

Columbia County New Building Permit Application

CASH one

For Office Use Only Application # 44609 Date Received 2/26 By [Signature] Permit # 39448

Zoning Official LW/UT Date 2-27-20 Flood Zone X Land Use RLO Zoning R5F-2

FEMA Map # _____ Elevation _____ MFE _____ River _____ Plans Examiner J.C. Date 3-12-20

Comments _____

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. 20-0150 OR City Water Fax _____

Applicant (Who will sign/pickup the permit) James M Lipscomb Phone 386.623.9141

Address 331 SE Woods Terrace, Lake City, FL 32025

Owners Name DELTA OMEGA PROPERTIES INC Phone (386) 752-9626

911 Address 875 SW CHESTERFIELD CIR, Lake City, FL 32024

Contractors Name James Lipscomb Phone (386) 623-9141

Address 184 SW Dominos Way, Ste 104, Lake City, FL 32025

Contractor Email Lipscomb04@gmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____



Bonding Co. Name & Address _____

Architect/Engineer Name & Address NICHOLAS P. GEISLER, A.R. 1758 NW Broward Rd

Mortgage Lenders Name & Address LAKE CITY, FL 32055

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

Property ID Number 24-4S-16-03117-114 Estimated Construction Cost \$140,000

Subdivision Name Crosswinds Lot 14 Block _____ Unit _____ Phase 1

Driving Directions from a Major Road from FL-47 S, Follow SW Main Blvd and FL-47 S to County Rd 242, Turn R onto County Rd 242, Turn R onto SW Arrowhead Terrace, Turn L onto SW Cannon Creek Dr, Turn L toward SW Chesterfield Cir, Turn R onto SW Chesterfield Cir, Lot is the 1st on the R

Construction of Single Family Residence _____ Commercial OR Residential

Proposed Use/Occupancy Residential 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 _____ Side _____ Side _____ Rear _____

Number of Stories 1 Heated Floor Area 1,677 Total Floor Area 2,560 Acreage 0.53

Zoning Applications applied for (Site & Development Plan, Special Exception, etc.) sent email 2.26.20 stew spoke w/ James 3.6.20

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.

RHETT SMITHEY [Signature] ****Property owners must sign here before any permit will be issued.**
Print Owners Name Owners Signature

****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.

James M. Lipscomb Contractor's License Number CBC1253543
Contractor's Signature Columbia County Competency Card Number 496

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 20 day of February 2020.

Personally known or Produced Identification _____

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

SEAL:  MICHELLE L. LASHLEY
MY COMMISSION # GG 016830
EXPIRES: July 31, 2020
Bonded Thru Budget Notary Services

August 8, 2019

Ms. Laurie Hodson
Office Manager
Columbia County Building and Zoning Department
135 NE Hernando Ave, Suite B-21
Lake City, FL 32055

Re.: Finished floor elevation (F.F.E.) exemption
Project: Crosswinds Subdivision Lot 14 Proposed Residence
Parcel Id No.: 24-4S-16-03117-114
Site Address: 875 Chesterfield Circle

Dear Ms. Hodson

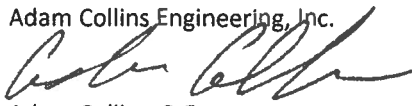
It is the intent of this letter to designate the proposed residential construction on the parcel listed above as exempt from the finished floor elevation requirements stated in section 4.2.40 of the Columbia County Land Development Regulations.

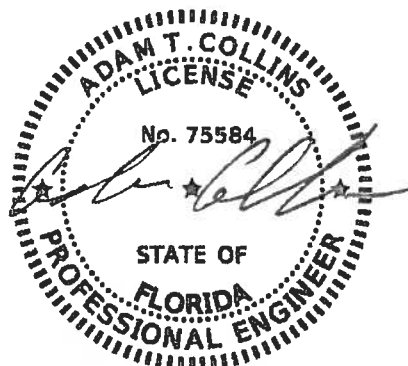
I attest that the parcel is not located within a designated floodplain per Suwannee River Water Management District Effective Flood Information Report and the current FEMA FIRM panel #12023C0381D and #12023C0293D. The proposed residential construction shall have a minimum F.F.E. of (4) inches above the crown of the adjacent roadway. This letter serves only to provide the required documentation for the F.F.E. exemption listed in section 4.2.40.1. This letter shall not indemnify the contractor from ensuring positive drainage away from the structure on all sides, as well as, directing said runoff downhill or to the closest adjacent storm-water conveyance mechanism. All construction activities on the aforementioned parcel are the responsibility of others.

This letter does not imply that land outside the areas of special flood hazard or uses permitted within such areas will be free from flooding or flood damages. The degree of flood protection offered by the elevation parameters cited above are considered reasonable for regulatory purposes and is based on scientific and engineering consideration. Larger floods can and will occur on rare occasions. Flood heights may be increased by man-made or natural causes. This letter shall not create liability on the part of Adam Collins Engineering, Inc., or its officers for any flood damages that may result from these scenarios.

I hereby certify that the F.F.E. listed above will protect the structure against water damage from a base flood event, as defined in article 8 of the Land Development Regulations.

Best Regards,
Adam Collins Engineering, Inc.


Adam Collins, P.E.
President
FLPE No.: 75584
CA No.: 31728



Digitally signed by Adam Collins
DN: c=US, st=Florida, l=Live Oak,
o=Adam Collins, cn=Adam Collins,
email=adam@collinseng.com
Date: 2019.08.08 15:24:11 -04'00'
Adobe Acrobat version:
2019.012.20035

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 44609 JOB NAME DELTA OMEGA Properties, Inc

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 checked="" type="checkbox"/>	Print Name <u>Nervin Hines</u> Signature <u>[Signature]</u>	<u>Need</u> Lic Liab W/C EX DE
CC# <u>1647</u>	Company Name: <u>Hines Electrical + Comm.</u> License #: <u>EG13003393</u> Phone #: <u>352-472-4277</u>	
MECHANICAL/A/C <input checked="" type="checkbox"/>	Print Name <u>DAVID HALL</u> Signature <u>[Signature]</u>	<u>Need</u> Lic Liab W/C EX DE
CC# <u>568</u>	Company Name: <u>DAVID HALL'S, INC</u> License #: <u>CACO57424</u> Phone #: <u>386-755-9792</u>	
PLUMBING/GAS <input checked="" type="checkbox"/>	Print Name <u>Coly Burt</u> Signature <u>[Signature]</u>	<u>Need</u> Lic Liab W/C EX DE
CC# <u>716</u>	Company Name: <u>Burt Plumbing</u> License #: <u>CFC1127195</u> Phone #: <u>386 623-0509</u>	
ROOFING <input checked="" type="checkbox"/>	Print Name <u>Kevin Badenbaugh</u> Signature <u>[Signature]</u>	<u>Need</u> Lic Liab W/C EX DE
CC# <u>1056</u>	Company Name: <u>Plumb Level Consto</u> License #: <u>CCC#1329482</u> Phone #: <u>386 365 5264</u>	
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____	<u>Need</u> Lic Liab W/C EX DE
CC# _____	Company Name: _____ License #: _____ Phone #: _____	
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____	<u>Need</u> Lic Liab W/C EX DE
CC# _____	Company Name: _____ License #: _____ Phone #: _____	
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____	<u>Need</u> Lic Liab W/C EX DE
CC# _____	Company Name: _____ License #: _____ Phone #: _____	
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____	<u>Need</u> Lic Liab W/C EX DE
CC# _____	Company Name: _____ License #: _____ Phone #: _____	

