

OK 7/19 Emailed on 2-8-17 - Said it was ready to issue. \$1499.24
Columbia County New Building Permit Application (Plan Review Fee = 271.00)

For Office Use Only Application # 1761-58 Date Received 1-20-17 By LH Permit # 2375/34931
Zoning Official CHC Date 2-8-17 Flood Zone X Land Use A Zoning A-3
FEMA Map # _____ Elevation _____ MFE 1' above River Plans Examiner T.C. Date 2-7-17

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 ☐ FW Comp. letter
☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☒ Sub VF Form

Septic Permit No. 17-0037-N OR City Water _____ Fax _____ Need Refer Sign

Applicant (Who will sign/pickup the permit) Rosy Sparks Phone 386-623-7876

Address 426 SW Commerce drive, Lake City, FL 32025

Owners Name Hubbant, Jesse & Elizabeth Phone _____

911 Address 14654 SW Tustenuggee Ave, Fort White, FL 32038

Contractors Name Josh Sparks / sparks Construction Phone 386-623-0575

Address 426 SW Commerce drive, Lake City, FL 32025

Contractor Email Josh@sparksconstruction.com ***Include to get updates on this job.

Fee Simple Owner Name & Address _____

Bonding Co. Name & Address _____

Architect/Engineer Name & Address William Myers Design

Mortgage Lenders Name & Address _____

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

Property ID Number 30-65-17-09813-003 Estimated Construction Cost 300,000.00

Subdivision Name _____ Lot _____ Block _____ Unit _____ Phase _____

Driving Directions from a Major Road South on SW Tustenuggee Ave, Property is on the corner of CR 18 and Tustenuggee

Construction of New Construction _____ Commercial OR X Residential

Proposed Use/Occupancy Residence Number of Existing Dwellings on Property _____

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 150' Side 550' Side _____ Rear _____

Number of Stories 2 Heated Floor Area 2,926 Total Floor Area 4,324 Acreage 10.070

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

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

Application is hereby made to obtain a permit to do work and installations as indicated. I certify that no work or installation has commenced prior to the issuance of a permit and that all work be performed to meet the standards of all laws regulating construction in this jurisdiction.

TIME LIMITATIONS OF APPLICATION : An application for a permit for any proposed work shall be deemed to have been abandoned 180 days after the date of filing, unless pursued in good faith or a permit has been issued.

TIME LIMITATIONS OF PERMITS: Every permit issued shall become invalid unless the work authorized by such permit is commenced within 180 days after its issuance, or if the work authorized by such permit is suspended or abandoned for a period of 180 days after the time work is commenced. A valid permit receives an approved inspection every 180 days. Work shall be considered not suspended, abandoned or invalid when the permit has received an approved inspection within 180 days of the previous approved inspection.

FLORIDA'S CONSTRUCTION LIEN LAW: Protect Yourself and Your Investment: According to Florida Law, those who work on your property or provide materials, and are not paid-in-full, have a right to enforce their claim for payment against your property. This claim is known as a construction lien. If your contractor fails to pay subcontractors or material suppliers or neglects to make other legally required payments, the people who are owed money may look to your property for payment, even if you have paid your contractor in full. This means if a lien is filed against your property, it could be sold against your will to pay for labor, materials or other services which your contractor may have failed to pay.

NOTICE OF RESPONSIBILITY TO CONTRACTOR AND AGENT: YOU ARE HEREBY NOTIFIED as the recipient of a building permit from Columbia County, Florida, you will be held responsible to the County for any damage to sidewalks and/or road curbs and gutters, concrete features and structures, together with damage to drainage facilities, removal of sod, major changes to lot grades that result in ponding of water, or other damage to roadway and other public infrastructure facilities caused by you or your contractor, subcontractors, agents or representatives in the construction and/or improvement of the building and lot for which this permit is issued. No certificate of occupancy will be issued until all corrective work to these public infrastructures and facilities has been corrected.

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

OWNERS CERTIFICATION: I CERTIFY THAT ALL THE FOREGOING INFORMATION IS ACCURATE AND THAT ALL WORK WILL BE DONE IN COMPLIANCE WITH ALL APPLICABLE LAWS REGULATING CONSTRUCTION AND ZONING.

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

Jesse Hubbard
Print Owners Name

Jesse Hubbard
Owners Signature

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

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

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

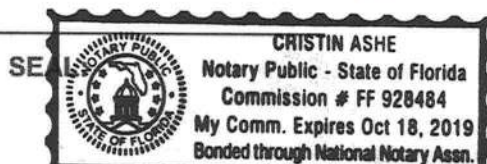
[Signature]
Contractor's Signature

Contractor's License Number CBC1252260
Columbia County
Competency Card Number 532 ✓

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 11 day of January 2017.

Personally known X or Produced Identification

Cristin Ashe
State of Florida Notary Signature (For the Contractor)





STATE OF FLORIDA
DEPARTMENT OF HEALTH
ONSITE SEWAGE TREATMENT AND DISPOSAL
SYSTEM

CR # 10-6428

PERMIT NO. 17-8037 N
DATE PAID: 1/20/17
FEE PAID: 310.00
RECEIPT #: 1271937

APPLICATION FOR CONSTRUCTION PERMIT

APPLICATION FOR:

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

APPLICANT: JESSE & ELIZABETH HUBBARTAGENT: SPARKS CONSTRUCTIONTELEPHONE: (386) 755-9314MAILING ADDRESS: 426 SW COMMERCE DR.

LAKE CITY

FL 32025

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 #: 30-06S-17-09813-003 ZONING: AG I/M OR EQUIVALENT: ☐ NO ☐PROPERTY SIZE: 10.070 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC ☐ $\leq 2000\text{GPD}$ ☐ $> 2000\text{GPD}$ IS SEWER AVAILABLE AS PER 381.0065, FS? ☐ NO ☐ DISTANCE TO SEWER: N/A FTPROPERTY ADDRESS: 14654 SW TUSTENUGEE LAKE CITY Fort White, FL 32038DIRECTIONS TO PROPERTY: 441 SOUTH, TURN RIGHT ON TUSTENUGEE AVE. CROSS CR 18, 1ST DRIVE 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
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1	HOUSE	2	2,926	
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2				
---	--	--	--	--

3				
---	--	--	--	--

4				
---	--	--	--	--

Additional info. rec'd 1-31-17

☐ Floor/Equipment Drains ☒ Other (Specify) _____

SIGNATURE: _____

DATE: 1-20-2017

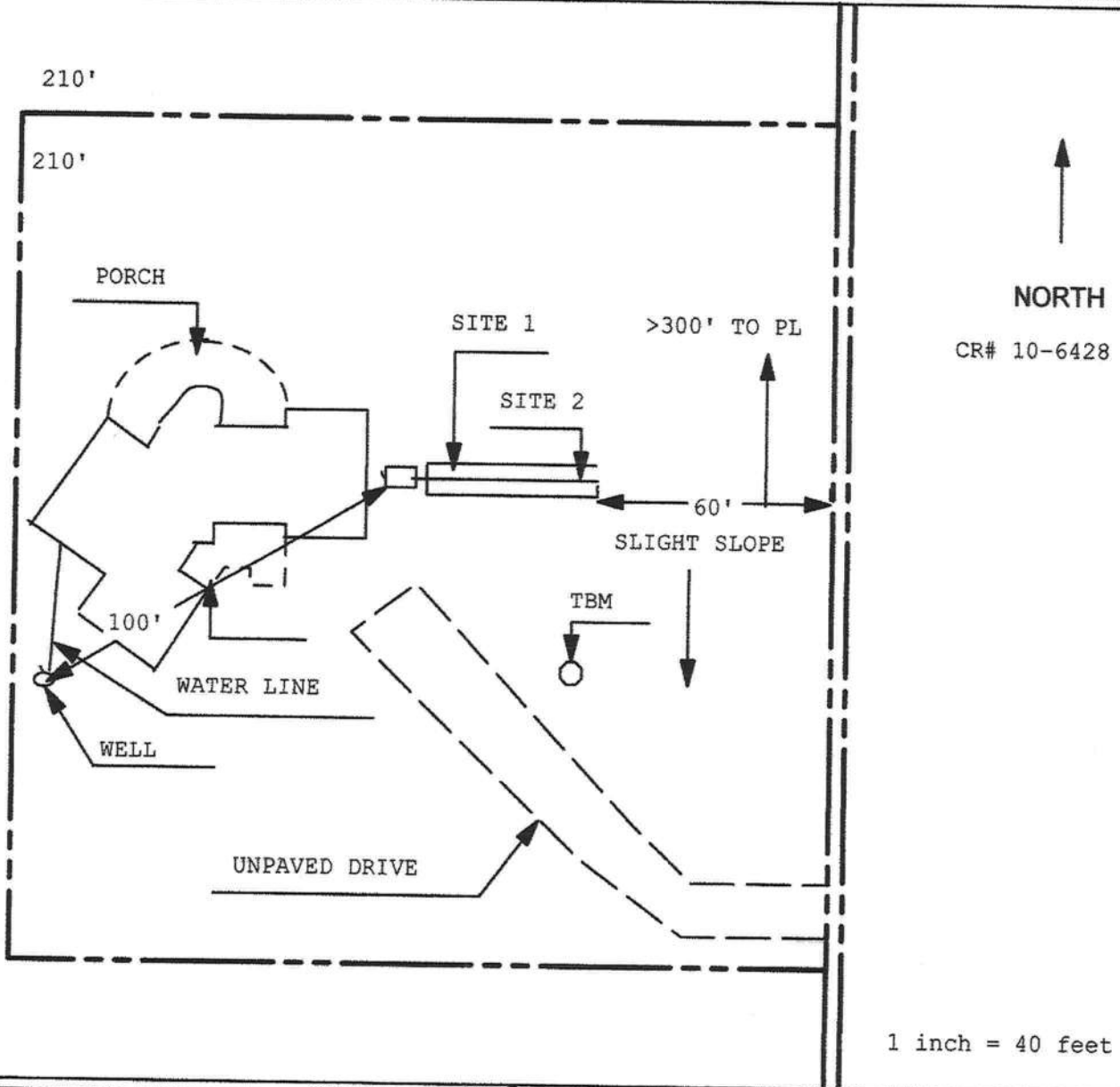
DH 4015, 08/09 (Obsoletes previous editions which may not be used)
Incorporated 64E-6.001, FAC

