

DATE 04/29/2019

Columbia County Building Permit

PERMIT

This Permit Must Be Prominently Posted on Premises During Construction

000038049

APPLICANT ISAIAH CULLY PHONE 386-867-0086
ADDRESS 818 W DUVAL ST LAKE CITY FL 32055
OWNER JAMES DAVID WALLER & ALICA WALLER PHONE 229-921-6212
ADDRESS 217 SW UPSTAGE GLEN LAKE CITY FL 32024
CONTRACTOR ISAIAH CULLY PHONE 386-867-0086
LOCATION OF PROPERTY 441 S. R TUSTENUGGEE AVE, R MANDIBA, R CUSTOME MADE.
L UPSTAGE, 2ND ON RIGHT
TYPE DEVELOPMENT SFD, UTILITY ESTIMATED COST OF CONSTRUCTION 269850.00
HEATED FLOOR AREA 3473.00 TOTAL AREA 5397.00 HEIGHT STORIES 1
FOUNDATION CONCRETE WALLS FRAMED ROOF PITCH FLOOR SLAB
LAND USE & ZONING PRRD MAX. HEIGHT 35
Minimum Set Back Requirments: STREET-FRONT 30.00 REAR 25.00 SIDE 25.00
NO. EX.D.U. 0 FLOOD ZONE X DEVELOPMENT PERMIT NO.

PARCEL ID 18-5S-17-09280-149 SUBDIVISION THE OAKS OF LAKE CITY
LOT 49 BLOCK PHASE I UNIT TOTAL ACRES 4.51

000002800 CBC1259655 X
Culvert Permit No. Culvert Waiver Contractor's License Number Applicant/Owner/Contractor
CULVERT PERMIT 19-0277 LH TC N
Driveway Connection Septic Tank Number LU & Zoning checked by Approved for Issuance New Resident Time/STUP No.

COMMENTS: MINIMUM FLOOR ELEVATION PER PLAT IS 81', NEED ELEVATON LETTER
AT SLAB

Check # or Cash 3992

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

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

BUILDING PERMIT FEE \$ 1350.00 CERTIFICATION FEE \$ 26.98 SURCHARGE FEE \$ 26.98
MISC. FEES \$ 0.00 ZONING CERT. FEE \$ 50.00 FIRE FEE \$ 0.00 WASTE FEE \$
PLAN REVIEW FEE \$ 338.00 DP & FLOOD ZONE FEE \$ 25.00 CULVERT FEE \$ 25.00 TOTAL FEE 1841.96

INSPECTORS OFFICE CLERKS OFFICE

NOTICE: IN ADDITION TO THE REQUIREMENTS OF THIS PERMIT, THERE MAY BE ADDITIONAL RESTRICTIONS APPLICABLE TO THIS PROPERTY THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

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

"WARNING TO OWNER: YOUR FAILURE TO RECORD A NOTICE OF COMMENCEMENT MAY RESULT IN YOUR PAYING TWICE FOR IMPROVEMENTS TO YOUR PROPERTY. IF YOU INTEND TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE RECORDING YOUR NOTICE OF COMMENCEMENT."

EVERY PERMIT ISSUED SHALL BECOME INVALID UNLESS THE WORK AUTHORIZED BY SUCH PERMIT IS COMMENCED WITHIN 180 DAYS AFTER ITS ISSUANCE, OR IF THE WORK AUTHORIZED BY SUCH PERMIT IS SUSPENDED OR ABANDONED FOR A PERIOD OF 180 DAYS AFTER THE TIME THE WORK IS COMMENCED. A VALID PERMIT RECIEVES AN APPROVED INSPECTION EVERY 180 DAYS. WORK SHALL BE CONSIDERED NOT SUSPENDED, ABANDONED OR INVALID WHEN THE PERMIT HAS RECIEVED AN APPROVED INSPECTION WITHIN 180 DAYS OT THE PREVIOUS INSPECTION.

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

3992

Alicia Signature on 2nd page

30'25'25'

Columbia County New Building Permit Application

For Office Use Only Application # 1904-43 Date Received 4/15 By JW Permit # 2800/38649
 Zoning Official 7.C Date 4-26-19 Flood Zone X Land Use A8 Zoning PRRD
 FEMA Map # N/A Elevation _____ MFE 81' River N/A Plans Examiner 7.C Date 4-26-19
 Comments Need elevation letter at slab Front 30' Sides 25' Rear 25'
☒ NOC ☒ DEH ☐ 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 ☒ BARRS-48
☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form

Septic Permit No. 19-0271 OR City Water ☐ Fax _____

Applicant (Who will sign/pickup the permit) Isaiah Cully Phone 386-867-0086

Address 818 W Duval lake city FL 32055

Owners Name James David Waller & Alicia Waller (JTWRs) Phone 229.921.6212

911 Address 217 SW Upstage Gln LAKE City, FL 32024

Contractors Name Isaiah Cully Phone 386-867-0086

Address 818 W Duval Lake City, FL 30255

Contractor Email Isaiahcully4@gmail.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Nicholas Geisler, 1879 NW Brown Rd. Lake City, FL. 32055

Mortgage Lenders Name & Address _____

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

Property ID Number 18-5S-17-09280-149 Estimated Construction Cost \$350,000

Subdivision Name Oaks of Lake City Lot 49 Block _____ Unit _____ Phase 1

Driving Directions from a Major Road 441 S to 131, 131 S to Mandiba, Right on mandiba, right on Custom made cir, Left on Upstage, second lot on right

Construction of 1.5 story residence Commercial OR ☒ Residential

Proposed Use/Occupancy Primary Home Number of Existing Dwellings on Property 0

Is the Building Fire Sprinkled? _____ 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 60' Side Rh 200 Side Lh 328 Rear 220'

Number of Stories 1.5 Heated Floor Area 3,473 Total Floor Area 5,397 Acreage 4.51

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

JW sent email 4.16.19

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.