Legend

2018Aerials



Parcels

Roads

Roads

others

Dirt

Interstate

Main

Other

Paved

Private

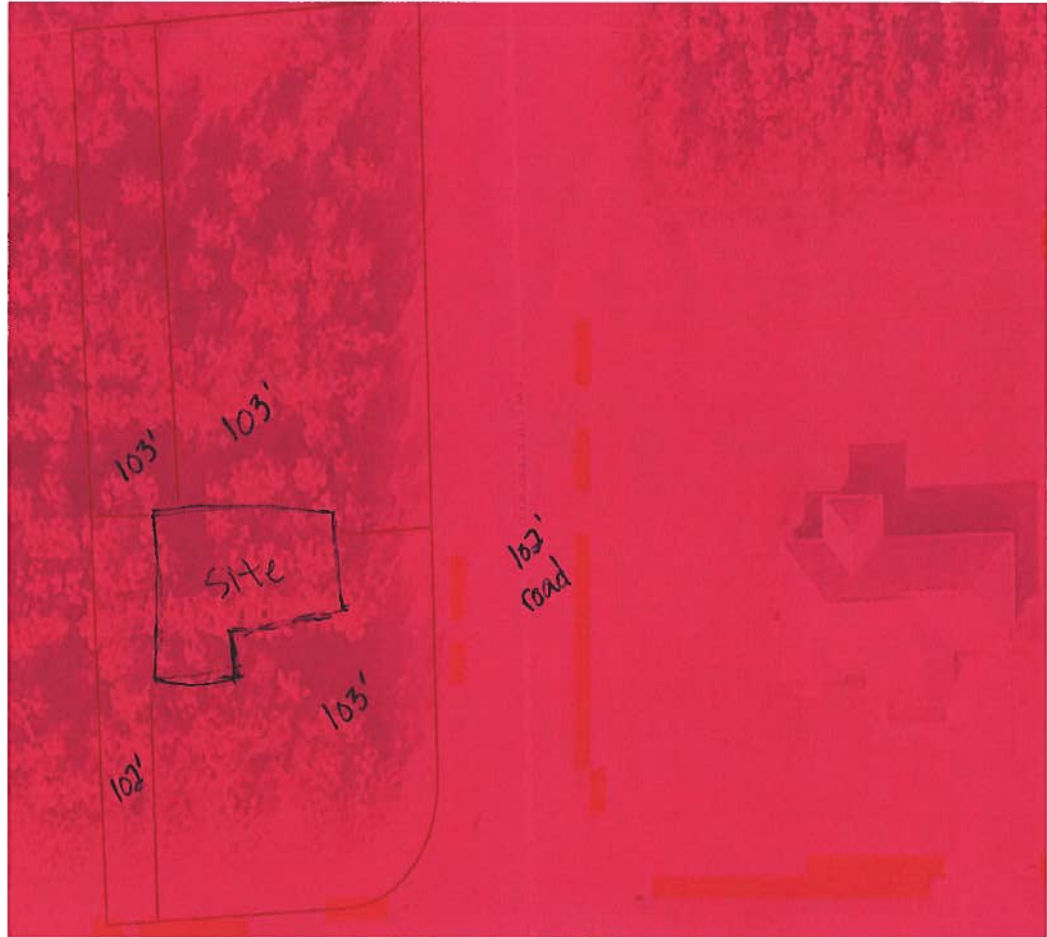
SRWMD Wetlands

LidarElevations



Columbia County, FLA - Building & Zoning Property Map

Printed: Thu Feb 27 2020 10:00:48 GMT-0500 (Eastern Standard Time)



Parcel Information

Parcel No: 24-4S-16-03117-114

Owner: DELTA OMEGA PROPERTIES INC

Subdivision: CROSSWINDS PHASE 1

Lot: 14

Acres: 0.5257781

Deed Acres:

District: District 3 Bucky Nash

Future Land Uses: Residential - Low

Flood Zones:

Official Zoning Atlas: RSF-2

2018 Flood Zones

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.

111.65'

15'-0" REAR SETBACK

○ APPROX. WELL LOCATION

RHETT SMITHEY
MODEL 1677
LOT 14, CROSSWINDS

111'-2"

18'-6"

64'-8"

28'-6"

211.15'

10'-0" SIDE SETBACK

50'-0"

50'-0"

DRIVEWAY

20'-0" FRONT SETBACK

20'-0" STREET SIDE SETBACK

211.15'