Page 1 of 4

**Application for Onsite Sewage Disposal System
Construction Permit. Part II Site Plan**

Permit Application Number: 17-00137N

ALL CHANGES MUST BE APPROVED BY THE COUNTY HEALTH UNIT



Site Plan Submitted By Paul L. Lyle Date 1/10/17
Plan Approved ✓ Not Approved Date

By Salli Lord Env Health Director - CPHU

Notes: Columbia 1-31-17



COLUMBIA COUNTY
911 ADDRESSING / GIS DEPARTMENT
263 NW Lake City Ave., Lake City, FL 32055
Telephone: (386) 758-1125 x 1 * Fax: (386) 758-1365 * Email: gis@columbiacountyfla.com



Address Assignment and Maintenance Document

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

Date/Time Issued:	1/26/2017 1:57:19 PM
Address:	14654 SW TUSTENUGGEE Ave
City:	FORT WHITE
State:	FL
Zip Code	32038
Parcel ID	09813-003

REMARKS: Reissue of existing address for new structure on parcel.

Address Issued By: Signed:/ Ronal N. Croft

Columbia County GIS/911 Addressing Department

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

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

File Number: 14-303

Print 201412010954 Date 7/16/2014 Time 3:10 PM
Doc Stamp-Deed-406.00
C.C. P. DeWitt Cason, Columbia County Page 1 of 2 B. 1277 > 2035

Warranty Deed

Made this July 10th, 2014

A.D. By **MAURICE ANDREW FLETCHER**, ^{single} whose address is: 14193 SW Tustenuggee Avenue, Fort White, Florida 32038, hereinafter called the grantor,

to **JESSE L. HUBBART and ELIZABETH T. HUBBART, husband and wife**, whose post office address is: 391 Fern Drive, Folkston, GA 31537, 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:

TOWNSHIP 6 SOUTH, RANGE 17 EAST

SECTION 30: Commence at the SE corner of Section 30, Township 6 South, Range 17 East, Columbia County, Florida and run South 89° 52' 48" West along the South line of said Section 30 a distance of 721.65 feet to the West line of Tuskennoggee Road (A County Paved Road), thence North 13° 59' 22" West along said West line of Tuskennoggee Road, 564.84 feet to the Point of Beginning, thence South 76° 25' 46" West 422.13 feet, thence North 13° 59' 22" West 458.50 feet to the South Right of Way line of State Road No. 18, said point being also on the arc of a curve concave to the right having a radius of 3769.83 feet and a total central angle of 35° 25' 05" West, thence run Northeasterly along the arc of said curve (also said South right of way State Road No. 18) 434.81 feet to its intersection with said West line of Tuskennoggee Road, thence South 13° 59' 22" East along said West line 564.84 feet to the Point of Beginning. **IN COLUMBIA COUNTY, FLORIDA.**

ALSO:

SECTION 30: Commence at the SE corner of Section 30, Township 6 South, Range 17 East, Columbia County, Florida and run South 89° 52' 48" West along the South line of said Section 30, a distance of 721.65 feet to the West line of Tuskennoggee Road (A County Paved Road) and the Point of Beginning, thence continue South 89° 52' 48" West along the South line, Section 30, a distance of 434.80 feet, thence North 13° 59' 22" West 463.70 feet, thence North 76° 25' 46" East 422.13 feet to said West line (Tuskennoggee Road), thence South 13° 59' 22" East along said West line of Tuskennoggee Road 564.84 feet to the Point of Beginning. **IN COLUMBIA COUNTY, FLORIDA.**

Parcel ID Number: **Parent Parcel 09813-006**

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, 2013.

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

File Number: 14-303

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:

Elaine R. Davis
Witness Printed Name Elaine R. Davis

Maurice Andrew Fletcher (Seal)
MAURICE ANDREW FLETCHER
Address: 14193 SW Tustenugee Avenue, Fort White, Florida
32038

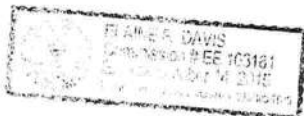
Michele Padgett
Witness Printed Name Michele Padgett

(Seal)
Address:

State of Florida
County of Columbia

The foregoing instrument was acknowledged before me this 10th day of July, 2014, by MAURICE ANDREW FLETCHER, who is/are personally known to me or who has produced FL DRIVER'S LICENSE as identification.

Elaine R. Davis
Notary Public
Print Name: _____
My Commission Expires: _____



Columbia County Property Appraiser

updated: 12/8/2016

2016 Tax Year

Parcel: 30-6S-17-09813-003

Tax Collector

Tax Estimator

Property Card

Parcel List Generator

<< Next Lower Parcel Next Higher Parcel >>

2016 TRIM (pdf)

Interactive GIS Map

Print

Search Result: 1 of 1

Owner & Property Info

Owner's Name	HUBBART JESSE L & ELIZABETH T		
Mailing Address	391 FERN DR FOLKSTON, GA 31537-830		
Site Address			
Use Desc. (code)	VACANT (000000)		
Tax District	3 (County)	Neighborhood	30617
Land Area	10.070 ACRES	Market Area	02
Description	NOTE: This description is not to be used as the Legal Description for this parcel in any legal transaction.		
COMM SE COR, W 721.65 FT TO W R/W OF TUSTENUGGEE RD, NW ALONG R/W 564.84 FT FOR POB, SW 422.13 FT, NW 458.50 FT TO S R/W OF SR-18, NE ALONG R/W 434.81 FT TO INTER OF W LINE OF TUSTENUGGEE RD, SE 564.84 FT TO POB & COMM SE COR W 721.65 FT TO W R/W OF TUSTENUGGEE RD FOR POB, CONT W 434.80 FT, NW 463.70 FT, NE 422.13 FT TO W LINE OF TUSTENUGGEE RD, SE ALONG R/W 564.84 FT TO POB. WD 1277-2035,			



Property & Assessment Values

2016 Certified Values		
Mkt Land Value	cnt: (0)	\$46,674.00
Ag Land Value	cnt: (1)	\$0.00
Building Value	cnt: (0)	\$0.00
XFOB Value	cnt: (0)	\$0.00
Total Appraised Value		\$46,674.00
Just Value		\$46,674.00
Class Value		\$0.00
Assessed Value		\$46,674.00
Exempt Value		\$0.00
Total Taxable Value	Cnty: \$46,674 Other: \$46,674 Schl: \$46,674	

2017 Working Values			(...Hide Values)
Mkt Land Value	cnt: (0)	\$46,674.00	
Ag Land Value	cnt: (1)	\$0.00	
Building Value	cnt: (0)	\$0.00	
XFOB Value	cnt: (0)	\$0.00	
Total Appraised Value		\$46,674.00	
Just Value		\$46,674.00	
Class Value		\$0.00	
Assessed Value		\$46,674.00	
Exempt Value		\$0.00	
Total Taxable Value	Cnty: \$46,674 Other: \$46,674 Schl: \$46,674		

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

Sales History

Show Similar Sales within 1/2 mile

Sale Date	OR Book/Page	OR Code	Vacant / Improved	Qualified Sale	Sale RCode	Sale Price
7/10/2014	1277/2035	WD	V	Q	01	\$58,000.00