David Waller / Alicia Waller
Print Owners Name

Owners Signature

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

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

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

Contractor's Signature

✓ Contractor's License Number CBC 1259655
Columbia County
Competency Card Number 1179

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 28 day of March 2019.

Personally known ☒ or Produced Identification

SEAL:

State of Florida Notary Signature (For the Contractor)



Columbia County Building Permit Application

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David Waller

Print Owners Name

Owners Signature

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Contractor's Signature

✓ Contractor's License Number CBC 1259655
Columbia County
Competency Card Number 1179

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 28 day of March 2019.

Personally known ☒ or Produced Identification

SEAL:

State of Florida Notary Signature (For the Contractor)



Prepared by:
Elaine R. Davis
American Title Services of Lake City, Inc.
321 SW Main Boulevard, Suite 105
Lake City, Florida 32025

Inst: 201812025875 Date: 12/14/2018 Time: 4:04PM
Page 1 of 1 B: 1374 P: 1238, P.DeWitt Cason, Clerk of Court
Columbia, County, By: PT
Deputy ClerkDoc Stamp-Deed: 381.50

File Number: 18-473

General Warranty Deed

Made this December 14, 2018 A.D.

By **OAKS OF LAKE CITY, LLC**, a Florida Limited Liability Company, whose address is: P.O. Box 513, Lake City, Florida 32056, hereinafter called the grantor,

To **JAMES D. WALLER and ALICIA E. WALLER**, joint tenants with rights of survivorship, whose post office address is: 105 Silverwood Court, Moultrie, Georgia 31768, hereinafter called the grantee:

(Whenever used herein the term "grantor" and "grantee" include all the parties to this instrument and the heirs, legal representatives and assigns of individuals, and the successors and assigns of corporations)

Witnesseth, that the grantor, for and in consideration of the sum of Ten Dollars, (\$10.00) and other valuable considerations, receipt whereof is hereby acknowledged, hereby grants, bargains, sells, aliens, remises, releases, conveys and confirms unto the grantee, all that certain land situate in Columbia County, Florida, viz:

LOT 49, OAKS OF LAKE CITY PHASE I, a subdivision according to the plat thereof recorded in Plat Book 9, Pages 46 - 52, of the Public Records of **COLUMBIA COUNTY, FLORIDA**.

Parcel ID Number: 09280-149

Together with all the tenements, hereditaments and appurtenances thereto belonging or in anywise appertaining.

To Have and to Hold, the same in fee simple forever.

And the grantor hereby covenants with said grantee that the grantor is lawfully seized of said land in fee simple; that the grantor has good right and lawful authority to sell and convey said land; that the grantor hereby fully warrants the title to said land and will defend the same against the lawful claims of all persons whomsoever; and that said land is free of all encumbrances except taxes accruing subsequent to December 31, 2018.

In Witness Whereof, the said grantor has signed and sealed these presents the day and year first above written.

Signed, sealed and delivered in our presence:

Lisa E. Martin
Witness Printed Name Lisa E. Martin

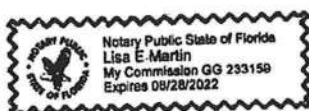
Debbie G. Moore
Witness Printed Name Debbie G. Moore

OAKS OF LAKE CITY, LLC

Bradley N. Dicks (Seal)
BRADLEY N. DICKS/ Managing Member and Registered Agent
Address: P.O. Box 513, Lake City, Florida 32056

State of **FLORIDA**
County of **COLUMBIA**

The foregoing instrument was acknowledged before me this 14th day of December, 2018, by **BRADLEY N. DICKS**, the Managing Member and Registered Agent of **OAKS OF LAKE CITY, LLC**, a Florida Limited Liability Company, who is/are personally known to me or who has produced **DRIVERS LICENSE** as identification.



Lisa E. Martin
Notary Public
Print Name: Lisa E. Martin
My Commission Expires: _____

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1904-43 JOB NAME walker

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>Dennis Conklin</u> Signature <u>Dennis Conklin</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
CC# <u>871</u>	Company Name: <u>D+S Electric</u> <u>EVERTON RUDDOCK</u> License #: <u>13003800</u> Phone #: <u>386 397-5731</u>	
MECHANICAL/A/C <input checked="" type="checkbox"/>	Print Name <u>Clint Wilson</u> Signature <u>Clint Wilson</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
CC# <u>802</u>	Company Name: <u>Wilson Heat & Air</u> License #: <u>CACG 57886</u> Phone #: <u>386 496-9000</u>	
PLUMBING/GAS <input checked="" type="checkbox"/>	Print Name <u>Cody Barrs</u> Signature <u>Cody Barrs</u>	Need <input checked="" type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
CC# <u>915</u>	Company Name: <u>Barrs Plumbing</u> License #: <u>CPL1427145</u> Phone #: <u>356 623-0509</u>	
ROOFING <input checked="" type="checkbox"/>	Print Name <u>Caleb Laughlin</u> Signature <u>Caleb Laughlin</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
CC# <u>494</u>	Company Name: <u>Precision Exteriors</u> License #: <u>CCC 1327718</u> Phone #: <u>386-867-1439</u>	
SHEET METAL <input type="checkbox"/>	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
CC# _____	Company Name: _____ License #: _____ Phone #: _____	
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	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
CC# _____	Company Name: _____ License #: _____ Phone #: _____	
SOLAR <input type="checkbox"/>	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
CC# _____	Company Name: _____ License #: _____ Phone #: _____	
STATE SPECIALTY <input type="checkbox"/>	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
CC# _____	Company Name: _____ License #: _____ Phone #: _____	