SEPTIC TANK

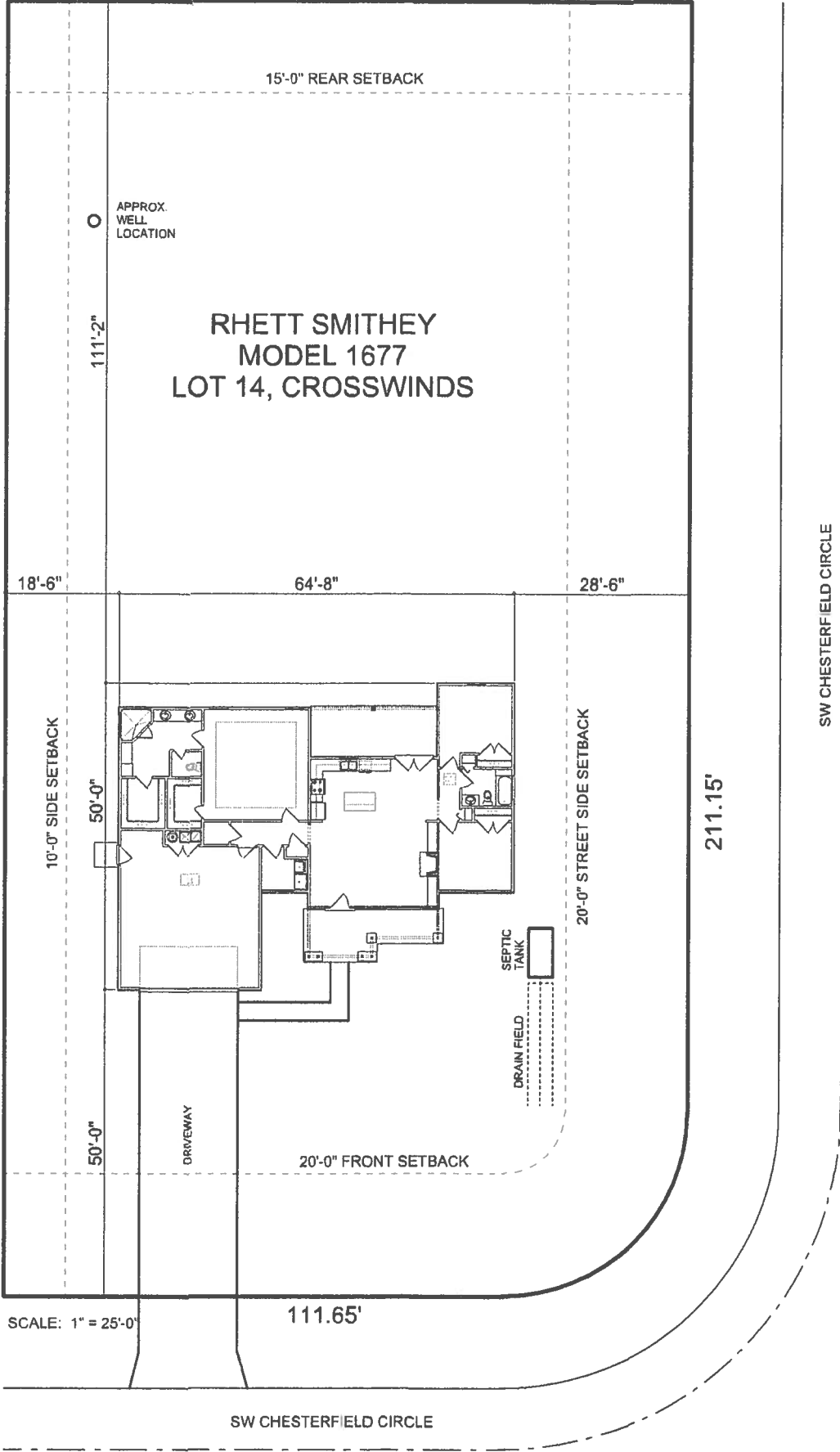
DRAIN FIELD

SCALE: 1" = 25'-0"

111.65'

SW CHESTERFIELD CIRCLE

SW CHESTERFIELD CIRCLE



NOTICE OF COMMENCEMENT

Tax Parcel Identification Number: 24-4S-16-03117-114

Clerk's Office Stamp
Inst: 202012004678 Date: 02/26/2020 Time: 12:28PM
Page 1 of 1 B: 1406 P: 1451, P.DeWitt Cason, Clerk of Court
Columbia, County, By: PT 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 14 CROSSWINDS S/D-PHASE 1. QC 1152-452
a) Street (job) Address: 875 SW CHESTERFIELD CIR, Lake City, FL 32024
2. General description of improvements: New Single Family Home Construction
3. Owner Information or Lessee Information if the Lessee contracted for the improvements:
a) Name and address: DELTA OMEGA PROPERTIES INC, 3454 SW CR 242, LAKE CITY, FL 32024
b) Name and address of fee-simple titleholder (if other than owner)
c) Interest in property
4. Contractor Information
a) Name and address: Lipscomb & Eagle Development, Inc. 184 SW Dominos Way, Ste 104, Lake City, FL 32025
b) Telephone No.: (386) 623-9141
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: None
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: James M. Lipscomb 331 SE Woods Terrace, Lake City, FL 32025
b) Telephone No.: (386) 623-9141
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: James M. Lipscomb OF Lipscomb & Eagle Development, Inc.
b) Telephone No.: (386) 623-9141
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. [Signature]
Signature of Owner or Lessee, or Owner's or Lessee's Authorized Office/Director/Partner/Manager
Rhett Smalley
Printed Name and Signatory's Title/Office

The foregoing instrument was acknowledged before me, a Florida Notary, this 26 day of February, 2020, by:
Rhett Smalley as Owner for DELTA OMEGA PROPERTIES INC
(Name of Person) (Type of Authority) (name of party on-behalf of whom instrument was executed)

Personally Known X OR Produced Identification Type

Notary Signature [Handwritten Signature]

Notary Stamp or Seal:



MICHELLE L. LASHLEY
MY COMMISSION # GG 016830
EXPIRES: July 31, 2020
Bonded Thru Budget Notary Services

Columbia County Property Appraiser

2020 Working Values

updated: 2/11/2020

Parcel: 24-4S-16-03117-114

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

<< Next Lower Parcel Next Higher Parcel >>

2019 TRIM (pdf)

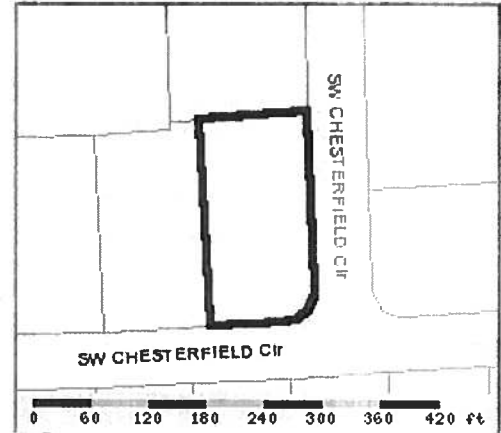
Interactive GIS Map

Print

Owner & Property Info

Search Result: 1 of 1

Owner's Name	DELTA OMEGA PROPERTIES INC		
Mailing Address	3454 SW CR 242 LAKE CITY, FL 32024		
Site Address	875 SW CHESTERFIELD CIR		
Use Desc. (code)	TIMBERLAND (005500)		
Tax District	2 (County)	Neighborhood	24416
Land Area	0.530 ACRES	Market Area	06
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction. LOT 14 CROSSWINDS S/D PHASE 1. QC 1152-452		



Property & Assessment Values

2019 Certified Values	
Mkt Land Value	cnt: (1) \$0.00
Ag Land Value	cnt: (0) \$204.00
Building Value	cnt: (0) \$0.00
XFOB Value	cnt: (0) \$0.00
Total Appraised Value	\$204.00
Just Value	\$15,500.00
Class Value	\$204.00
Assessed Value	\$204.00
Exempt Value	\$0.00
Total Taxable Value	Cnty: \$204 Other: \$204 Schl: \$204

2020 Working Values	
Mkt Land Value	cnt: (1) \$0.00
Ag Land Value	cnt: (0) \$204.00
Building Value	cnt: (0) \$0.00
XFOB Value	cnt: (0) \$0.00
Total Appraised Value	\$204.00
Just Value	\$15,500.00
Class Value	\$204.00
Assessed Value	\$204.00
Exempt Value	\$0.00
Total Taxable Value	Cnty: \$204 Other: \$204 Schl: \$204

NOTE: 2020 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
NONE						

Building Characteristics

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

Extra Features & Out Buildings

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

Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
005500	TIMBER 2 (AG)	0.53 AC	1.00/1.00/1.00/1.00	\$385.00	\$204.00
009910	MKT.VAL.AG (MKT)	1 LT - (0000000.000AC)	1.00/1.00/1.00/1.00	\$0.00	\$15,500.00

Columbia County Property Appraiser

updated: 2/11/2020

DISCLAIMER



Department of State / Division of Corporations / Search Records / Detail By Document Number /

Detail by Entity Name

Florida Profit Corporation
DELTA OMEGA PROPERTIES, INC.

