

Put in Comments -
Per Plat - Main fair the 20' drainage easement between lots 2 and 3
#442466 25' 15' 10'

Columbia County New Building Permit Application

For Office Use Only Application # 190745 Date Received 7/11/19 By ME Permit # 39114
Zoning Official MA Date 7-18-19 Flood Zone X Land Use RD Zoning PRD
FEMA Map # _____ Elevation _____ MFE 116' River _____ Plans Examiner TC Date 7-19-19
Comments Minimum floor elevation per Plat is 116', need elevation confirmation letter at slabs
☒ NOC ☒ DEED or PA ☒ Site Plan ☐ State Road Info ☒ Well letter ☒ 11 Sheet ☐ Parent Parcel # _____
☐ Dev Permit # _____ ☐ In Floodway ☐ Letter of Auth. from Contractor ☐ F W Comp. letter
☐ Owner Builder Disclosure Statement ☐ Land Owner Affidavit ☐ Ellisville Water ☒ App Fee Paid ☐ Sub VF Form

Septic Permit No. X-City OR City Water ☒ Fax _____

Applicant (Who will sign/pickup the permit) ADAM PAPKA / Stacy Mansfield Phone 386-623-2383

Address Po Box 1921 Lake City FL 32056

Owners Name Amelia Landing Inc Phone 754-6699

* 911 Address 172 SW Beacon Way, Lake City FL 32025

Contractors Name ADAM PAPKA Phone 386-623-2383

Address Po Box 1921 Lake City FL 32056

Contractor Email adam@builtbyadam.com ***Include to get updates on this job.

Fee Simple Owner Name & Address Bolled MGMT.

Bonding Co. Name & Address _____

Architect/Engineer Name & Address Nicholas Gersler, Ar 1758 NW BROWN RD

Mortgage Lenders Name & Address NA. LC SL 32055

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

Property ID Number 13-45-16-02951-10.3 Estimated Construction Cost 125, X

Subdivision Name AMELIA Landing Lot 3 Block _____ Unit _____ Phase 1

Driving Directions from a Major Road From HWY 90 take sisters Welcome to

Business Point Drive & go @ continue 1/2 mile to SW Beacon way go @

house will be on @

Construction of New home Commercial OR ☒ Residential

Proposed Use/Occupancy Single Family 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 ☒ Private Rd Have an Existing Drive

Actual Distance of Structure from Property Lines - Front 34 Side 34 Side 34 Rear 105

Number of Stories 1 Heated Floor Area 1522 Total Floor Area 2089 Acreage .05

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

Ju space w/ Adam 8.6.19

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.

Chris A. Bullard
Print Owners Name

Chris A. Bullard
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.

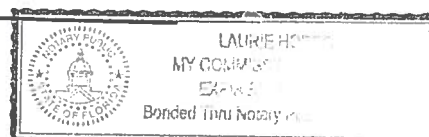
[Signature]
Contractor's Signature

Contractor's License Number CBC1253409
Columbia County
Competency Card Number 514

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 11 day of July 2019.
Personally known ☐ or Produced Identification [Signature]

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

SEAL:



