750	Btuh								
12	Frame - Wood - Ext	0.09	13.0/0.0	100.7	2.3	228	Btuh								
	Wall Total								1638 (sqft)		3551 Btuh				
Doors	Type	U-Value		R-Value		Area (sqft)		HTM		Load					
1	Insulated - Exterior			20.0	13.8	276	Btuh								
2	Insulated - Garage			20.0	13.8	276	Btuh								
	Door Total								40 (sqft)		552 Btuh				
Ceilings	Type/Color/Surface	U-Value		R-Value		Area(sqft)		HTM		Load					
1	Vented AtticLight/Shingle/RB	0.025	38.0/0.0	1974.0	0.86	1703	Btuh								
	Ceiling Total								1974 (sqft)		1703 Btuh				
Floors	Type	U-Value		R-Value		Size		HTM		Load					
1	Slab On Grade			0.0	1880 (ft-perimeter)	0.0	0	Btuh							
	Floor Total								1880.0 (sqft)		0 Btuh				
	Envelope Subtotal:													10087 Btuh	

Manual J Summer Calculations

Residential Load - Component Details (continued)

N/A

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Lot 34 Emerald Cove

Lake City, FL 32024

8/5/2019

Infiltration	Type Natural	Average ACH 0.14	Volume(cuft) 16920	Wall Ratio 1	CFM= 38.2	Load 794 Btuh
Internal gain		Occupants 4	Btuh/occupant X 230	Appliance +	1200	Load 2120 Btuh
	Sensible Envelope Load:					13001 Btuh
Duct load	Average sealed,Supply(R6.0-Attic), Return(R6.0-Attic) (DGM of 0.367)					4765 Btuh
	Sensible Load All Zones					17766 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

N/A

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Lot 34 Emerald Cove

Lake City, FL 32024

8/5/2019

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	13001 Btuh
	Sensible Duct Load	4765 Btuh
	Total Sensible Zone Loads	17766 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	17766 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	1317 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1382 Btuh
	Latent occupant gain (4.0 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	3499 Btuh
	TOTAL GAIN	21266 Btuh

EQUIPMENT

1. Central Unit	#	21266 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

FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Lot 34 Emerald Cove
 Street:
 City, State, Zip: Lake City, FL, 32024
 Owner: N/A
 Design Location: FL, Gainesville

Builder Name: Gibraltar Contracting, Inc.
 Permit Office: Columbia County
 Permit Number:
 Jurisdiction:
 County: Columbia (Florida Climate Zone 2)

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 (ft ²)	1880
Conditioned floor area below grade (ft ²)	0
7. Windows (280.8 sqft.)	Description Area
a. U-Factor:	Dbl, U=0.36 280.83 ft ²
SHGC:	SHGC=0.25
b. U-Factor:	N/A ft ²
SHGC:	
c. U-Factor:	N/A ft ²
SHGC:	
d. U-Factor:	N/A ft ²
SHGC:	
Area Weighted Average Overhang Depth:	4.235 ft.
Area Weighted Average SHGC:	0.250
8. Floor Types (1880.0 sqft.)	Insulation Area
a. Slab-On-Grade Edge Insulation	R=0.0 1880.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²

9. Wall Types (1959.0 sqft.)	Insulation Area
a. Frame - Wood, Exterior	R=13.0 1668.00 ft ²
b. Frame - Wood, Adjacent	R=13.0 291.00 ft ²
c. N/A	R= ft ²
d. N/A	R= ft ²
10. Ceiling Types (1974.0 sqft.)	Insulation Area
a. Under Attic (Vented)	R=38.0 1974.00 ft ²
b. N/A	R= ft ²
c. N/A	R= ft ²
11. Ducts	R ft ²
a. Sup: Attic, Ret: Attic, AH: Garage	6 467.75
12. Cooling systems	kBtu/hr Efficiency
a. Central Unit	21.3 SEER:14.00
13. Heating systems	kBtu/hr Efficiency
a. Electric Heat Pump	32.2 HSPF:8.20
14. Hot water systems	Cap: 40 gallons
a. Electric	EF: 0.920
b. Conservation features	
None	
15. Credits	CF, CV, Pstat

Glass/Floor Area: 0.149

Total Proposed Modified Loads: 53.65
 Total Baseline Loads: 56.57

PASS

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

PREPARED BY: _____

DATE: _____

[Signature]
 8/6/2019

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 R403.3.2.1.
- Compliance requires an Air Barrier and Insulation Inspection Checklist in accordance with R402.4.1.1 and this project requires an envelope leakage test report with envelope leakage no greater than 5.00 ACH50 (R402.4.1.2).