Columbia County Property Appraiser

Jeff Hampton

2018 Tax Roll Year

updated: 3/5/2019

Parcel: << 18-5S-17-09280-149 >>

Owner & Property Info

Owner	WALLER JAMES D & ALICIA E WALLER (JTWS) 105 SILVERWOOD COURT MOULTRIE, GA 31768		
Site			
Description*	LOT 49 OAKS OF LAKE CITY PHS 1 WD 1374-1238,		
Area	4.51 AC	S/T/R	18-5S-17
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)	\$41,000	Mkt Land (1)	\$41,000
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (0)	\$0	Building (0)	\$0
XFOB (0)	\$0	XFOB (0)	\$0
Just	\$41,000	Just	\$41,000
Class	\$0	Class	\$0
Appraised	\$41,000	Appraised	\$41,000
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$41,000	Assessed	\$41,000
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$41,000 city:\$41,000 other:\$41,000 school:\$41,000	Total Taxable	county:\$41,000 city:\$41,000 other:\$41,000 school:\$41,000



Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
12/14/2018	\$54,500	1374/1238	WD	V	Q	01

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 - (4.510 AC)	1.00/1.00 1.00/1.00	\$41,000	\$41,000



Columbia County Property Appraiser Jeff Hampton | Lake City, Florida | 386-758-1083

PARCEL: 18-5S-17-09280-149 | VACANT (000000) | 4.51 AC
 LOT 49 OAKS OF LAKE CITY PHS 1 WD 1374-1238,

WALLER JAMES D &

Owner: **ALICIA E WALLER (JTWRS)**
 105 SILVERWOOD COURT
 MOULTRIE, GA 31768

Site: ,
 Sales Info 12/14/2018 \$54,500 V (Q)

2018 Certified Values

Mkt Lnd	\$41,000	Appraised	\$41,000
Ag Lnd	\$0	Assessed	\$41,000
Bldg	\$0	Exempt	\$0
XFOB	\$0		
Just	\$41,000	Total Taxable	county:\$41,000 city:\$41,000 other:\$41,000 school:\$41,000

NOTES:



Columbia County, FL

This information, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office.

GrizzlyLogic.com

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: **3/20/2019 10:30:29 AM**
Address: **217 SW UPSTAGE Gln**
City: **LAKE CITY**
State: **FL**
Zip Code **32024**

Parcel ID **09280-149**

REMARKS: Address for proposed structure on parcel.

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

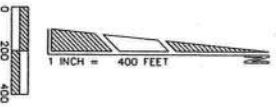
**COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT**

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

DEVELOPER:
Oaks of Lake City, LLC
P.O. Box 2639
Lake City, FL 32056
Contact: Brodley N. Dicks


A PLANNED RESIDENTIAL DEVELOPMENT
IN SECTION 17 & 18, TOWNSHIP 5 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA

PLAT BOOK PAGE 11

[illegible]

DESCRIPTION: The NW 1/4 of Section 17, Township 4 South, Range 17 East, Columbia County, Idaho and on North 87°21'00" East a distance of 11,933.44 feet to a point on the Westeary Right-of-Way line of County Road 313; thence South 00°01'17" West along said Westeary Right-of-Way line a distance of 206.2 feet to the point of curve of a curve concave to the East having a radius of 1,250.00 feet; thence along the angle of 131.05°; thence Southerly along the arc of said curve a distance of 1,171.12 feet to the point of tangency; thence West 91°31'46" East still along said Westeary Right-of-Way line a distance of 208.72 feet; thence South 88°25'39" West a distance of 786.89 feet; thence South 01°35'38" East a distance of 659.33 feet; thence South 71°13'32" East a distance of 818.53 feet to a point on the Westeary Right-of-Way line having a radius of 2,626.65 feet and a central angle of 22°30'07"; thence along the arc of said curve a distance of 1,101.94 feet to the point of tangency; thence South 21°57'46" West still along said Westeary Right-of-Way line a distance of 314.44 feet to a point on the South line of Section 17; thence South 87°28'01" West along said South line of Section 17 a distance of 1,526.65 feet to the point of tangency; thence North 81°23'35" East 2,345.25 feet to the South line of said Section 16 a distance of 1,235.65 feet; thence North 25°39'12" East a distance of 2,422.75 feet; thence North 28°33'13" East a distance of 1,022.88 feet; thence North 63°00'47" East a distance of 471.80 feet; thence South 71°53'13" East a distance of 424.3 feet; thence North 25°39'12" East a distance of 1,654.62 feet to the point of curve of a curve concave to the South having a radius of 1,600.00 feet and a central angle of 42°33'05"; thence Northwesterly along the arc of said curve a distance of 1,501.48 feet to the point of tangency; thence North 69°46'17" West a distance of 404.98 feet to the point of curve of a curve concave to the Northwest having a radius of 750.00 feet and a central angle of 86°30'15"; thence along the arc of said curve a distance of 1,718.65 feet to the point of tangency; thence North 01°09'03" West a distance of 174.85 feet to the point of tangency; thence North 48°11'32" West a distance of 424.40 feet; thence North 02°00'40" West a distance of 450.00 feet; thence North 86°55'39" East a distance of 120.00 feet; thence North 48°03'39" West a distance of 42.30 feet; thence North 02°53'14" West a distance of 113.08 feet; thence North 70°43'43" East a distance of 1,822.22 feet; thence North 88°22'32" East a distance of 686.33 feet; thence North 84°41'15" East a distance of 1,172.12 feet to the point of tangency; thence North 88°25'04" East along said North line of Section 16 a distance of 1,315.28 feet to the POINT OF BEGINNING. Containing 434.33 acres, more or less.