Building Characteristics

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

Extra Features & Out Buildings

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

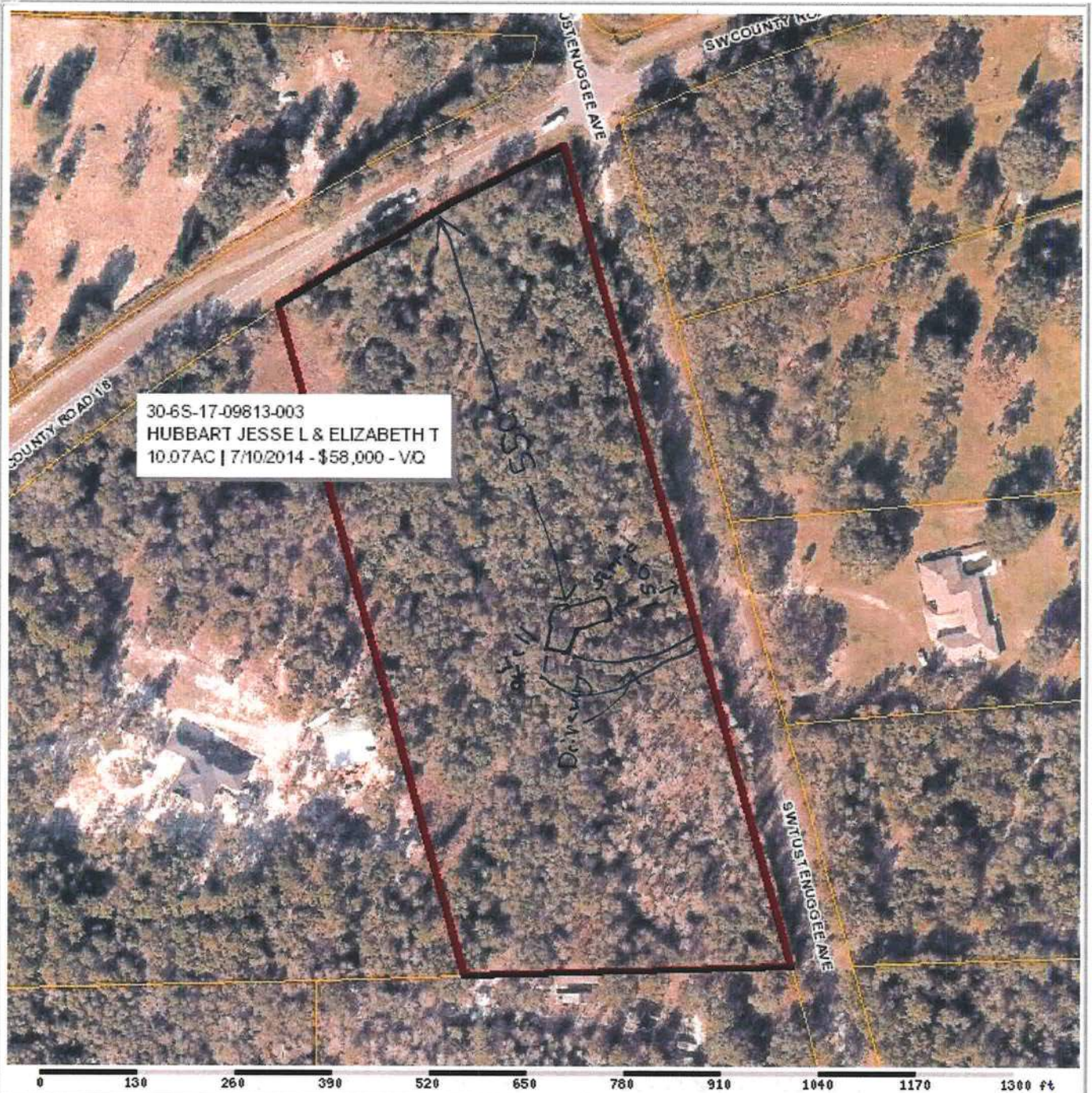
Land Breakdown

Lnd Code	Desc	Units	Adjustments	Eff Rate	Lnd Value
000000	VAC RES (MKT)	10.07 AC	1.00/1.00/1.00/1.00	\$4,635.00	\$46,674.00

Columbia County Property Appraiser

updated: 12/8/2016

DISCLAIMER



Columbia County Property Appraiser

J. Doyle Crews - Lake City, Florida 32055 | 386-758-1083

PARCEL: 30-6S-17-09813-003 - VACANT (000000)

COMM SE COR, W 721.65 FT TO W R/W OF TUSTENUGGEE RD, NW ALONG R/W 564.84 FT FOR POB, SW
422.13 FT, NW 458.50 FT TO S R/W OF SR-18, NE ALONG R/W 434.81

Name: HUBBART JESSE L & ELIZABETH T

2016 Certified Values

Site:	Land	\$46,674.00
Mail: 391 FERN DR	Bldg	\$0.00
FOLKSTON, GA 31537-830	Assd	\$46,674.00
Sales Info 7/10/2014 \$58,000.00 V / Q	Exmpt	\$0.00
	Taxbl	Cnty: \$46,674
		Other: \$46,674 Schl: \$46,674

NOTES:





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

LETTER OF AUTHORIZATION TO SIGN FOR PERMITS

I, Josh Sparks (license holder name), licensed qualifier
for Sparks Construction (company name), do certify that
the below referenced person(s) listed on this form is/are contracted/hired by me, the license
holder, or is/are employed by me directly or through an employee leasing arrangement; or, is an
officer of the corporation; or, partner as defined in Florida Statutes Chapter 468, and the said
person(s) is/are under my direct supervision and control and is/are authorized to purchase
permits, call for inspections and sign on my behalf.

Printed Name of Person Authorized	Signature of Authorized Person
1. <u>Rozzy Sparks</u>	1.
2.	2.
3.	3.
4.	4.
5.	5.

I, the license holder, realize that I am responsible for all permits purchased, and all work done
under my license and fully responsible for compliance with all Florida Statutes, Codes, and
Local Ordinances. I understand that the State and County Licensing Boards have the power and
authority to discipline a license holder for violations committed by him/her, his/her agents,
officers, or employees and that I have full responsibility for compliance with all statutes, codes
and ordinances inherent in the privilege granted by issuance of such permits.

If at any time the person(s) you have authorized is/are no longer agents, employee(s), or
officer(s), you must notify this department in writing of the changes and submit a new letter of
authorization form, which will supersede all previous lists. Failure to do so may allow
unauthorized persons to use your name and/or license number to obtain permits.

License Holders Signature (Notarized)

CBC1252260

License Number

1-11-16

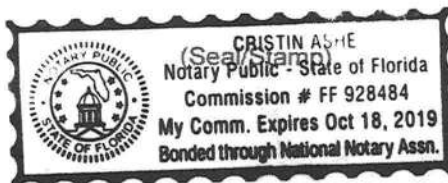
Date

NOTARY INFORMATION:

STATE OF: Florida COUNTY OF: Columbia

The above license holder, whose name is Josh Spark,
personally appeared before me and is known by me or has produced identification
(type of I.D.) _____ on this 11 day of January, 2017.

Cristina Ashe
NOTARY'S SIGNATURE



SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT #

1701-58

JOB NAME

Hubbart

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>Ryan Beville</u> Signature <u>[Signature]</u> Company Name: <u>RBI</u> License #: <u>EC 13004236</u> Phone #: <u>1-352-339-0369</u> CC# <u>811</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/A/C <input checked="" type="checkbox"/>	Print Name <u>David Halls</u> Signature <u>[Signature]</u> Company Name: <u>David Halls</u> License #: <u>CAC 057424</u> Phone #: _____ CC# <u>568</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/GAS <input checked="" type="checkbox"/>	Print Name <u>Cody Burrs</u> Signature <u>[Signature]</u> Company Name: <u>Burrs Plumbing</u> License #: <u>CFC 1427145</u> Phone #: <u>386-623-0509</u> CC# <u>715</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input checked="" type="checkbox"/>	Print Name <u>Ralph Laverdure</u> Signature <u>See Separate Sheet</u> Company Name: <u>RWL Roofing</u> License #: <u>CCC1328590</u> Phone #: <u>386-623-0178</u> CC# <u>813</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____ CC# _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____ CC# _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____ CC# _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____ CC# _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Liab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

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

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT #

1701-59

JOB NAME

Hubbant

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ELECTRICAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
MECHANICAL/A/C <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
PLUMBING/GAS <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
ROOFING <input checked="" type="checkbox"/>	Print Name <u>Ralph Laverdure</u> Signature <u>[Signature]</u> Company Name: <u>RWL Roofing, LLC</u> CC# <u>813</u> License #: <u>CCC 1328590</u> Phone #: <u>386-623-0178</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SHEET METAL <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
FIRE SYSTEM/SPRINKLER <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
SOLAR <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
STATE SPECIALTY <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE

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

NOTICE OF COMMENCEMENT

TO WHOM IT MAY CONCERN:

The undersigned hereby give notice that improvements will be made to certain real property and in accordance with Chapter 713, Florida Statutes, the following is provided in this Notice of Commencement:

1. Description of Property: See Exhibit "A" attached hereto and by this reference made a part thereof.
2. General Description of Improvement: Construction of Dwelling
3. Owner Information:
 - a. Name and Address: Jesse L. Hubbard and his wife, Elizabeth T. Hubbard @, 391 Fern Drive, Folkston, GA 31537.
 - b. Interest in property: Fee Simple
 - c. Name and address of fee simple title holder (if other than Owner): NONE
4. Contractor (name and address): Sparks Construction @ 426 SW Commerce Drive, Suite 130, Lake City, FL 32025.
5. Surety:
 - a. Name and Address: N/A
 - b. Amount of Bond: N/A
6. LENDER: First Federal Bank of Florida
4705 West US Highway 90
PO Box 2029
Lake City, FL 32056
7. Persons within the State of Florida designated by Owner upon whom notices of other documents may be served as provided in Section 713.13(1)(a)7., Florida Statutes: NONE
8. In addition to himself, Owner designates PAULA HATCHER, of FIRST FEDERAL BANK OF FLORIDA at 4705 WEST US HIGHWAY 90 / PO BOX 2029, LAKE CITY, FL 32056, to receive a copy of the Lienor's Notice as provided in Section 713.13(1)(b) Florida Statutes.
9. Expiration date of Notice of Commencement (the expiration date is 1 year from the date of recording unless a different date is specified).