Filing Information

Document Number	P04000026348
FE/EIN Number	20-0832353
Date Filed	02/10/2004
State	FL
Status	ACTIVE
Last Event	REINSTATEMENT
Event Date Filed	09/28/2010

Principal Address

3484 SW CR 242
LAKE CITY, FL 32024

Changed: 03/25/2013

Mailing Address

3484 SW CR 242
LAKE CITY, FL 32024

Changed: 03/25/2013

Registered Agent Name & Address

SMITHEY, JAMES R
3484 SW CR 242
LAKE CITY, FL 32024

Address Changed: 03/25/2013

Officer/Director Detail

Name & Address

Title D

SMITHEY, JAMES R
3484 SW CR 242
LAKE CITY, FL 32024

Title D

SMITHEY, JAMES R

SMITHLEY, BRYAN D
 1490 NW BROWN RD
 LAKE CITY, FL 32055

Annual Reports

Report Year	Filed Date
2018	01/25/2018
2019	02/27/2019
2020	01/29/2020

Document Images

01/29/2020 -- ANNUAL REPORT	View image in PDF format
02/27/2019 -- ANNUAL REPORT	View image in PDF format
01/25/2018 -- ANNUAL REPORT	View image in PDF format
03/15/2017 -- ANNUAL REPORT	View image in PDF format
02/04/2016 -- ANNUAL REPORT	View image in PDF format
02/17/2015 -- ANNUAL REPORT	View image in PDF format
01/11/2014 -- ANNUAL REPORT	View image in PDF format
03/25/2013 -- ANNUAL REPORT	View image in PDF format
02/20/2012 -- ANNUAL REPORT	View image in PDF format
01/07/2011 -- ANNUAL REPORT	View image in PDF format
09/28/2010 -- REINSTATEMENT	View image in PDF format
03/26/2009 -- ANNUAL REPORT	View image in PDF format
09/23/2008 -- ANNUAL REPORT	View image in PDF format
04/23/2008 -- ANNUAL REPORT	View image in PDF format
04/13/2007 -- ANNUAL REPORT	View image in PDF format
01/03/2006 -- ANNUAL REPORT	View image in PDF format
02/14/2005 -- ANNUAL REPORT	View image in PDF format
02/10/2004 -- Domestic Profit	View image in PDF format

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: **3/5/2020 3:31:56 PM**
Address: **875 SW CHESTERFIELD Cir**
City: **LAKE CITY**
State: **FL**
Zip Code **32024**

Parcel ID **03117-114**

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

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

March 2, 2020

To: Columbia County Building Department

Description of Well to be installed for Customer _____ Lipscome Const _____

Located @ Address: ___ Lot 14 Cross Winds Sub ___

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
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM
APPLICATION FOR CONSTRUCTION PERMIT

App #44609

PERMIT NO. 20-0150
DATE PAID: 3/21/20
FEE PAID: 318.00
RECEIPT #: 1420070

APPLICATION FOR:

New System Existing System Holding Tank Innovative
 Repair Abandonment Temporary

APPLICANT: Delta Omega Properties

AGENT: ROCKY FORD, A & B CONSTRUCTION

TELEPHONE: 386-497-2311

MAILING ADDRESS: 546 SW Dortch Street, FT. WHITE, FL, 32038

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: 14 BLOCK: Ph 1 SUB: Crosswinds PLATTED: 4/20/15

PROPERTY ID #: 24-4S-16-03117-114 ZONING: Res I/M OR EQUIVALENT: Y / N

PROPERTY SIZE: .53 ACRES WATER SUPPLY: PRIVATE PUBLIC <=2000GPD >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? Y / N DISTANCE TO SEWER: NA FT

PROPERTY ADDRESS: 875 Chesterfield Circle Lake City FL

DIRECTIONS TO PROPERTY: 90 West Left on Sisters Welcome Rd Left on SW Kicklighter Ter Left on SW Cannon Creek Dr Right on SW Chesterfield Circle to lot 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	SF Residential	3	1677	
2				
3				

Floor/Equipment Drains Other (Specify) _____

SIGNATURE: William D. Bishop II

DATE: 2/21/2020

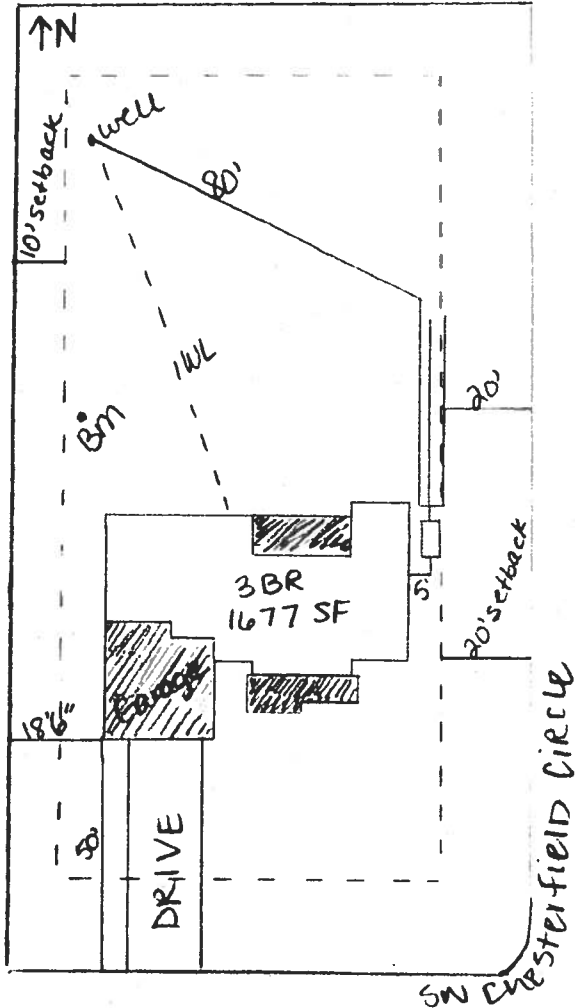
STATE OF FLORIDA
DEPARTMENT OF HEALTH
APPLICATION FOR ONSITE SEWAGE DISPOSAL SYSTEM CONSTRUCTION PERMIT

Permit Application Number 20-0150

*Delta Omega Prop.
(Lt. 14 Crosswinds)*

PART II - SITEPLAN

Scale: 1 inch = 40 feet.