PRRD
PLAT BOOK 1 PAGE 39
SHEET 2 OF 2

COLUMBIA COUNTY, FLORIDA

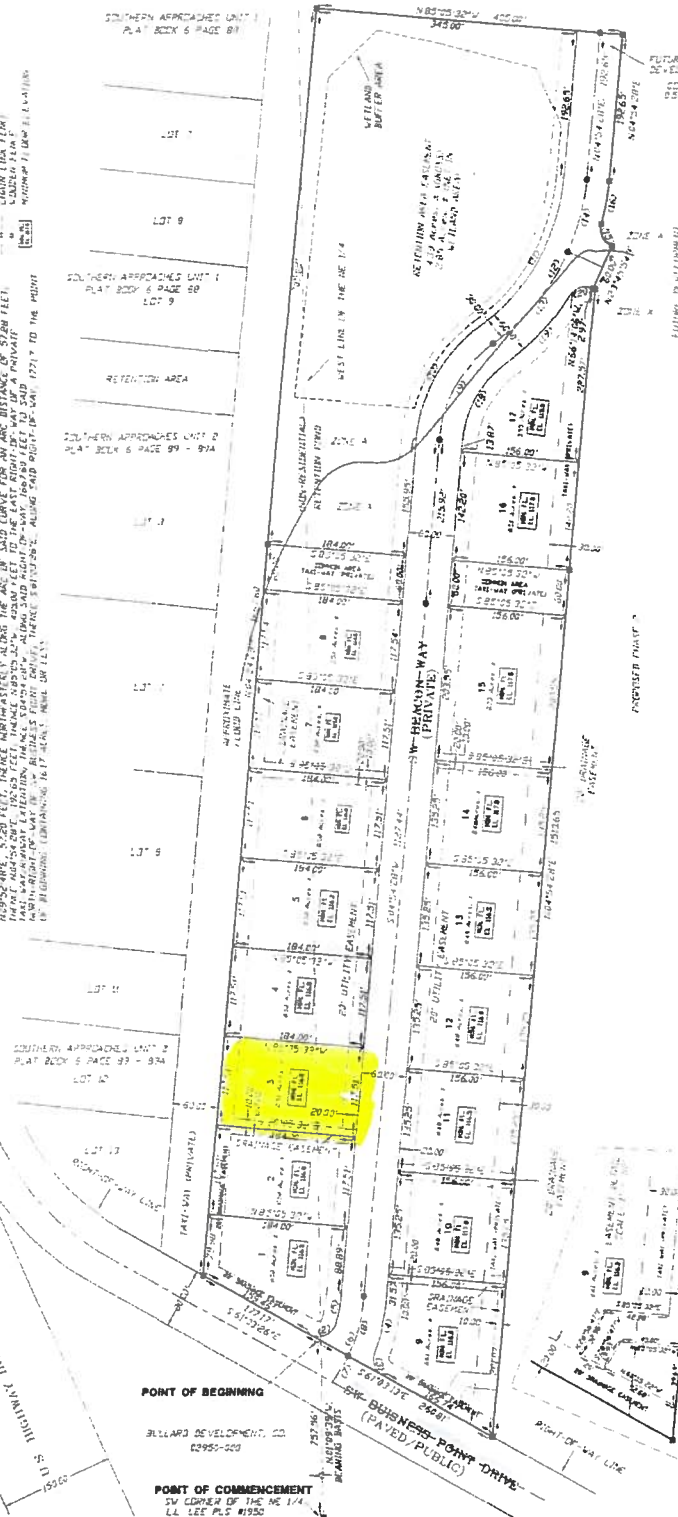
LAPORTE INC.

4' 3" 2.0' 1.6'

gms

LAPORTE, J. A. I.

Y	A	B	D	L	E	O	T	P
1	P	S	S	S	S	S	S	S
2	P	S	S	S	S	S	S	S
3	P	S	S	S	S	S	S	S
4	P	S	S	S	S	S	S	S
5	P	S	S	S	S	S	S	S
6	P	S	S	S	S	S	S	S
7	P	S	S	S	S	S	S	S
8	P	S	S	S	S	S	S	S
9	P	S	S	S	S	S	S	S
10	P	S	S	S	S	S	S	S
11	P	S	S	S	S	S	S	S
12	P	S	S	S	S	S	S	S
13	P	S	S	S	S	S	S	S
14	P	S	S	S	S	S	S	S
15	P	S	S	S	S	S	S	S
16	P	S	S	S	S	S	S	S
17	P	S	S	S	S	S	S	S
18	P	S	S	S	S	S	S	S
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33	P	S	S	S	S	S	S	S
34	P	S	S	S	S	S	S	S
35	P	S	S	S	S	S	S	S
36	P	S	S	S	S	S	S	S
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39	P	S	S	S	S	S	S	S
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41	P	S	S	S	S	S	S	S
42	P	S	S	S	S	S	S	S
43	P	S	S	S	S	S	S	S
44	P	S	S	S	S	S	S	S
45	P	S	S	S	S	S	S	S
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53	P	S	S	S	S	S	S	S
54	P	S	S	S	S	S	S	S
55	P	S	S	S	S	S	S	S
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60	P	S	S	S	S	S	S	S
61	P	S	S	S	S	S	S	S
62	P	S	S	S	S	S	S	S
63	P	S	S	S	S	S	S	S
64	P	S	S	S	S	S	S	S
65	P	S	S	S	S	S	S	S
66	P	S	S	S	S	S	S	S
67	P	S	S	S	S	S	S	S
68	P	S	S	S	S	S	S	S
69	P	S	S	S	S	S	S	S
70	P	S	S	S	S	S	S	S
71	P	S	S	S	S	S	S	S
72	P	S	S	S	S	S	S	S
73	P	S	S	S	S	S	S	S
74	P	S	S	S				

[illegible]

NOTICE: THIS PLAT AS RECORDED IN ITS GRAPHICAL FORM, IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLEMENTED IN AUTHORITY BY OTHER GRAPHICAL OR DIGITAL FORM OF THE PLAT. THERE MAY BE ADDITIONAL RESTRICTIONS THAT ARE NOT RECORDED ON THIS PLAT THAT MAY BE FOUND IN THE PUBLIC RECORDS OF THIS COUNTY.