Inst: 201712000332 Date: 01/05/2017 Time: 2:57PM
Page 1 of 2 B: 1328 P: 1725, P. DeWitt Cason, Clerk of Court
Columbia, County, By: BD
Deputy Clerk

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 1 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 NEED TO OBTAIN FINANCING, CONSULT WITH YOUR LENDER OR AN ATTORNEY BEFORE COMMENCING WORK OR RECORDING YOUR NOTICE OF COMMENCEMENT.

*Owner is used for singular or plural as context requires.

Signed, sealed and delivered in the presence:

Brandi Lynn Hughes
WITNESS
Brandi Souda
WITNESS
STATE OF FLORIDA
COUNTY OF COLUMBIA

Jesse L. Hubbard
Jesse L. Hubbard
Elizabeth T. Hubbard
Elizabeth T. Hubbard

Before me, personally appeared Jesse L. Hubbard and his wife, Elizabeth T. Hubbard, to me known to be the person(s) described in and who executed the foregoing instrument, and they acknowledged to and before me that they executed said instrument for the purpose therein expressed.

Witness my hand and official seal this 3rd day of January, 2017.

(SEAL)
Brandi Lynn Lee
NOTARY PUBLIC
STATE OF FLORIDA
Comm# GG052483
Expires 12/5/2020

Brandi Lynn Lee
NOTARY PUBLIC

My Commission Expires:

Verification Pursuant to Section 92.525, Florida Statutes

Under Penalties of perjury, I declare that I have read the foregoing and that the facts stated in it are true to the best of my knowledge and belief.

Jesse L. Hubbard
Jesse L. Hubbard

Elizabeth T. Hubbard
Elizabeth T. Hubbard

STATE OF FLORIDA, COUNTY OF COLUMBIA
I HEREBY CERTIFY, that the above and foregoing
is a true copy of the original filed in this office.
P. DEWITT CASON, CLERK OF COURTS
By: Bonnie Dow
Deputy Clerk
Date: Jan 5, 2017



Hall's Pump and Well Services, Inc.

904 NW Main Blvd.

Lake City, FL 32055

hallspumpandwell@bellsouth.net

Contractor #

1503

Submitted By

Benjamin D. Dicks

1/17/2017

Well Letter of Compliance

Contractor: Sparks Construction

Columbia Co. , Parcel 30-6S-17-09813-003

- Please be advised that due to the building codes our minimum well size will be 4" in diameter
- Pump size 1 hp, 230 volt, single ph, pump and motor
- Drop pipe size, 1-1/4" inch
- 4 Inch black steel well casing, 235mm wall thickness
- Tank sized, PC 244, 81 gallon, will supply a 23.9 gal. draw down at 40/60 pressure setting.
- All wells will have a pump and tank combination that will be sufficient enough for each situation.

If you have any questions please call our office @ 386-752-1854

Thanks,

Benjamin Dicks,

Office Coordinator,

Hall's Pump and Well Services, Inc.

904 NW Main Blvd.

Lake City, FL 32055

(P): [\(386\)752-1854](tel:3867521854)



New Construction Subterranean Termite Service Record

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

This form is completed by the licensed Pest Control Company.

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

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

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

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

#34931

Section 1: General Information (Pest Control Company Information)

Company Name Aspen Pest Control, Inc.
Company Address P.O. Box 1795 City Lake City State FL Zip 32056
Company Business License No. JB182948 Company Phone No. 386-755-3811
FHA/VA Case No. (if any) _____

Section 2: Builder Information

Company Name Sparks Construction Phone No. 623-0575

Section 3: Property Information

Jesse and Elizabeth Hubbard
Location of Structure(s) Treated (Street Address or Legal Description, City, State and Zip) 14654 SW Tuskenuggee Ave.
Fort White, FL 32038

Section 4: Service Information

Date(s) of Service(s) 3-20-2017
Type of Construction (More than one box may be checked) ☒ Slab ☐ Basement ☐ Crawl ☐ Other _____

Check all that apply:

- ☒ A. Soil Applied Liquid Termiticide
Brand Name of Termiticide: Dominion 21 EPA Registration No. 53883-229
Approx. Dilution (%): 05 Approx. Total Gallons Mix Applied: 550 Treatment completed on exterior: ☐ Yes ☒ No
- ☐ B. Wood Applied Liquid Termiticide
Brand Name of Termiticide: _____ EPA Registration No. _____
Approx. Dilution (%): _____ Approx. Total Gallons Mix Applied: _____
- ☐ C. Bait System Installed
Name of System: _____ EPA Registration No. _____ Number of Stations Installed: _____
- ☐ D. Physical Barrier System Installed
Name of System: _____ Attach installation information (required)

Service Agreement Available? ☒ Yes ☐ No

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

Attachments (List) _____

Comments _____

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

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

Authorized Signature Cliff Lacey Date 3-20-2017

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

form HUD-NPMA-99-B (8/2008)

Laurie Hodson

From: Josh Sparks <josh@sparksconstruction.com>
Sent: Friday, January 20, 2017 2:17 PM
To: Laurie Hodson
Cc: Rosy Sparks
Subject: Re: App# 1701-58-Hubbart

300k estimated cost of construction
will need a culvert for the driveway

will get on the other items.

Josh Sparks/ President Sparks Construction Inc

www.sparksconstruction.com

josh@sparksconstruction.com

C 386-623-0575

O 386-755-9314

On Fri, Jan 20, 2017 at 12:15 PM, Laurie Hodson <laurie_hodson@columbiacountyfla.com> wrote:

Josh/Rosy,

I have a few questions...

1. What is the estimated cost of construction?
2. Driveway?

A reminder on needed items...

1. 911 Address
2. Environmental Health signed site plan
3. Roofer signature on Sub-Form

Thanks,



COLUMBIA COUNTY BUILDING DEPARTMENT
RESIDENTIAL CHECK LIST

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

ALL BUILDING PLANS MUST INDICATE COMPLIANCE WITH THE CURRENT 2014 FLORIDA BUILDING CODES RESIDENTIAL, EFFECTIVE 1 JULY 2015. NATIONAL ELECTRICAL CODE 2011 EFFECTIVE 1 JULY 2015. ALL PLANS OR DRAWINGS SHALL PROVIDE CALCULATIONS AND DETAILS THAT HAVE THE SEAL AND SIGNATURE OF A CERTIFIED ARCHITECT OR ENGINEER REGISTERED IN THE STATE OF FLORIDA, OR ALTERNATE METHODOLOGIES, APPROVED BY THE STATE OF FLORIDA BUILDING COMMISSION FOR ONE-AND-TWO FAMILY DWELLINGS.

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 7/1/15

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL				Items to Include- Each Box shall be Circled as Applicable		
				Yes	No	N/A
1	Two (2) complete sets of plans containing the following:			✓		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void			✓		
3	Condition space (Sq. Ft.)	2926	Total (Sq. Ft.) under roof	4324		

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

Site Plan information including:

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

Wind-load Engineering Summary, calculations and any details 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	N/A
9	Basic wind speed (3-second gust), miles per hour			✓		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)			✓		
11	Wind importance factor and nature of occupancy			✓		
12	The applicable internal pressure coefficient, Components and Cladding			✓		
13	The design wind pressure in terms of psf (kN/m²), to be used for the design of exterior component, cladding materials not specifiically designed by the registered design professional.			✓		

Elevations Drawing including:

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

Floor Framing System: First and/or second story

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

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Circled as Applicable		
		YES	NO	N/A
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	✓		
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	✓		
54	Show Wood structural panel's sheathing attachment to studs, joist, trusses, rafters and structural members, showing fastener schedule attachment on the edges & intermediate of the areas structural panel sheathing	✓		
55	Show all required connectors with a max uplift rating and required number of connectors and oc spacing for continuous connection of structural walls to foundation and roof trusses or rafter systems	✓		
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per FBCB 2308.9.5	✓		
57	Indicate where pressure treated wood will be placed	✓		
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	✓		
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	✓		

FBCR :ROOF SYSTEMS:

60	Truss design drawing shall meet section FBCR 802.1.7.1 Wood trusses	✓		
61	Include a layout and truss details, signed and sealed by Florida Professional Engineer	✓		
62	Show types of connector's assemblies' and resistance uplift rating for all trusses and rafters	✓		
63	Show gable ends with rake beams showing reinforcement or gable truss and wall bracing details	✓		
64	Provide dead load rating of trusses	✓		

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

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

		YES	NO	N/A
92	Building Permit Application A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee. The completed application with attached documents and application fee can be mailed.	✓		
93	Parcel Number The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. www.columbiacountyfla.com	✓		
94	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	✓		
95	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031			✓
96	Toilet facilities shall be provided for all construction sites	✓		
97	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.			✓
98	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations	✓		
99	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the 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.	✓		
100	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	✓		
101	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. 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.	✓		
102	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.	✓		

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

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

Section R101.2.1 of the Florida Building Code Residential:
The provisions of Chapter 1, Florida Building Code shall govern the administration and enforcement of the Florida Building Code, Residential.