Notes:

Site Plan submitted by: William D. Bishop II

MASTER CONTRACTOR

Plan Approved

Not Approved

Date 2/24/2020

By Stew Kilm

Columbia

County Health Department

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH DEPARTMENT

Residential System Sizing Calculation

Summary

N/A

Project Title:
Lot 14 Crosswinds

Lake City, FL 32025

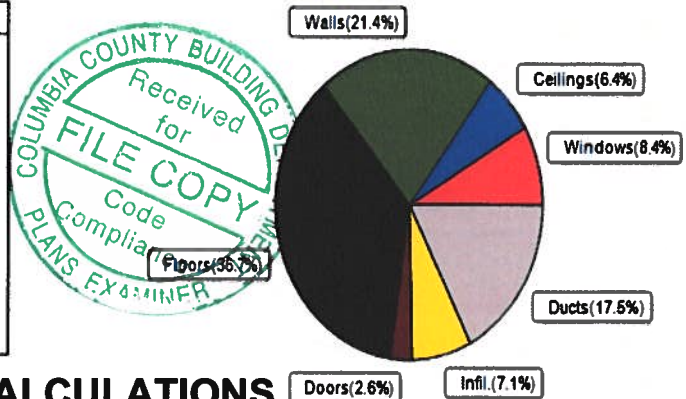
2/18/2020

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	28116 Btuh	Total cooling load calculation	18913 Btuh		
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh		
Total (Electric Heat Pump)	100.0 28116	Sensible (SHR = 0.70)	86.4 13239		
Heat Pump + Auxiliary(0.0kW)	100.0 28116	Latent	158.2 5674		
		Total (Electric Heat Pump)	100.0 18913		

WINTER CALCULATIONS

Winter Heating Load (for 1677 sqft)

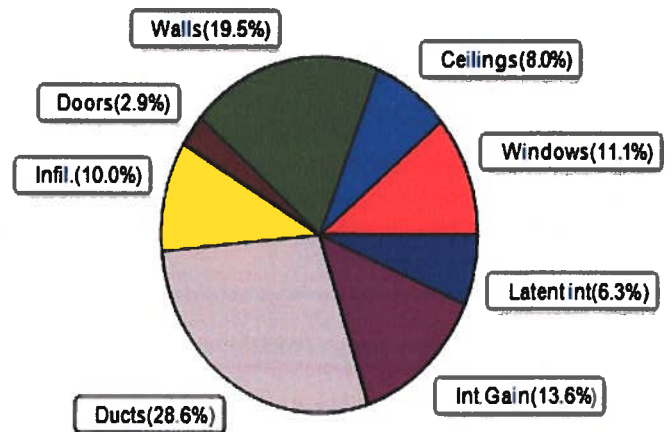
Load component	Load		
Window total	163 sqft	2352	Btuh
Wall total	1696 sqft	6020	Btuh
Door total	40 sqft	736	Btuh
Ceiling total	1760 sqft	1787	Btuh
Floor total	1677 sqft	10321	Btuh
Infiltration	45 cfm	1987	Btuh
Duct loss		4912	Btuh
Subtotal		28116	Btuh
Ventilation	0 cfm	0	Btuh
TOTAL HEAT LOSS		28116	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 1677 sqft)

Load component	Load		
Window total	163 sqft	2090	Btuh
Wall total	1696 sqft	3688	Btuh
Door total	40 sqft	552	Btuh
Ceiling total	1760 sqft	1519	Btuh
Floor total		0	Btuh
Infiltration	34 cfm	708	Btuh
Internal gain		2580	Btuh
Duct gain		4189	Btuh
Sens. Ventilation	0 cfm	0	Btuh
Blower Load		0	Btuh
Total sensible gain		15326	Btuh
Latent gain(ducts)		1212	Btuh
Latent gain(infiltration)		1175	Btuh
Latent gain(ventilation)		0	Btuh
Latent gain(internal/occupants/other)		1200	Btuh
Total latent gain		3587	Btuh
TOTAL HEAT GAIN		18913	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: _____

DATE: _____

[Signature]
2/18/2020

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

N/A

Project Title:
 Lot 14 Crosswinds
 Building Type: User

Lake City, FL 32025

2/18/2020

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	9.0		14.4	130 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	30.0		14.4	432 Btuh
4	2, NFRC 0.25	Vinyl	0.36	S	15.0		14.4	216 Btuh
5	2, NFRC 0.25	Vinyl	0.36	E	4.0		14.4	58 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	20.0		14.4	288 Btuh
8	2, NFRC 0.25	Vinyl	0.36	N	9.0		14.4	130 Btuh
9	2, NFRC 0.25	Vinyl	0.36	N	30.0		14.4	432 Btuh
10	2, NFRC 0.25	Vinyl	0.36	N	4.0		14.4	58 Btuh
11	2, NFRC 0.25	Vinyl	0.36	W	4.0		14.4	58 Btuh
12	2, NFRC 0.25	Vinyl	0.36	N	10.0		14.4	144 Btuh
	Window Total				163.3(sqft)			2352 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	60		3.55	213 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	129		3.55	457 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	96		3.55	341 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	302		3.55	1072 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	99		3.55	351 Btuh
6	Frame - Wood	- Ext	(0.089)	13.0/0.0	108		3.55	383 Btuh
7	Frame - Wood	- Ext	(0.089)	13.0/0.0	147		3.55	522 Btuh
8	Frame - Wood	- Ext	(0.089)	13.0/0.0	72		3.55	256 Btuh
9	Frame - Wood	- Ext	(0.089)	13.0/0.0	248		3.55	880 Btuh
10	Frame - Wood	- Ext	(0.089)	13.0/0.0	176		3.55	625 Btuh
11	Frame - Wood	- Adj	(0.089)	13.0/0.0	190		3.55	675 Btuh
12	Frame - Wood	- Adj	(0.089)	13.0/0.0	69		3.55	245 Btuh
	Wall Total				1696(sqft)			6020 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	1760		1.0	1787 Btuh
	Ceiling Total				1760(sqft)			1787Btuh
Floors	Type		Ueff.	R-Value	Size	X	HTM=	Load
1	Slab On Grade		(1.180)	0.0	218.7 ft(perim.)		47.2	10321 Btuh
	Floor Total				1677 sqft			10321 Btuh
Envelope Subtotal:								21216 Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