PLAT DATE: 09/27/2007

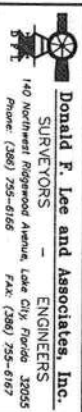

Donald F. Lee and Associates, Inc.
SURVEYORS - ENGINEERS
 140 Northwest Ridgewood Avenue, Lake City, Florida 32054
 Phone / Telex 755-1111 FAX / Telex 755-6111

CURVE DATA			
CURVE	LENGTH	RADIUS	DELTA

[illegible]

DEVELOPER:
Geas of Lake City, LLC
P.O. Box 2639
Lake City, FL 32056
Contact: Brodley N. Dickens
386-752-8985

A PLANNED RESIDENTIAL DEVELOPMENT
IN SECTION 17 & 18, TOWNSHIP 5 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FLORIDA



Laurie Hodson

From: ISIAH CULLY <isaiahc@bellsouth.net>
Sent: Thursday, April 25, 2019 9:48 AM
To: Laurie Hodson
Cc: Troy Crews
Subject: Re: App# 1904-43 Waller Job

Pool house is going to be built-with/Alongside the home. It will be connected to the homes power and it is only a wet bar/outdoor kitchen, no oven.

Isaiah Cully
IC Construction LLC,
CBC1259655
Lake City FL

On Apr 25, 2019, at 8:18 AM, Laurie Hodson <laurie_hodson@columbiacountyfla.com> wrote:

<image001.gif>

Good Morning Isaiah,

On the plans there is a Pool/Guest House, I have a few questions... Are you building this at the same time as the house? Will this be hooked to the same power supply as the main house? Will there be an oven in this building?

Thank you,

Laurie Hodson

Laurie Hodson, Office Manager
Columbia County Building & Zoning Department
135 NE Hernando Ave, Suite B-21,
Lake City, FL 32055
Office: (386) 758-1007
Fax: (386) 758-2160
www.columbiacountyfla.com
laurie_hodson@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

April 17, 2019

To: Alachua County Building Department

Description of Well to be installed for Customer _____IC Construction_____

Located @ Address: _____217 SW UPSTAGE Gln Lake City 32024_____

1.5 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

CR # 10-7144

PERMIT NO. 19-0147
DATE PAID: 4/2/19
FEE PAID: \$18188
RECEIPT #: 406444

APPLICATION FOR:

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

APPLICANT: JAMES DAVID & ALICIA WALLER

AGENT: IC CONSTRUCTION

TELEPHONE: _____

MAILING ADDRESS: P.O. BOX 1174

LAKE CITY

FL 32056

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: N/A BLOCK: N/A SUBDIVISION: METES AND BOUNDS PLATTED: _____

PROPERTY ID #: 18-5S-17-09280-149 ZONING: RES I/M OR EQUIVALENT: ☐ NO ☐

PROPERTY SIZE: 4.510 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ ≤2000GPD ☐ >2000GPD

IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ NO ☐ DISTANCE TO SEWER: N/A FT

PROPERTY ADDRESS: 217 UPSTAGE GLEN LAKE CITY, FL 32024

DIRECTIONS TO PROPERTY:

TAKE 41 SOUTH, TURN RIGHT ON TUSTENUGGEE AVENUE, TURN LEFT ON MANDIBA, TURN RIGHT ON CUSTOM MADE, TURN LEFT ON UPSTAGE, SITE IS 2ND ON THE 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	<u>HOUSE</u>	<u>4</u>	<u>3,555</u>	
2				
3				
4				