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Lot 34 Emerald Cove	Bedrooms:	4	Address Type:	Lot Information
Building Type:	User	Conditioned Area:	1880	Lot #	34
Owner Name:	N/A	Total Stories:	1	Block/Subdivision:	Emerald Cove
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Gibraltar Contracting, Inc.	Rotate Angle:	0	Street:	
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	Design Temp 97.5 %	2.5 %	Int Design Temp Winter	Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32	92	70	75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1880	16920

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1880	16920	Yes	4	4	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulation	Main	252 ft	0	1880 ft²	----	0	0 1

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	2177 ft²	0 ft²	Medium	Y	0.96	No	0.9	No	0	30.3

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1880 ft²	Y	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	38	Double Batt	1974 ft²	0.11	Wood

INPUT SUMMARY CHECKLIST REPORT

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	Main	13	14	4	9		129.0 ft²		0.23	0.75	0
2	S	Exterior	Frame - Wood	Main	13	6	4	10		63.3 ft²		0.23	0.75	0
3	E	Garage	Frame - Wood	Main	13	10	4	9		93.0 ft²		0.23	0.75	0
4	S	Garage	Frame - Wood	Main	13	22		9		198.0 ft²		0.23	0.75	0
5	E	Exterior	Frame - Wood	Main	13	30	4	9		273.0 ft²		0.23	0.75	0
6	N	Exterior	Frame - Wood	Main	13	39	10	9		358.5 ft²		0.23	0.75	0
7	W	Exterior	Frame - Wood	Main	13	5		9		45.0 ft²		0.23	0.75	0
8	W	Exterior	Frame - Wood	Main	13	8		10		80.0 ft²		0.23	0.75	0
9	N	Exterior	Frame - Wood	Main	13	16	6	10		165.0 ft²		0.23	0.75	0
10	E	Exterior	Frame - Wood	Main	13	8		10		80.0 ft²		0.23	0.75	0
11	W	Exterior	Frame - Wood	Main	13	37	6	9		337.5 ft²		0.23	0.75	0
12	S	Exterior	Frame - Wood	Main	13	13	8	10		136.7 ft²		0.23	0.75	0

DOORS

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

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
1	S	1	Vinyl	Low-E Double	Yes	0.36	0.25	N	16.0 ft²	1 ft 0 in	1 ft 0 in	None	None
2	S	2	Vinyl	Low-E Double	Yes	0.36	0.25	N	13.3 ft²	7 ft 6 in	1 ft 6 in	None	None
3	S	2	Vinyl	Low-E Double	Yes	0.36	0.25	N	5.0 ft²	7 ft 6 in	0 ft 6 in	None	None
4	S	12	Vinyl	Low-E Double	Yes	0.36	0.25	N	36.0 ft²	1 ft 6 in	1 ft 0 in	None	None
5	E	5	Vinyl	Low-E Double	Yes	0.36	0.25	N	15.0 ft²	1 ft 6 in	1 ft 0 in	None	None
6	N	6	Vinyl	Low-E Double	Yes	0.36	0.25	N	15.0 ft²	1 ft 6 in	1 ft 0 in	None	None
7	N	6	Vinyl	Low-E Double	Yes	0.36	0.25	N	62.5 ft²	1 ft 6 in	1 ft 0 in	None	None
8	W	8	Vinyl	Low-E Double	Yes	0.36	0.25	N	20.0 ft²	6 ft 0 in	1 ft 0 in	None	None
9	N	9	Vinyl	Low-E Double	Yes	0.36	0.25	N	72.0 ft²	9 ft 6 in	1 ft 0 in	None	None
10	E	10	Vinyl	Low-E Double	Yes	0.36	0.25	N	20.0 ft²	1 ft 6 in	1 ft 0 in	None	None
11	W	11	Vinyl	Low-E Double	Yes	0.36	0.25	N	6.0 ft²	1 ft 6 in	1 ft 0 in	None	None