N/A

Lake City, FL 32025

Project Title:
Lot 14 Crosswinds
Building Type: User

2/18/2020

Infiltration	Type Natural	Wholehouse ACH 0.18	Volume(cuft) 15093	Wall Ratio 1.00	CFM= 45.4	1987 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att)				(DLM of 0.212)	4912 Btuh
All Zones	Sensible Subtotal All Zones					28116 Btuh

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	28116 Btuh 0 Btuh 28116 Btuh
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EQUIPMENT

1. Electric Heat Pump	#	28116 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 14 Crosswinds

Lake City, FL 32025

2/18/2020

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	Omt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded	
1	2 NFRC	0.25, 0.36	No	No	S	1.5ft.	1.0ft.	9.0	9.0	0.0	12	14	109 Btuh	
2	2 NFRC	0.25, 0.36	No	No	S	6.5ft.	1.0ft.	13.3	13.3	0.0	12	14	161 Btuh	
3	2 NFRC	0.25, 0.36	No	No	S	6.5ft.	1.0ft.	30.0	30.0	0.0	12	14	363 Btuh	
4	2 NFRC	0.25, 0.36	No	No	S	1.5ft.	1.0ft.	15.0	15.0	0.0	12	14	181 Btuh	
5	2 NFRC	0.25, 0.36	No	No	E	1.5ft.	1.0ft.	4.0	1.0	3.0	12	31	105 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	9.5ft.	1.0ft.	20.0	0.0	20.0	12	12	242 Btuh	
8	2 NFRC	0.25, 0.36	No	No	N	9.5ft.	1.0ft.	9.0	0.0	9.0	12	12	109 Btuh	
9	2 NFRC	0.25, 0.36	No	No	N	1.5ft.	1.0ft.	30.0	0.0	30.0	12	12	363 Btuh	
10	2 NFRC	0.25, 0.36	No	No	N	1.5ft.	1.0ft.	4.0	0.0	4.0	12	12	48 Btuh	
11	2 NFRC	0.25, 0.36	No	No	W	1.5ft.	1.0ft.	4.0	1.0	3.0	12	31	105 Btuh	
12	2 NFRC	0.25, 0.36	No	No	N	9.5ft.	1.0ft.	10.0	0.0	10.0	12	12	121 Btuh	
Window Total								163 (sqft)					2090 Btuh	
Walls	Type	U-Value	R-Value	Area(sqft)		HTM	Load							
1	Frame - Wood - Ext	0.09	13.0/0.0	60.0		2.3	136 Btuh							
2	Frame - Wood - Ext	0.09	13.0/0.0	128.7		2.3	291 Btuh							
3	Frame - Wood - Ext	0.09	13.0/0.0	96.0		2.3	217 Btuh							
4	Frame - Wood - Ext	0.09	13.0/0.0	302.0		2.3	684 Btuh							
5	Frame - Wood - Ext	0.09	13.0/0.0	99.0		2.3	224 Btuh							
6	Frame - Wood - Ext	0.09	13.0/0.0	108.0		2.3	244 Btuh							
7	Frame - Wood - Ext	0.09	13.0/0.0	147.0		2.3	333 Btuh							
8	Frame - Wood - Ext	0.09	13.0/0.0	72.0		2.3	163 Btuh							
9	Frame - Wood - Ext	0.09	13.0/0.0	248.0		2.3	561 Btuh							
10	Frame - Wood - Ext	0.09	13.0/0.0	176.0		2.3	398 Btuh							
11	Frame - Wood - Adj	0.09	13.0/0.0	190.0		1.7	320 Btuh							
12	Frame - Wood - Adj	0.09	13.0/0.0	69.0		1.7	116 Btuh							
Wall Total				1696 (sqft)			3688 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	1760.0	0.86	1519 Btuh								
Ceiling Total				1760 (sqft)		1519 Btuh								
Floors	Type	U-Value	R-Value	Size	HTM	Load								
1	Slab On Grade		0.0	1677 (ft-perimeter)	0.0	0 Btuh								
Floor Total				1677.0 (sqft)		0 Btuh								
Envelope Subtotal:						7849 Btuh								

Manual J Summer Calculations

Residential Load - Component Details (continued)

N/A

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
 Lot 14 Crosswinds

Lake City, FL 32025

2/18/2020

Infiltration	Type Natural	Average ACH 0.14	Volume(cuft) 15093	Wall Ratio 1	CFM= 34.0	Load 708 Btuh
Internal gain		Occupants 6	Btuh/occupant X 230	+	Appliance 1200	Load 2580 Btuh
		Sensible Envelope Load:				11137 Btuh
Duct load	Average sealed,Supply(R6.0-Attic), Return(R6.0-Attic) (DGM of 0.376)					4189 Btuh
		Sensible Load All Zones				15326 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

N/A

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Lot 14 Crosswinds

Lake City, FL 32025

2/18/2020

WHOLE HOUSE TOTALS

Whole House Totals for Cooling	Sensible Envelope Load All Zones	11137 Btuh
	Sensible Duct Load	4189 Btuh
	Total Sensible Zone Loads	15326 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	15326 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	1175 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1212 Btuh
	Latent occupant gain (6.0 people @ 200 Btuh per person)	1200 Btuh
	Latent other gain	0 Btuh
	Latent total gain	3587 Btuh
TOTAL GAIN	18913 Btuh	