6

ALL PLATED WITH LIT EASEMENTS CABLE PRIVATE THAT SUCH FATE THIS WILL BE FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES. HOWEVER, THE SATELLITE CONSTRUCTION, INSTALLATION, MAINTENANCE, AND OPERATION OF CABLE TELEVISION SERVICES WITH THE FACILITIES AND SERVICES IS ILLEGAL TELEPHONE. WITHIN PUBLIC UTILITY IN THE EVENT THAT A CABLE TELEPHONE WAS ONLY CARRIED THE FACILITIES IN A CABLE THAT IT SHOULD BE A SEPARATE CABLE.

DATE	ST. 1A	ANG	LAND	LAND REVENUE
1877-78	424.79	424.79	18.88	18.88
1878-79	435.76	435.76	25.54	25.54
1879-80	438.91	438.91	30.11	30.11
1880-81	440.50	440.50	35.01	35.01
1881-82	442.11	442.11	40.00	40.00
1882-83	443.71	443.71	44.00	44.00
1883-84	445.31	445.31	48.00	48.00
1884-85	446.91	446.91	52.00	52.00
1885-86	448.51	448.51	56.00	56.00
1886-87	450.11	450.11	60.00	60.00
1887-88	451.71	451.71	64.00	64.00
1888-89	453.31	453.31	68.00	68.00
1889-90	454.91	454.91	72.00	72.00
1890-91	456.51	456.51	76.00	76.00
1891-92	458.11	458.11	80.00	80.00
1892-93	459.71	459.71	84.00	84.00
1893-94	461.31	461.31	88.00	88.00
1894-95	462.91	462.91	92.00	92.00
1895-96	464.51	464.51	96.00	96.00
1896-97	466.11	466.11	100.00	100.00
1897-98	467.71	467.71	104.00	104.00
1898-99	469.31	469.31	108.00	108.00
1899-00	470.91	470.91	112.00	112.00
1900-01	472.51	472.51	116.00	116.00
1901-02	474.11	474.11	120.00	120.00
1902-03	475.71	475.71	124.00	124.00
1903-04	477.31	477.31	128.00	128.00
1904-05	478.91	478.91	132.00	132.00
1905-06	480.51	480.51	136.00	136.00
1906-07	482.11	482.11	140.00	140.00
1907-08	483.71	483.71	144.00	144.00
1908-09	485.31	485.31	148.00	148.00
1909-10	486.91	486.91	152.00	152.00
1910-11	488.51	488.51	156.00	156.00
1911-12	490.11	490.11	160.00	160.00
1912-13	491.71	491.71	164.00	164.00
1913-14	493.31	493.31	168.00	168.00
1914-15	494.91	494.91	172.00	172.00
1915-16	496.51	496.51	176.00	176.00
1916-17	498.11	498.11	180.00	180.00
1917-18	499.71	499.71	184.00	184.00
1918-19	501.31	501.31	188.00	188.00
1919-20	502.91	502.91	192.00	192.00
1920-21	504.51	504.51	196.00	196.00
1921-22	506.11	506.11	200.00	200.00
1922-23	507.71	507.71	204.00	204.00
1923-24	509.31	509.31	208.00	208.00
1924-25	510.91	510.91	212.00	212.00
1925-26	512.51	512.51	216.00	216.00
1926-27	514.11	514.11	220.00	220.00
1927-28	515.71	515.71	224.00	224.00
1928-29	517.31	517.31	228.00	228.00
1929-30	518.91	518.91	232.00	232.00
1930-31	520.51	520.51	236.00	236.00
1931-32	522.11	522.11	240.00	240.00
1932-33	523.71	523.71	244.00	244.00
1933-34	525.31	525.31	248.00	248.00
1934-35	526.91	526.91	252.00	252.00
1935-36	528.51	528.51	256.00	256.00
1936-37	530.11	530.11	260.00	260