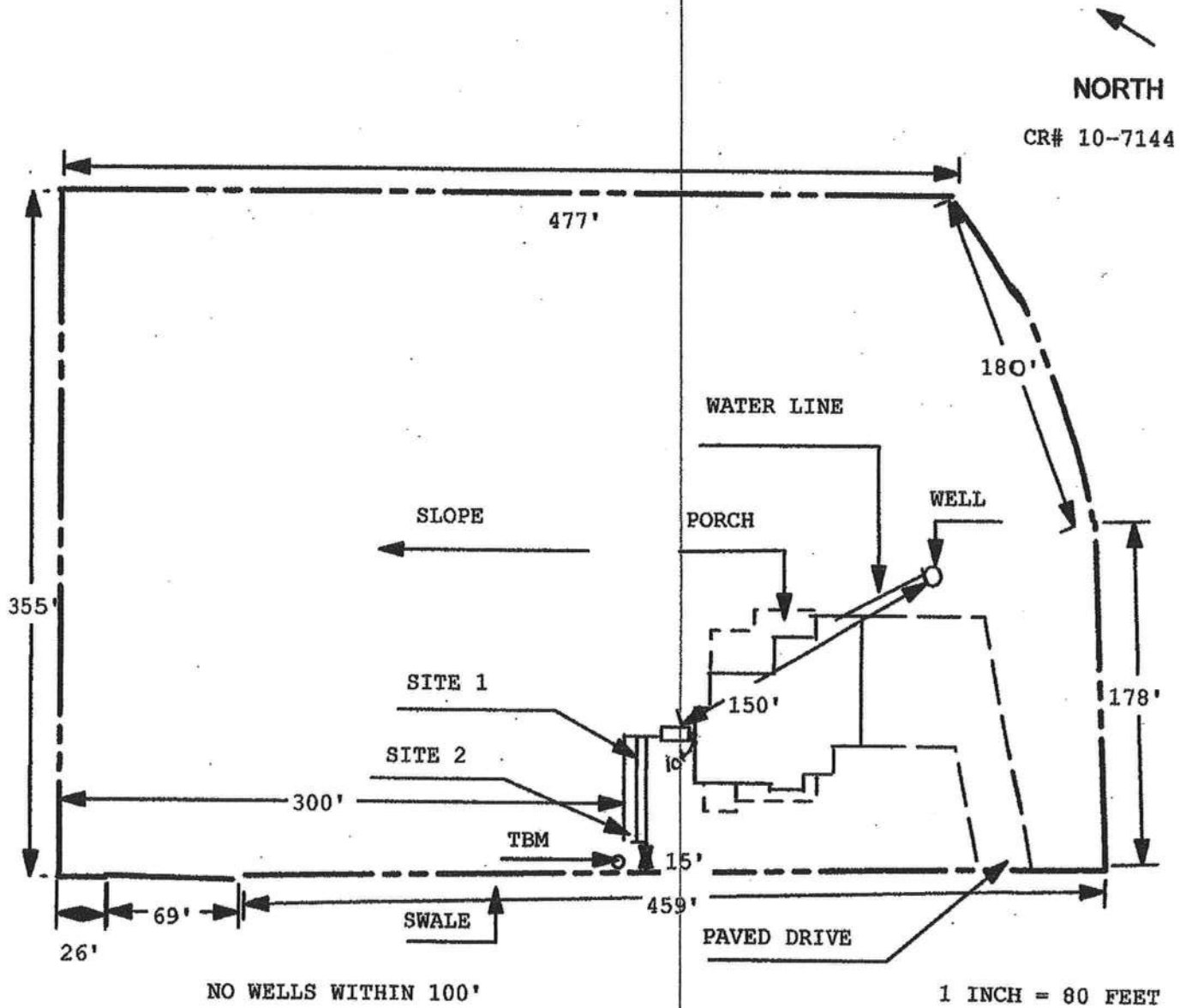
☐ Floor/Equipment Drains ☐ Other (Specify) _____

SIGNATURE: _____

DATE: _____

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**
Permit Application Number: 18-D277

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By _____ Date _____
Plan Approved ☒ Not Approved ☐ Date 4/15/19
By [Signature] ESI Columbia CPHU
Notes: _____



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.) <u>3473</u> Total (Sq. Ft.) under roof <u>5397</u>	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 type="checkbox"/>
5	Dimensions of all building set backs	Yes		<input 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 type="checkbox"/>
7	Provide a full legal description of property.	Yes		<input 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 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 type="checkbox"/>
11	Wind importance factor and nature of occupancy	Yes		<input type="checkbox"/>
12	The applicable internal pressure coefficient, Components and Cladding	Yes		<input 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 specifiably designed by the registered design professional.	Yes		<input type="checkbox"/>

Elevations Drawing including:

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

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.	Yes		<input type="checkbox"/>
33	Assumed load-bearing value of soil _____ Pound Per Square Foot	Yes		<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	Yes		<input type="checkbox"/>

FBCR 506: CONCRETE SLAB ON GRADE

35	Show Vapor retarder (6mil. Polyethylene with joints taped 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	Yes		<input type="checkbox"/>
39	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	-		

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

Floor Framing System: First and/or second story

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

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

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

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

FBCR :ROOF SYSTEMS:

61	Truss design drawing shall meet section FBC-R 802.10.1 Wood trusses	-		
62	Include a layout and truss details, signed and sealed by Florida Professional Engineer	-		
63	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	-		
64	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	-		
65	Provide dead load rating of trusses	-		

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for Residential Building

Residential construction shall comply with this code by using the following compliance methods in the FBCR Chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, 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	Yes		<input type="checkbox"/>
84	Reservoir pressure tank gallon capacity	NA		<input type="checkbox"/>
85	Rating of cycle stop valve if used	No		<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
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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.	-		<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	-		<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	-		
97	Toilet facilities shall be provided for all construction sites	-		
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.	-		
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)	-		
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.	-		
101	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	-		
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.	-		
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.	-		

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.

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	Plast Pro	fiberglass door	FL# 14803.1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	YKK	Single hung Vinyl	#17169.1
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	James hardi	Cement lap siding	13192.r4
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	GAF	Architecual Asphalt shingles	11651.28 r1
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS			
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: _____

Residential System Sizing Calculation

Summary

Project Title:
Waller Residence

Lake City, FL 32024

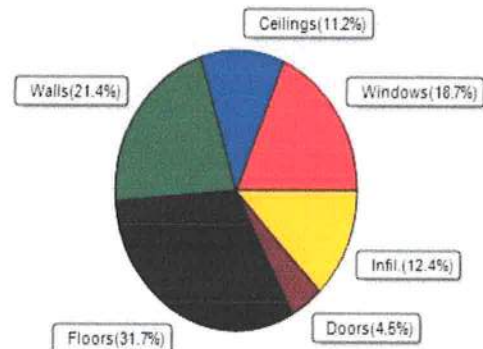
4/10/2019

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	39455	Btuh	Total cooling load calculation	30520	Btuh
Submitted heating capacity	% of calc	Btuh	Submitted cooling capacity	% of calc	Btuh
Total (Electric Heat Pump)	152.1	60000	Sensible (SHR = 0.85)	196.0	51000
Heat Pump + Auxiliary(0.0kW)	152.1	60000	Latent	199.8	9000
			Total (Electric Heat Pump)	196.6	60000