GARAGE

✓ #	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
1	480.326 ft²	480.326 ft²	55.67 ft	9 ft	1

INPUT SUMMARY CHECKLIST REPORT

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000286	1410	77.41	145.58	.1128	5

HEATING SYSTEM

<input checked="" type="checkbox"/>	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
<input type="checkbox"/>	1	Electric Heat Pump/	None	HSPF:8.2	32.24 kBtu/hr	1	sys#1

COOLING SYSTEM

<input checked="" type="checkbox"/>	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
<input type="checkbox"/>	1	Central Unit/	None	SEER: 14	21.27 kBtu/hr	630 cfm	0.85	1	sys#1

HOT WATER SYSTEM

<input checked="" type="checkbox"/>	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
<input type="checkbox"/>	1	Electric	None	Garage	0.92	40 gal	40 gal	120 deg	None

SOLAR HOT WATER SYSTEM

<input checked="" type="checkbox"/>	FSEC Cert #	Company Name	System Model #	Collector Model #	Collector Area	Storage Volume	FEF
<input type="checkbox"/>	None	None			ft ²		

DUCTS

<input checked="" type="checkbox"/>	#	--- Supply --- Location	R-Value	Area	--- Return --- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
<input type="checkbox"/>	1	Attic	6	467.75 f	Attic	93.5 ft ²	Default Leakage	Garage	(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 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 type="checkbox"/>	Oct	<input checked="" type="checkbox"/>	Nov	<input checked="" type="checkbox"/>	Dec
Venting	<input type="checkbox"/>	Jan	<input type="checkbox"/>	Feb	<input 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

INPUT SUMMARY CHECKLIST REPORT

Thermostat Schedule: HERS 2006 Reference		Hours											
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM PM	78 80	78 80	78 78	78 78	78 78	78 78	78 78	78 78	80 78	80 78	80 78	80 78
Cooling (WEH)	AM PM	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78	78 78
Heating (WD)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66
Heating (WEH)	AM PM	66 68	66 68	66 68	66 68	66 68	68 68	68 68	68 68	68 68	68 68	68 66	68 66
MASS													
Mass Type		Area		Thickness		Furniture Fraction		Space					
Default(8 lbs/sq.ft.		0 ft²		0 ft		0.3		Main					

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD**ESTIMATED ENERGY PERFORMANCE INDEX* =95****The lower the Energy Performance Index, the more efficient the home.**

1. New home or, addition	1. <u>New (From Plans)</u>	12. Ducts, location & insulation level	
2. Single-family or multiple-family	2. <u>Single-family</u>	a) Supply ducts	R <u>6.0</u>
3. No. of units (if multiple-family)	3. <u>1</u>	b) Return ducts	R <u>6.0</u>
4. Number of bedrooms	4. <u>4</u>	c) AHU location	<u>Garage</u>
5. Is this a worst case? (yes/no)	5. <u>No</u>	13. Cooling system:	Capacity <u>21.3</u>
6. Conditioned floor area (sq. ft.)	6. <u>1880</u>	a) Split system	SEER <u> </u>
7. Windows, type and area		b) Single package	SEER <u> </u>
a) U-factor:(weighted average)	7a. <u>0.360</u>	c) Ground/water source	SEER/COP <u> </u>
b) Solar Heat Gain Coefficient (SHGC)	7b. <u>0.250</u>	d) Room unit/PTAC	EER <u> </u>
c) Area	7c. <u>280.8</u>	e) Other	<u>14.0</u>
8. Skylights		14. Heating system:	Capacity <u>32.2</u>
a) U-factor:(weighted average)	8a. <u>NA</u>	a) Split system heat pump	HSPF <u> </u>
b) Solar Heat Gain Coefficient (SHGC)	8b. <u>NA</u>	b) Single package heat pump	HSPF <u> </u>
9. Floor type, insulation level:		c) Electric resistance	COP <u> </u>
a) Slab-on-grade (R-value)	9a. <u>0.0</u>	d) Gas furnace, natural gas	AFUE <u> </u>
b) Wood, raised (R-value)	9b. <u> </u>	e) Gas furnace, LPG	AFUE <u> </u>
c) Concrete, raised (R-value)	9c. <u> </u>	f) Other	<u>8.20</u>
10. Wall type and insulation:		15. Water heating system	
A. Exterior:		a) Electric resistance	EF <u>0.92</u>
1. Wood frame (Insulation R-value)	10A1. <u>13.0</u>	b) Gas fired, natural gas	EF <u> </u>
2. Masonry (Insulation R-value)	10A2. <u> </u>	c) Gas fired, LPG	EF <u> </u>
B. Adjacent:		d) Solar system with tank	EF <u> </u>
1. Wood frame (Insulation R-value)	10B1. <u>13.0</u>	e) Dedicated heat pump with tank	EF <u> </u>
2. Masonry (Insulation R-value)	10B2. <u> </u>	f) Heat recovery unit	HeatRec% <u> </u>
11. Ceiling type and insulation level		g) Other	
a) Under attic	11a. <u>38.0</u>	16. HVAC credits claimed (Performance Method)	
b) Single assembly	11b. <u> </u>	a) Ceiling fans	<u>Yes</u>
c) Knee walls/skylight walls	11c. <u> </u>	b) Cross ventilation	<u>Yes</u>
d) Radiant barrier installed	11d. <u>Yes</u>	c) Whole house fan	<u>No</u>
		d) Multizone cooling credit	<u> </u>
		e) Multizone heating credit	<u> </u>
		f) Programmable thermostat	<u>Yes</u>