BRITT SURVEYING
LAND SURVEYORS AND MAPERS

1426 WEST RIVAL STREET
LAKE CITY, FLORIDA 32055

WILLIAMS, (JOS.) 722-7163 (A.N. 6306) 752-5573 VJURK (NIX) 1# 1-16538

Columbia County Property Appraiser

Jeff Hampton

2018 Tax Roll Year

updated 6/25/2019

Parcel: << 13-4S-16-02951-103 >>

Aerial Viewer Pictometry Google Maps

Owner & Property Info

Result: 1 of 1

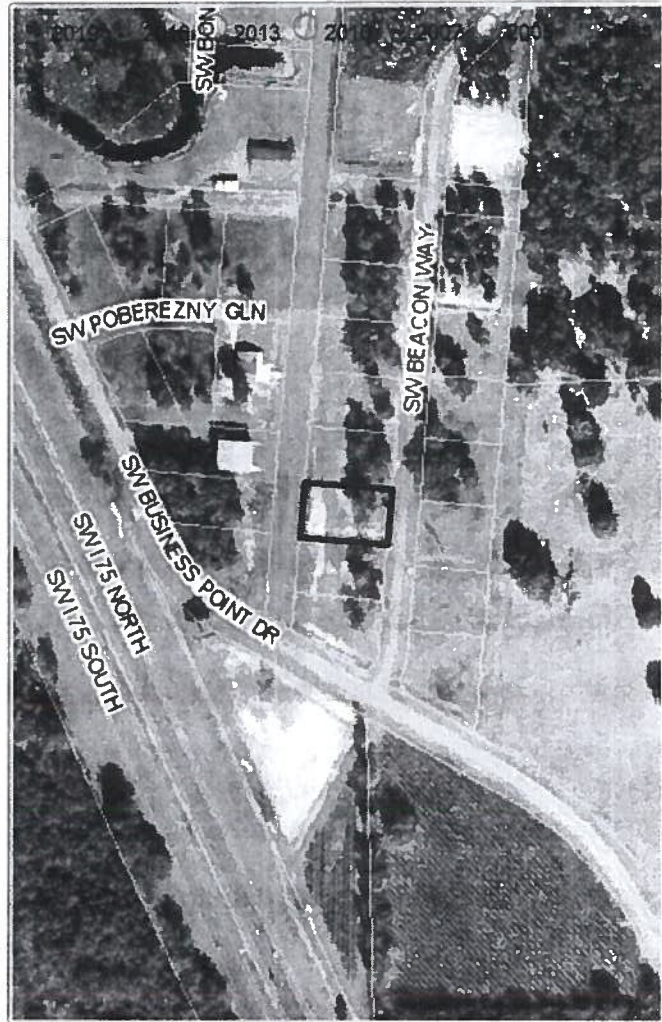
Owner	AMELIA LANDING INC P O BOX 1733 LAKE CITY, FL 320561733		
Site			
Description*	LOT 3 AMELIA LANDING PHASE 1.		
Area	0.51 AC	S/T/R	13-4S-16
Use Code**	VACANT (000000)	Tax District	2

*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)	\$21,000	Mkt Land (1)	\$17,000
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (0)	\$0	Building (0)	\$0
XFOB (0)	\$0	XFOB (0)	\$0
Just	\$21,000	Just	\$17,000
Class	\$0	Class	\$0
Appraised	\$21,000	Appraised	\$17,000
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$21,000	Assessed	\$17,000
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$21,000 city:\$21,000 other:\$21,000 school:\$21,000	Total Taxable	county:\$17,000 city:\$17,000 other:\$17,000 school:\$17,000

**▼ Sales History**

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
NONE						

▼ Building Characteristics

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

▼ Extra Features & Out Buildings (Codes)

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

▼ Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000000	VAC RES (MKT)	1.000 LT - (0.510 AC)	1.00/1.00 1.00/1.00	\$17,000	\$17,000