WINTER CALCULATIONS

Winter Heating Load (for 3473 sqft)

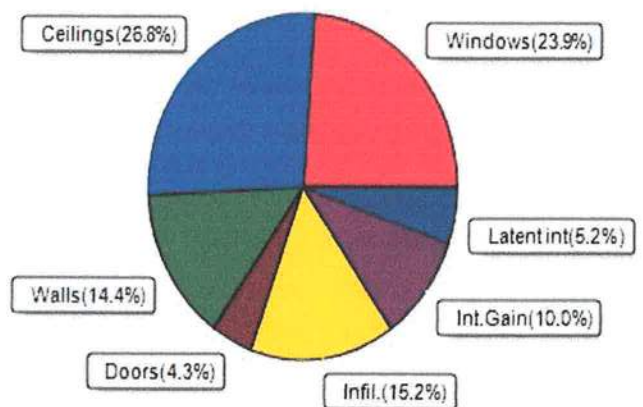
Load component			Load	
Window total	560	sqft	7385	Btuh
Wall total	2814	sqft	8460	Btuh
Door total	96	sqft	1766	Btuh
Ceiling total	3473	sqft	4424	Btuh
Floor total	See detail report		12508	Btuh
Infiltration	112	cfm	4912	Btuh
Duct loss			0	Btuh
Subtotal			39455	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			39455	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 3473 sqft)

Load component			Load	
Window total	560	sqft	7308	Btuh
Wall total	2814	sqft	4409	Btuh
Door total	96	sqft	1325	Btuh
Ceiling total	3473	sqft	8185	Btuh
Floor total			0	Btuh
Infiltration	84	cfm	1750	Btuh
Internal gain			3040	Btuh
Duct gain			0	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			26016	Btuh
Latent gain(ducts)			0	Btuh
Latent gain(infiltration)			2904	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			1600	Btuh
Total latent gain			4504	Btuh
TOTAL HEAT GAIN			30520	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: _____

DATE: _____

[Signature]
4-10-19


FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Waller Residence Street: _____ City, State, Zip: Lake City, FL, 32024 Owner: _____ Design Location: FL, Gainesville	Builder Name: IC Construction Permit Office: _____ Permit Number: _____ Jurisdiction: _____ County: Columbia (Florida Climate Zone 2)
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<table style="width: 100%;"> <tr> <td style="width: 30%;">1. New construction or existing</td> <td style="width: 30%;">New (From Plans)</td> <td style="width: 40%;"></td> </tr> <tr> <td>2. Single family or multiple family</td> <td>Single-family</td> <td></td> </tr> <tr> <td>3. Number of units, if multiple family</td> <td>1</td> <td></td> </tr> <tr> <td>4. Number of Bedrooms</td> <td>3</td> <td></td> </tr> <tr> <td>5. Is this a worst case?</td> <td>No</td> <td></td> </tr> <tr> <td>6. Conditioned floor area above grade (ft²)</td> <td>3473</td> <td></td> </tr> <tr> <td> Conditioned floor area below grade (ft²)</td> <td>0</td> <td></td> </tr> <tr> <td>7. Windows(559.5 sqft.)</td> <td>Description</td> <td>Area</td> </tr> <tr> <td> a. U-Factor:</td> <td>Dbl, U=0.33</td> <td>559.50 ft²</td> </tr> <tr> <td> SHGC:</td> <td>SHGC=0.22</td> <td></td> </tr> <tr> <td> b. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td> SHGC:</td> <td></td> <td></td> </tr> <tr> <td> c. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td> SHGC:</td> <td></td> <td></td> </tr> <tr> <td> d. U-Factor:</td> <td>N/A</td> <td>ft²</td> </tr> <tr> <td> SHGC:</td> <td></td> <td></td> </tr> <tr> <td> Area Weighted Average Overhang Depth:</td> <td>8.345 ft.</td> <td></td> </tr> <tr> <td> Area Weighted Average SHGC:</td> <td>0.220</td> <td></td> </tr> <tr> <td>8. Floor Types (3473.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td> a. Slab-On-Grade Edge Insulation</td> <td>R=0.0</td> <td>2931.00 ft²</td> </tr> <tr> <td> b. Floor Over Other Space</td> <td>R=0.0</td> <td>542.00 ft²</td> </tr> <tr> <td> c. N/A</td> <td>R=</td> <td>ft²</td> </tr> </table>	1. New construction or existing	New (From Plans)		2. Single family or multiple family	Single-family		3. Number of units, if multiple family	1		4. Number of Bedrooms	3		5. Is this a worst case?	No		6. Conditioned floor area above grade (ft²)	3473		Conditioned floor area below grade (ft²)	0		7. Windows(559.5 sqft.)	Description	Area	a. U-Factor:	Dbl, U=0.33	559.50 ft²	SHGC:	SHGC=0.22		b. U-Factor:	N/A	ft²	SHGC:			c. U-Factor:	N/A	ft²	SHGC:			d. U-Factor:	N/A	ft²	SHGC:			Area Weighted Average Overhang Depth:	8.345 ft.		Area Weighted Average SHGC:	0.220		8. Floor Types (3473.0 sqft.)	Insulation	Area	a. Slab-On-Grade Edge Insulation	R=0.0	2931.00 ft²	b. Floor Over Other Space	R=0.0	542.00 ft²	c. N/A	R=	ft²	<table style="width: 100%;"> <tr> <td style="width: 30%;">9. Wall Types (3470.0 sqft.)</td> <td style="width: 30%;">Insulation</td> <td style="width: 40%;">Area</td> </tr> <tr> <td> a. Frame - Wood, Exterior</td> <td>R=19.0</td> <td>2800.00 ft²</td> </tr> <tr> <td> b. Frame - Wood, Adjacent</td> <td>R=19.0</td> <td>670.00 ft²</td> </tr> <tr> <td> c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td> d. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>10. Ceiling Types (3473.0 sqft.)</td> <td>Insulation</td> <td>Area</td> </tr> <tr> <td> a. Roof Deck (Unvented)</td> <td>R=0.0</td> <td>3473.00 ft²</td> </tr> <tr> <td> b. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td> c. N/A</td> <td>R=</td> <td>ft²</td> </tr> <tr> <td>11. Ducts</td> <td></td> <td>R ft²</td> </tr> <tr> <td> a. Sup: Main, Ret: Main, AH: 2nd Floor</td> <td></td> <td>6 694.6</td> </tr> <tr> <td>12. Cooling systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td> a. Central Unit</td> <td>60.0</td> <td>SEER:14.00</td> </tr> <tr> <td>13. Heating systems</td> <td>kBtu/hr</td> <td>Efficiency</td> </tr> <tr> <td> a. Electric Heat Pump</td> <td>60.0</td> <td>HSPF:8.50</td> </tr> <tr> <td>14. Hot water systems</td> <td></td> <td></td> </tr> <tr> <td> a. Propane</td> <td>Tankless</td> <td>Cap: 1 gallons</td> </tr> <tr> <td></td> <td></td> <td>EF: 0.590</td> </tr> <tr> <td> b. Conservation features</td> <td>None</td> <td></td> </tr> <tr> <td>15. Credits</td> <td></td> <td>CF, Pstat</td> </tr> </table>	9. Wall Types (3470.0 sqft.)	Insulation	Area	a. Frame - Wood, Exterior	R=19.0	2800.00 ft²	b. Frame - Wood, Adjacent	R=19.0	670.00 ft²	c. N/A	R=	ft²	d. N/A	R=	ft²	10. Ceiling Types (3473.0 sqft.)	Insulation	Area	a. Roof Deck (Unvented)	R=0.0	3473.00 ft²	b. N/A	R=	ft²	c. N/A	R=	ft²	11. Ducts		R ft²	a. Sup: Main, Ret: Main, AH: 2nd Floor		6 694.6	12. Cooling systems	kBtu/hr	Efficiency	a. Central Unit	60.0	SEER:14.00	13. Heating systems	kBtu/hr	Efficiency	a. Electric Heat Pump	60.0	HSPF:8.50	14. Hot water systems			a. Propane	Tankless	Cap: 1 gallons			EF: 0.590	b. Conservation features	None		15. Credits		CF, Pstat
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Glass/Floor Area: 0.161	Total Proposed Modified Loads: 72.21	PASS
	Total Baseline Loads: 91.16	