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

I certify that this home has complied with the Florida Building Code, Energy Conservation, 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: Lake City, FL 32024

Envelope Leakage Test Report (Blower Door Test)

Residential Prescriptive, Performance or ERI Method Compliance

2017 Florida Building Code, Energy Conservation, 6th Edition

Jurisdiction:

Permit #:

Job Information

Builder: Gibraltar Contracting, Inc. Community: Lot: 34

Address:

City: Lake City State: FL Zip: 32024

Air Leakage Test Results *Passing results must meet either the Performance, Prescriptive, or ERI Method*

☐ **PRESCRIPTIVE METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding 7 air changes per hour at a pressure of 0.2 inch w.g. (50 Pascals) in Climate Zones 1 and 2.

☐ **PERFORMANCE or ERI METHOD**-The building or dwelling unit shall be tested and verified as having an air leakage rate of not exceeding the selected ACH(50) value, as shown on Form R405-2017 (Performance) or R406-2017 (ERI), section labeled as infiltration, sub-section ACH50.
ACH(50) specified on Form R405-2017-Energy Calc (Performance) or R406-2017 (ERI): 5.000

$$\frac{\text{CFM}(50)}{\text{Building Volume}} \times 60 \div \frac{16920}{\text{ACH}(50)} =$$

☐ **PASS**

☐ When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.

Method for calculating building volume:

- ☐ Retrieved from architectural plans
☒ Code software calculated
☐ Field measured and calculated

R402.4.1.2 Testing. Testing shall be conducted in accordance with ANSI/RESNET/ICC 380 and reported at a pressure of 0.2 inch w.g. (50 Pascals). Testing shall be conducted by either individuals as defined in Section 553.993(5) or (7) *Florida Statutes* or individuals licensed as set forth in Section 489.105(3)(f), (g), or (i) or an approved third party. A written report of the results of the test shall be signed by the party conducting the test and provided to the *code official*. Testing shall be performed at any time after creation of all penetrations of the *building thermal envelope*.

During testing:

1. Exterior windows and doors, fireplace and stove doors shall be closed, but not sealed, beyond the intended weatherstripping or other infiltration control measures.
2. Dampers including exhaust, intake, makeup air, back draft and flue dampers shall be closed, but not sealed beyond intended infiltration control measures.
3. Interior doors, if installed at the time of the test, shall be open.
4. Exterior doors for continuous ventilation systems and heat recovery ventilators shall be closed and sealed.
5. Heating and cooling systems, if installed at the time of the test, shall be turned off.
6. Supply and return registers, if installed at the time of the test, shall be fully open.

Testing Company

Company Name: _____ Phone: _____

I hereby verify that the above Air Leakage results are in accordance with the 2017 6th Edition Florida Building Code Energy Conservation requirements according to the compliance method selected above.

Signature of Tester: _____ Date of Test: _____

Printed Name of Tester: _____

License/Certification #: _____ Issuing Authority: _____