Search Result: 1 of 1

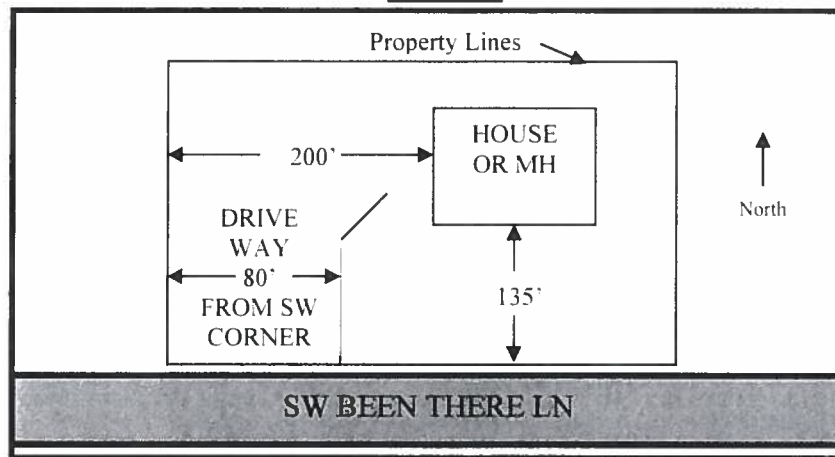
© Columbia County Property Appraiser | Jeff Hampton | Lake City, Florida | 386-758-1083

by: GrizzlyLogic.com

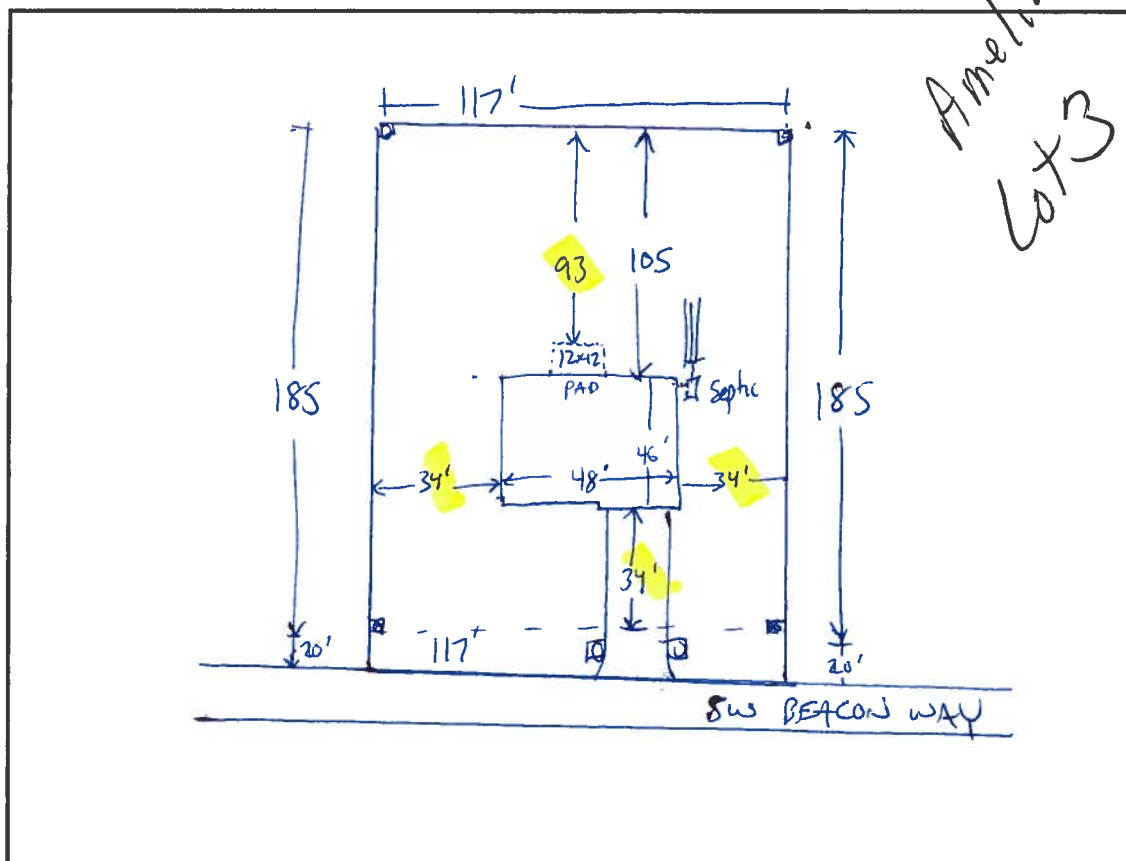
Page 2, Site Plan for 9-1-1 Address Application From