PRODUCT APPROVAL SPECIFICATION SHEET

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.

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Masonite	Steel door	FL 4574-R5
B. SLIDING	MI	Sliding door	FL 1195C-R2
C. SECTIONAL			
D. ROLL UP			
E. AUTOMATIC			
F. OTHER			
2. WINDOWS			
A. SINGLE HUNG	YKK	Window	FL 2533-R5
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. DOUBLE HUNG			
E. FIXED			
F. AWNING			
G. PASS THROUGH			
H. PROJECTED			
I. MULLION			
J. WIND BREAKER			
K. DUAL ACTION			
L. OTHER			
3. PANEL WALL			
A. SIDING	Certainteed	Siding	FL 1523-R3
B. SOFFITS	Kaycan	Soffits	FL 12198-R2
C. EIFS			
D. STOREFRONTS			
E. CURTAIN WALLS			
F. WALL LOUVER			
G. GLASS BLOCK			
H. MEMBRANE			
I. GREENHOUSE			
J. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Certainteed		FL 5644-R2
B. UNDERLAYMENTS			
C. ROOFING FASTENERS			
D. NON-STRUCTURAL METAL ROOFING			
E. WOOD SHINGLES AND SHAKES			
F. ROOFING TILES			
G. ROOFING INSULATION			
H. WATERPROOFING			
I. BUILT UP ROOFING ROOF SYSTEMS			
J. MODIFIED BITUMEN			
K. SINGLE PLY ROOF SYSTEMS			
L. ROOFING SLATE			
M. CEMENTS-ADHESIVES COATINGS			

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
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4. LIQUID APPLIED ROOF SYSTEMS			
O. ROOF TILE ADHESIVE			
P. SPRAY APPLIED POLYURETHANE ROOF			
Q. OTHER			
5. SHUTTERS			
A. ACCORDION			
B. BAHAMA			
C. STORM PANELS			
D. COLONIAL			
E. ROLL-UP			
F. EQUIPMENT			
G. OTHERS			
6. SKYLIGHTS			
A. SKYLIGHT			
B. OTHER			
7. STRUCTURAL COMPONENTS			
A. WOOD CONNECTORS/ ANCHORS	Simpson Simpson	Wood connectors Anchors	FL9589-R3 FL2395-R4
B. TRUSS PLATES			
C. ENGINEERED LUMBER			
D. RAILING			
E. COOLERS-FREEZERS			
F. CONCRETE ADMIXTURES			
G. MATERIAL			
H. INSULATION FORMS			
I. PLASTICS			
J. DECK-ROOF			
K. WALL			
L. SHEDS			
M. OTHER			
8. NEW EXTERIOR ENVELOPE PRODUCTS			
A.			
B.			

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) the 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.



 APPLICANT SIGNATURE

 DATE

Residential System Sizing Calculation

Summary

Jesse Hubbart

Project Title:
Hubbart Residence

Lake City, FL 32024

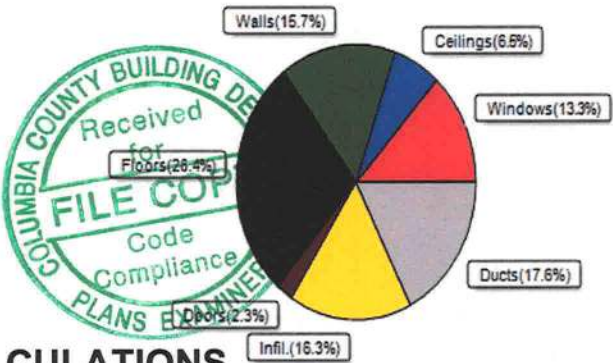
10/17/2016

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 48299 Btuh			Total cooling load calculation 37228 Btuh		
Submitted heating capacity % of calc Btuh			Submitted cooling capacity % of calc Btuh		
Total (Electric Heat Pump) 100.0 48299			Sensible (SHR = 0.70) 87.0 25918		
Heat Pump + Auxiliary(0.0kW) 100.0 48299			Latent 149.6 11108		
			Total (Electric Heat Pump) 99.5 37026		

WINTER CALCULATIONS

Winter Heating Load (for 2926 sqft)

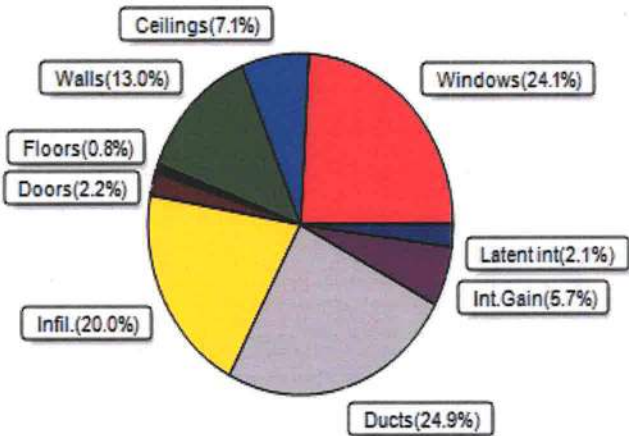
Load component			Load	
Window total	445	sqft	6403	Btuh
Wall total	2135	sqft	7581	Btuh
Door total	60	sqft	1104	Btuh
Ceiling total	3072	sqft	3119	Btuh
Floor total	See detail report		13719	Btuh
Infiltration	180	cfm	7864	Btuh
Duct loss			8508	Btuh
Subtotal			48299	Btuh
Ventilation	0	cfm	0	Btuh
TOTAL HEAT LOSS			48299	Btuh



SUMMER CALCULATIONS

Summer Cooling Load (for 2926 sqft)

Load component			Load	
Window total	445	sqft	8967	Btuh
Wall total	2135	sqft	4833	Btuh
Door total	60	sqft	828	Btuh
Ceiling total	3072	sqft	2651	Btuh
Floor total			308	Btuh
Infiltration	135	cfm	2802	Btuh
Internal gain			2120	Btuh
Duct gain			7292	Btuh
Sens. Ventilation	0	cfm	0	Btuh
Blower Load			0	Btuh
Total sensible gain			29800	Btuh
Latent gain(ducts)			1978	Btuh
Latent gain(infiltration)			4649	Btuh
Latent gain(ventilation)			0	Btuh
Latent gain(internal/occupants/other)			800	Btuh
Total latent gain			7427	Btuh
TOTAL HEAT GAIN			37228	Btuh