<p>I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.</p> <p style="text-align: center;"><i>[Signature]</i></p> <p>PREPARED BY: _____</p> <p>DATE: <u>4-10-19</u></p> <p>I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.</p> <p style="text-align: center;"><i>[Signature]</i></p> <p>OWNER/AGENT: _____</p> <p>DATE: <u>4-10-19</u></p>	<p>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.</p> <div style="text-align: center;">  </div> <p>BUILDING OFFICIAL: _____</p> <p>DATE: _____</p>
---	---

- 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).
- Compliance with a proposed duct leakage Qn requires a Duct Leakage Test Report confirming duct leakage to outdoors, tested in accordance with ANSI/RESNET/ICC 380, is not greater than 0.030 Qn for whole house.

INPUT SUMMARY CHECKLIST REPORT

PROJECT

Title:	Waller Residence	Bedrooms:	3	Address Type:	Lot Information
Building Type:	User	Conditioned Area:	3473	Lot #	
Owner Name:		Total Stories:	1	Block/Subdivision:	Oaks S/D
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	IC Construction	Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	Lake City , FL , 32024
Family Type:	Single-family				
New/Existing:	New (From Plans)				
Comment:					

CLIMATE

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

BLOCKS

Number	Name	Area	Volume
1	Block1	3473	33646

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	2931	29310	Yes	6	3	1	Yes	Yes	Yes
2	2nd Floor	542	4336	No	2	0	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	265 ft	0	2931 ft²	----	0.33	0.33	0.34
_____	2	Floor Over Other Space	2nd Floor	----	----	542 ft²	0	0	0.5	0.5

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Gable or shed	Composition shingles	3523 ft²	978 ft²	Medium	N	0.85	No	0.9	No	0	33.7

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Unvented	0	2931 ft²	N	N

INPUT SUMMARY CHECKLIST REPORT

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
✓	1	Under Attic (Unvented)	Main	30	Blown	2931 ft²	0.11	Wood
✓	2	Under Attic (Unvented)	2nd Floor	30	Blown	542 ft²	0.11	Wood