EQUIPMENT

1. Central Unit	#		18913 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

INPUT SUMMARY CHECKLIST REPORT

PROJECT													
Title:	Lot 14 Crosswinds	Bedrooms:	3	Address Type:	Lot Information								
Building Type:	User	Conditioned Area:	1677	Lot #:	14								
Owner Name:	N/A	Total Stories:	1	Block/Subdivision:	Crosswinds								
# of Units:	1	Worst Case:	No	PlatBook:									
Builder Name:	Rhett Smithey	Rotate Angle:	0	Street:									
Permit Office:	Columbia County	Cross Ventilation:	Yes	County:	Columbia								
Jurisdiction:		Whole House Fan:	No	City, State, Zip:	Lake City , FL , 32025								
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	1677	15093										
SPACES													
Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated			
1	Main	1677	15093	Yes	6	3	1	Yes	Yes	Yes			
FLOORS													
✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet			
_____	1	Slab-On-Grade Edge Insulation	Main	218.6667 ft	0	1677 ft²	----	0	0	1			
ROOF													
✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	2016 ft²	560 ft²	Medium	Y	0.96	No	0.9	No	0	33.7
ATTIC													
✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC						
_____	1	Full attic	Vented	300	1677 ft²	Y	N						
CEILING													
✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type					
_____	1	Under Attic (Vented)	Main	38	Double Batt	1760 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	7	8	9		69.0 ft²		0.23	0.75	0
2	S	Exterior	Frame - Wood	Main	13	21	4	9		192.0 ft²		0.23	0.75	0
3	S	Exterior	Frame - Wood	Main	13	12	4	9		111.0 ft²		0.23	0.75	0
4	E	Exterior	Frame - Wood	Main	13	34		9		306.0 ft²		0.23	0.75	0
5	N	Exterior	Frame - Wood	Main	13	12	8	9		114.0 ft²		0.23	0.75	0
6	W	Exterior	Frame - Wood	Main	13	12		9		108.0 ft²		0.23	0.75	0
7	N	Exterior	Frame - Wood	Main	13	20	8	9		186.0 ft²		0.23	0.75	0
8	E	Exterior	Frame - Wood	Main	13	8		9		72.0 ft²		0.23	0.75	0
9	N	Exterior	Frame - Wood	Main	13	31	4	9		282.0 ft²		0.23	0.75	0
10	W	Exterior	Frame - Wood	Main	13	20		9		180.0 ft²		0.23	0.75	0
11	S	Garage	Frame - Wood	Main	13	23	4	9		210.0 ft²		0.23	0.75	0
12	W	Garage	Frame - Wood	Main	13	7	8	9		69.0 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	9.0 ft²	1 ft 6 in	1 ft 0 in	None	None
2	S	2	Vinyl	Low-E Double	Yes	0.36	0.25	N	13.3 ft²	6 ft 6 in	1 ft 0 in	None	None
3	S	2	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0 ft²	6 ft 6 in	1 ft 0 in	None	None
4	S	3	Vinyl	Low-E Double	Yes	0.36	0.25	N	15.0 ft²	1 ft 6 in	1 ft 0 in	None	None
5	E	4	Vinyl	Low-E Double	Yes	0.36	0.25	N	4.0 ft²	1 ft 6 in	1 ft 0 in	None	None
6	N	5	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	7	Vinyl	Low-E Double	Yes	0.36	0.25	N	20.0 ft²	9 ft 6 in	1 ft 0 in	None	None
8	N	7	Vinyl	Low-E Double	Yes	0.36	0.25	N	9.0 ft²	9 ft 6 in	1 ft 0 in	None	None
9	N	9	Vinyl	Low-E Double	Yes	0.36	0.25	N	30.0 ft²	1 ft 6 in	1 ft 0 in	None	None
10	N	9	Vinyl	Low-E Double	Yes	0.36	0.25	N	4.0 ft²	1 ft 6 in	1 ft 0 in	None	None
11	W	10	Vinyl	Low-E Double	Yes	0.36	0.25	N	4.0 ft²	1 ft 6 in	1 ft 0 in	None	None
12	N	7	Vinyl	Low-E Double	Yes	0.36	0.25	N	10.0 ft²	9 ft 6 in	1 ft 0 in	None	None

GARAGE

✓ #	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
1	598 ft²	598 ft²	65.333 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	1257.8	69.05	129.86	.1128	5					
HEATING SYSTEM													
<input checked="" type="checkbox"/>	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts					
<input type="checkbox"/>	1	Electric Heat Pump/	None	Single	HSPF:8.2	28.12 kBtu/hr	1	sys#1					
COOLING SYSTEM													
<input checked="" type="checkbox"/>	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts			
<input type="checkbox"/>	1	Central Unit/	None	Single	SEER: 14	18.91 kBtu/hr	570 cfm	0.7	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	50 gal	40 gal	120 deg	None				
SOLAR HOT WATER SYSTEM													
<input checked="" type="checkbox"/>	FSEC	Company Name	System Model#	Collector Model#	Collector Area	Storage Volume	FEF						
<input type="checkbox"/>	None	None			ft ²								
DUCTS													
<input checked="" type="checkbox"/>	#	--- Supply ---		--- Return ---		Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC #	
<input type="checkbox"/>	1	Attic	6	411.5 ft ²	Attic	82.3 ft ²	Default Leakage	Garage	(Default) c	(Default) c		1	1
TEMPERATURES													
Programable Thermostat: Y							Ceiling Fans:						
Cooling	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Heating	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Venting	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

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	78	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	78
Cooling (WEH)	AM	78	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	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68	68
	PM	68	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	68
	PM	68	68	68	68	68	68	68	68	68	68	68	66	66
MASS														
Mass Type		Area		Thickness		Furniture Fraction		Space						
Default(8 lbs/sq.ft.)		0 ft ²		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.