8th Edition

EnergyGauge® System Sizing

PREPARED BY: _____

DATE: _____

EnergyGauge® / USRCZB v5.1

System Sizing Calculations - Winter

Residential Load - Whole House Component Details

Jesse Hubbart
Lake City, FL 32024

Project Title:
Hubbart Residence
Building Type: User

10/17/2016

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	8.0	14.4	115 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	18.0	14.4	259 Btuh
4	2, NFRC 0.25	Vinyl	0.36	S	6.0	14.4	86 Btuh
5	2, NFRC 0.25	Vinyl	0.36	S	8.0	14.4	115 Btuh
6	2, NFRC 0.25	Vinyl	0.36	E	12.0	14.4	173 Btuh
7	2, NFRC 0.25	Vinyl	0.36	N	54.0	14.4	778 Btuh
8	2, NFRC 0.25	Vinyl	0.36	W	20.0	14.4	288 Btuh
9	2, NFRC 0.25	Vinyl	0.36	N	72.0	14.4	1037 Btuh
10	2, NFRC 0.25	Vinyl	0.36	E	20.0	14.4	288 Btuh
11	2, NFRC 0.25	Vinyl	0.36	E	12.0	14.4	173 Btuh
12	2, NFRC 0.25	Vinyl	0.36	NE	48.0	14.4	691 Btuh
13	2, NFRC 0.25	Vinyl	0.36	NW	12.0	14.4	173 Btuh
14	2, NFRC 0.25	Vinyl	0.36	NW	33.3	14.4	480 Btuh
15	2, NFRC 0.25	Vinyl	0.36	NW	90.0	14.4	1296 Btuh
16	2, NFRC 0.25	Vinyl	0.36	SW	18.0	14.4	259 Btuh
Window Total					444.7(sqft)		6403 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area X	HTM=	Load
1	Frame - Wood	- Ext	(0.089)	13.0/0.0	40	3.55	142 Btuh
2	Frame - Wood	- Ext	(0.089)	13.0/0.0	53	3.55	189 Btuh
3	Frame - Wood	- Ext	(0.089)	13.0/0.0	60	3.55	213 Btuh
4	Frame - Wood	- Ext	(0.089)	13.0/0.0	139	3.55	492 Btuh
5	Frame - Wood	- Ext	(0.089)	13.0/0.0	47	3.55	166 Btuh
6	Frame - Wood	- Ext	(0.089)	13.0/0.0	195	3.55	691 Btuh
7	Frame - Wood	- Ext	(0.089)	13.0/0.0	318	3.55	1129 Btuh
8	Frame - Wood	- Ext	(0.089)	13.0/0.0	183	3.55	649 Btuh
9	Frame - Wood	- Ext	(0.089)	13.0/0.0	23	3.55	83 Btuh
10	Frame - Wood	- Ext	(0.089)	13.0/0.0	108	3.55	383 Btuh
11	Frame - Wood	- Ext	(0.089)	13.0/0.0	68	3.55	241 Btuh
12	Frame - Wood	- Ext	(0.089)	13.0/0.0	32	3.55	114 Btuh
13	Frame - Wood	- Ext	(0.089)	13.0/0.0	55	3.55	194 Btuh
14	Frame - Wood	- Ext	(0.089)	13.0/0.0	100	3.55	355 Btuh
15	Frame - Wood	- Ext	(0.089)	13.0/0.0	240	3.55	852 Btuh
16	Frame - Wood	- Ext	(0.089)	13.0/0.0	222	3.55	788 Btuh
17	Frame - Wood	- Ext	(0.089)	13.0/0.0	107	3.55	379 Btuh
18	Frame - Wood	- Ext	(0.089)	13.0/0.0	147	3.55	521 Btuh
Wall Total					2135(sqft)		7581 Btuh
Doors	Type	Storm	Ueff.		Area X	HTM=	Load
1	Insulated - Exterior,	n	(0.460)		20	18.4	368 Btuh
2	Insulated - Exterior,	n	(0.460)		20	18.4	368 Btuh
3	Wood - Exterior,	n	(0.460)		20	18.4	368 Btuh
Door Total					60(sqft)		1104Btuh

Manual J Winter Calculations

Residential Load - Component Details (continued)

Jesse Hubbart
Lake City, FL 32024

Project Title:
Hubbart Residence
Building Type: User

10/17/2016

Ceilings	Type/Color/Surface	Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shing	(0.025)	38.0/0.0	2611	1.0	2651 Btuh
2	Vented Attic/L/Shing	(0.025)	38.0/0.0	461	1.0	468 Btuh
	Ceiling Total			3072(sqft)		3119Btuh
Floors	Type	Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade	(1.180)	0.0	272.0 ft(perim.)	47.2	12838 Btuh
2	Raised - Open	(0.050)	19.0	439.0 sqft	2.0	881 Btuh
	Floor Total			2926 sqft		13719 Btuh
	Envelope Subtotal:					31926 Btuh
Infiltration	Type	Wholehouse ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural	0.38	28382	1.00	179.6	7864 Btuh
Duct load	Average sealed, R6.0, Supply(Att), Return(Att) (DLM of 0.214)					8508 Btuh
All Zones	Sensible Subtotal All Zones					48299 Btuh

WHOLE HOUSE TOTALS

Totals for Heating	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	48299 Btuh 0 Btuh 48299 Btuh
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EQUIPMENT

1. Electric Heat Pump	#	48299 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

Jesse Hubbart
Lake City, FL 32024

Project Title:
Hubbart Residence

10/17/2016

Reference City: Gainesville, FL Temperature Difference: 19.0F(TMY3 99%) Humidity difference: 51gr.

Component Loads for Whole House

Window	Type*						Overhang		Window Area(sqft)			HTM		Load	
	Panes	SHGC	U	InSh	IS	Ornt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2 NFRC	0.25, 0.36	No	No	S		11.5f	1.0ft.	8.0	8.0	0.0	12	14	97	Btuh
2	2 NFRC	0.25, 0.36	No	No	S		11.5f	1.0ft.	13.3	13.3	0.0	12	14	161	Btuh
3	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	2.5ft.	18.0	18.0	0.0	12	14	218	Btuh
4	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	6.0	6.0	0.0	12	14	73	Btuh
5	2 NFRC	0.25, 0.36	No	No	S		1.5ft.	1.0ft.	8.0	8.0	0.0	12	14	97	Btuh
6	2 NFRC	0.25, 0.36	No	No	E		1.5ft.	1.0ft.	12.0	0.5	11.5	12	31	362	Btuh
7	2 NFRC	0.25, 0.36	No	No	N		1.5ft.	1.0ft.	54.0	0.0	54.0	12	12	653	Btuh
8	2 NFRC	0.25, 0.36	No	No	W		2.0ft.	1.0ft.	20.0	2.0	18.0	12	31	582	Btuh
9	2 NFRC	0.25, 0.36	No	No	N		1.0ft.	2.5ft.	72.0	0.0	72.0	12	12	871	Btuh
10	2 NFRC	0.25, 0.36	No	No	E		2.0ft.	1.0ft.	20.0	2.0	18.0	12	31	582	Btuh
11	2 NFRC	0.25, 0.36	No	No	E		2.0ft.	1.0ft.	12.0	1.3	10.7	12	31	346	Btuh
12	2 NFRC	0.25, 0.36	No	No	NE		1.5ft.	1.0ft.	48.0	0.0	48.0	12	24	1135	Btuh
13	2 NFRC	0.25, 0.36	No	No	NW		1.5ft.	1.0ft.	12.0	0.0	12.0	12	24	284	Btuh
14	2 NFRC	0.25, 0.36	No	No	NW		1.5ft.	1.0ft.	33.3	0.0	33.3	12	24	788	Btuh
15	2 NFRC	0.25, 0.36	No	No	NW		1.5ft.	1.0ft.	90.0	0.0	90.0	12	24	2128	Btuh
16	2 NFRC	0.25, 0.36	No	No	SW		1.5ft.	1.0ft.	18.0	4.4	13.6	12	25	390	Btuh
Excursion														202	Btuh
Window Total									445 (sqft)					8967	Btuh

Walls	Type	U-Value	R-Value	Area(sqft)	HTM	Load	
							Cav/Sheath
1	Frame - Wood - Ext	0.09	13.0/0.0	40.0	2.3	91	Btuh
2	Frame - Wood - Ext	0.09	13.0/0.0	53.3	2.3	121	Btuh
3	Frame - Wood - Ext	0.09	13.0/0.0	60.0	2.3	136	Btuh
4	Frame - Wood - Ext	0.09	13.0/0.0	138.7	2.3	314	Btuh
5	Frame - Wood - Ext	0.09	13.0/0.0	46.7	2.3	106	Btuh
6	Frame - Wood - Ext	0.09	13.0/0.0	194.7	2.3	441	Btuh
7	Frame - Wood - Ext	0.09	13.0/0.0	318.0	2.3	720	Btuh
8	Frame - Wood - Ext	0.09	13.0/0.0	182.7	2.3	413	Btuh
9	Frame - Wood - Ext	0.09	13.0/0.0	23.3	2.3	53	Btuh
10	Frame - Wood - Ext	0.09	13.0/0.0	108.0	2.3	244	Btuh
11	Frame - Wood - Ext	0.09	13.0/0.0	68.0	2.3	154	Btuh
12	Frame - Wood - Ext	0.09	13.0/0.0	32.0	2.3	72	Btuh
13	Frame - Wood - Ext	0.09	13.0/0.0	54.7	2.3	124	Btuh
14	Frame - Wood - Ext	0.09	13.0/0.0	100.0	2.3	226	Btuh
15	Frame - Wood - Ext	0.09	13.0/0.0	240.0	2.3	543	Btuh
16	Frame - Wood - Ext	0.09	13.0/0.0	222.0	2.3	502	Btuh
17	Frame - Wood - Ext	0.09	13.0/0.0	106.7	2.3	241	Btuh
18	Frame - Wood - Ext	0.09	13.0/0.0	146.7	2.3	332	Btuh
Wall Total				2135 (sqft)		4833	Btuh

Doors	Type	Area (sqft)	HTM	Load	
1	Insulated - Exterior	20.0	13.8	276	Btuh
2	Insulated - Exterior	20.0	13.8	276	Btuh
3	Wood - Exterior	20.0	13.8	276	Btuh
Door Total		60 (sqft)		828	Btuh

Ceilings	Type/Color/Surface	U-Value	R-Value	Area(sqft)	HTM	Load	
1	Vented Attic/Light/Shingle/RB	0.025	38.0/0.0	2611.0	0.86	2253	Btuh
2	Vented Attic/Light/Shingle/RB	0.025	38.0/0.0	461.0	0.86	398	Btuh
Ceiling Total				3072 (sqft)		2651	Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Jesse Hubbart
Lake City, FL 32024

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Hubbart Residence

10/17/2016

Floors	Type	R-Value	Size	HTM	Load	
1	Slab On Grade	0.0	2487 (ft-perimeter)	0.0	0 Btuh	
2	Raised - Open	19.0	439 (sqft)	0.7	308 Btuh	
	Floor Total		2926.0 (sqft)		308 Btuh	
	Envelope Subtotal:				17587 Btuh	
Infiltration	Type	Average ACH	Volume(cuft)	Wall Ratio	CFM=	Load
	Natural	0.28	28382	1	134.7	2802 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		4	X 230	+	1200	2120 Btuh
	Sensible Envelope Load:					22509 Btuh
Duct load	Average sealed,Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.324)		7292 Btuh
	Sensible Load All Zones					29800 Btuh