WALLS

✓	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor.	Below Grade%
✓	1	N	Exterior	Frame - Wood	Main	19	15	6	10		155.0 ft²	0.625	0.23	0.75	0
✓	2	W	Exterior	Frame - Wood	Main	19	4		10		40.0 ft²	0.625	0.23	0.75	0
✓	3	N	Exterior	Frame - Wood	Main	19	22	6	10		225.0 ft²	0.625	0.23	0.75	0
✓	4	W	Exterior	Frame - Wood	Main	19	13		10		130.0 ft²	0.625	0.23	0.75	0
✓	5	N	Exterior	Frame - Wood	Main	19	19	8	10		196.7 ft²	0.625	0.23	0.75	0
✓	6	E	Exterior	Frame - Wood	Main	19	17	8	10		176.7 ft²	0.625	0.23	0.75	0
✓	7	S	Exterior	Frame - Wood	Main	19	12	6	10		125.0 ft²	0.625	0.23	0.75	0
✓	8	E	Exterior	Frame - Wood	Main	19	6	2	10		61.7 ft²	0.625	0.23	0.75	0
✓	9	S	Exterior	Frame - Wood	Main	19	15	4	10		153.3 ft²	0.625	0.23	0.75	0
✓	10	W	Exterior	Frame - Wood	Main	19	2		10		20.0 ft²	0.625	0.23	0.75	0
✓	11	S	Exterior	Frame - Wood	Main	19	20		10		200.0 ft²	0.625	0.23	0.75	0
✓	12	E	Exterior	Frame - Wood	Main	19	10	2	10		101.7 ft²	0.625	0.23	0.75	0
✓	13	S	Exterior	Frame - Wood	Main	19	17		10		170.0 ft²	0.625	0.23	0.75	0
✓	14	W	Exterior	Frame - Wood	Main	19	12		10		120.0 ft²	0.625	0.23	0.75	0
✓	15	S	Exterior	Frame - Wood	Main	19	3		10		30.0 ft²	0.625	0.23	0.75	0
✓	16	W	Exterior	Frame - Wood	Main	19	34	2	10		341.7 ft²	0.625	0.23	0.75	0
✓	17	E	Exterior	Frame - Wood	2nd Floor	19	14	10	8		118.7 ft²	0.625	0.23	0.75	0
✓	18	S	Exterior	Frame - Wood	2nd Floor	19	15	4	8		122.7 ft²	0.625	0.23	0.75	0
✓	19	W	Exterior	Frame - Wood	2nd Floor	19	2		8		16.0 ft²	0.625	0.23	0.75	0
✓	20	S	Exterior	Frame - Wood	2nd Floor	19	20	6	8		164.0 ft²	0.625	0.23	0.75	0
✓	21	W	Exterior	Frame - Wood	2nd Floor	19	16	6	8		132.0 ft²	0.625	0.23	0.75	0
✓	22	N	Garage	Frame - Wood	2nd Floor	19	35	10	8		286.7 ft²	0.625	0.23	0.75	0
✓	23	E	Garage	Frame - Wood	Main	19	38	4	10		383.3 ft²	0.625	0.23	0.75	0

DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	N	Insulated	Main	None	.46	3		8		24 ft²
✓	2	S	Insulated	Main	None	.46	6		8		48 ft²
✓	3	E	Insulated	Main	None	.46	3		8		24 ft²

INPUT SUMMARY CHECKLIST REPORT

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Overhang Separation	Int Shade	Screening
✓	1	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	54.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	2	N	3	Vinyl	Low-E Double	Yes	0.33	0.22	N	120.0 ft ²	14 ft 6 in	1 ft 4 in	None	None
✓	3	W	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	54.0 ft ²	24 ft 6 in	1 ft 4 in	None	None
✓	4	N	5	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft ²	14 ft 6 in	1 ft 4 in	None	None
✓	5	N	5	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft ²	14 ft 6 in	1 ft 4 in	None	None
✓	6	E	6	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	7	S	7	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	8	S	9	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft ²	7 ft 6 in	1 ft 4 in	None	None
✓	9	S	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft ²	9 ft 6 in	1 ft 4 in	None	None
✓	10	S	13	Vinyl	Low-E Double	Yes	0.33	0.22	N	45.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	11	W	16	Vinyl	Low-E Double	Yes	0.33	0.22	N	25.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	12	W	16	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	13	S	18	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft ²	1 ft 6 in	1 ft 4 in	None	None
✓	14	S	20	Vinyl	Low-E Double	Yes	0.33	0.22	N	31.5 ft ²	1 ft 6 in	1 ft 4 in	None	None

GARAGE

✓	#	Floor Area	Ceiling Area	Exposed Wall Perimeter	Avg. Wall Height	Exposed Wall Insulation
✓	1	945.487556 ft ²	945.487556 ft ²	105 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000308	2803.8	153.93	289.48	.125	5

HEATING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	None	HSPF:8.5	60 kBtu/hr	1	sys#1

COOLING SYSTEM

✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	None	SEER: 14	60 kBtu/hr	1800 cfm	0.85	1	sys#1

HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Propane	Tankless	Garage	0.59	1 gal	60 gal	120 deg	None

INPUT SUMMARY CHECKLIST REPORT

SOLAR HOT WATER SYSTEM

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

DUCTS

✓	#	Location	--- Supply --- R-Value Area	Location	--- Return --- Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	Heat	HVAC # Cool
_____	1	Main	6 694.6 ft	Main	173.65	Prop. Leak Free	2nd Floor	--- cfm	104.2 cfm	0.03	0.50	1	1

TEMPERATURES

Programable Thermostat: Y

Ceiling Fans:

Cooling	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" 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 checked="" type="checkbox"/> Dec
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input 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
Venting	<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 checked="" type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input type="checkbox"/> Dec

Thermostat Schedule: HERS 2006 Reference

Hours

Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	80	80	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	80	80	78	78	78	78	78	78	78	78
Heating (WD)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68
Heating (WEH)	AM	65	65	65	65	65	65	65	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	68	68

MASS

Mass Type	Area	Thickness	Furniture Fraction	Space
Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.3	Main
Default(8 lbs/sq.ft.)	0 ft²	0 ft	0.3	2nd Floor