<p>1. New home or, addition</p> <p>2. Single-family or multiple-family</p> <p>3. No. of units (if multiple-family)</p> <p>4. Number of bedrooms</p> <p>5. Is this a worst case? (yes/no)</p> <p>6. Conditioned floor area (sq. ft.)</p> <p>7. Windows, type and area</p> <p style="margin-left: 20px;">a) U-factor:(weighted average)</p> <p style="margin-left: 20px;">b) Solar Heat Gain Coefficient (SHGC)</p> <p style="margin-left: 20px;">c) Area</p> <p>8. Skylights</p> <p style="margin-left: 20px;">a) U-factor:(weighted average)</p> <p style="margin-left: 20px;">b) Solar Heat Gain Coefficient (SHGC)</p> <p>9. Floor type, insulation level:</p> <p style="margin-left: 20px;">a) Slab-on-grade (R-value)</p> <p style="margin-left: 20px;">b) Wood, raised (R-value)</p> <p style="margin-left: 20px;">c) Concrete, raised (R-value)</p> <p>10. Wall type and insulation:</p> <p style="margin-left: 20px;">A. Exterior:</p> <p style="margin-left: 40px;">1. Wood frame (Insulation R-value)</p> <p style="margin-left: 40px;">2. Masonry (Insulation R-value)</p> <p style="margin-left: 20px;">B. Adjacent:</p> <p style="margin-left: 40px;">1. Wood frame (Insulation R-value)</p> <p style="margin-left: 40px;">2. Masonry (Insulation R-value)</p> <p>11. Ceiling type and insulation level</p> <p style="margin-left: 20px;">a) Under attic</p> <p style="margin-left: 20px;">b) Single assembly</p> <p style="margin-left: 20px;">c) Knee walls/skylight walls</p> <p style="margin-left: 20px;">d) Radiant barrier installed</p>	<p>1. <u>New (From Plans)</u></p> <p>2. <u>Single-family</u></p> <p>3. <u>1</u></p> <p>4. <u>3</u></p> <p>5. <u>No</u></p> <p>6. <u>1677</u></p> <p>7a. <u>0.360</u></p> <p>7b. <u>0.250</u></p> <p>7c. <u>163.3</u></p> <p>8a. <u>NA</u></p> <p>8b. <u>NA</u></p> <p>9a. <u>0.0</u></p> <p>9b. _____</p> <p>9c. _____</p> <p>10A1. <u>13.0</u></p> <p>10A2. _____</p> <p>10B1. <u>13.0</u></p> <p>10B2. _____</p> <p>11a. <u>38.0</u></p> <p>11b. _____</p> <p>11c. _____</p> <p>11d. <u>Yes</u></p>	<p>12. Ducts, location & insulation level</p> <p style="margin-left: 20px;">a) Supply ducts R <u>6.0</u></p> <p style="margin-left: 20px;">b) Return ducts R <u>6.0</u></p> <p style="margin-left: 20px;">c) AHU location <u>Garage</u></p> <p>13. Cooling system: Capacity <u>18.9</u></p> <p style="margin-left: 20px;">a) Split system SEER _____</p> <p style="margin-left: 20px;">b) Single package SEER _____</p> <p style="margin-left: 20px;">c) Ground/water source SEER/COP _____</p> <p style="margin-left: 20px;">d) Room unit/PTAC EER _____</p> <p style="margin-left: 20px;">e) Other _____ <u>14.0</u></p> <p>14. Heating system: Capacity <u>28.1</u></p> <p style="margin-left: 20px;">a) Split system heat pump HSPF _____</p> <p style="margin-left: 20px;">b) Single package heat pump HSPF _____</p> <p style="margin-left: 20px;">c) Electric resistance COP _____</p> <p style="margin-left: 20px;">d) Gas furnace, natural gas AFUE _____</p> <p style="margin-left: 20px;">e) Gas furnace, LPG AFUE _____</p> <p style="margin-left: 20px;">f) Other _____ <u>8.20</u></p> <p>15. Water heating system</p> <p style="margin-left: 20px;">a) Electric resistance EF <u>0.92</u></p> <p style="margin-left: 20px;">b) Gas fired, natural gas EF _____</p> <p style="margin-left: 20px;">c) Gas fired, LPG EF _____</p> <p style="margin-left: 20px;">d) Solar system with tank EF _____</p> <p style="margin-left: 20px;">e) Dedicated heat pump with tank EF _____</p> <p style="margin-left: 20px;">f) Heat recovery unit HeatRec% _____</p> <p style="margin-left: 20px;">g) Other _____</p> <p>16. HVAC credits claimed (Performance Method)</p> <p style="margin-left: 20px;">a) Ceiling fans _____</p> <p style="margin-left: 20px;">b) Cross ventilation <u>Yes</u></p> <p style="margin-left: 20px;">c) Whole house fan <u>No</u></p> <p style="margin-left: 20px;">d) Multizone cooling credit _____</p> <p style="margin-left: 20px;">e) Multizone heating credit _____</p> <p style="margin-left: 20px;">f) Programmable thermostat <u>Yes</u></p>
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*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 32025

Envelope Leakage Test Report (Blower Door Test)

Residential Prescriptive, Performance or ERI Method Compliance 2017 Florida Building Code, Energy Conservation, 6th Edition

Jurisdiction:	Permit #:
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Job Information

Builder: Rhett Smithey	Community:	Lot: 14
Address:		
City: Lake City	State: FL	Zip: 32025

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

$\frac{\text{CFM}(50)}{\text{Building Volume}} \times 60 \div \frac{15093}{\text{ACH}(50)} =$ <div style="text-align: center; font-size: 2em; font-weight: bold;">PASS</div> <p><input type="checkbox"/> When ACH(50) is less than 3, Mechanical Ventilation installation must be verified by building department.</p>	<p>Method for calculating building volume:</p> <p><input type="radio"/> Retrieved from architectural plans</p> <p><input checked="" type="radio"/> Code software calculated</p> <p><input type="radio"/> Field measured and calculated</p>
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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: _____



**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.)	1,677	Total (Sq. Ft.) under roof	2,560	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		
5	Dimensions of all building set backs	Yes		
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		
7	Provide a full legal description of property.	Yes		

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		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)		Yes		
11	Wind importance factor and nature of occupancy		Yes		
12	The applicable internal pressure coefficient, Components and Cladding		Yes		
13	The design wind pressure in terms of psf (kN/m ²), to be used for the design of exterior component, cladding materials not speciffally designed by the registered design professional.		Yes		

Elevations Drawing including:

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

Floor Plan Including:

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

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)

<p>GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</p>	<p>Items to Include- Each Box shall be Circled as Applicable</p>
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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		
31	All posts and/or column footing including size and reinforcing	NA		
32	Any special support required by soil analysis such as piling.	NA		
33	Assumed load-bearing value of soil Pound Per Square Foot	Yes		
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	Yes		

FBCR 506: CONCRETE SLAB ON GRADE

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

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		
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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	Yes		
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	NA		

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

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		
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Select from Drop down

53	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	Yes		
54	Fastener schedule for structural members per table FBC-R602.3.2 are to be shown	Yes		
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		
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		
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		
58	Indicate where pressure treated wood will be placed	Yes		
59	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	Yes		
60	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	Yes		

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

72	Include all materials which will make up the roof assembles covering	Yes		
73	Submit Florida Product Approval numbers for each component of the roof assembles covering	Yes		

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		
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Select from Drop Down

74	Show the insulation R value for the following areas of the structure	Yes		
75	Attic space	Yes		
76	Exterior wall cavity	Yes		
77	Crawl space	NA		

HVAC information

78	Submit two copies of a Manual J sizing equipment or equivalent computation study	Yes		
79	Exhaust fans shown in bathrooms Mechanical exhaust capacity of 50 cfm intermittent or 20 cfm continuous required	Yes		
80	Show clothes dryer route and total run of exhaust duct	No		

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

86	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	Yes		
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		
88	Show the location of smoke detectors & Carbon monoxide detectors	Yes		
89	Show service panel, sub-panel, location(s) and total ampere ratings	Yes		
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		
91	Appliances and HVAC equipment and disconnects	Yes		
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		

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
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****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		
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		
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	Yes		
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	Yes		
97	Toilet facilities shall be provided for all construction sites	Yes		
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.	NA		
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		
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.	NA		
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	NA		
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		
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		

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	Masonite Int.	Fiberglass doors	FL8228-1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	Atrium	S/H Windows	FL20100-1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED	Atrium	Fixed Windows	FL20471-1
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	James Hardie	Fiber Cement Siding	FL13192-2
B. SOFFITS	James Hardie	Hardie Soffit	FL13265-1
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER	James Hardie	Hardie Shakes	FL13192-4
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	GAF	Timberline HD Shingles	FL10124-1
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER	Underlayment Gaf	Tiger Paw	FL10626-1
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson	Wood Connectors	FL10007-R7
B. WOOD ANCHORS			
C. TRUSS PLATES			
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.

NOTES: _____