Manual J Summer Calculations

Residential Load - Component Details (continued)

Jesse Hubbart
Lake City, FL 32024

Project Title: Climate:FL_GAINESVILLE_REGIONAL_A
Hubbart Residence

10/17/2016

WHOLE HOUSE TOTALS		
Whole House Totals for Cooling	Sensible Envelope Load All Zones	22509 Btuh
	Sensible Duct Load	7292 Btuh
	Total Sensible Zone Loads	29800 Btuh
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	Total sensible gain	29800 Btuh
	Latent infiltration gain (for 51 gr. humidity difference)	4649 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	1978 Btuh
	Latent occupant gain (4.0 people @ 200 Btuh per person)	800 Btuh
	Latent other gain	0 Btuh
	Latent total gain	7427 Btuh
	TOTAL GAIN	37228 Btuh

EQUIPMENT		
1. Central Unit	#	37026 Btuh

*Key: Window types (Panes - 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)



Project Name: Hubbart Residence
Street:
City, State, Zip: Lake City , FL , 32024
Owner: Jesse Hubbart
Design Location: FL, Gainesville

Builder Name: Sparks Construction
Permit Office: Columbia County
Permit Number:
Jurisdiction:
County:: Columbia (Florida Climate Zone 2)

1. New construction or existing	New (From Plans)	
2. Single family or multiple family	Single-family	
3. Number of units, if multiple family	1	
4. Number of Bedrooms	3	
5. Is this a worst case?	No	
6. Conditioned floor area above grade (ft ²)	2926	
Conditioned floor area below grade (ft ²)	0	
7. Windows (444.7 sqft.)	Description	Area
a. U-Factor:	DbI, U=0.36	444.67 ft ²
SHGC:	SHGC=0.25	
b. U-Factor:	N/A	ft ²
SHGC:		
c. U-Factor:	N/A	ft ²
SHGC:		
d. U-Factor:	N/A	ft ²
SHGC:		
Area Weighted Average Overhang Depth:		1.957 ft.
Area Weighted Average SHGC:		0.250
8. Floor Types (2926.0 sqft.)	Insulation	Area
a. Slab-On-Grade Edge Insulation	R=0.0	2487.00 ft ²
b. Raised Floor	R=19.0	439.00 ft ²
c. N/A	R=	ft ²

9. Wall Types (2640.0 sqft.)	Insulation	Area
a. Frame - Wood, Exterior	R=13.0	2640.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
d. N/A	R=	ft ²
10. Ceiling Types (3072.0 sqft.)	Insulation	Area
a. Under Attic (Vented)	R=38.0	3072.00 ft ²
b. N/A	R=	ft ²
c. N/A	R=	ft ²
11. Ducts		R ft ²
a. Sup: Attic, Ret: Attic, AH: Main		6 731.5
12. Cooling systems	kBtu/hr	Efficiency
a. Central Unit	37.0	SEER:14.00
13. Heating systems	kBtu/hr	Efficiency
a. Electric Heat Pump	48.3	HSPF:8.20
14. Hot water systems		
a. Electric		Cap 50 gallons
b. Conservation features		EF: 0.920
None		
15. Credits		CV, Pstat

PASS



BUILDING OFFICIAL: _____
DATE: _____

PROJECT

Title:Hubbart Residence

Building Type:User

Owner:Jesse Hubbart

of Units:1

Builder Name:Sparks Construction

Permit Office:Columbia County

Jurisdiction:

Family Type:Single-family

New/Existing:New (From Plans)

Comment:

Bedrooms:3

Conditioned Area:2926

Total Stories:1

Worst Case:No

Rotate Angle:0

Cross Ventilation:Yes

Whole House Fan:No

Address Type:Street Address

Lot #

Block/SubDivision:

PlatBook:

Street:

County:Columbia

City, State, Zip:Lake City , FL , 32024

CLIMATE

✓

Design Location

TMY Site

IECC Zone

Design Temp 97.5 %

2.5 %

Int Design Temp Winter

Summer

Heating Degree Days

Design Moisture

Daily Temp Range

FL, Gainesville

FL_GAINESVILLE_REGI

2

32

92

70

75

1305.5

51

Medium

BLOCKS

Number

Name

Area

Volume

1

Block1

2926

28382

SPACES

Number

Name

Area

Volume

Kitchen

Occupants

Bedrooms

Infil ID

Finished

Cooled

Heated

1

Main

2487

24870

Yes

3

2

1

Yes

Yes

Yes

2

Bonus Room

439

3512

No

1

1

1

Yes

Yes

Yes

FLOORS

✓

#

Floor Type

Space

Perimeter

Perimeter R-Value

Area

Joist R-Value

Tile

Wood

Carpet

1

Slab-On-Grade Edge Insulation

Main

272 ft

0

2487 ft²

0

0

1

2

Raised Floor

Bonus Room

439 ft²

19

0

0

1

ROOF

✓

#

Type

Materials

Roof Area

Gable Area

Roof Color

Solar Absor.

SA Tested

Emitt

Emitt Tested

Deck Insul.

Pitch (deg)

1

Hip

Composition shingles

3808 ft²

0 ft²

Medium

0.96

No

0.9

No

0

39.8

ATTIC

✓

#

Type

Ventilation

Vent Ratio (1 in)

Area

RBS

IRCC

1

Full attic

Vented

300

2926 ft²

Y

N

CEILING													
✓	#	Ceiling Type		Space	R-Value	Ins Type		Area	Framing Frac	Truss Type			
_____	1	Under Attic (Vented)		Main	38	Double Batt		2611 ft²	0.11	Wood			
_____	2	Under Attic (Vented)		Bonus Room	38	Double Batt		461 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	SE	Exterior	Frame - Wood	Main	13	6		10		60.0 ft²		0.23	0.75	0
_____	2	S	Exterior	Frame - Wood	Main	13	5	4	10		53.3 ft²		0.23	0.75	0
_____	3	E	Exterior	Frame - Wood	Main	13	6		10		60.0 ft²		0.23	0.75	0
_____	4	S	Exterior	Frame - Wood	Main	13	18		10		180.0 ft²		0.23	0.75	0
_____	5	W	Exterior	Frame - Wood	Main	13	4	8	10		46.7 ft²		0.23	0.75	0
_____	6	S	Exterior	Frame - Wood	Main	13	22	8	10		226.7 ft²		0.23	0.75	0
_____	7	E	Exterior	Frame - Wood	Main	13	33		10		330.0 ft²		0.23	0.75	0
_____	8	N	Exterior	Frame - Wood	Main	13	23	8	10		236.7 ft²		0.23	0.75	0
_____	9	W	Exterior	Frame - Wood	Main	13	4	4	10		43.3 ft²		0.23	0.75	0
_____	10	N	Exterior	Frame - Wood	Main	13	18		10		180.0 ft²		0.23	0.75	0
_____	11	E	Exterior	Frame - Wood	Main	13	10		10		100.0 ft²		0.23	0.75	0
_____	12	NE	Exterior	Frame - Wood	Main	13	8		10		80.0 ft²		0.23	0.75	0
_____	13	NW	Exterior	Frame - Wood	Main	13	10		10		100.0 ft²		0.23	0.75	0
_____	14	NE	Exterior	Frame - Wood	Main	13	10		10		100.0 ft²		0.23	0.75	0
_____	15	NW	Exterior	Frame - Wood	Main	13	33		10		330.0 ft²		0.23	0.75	0
_____	16	SW	Exterior	Frame - Wood	Main	13	24		10		240.0 ft²		0.23	0.75	0
_____	17	SE	Exterior	Frame - Wood	Main	13	10	8	10		106.7 ft²		0.23	0.75	0
_____	18	SW	Exterior	Frame - Wood	Main	13	16	8	10		166.7 ft²		0.23	0.75	0

DOORS											
✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
_____	1	SE	Insulated	Main	None	.46	3		6	8	20 ft²
_____	2	SW	Insulated	Main	None	.46	3		6	8	20 ft²
_____	3	S	Wood	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	Area	Overhang Depth	Separation	Int Shade	Screening
_____	1	S	4	Vinyl	Low-E Double	Yes	0.36	0.25	8.0 ft²	11 ft 6 in	1 ft 0 in	None	None
_____	2	S	4	Vinyl	Low-E Double	Yes	0.36	0.25	13.3 ft²	11 ft 6 in	1 ft 0 in	None	None
_____	3	S	6	Vinyl	Low-E Double	Yes	0.36	0.25	18.0 ft²	1 ft 6 in	2 ft 6 in	None	None
_____	4	S	6	Vinyl	Low-E Double	Yes	0.36	0.25	6.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	5	S	6	Vinyl	Low-E Double	Yes	0.36	0.25	8.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	6	E	7	Vinyl	Low-E Double	Yes	0.36	0.25	12.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	7	N	8	Vinyl	Low-E Double	Yes	0.36	0.25	54.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	8	W	9	Vinyl	Low-E Double	Yes	0.36	0.25	20.0 ft²	2 ft 0 in	1 ft 0 in	None	None
_____	9	N	10	Vinyl	Low-E Double	Yes	0.36	0.25	72.0 ft²	1 ft 0 in	2 ft 6 in	None	None

WINDOWS													
Orientation shown is the entered, Proposed orientation.													
✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Area	Overhang		Int Shade	Screening
										Depth	Separation		
_____	10	E	11	Vinyl	Low-E Double	Yes	0.36	0.25	20.0 ft²	2 ft 0 in	1 ft 0 in	None	None
_____	11	E	11	Vinyl	Low-E Double	Yes	0.36	0.25	12.0 ft²	2 ft 0 in	1 ft 0 in	None	None
_____	12	NE	12	Vinyl	Low-E Double	Yes	0.36	0.25	48.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	13	NW	13	Vinyl	Low-E Double	Yes	0.36	0.25	12.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	14	NW	13	Vinyl	Low-E Double	Yes	0.36	0.25	33.3 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	15	NW	15	Vinyl	Low-E Double	Yes	0.36	0.25	90.0 ft²	1 ft 6 in	1 ft 0 in	None	None
_____	16	SW	16	Vinyl	Low-E Double	Yes	0.36	0.25	18.0 ft²	1 ft 6 in	1 ft 0 in	None	None

INFILTRATION								
#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000308	2365.2	129.84	244.19	.2373	5

HEATING SYSTEM								
✓	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts	
_____	1	Electric Heat Pump	None	HSPF:8.2	48.3 kBtu/hr	1	sys#1	

COOLING SYSTEM									
✓	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
_____	1	Central Unit	None	SEER: 14	37.03 kBtu/hr	1110 cfm	0.7	1	sys#1

HOT WATER SYSTEM									
✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
_____	1	Electric	None	Main	0.92	50 gal	40 gal	120 deg	None

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

DUCTS														
✓	#	---- Supply ----			---- Return ----			Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	# Cool
		Location	R-Value	Area	Location	Area	Leakage Type							
_____	1	Attic	6	731.5 ft²	Attic	146.3 ft²	Default Leakage	Main	(Default)	c(Default)	c		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 checked="" type="checkbox"/> Nov	<input checked="" type="checkbox"/> Dec	
Heating	<input checked="" type="checkbox"/> Jan	<input checked="" type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input checked="" type="checkbox"/> Apr	<input 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 type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input checked="" type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input type="checkbox"/> Jun	<input type="checkbox"/> Jul	<input type="checkbox"/> Aug	<input type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input checked="" type="checkbox"/> Nov	<input type="checkbox"/> Dec	
Thermostat Schedule: HERS 2006 Reference		Hours											
Schedule Type		1	2	3	4	5	6	7	8	9	10	11	12
Cooling (WD)	AM	78	78	78	78	78	78	78	78	80	80	80	80
	PM	80	80	78	78	78	78	78	78	78	78	78	78
Cooling (WEH)	AM	78	78	78	78	78	78	78	78	78	78	78	78
	PM	78	78	78	78	78	78	78	78	78	78	78	78
Heating (WD)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66
Heating (WEH)	AM	66	66	66	66	66	68	68	68	68	68	68	68
	PM	68	68	68	68	68	68	68	68	68	68	66	66

ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX* = 98
The lower the EnergyPerformance Index, the more efficient the home.

, Lake City, FL, 32024

1. New construction or existing	New (From Plans)		9. Wall Types	Insulation	Area
2. Single family or multiple family	Single-family		a. Frame - Wood, Exterior	R=13.0	2640.00 ft²
3. Number of units, if multiple family	1		b. N/A	R=	ft²
4. Number of Bedrooms	3		c. N/A	R=	ft²
5. Is this a worst case?	No		d. N/A	R=	ft²
6. Conditioned floor area (ft²)	2926		10. Ceiling Types	Insulation	Area
7. Windows**	Description	Area	a. Under Attic (Vented)	R=38.0	3072.00 ft²
a. U-Factor:	DbI, U=0.36	444.67 ft²	b. N/A	R=	ft²
SHGC:	SHGC=0.25		c. N/A	R=	ft²
b. U-Factor:	N/A	ft²	11. Ducts		R ft²
SHGC:			a. Sup: Attic, Ret: Attic, AH: Main	6	731.5
c. U-Factor:	N/A	ft²	12. Cooling systems	kBtu/hr	Efficiency
SHGC:			a. Central Unit	37.0	SEER:14.00
d. U-Factor:	N/A	ft²	13. Heating systems	kBtu/hr	Efficiency
SHGC:			a. Electric Heat Pump	48.3	HSPF:8.20
Area Weighted Average Overhang Depth:		1.957 ft.	14. Hot water systems		Cap: 50 gallons
Area Weighted Average SHGC:		0.250	a. Electric		EF: 0.92
8. Floor Types	Insulation	Area	b. Conservation features		
a. Slab-On-Grade Edge Insulation	R=0.0	2487.00 ft²	None		
b. Raised Floor	R=19.0	439.00 ft²	15. Credits		CV, Pstat
c. N/A	R=	ft²			

I certify that this home has complied with the Florida Energy Efficiency Code for Building Construction through the above energy saving features which will be installed (or exceeded) in this home before final inspection. Otherwise, a new EPL Display Card will be completed based on installed Code compliant features.

Builder Signature: _____ Date: _____

Address of New Home: _____ City/FL Zip: _____



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

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

COLUMBIA COUNTY OFFICE OF OCCUPANCY

COLUMBIA COUNTY, FLORIDA

Department of Building and Zoning Inspection

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

Parcel Number 30-6S-17-09813-003

Building permit No. 000034931

Use Classification SFD, UTILITY

Fire: 187.12

Permit Holder JOSH SPARKS

Waste: 128.72

Owner of Building JESSE & ELIZABETH HUBBART

Total: 315.84

Location: 14654 SW TUSTENUGGEE AVE., FT. WHITE, FL 32038

Date: 02/19/2018



Building Inspector

Steph Curran

POST IN A CONSPICUOUS PLACE
(Business Places Only)

APPLICANTROSY SPARKSPHONE623-7876

ADDRESS426SW COMMERCE DRLAKE CITYFL32025

OWNERJESSE & ELIZABETH HUBBARTPHONE

ADDRESS14654SW TUSTENUGGEE AVEFORT WHITEFL32038

CONTRACTORJOSH SPARKSPHONE623-0575

LOCATION OF PROPERTY441 S, R TUSTENUGGEE AVE, PROPERTY ON THE CORNER OF
CR-18 AND TUSTENUGGEE

TYPE DEVELOPMENTSFD, UTILITYESTIMATED COST OF CONSTRUCTION216200.00

HEATED FLOOR AREAS2926.00TOTAL AREA4324.00HEIGHTSTORIES2

FOUNDATIONCONCRETEWALLSFRAMEDROOF PITCHFLOORSLAB

LAND USE & ZONINGAG-3MAX. HEIGHT35

Minimum Set Back Requirments:STREET-FRONT30.00REAR25.00SIDE25.00

NO. EX.D.U.0FLOOD ZONEXDEVELOPMENT PERMIT NO.

PARCEL ID30-6S-17-09813-003SUBDIVISION

LOTBLOCKPHASEUNITTOTAL ACRES10.07

000002375CBC1252260

Culvert Permit No.Culvert WaiverContractor's License NumberApplicant/Owner/Contractor

CULVERT17-0037-NCSTCTCN

Driveway ConnectionSeptic Tank NumberLU & Zoning checked byApproved for IssuanceNew ResidentTime/STUP No.

COMMENTS: FLOOR ONE FOOT ABOVE THE ROAD, NOC ON FILE

Check # or Cash79

FOR BUILDING & ZONING DEPARTMENT ONLY

(footer/Slab)

Temporary PowerFoundationMonolithic

date/app. bydate/app. bydate/app. by

Under slab rough-in plumbingSlabSheathing/Nailing

date/app. bydate/app. bydate/app. by

FramingInsulation

date/app. bydate/app. by

Rough-in plumbing above slab and below wood floorElectrical rough-in

date/app. bydate/app. by

Heat & Air DuctPeri. beam (Lintel)Pool

date/app. bydate/app. bydate/app. by

Permanent powerC.O. FinalCulvert

date/app. bydate/app. bydate/app. by

Pump poleUtility PoleM/H tie downs, blocking, electricity and plumbing

date/app. bydate/app. bydate/app. by

ReconnectionRVRe-roof

date/app. bydate/app. bydate/app. by

BUILDING PERMIT FEE \$1085.00CERTIFICATION FEE \$21.62SURCHARGE FEE \$21.62

MISC. FEES \$0.00ZONING CERT. FEE \$50.00FIRE FEE \$0.00WASTE FEE \$

PLAN REVIEW FEE \$271.00DP & FLOOD ZONE FEE \$25.00CULVERT FEE \$25.00TOTAL FEE1499.24

INSPECTORS OFFICECLERKS 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.