1. A PLAT, PLAN, OR DRAWING SHOWING THE PROPERTY LINES OF THE PARCEL.
2. LOCATION OF PLANNED RESIDENT OR BUSINESS STRUCTURE ON THE PROPERTY WITH DISTANCES FROM AT LEAST TWO OF THE PROPERTY LINES TO THE STRUCTURE (SEE SAMPLE BELOW).
3. LOCATION OF THE ACCESS POINT (DRIVEWAY, ETC.) ON THE ROADWAY FROM WHICH LOCATION IS TO BE ADDRESSED WITH A DISTANCE FROM A PARALLEL PROPERTY LINE AND/OR PROPERTY CORNER (SEE SAMPLE BELOW).
4. TRAVEL OF THE DRIVEWAY FROM THE ACCESS POINT TO THE STRUCTURE (SEE SAMPLE BELOW).

SAMPLE:



SITE PLAN BOX:



Legend

2018Aerials

Parcels

Addresses

2018 Flood Zones

0.2 PCT ANNUAL CHANCE

A

AE

AH

LidarElevations

X



Roads

Roads

others

Dirt

Interstate

Columbia County, FLA - Building & Zoning Property Map

Printed: Thu Jul 18 2019 18:04:59 GMT-0400 (Eastern Daylight Time)



Parcel Information

Parcel No: 13-4S-16-02951-103

Owner: AMELIA LANDING INC

Subdivision: AMELIA LANDING PHASE 1

Lot:

Acres: 0.495943844

Deed Acres:

District: District 5 Tim Murphy

Future Land Uses: Residential - Low

Flood Zones:

Official Zoning Atlas: PRD

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

This Instrument Prepared by & return to:
Chris A. Bullard
Bullard Development Co.
Address: P.O. Box 766
Lake City, FL 32056-0766

WARRANTY DEED
FROM CORPORATION

Property Appraisers Parcel ID Numbers(s)
13-4S-16-02949-000

Inst: 2006080697 Date: 04/10/2006 Time: 11:33
Doc Stamp Fee: 0.70
DC, P. Dewitt Cason, Columbia County B: 1080 P: 237

Space above this line for processing data

Space above this line for recording data

This Warranty Deed, Made and executed the 3rd Day of April, 2006, by
Bullard Development Co., a corporation existing under the laws of the State of Florida, and
having its principal place of business at: P.O. Box 766, Lake City, FL 32056-0766, hereinafter called the
grantor, to: Amelia Landing Inc, a corporation existing under the laws of the State of Florida, and
having its principal place of business at: P.O. Box 1733, Lake City, FL 32056-1733, hereinafter called the
Grantee.

(Wherever used herein the terms "Grantor" and "Grantee" include all the parties to this instrument, singular and plural, and the heirs, legal representatives,
and assigns of individuals, and the successors and assigns of corporations, wherever the context so admits or requires.)

Witnessed. That the Grantor, for and in consideration of the sum of \$10.00 (Ten Dollars) and other valuable
considerations, receipt whereof is hereby acknowledged, by these presents does grant, bargain, sell, alien, remise,
release, convey and confirm unto the Grantee, all that certain land, situate in Columbia County, State of Florida,
viz:

See Schedule A attached

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 it is lawfully seized of said land in fee simple; that
it has the good right and lawful authority to sell and convey said land; that it 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, 2005.

(Corporate Seal)

In Witness Whereof, the said Grantor has caused these presents to be executed in its
name, and its corporate seal to be hereunto affixed, by its proper officers thereunto duly
authorized, the day and year first above written.

ATTEST:
Signed, sealed and delivered in the presence of:
Witness Signature Jule Bielling
Printed Name Jule Bielling
Witness Signature Ethel M. Rasor
Printed Name Ethel M. Rasor
STATE OF FLORIDA
COUNTY OF COLUMBIA

Bullard Development Co.
Name of Grantor
Chris A. Bullard
Vice President (Signature)
Chris A. Bullard, Vice President
Vice President's Printed Name
P.O. Box 1432, Lake City, FL 32056-0766
Grantor's Post Office Address

I hereby Certify that on this day, before me, an officer duly authorized to administer oaths and take
acknowledgments, personally appeared Chris A. Bullard, known to me to be the Vice President
of Bullard Development Co., the corporation in whose name the foregoing instrument was
executed, and that he severally acknowledged executing the same for such corporation, freely and
voluntarily, under authority duly vested in him by said corporation and that the seal affixed thereto
is the true corporate seal of the corporation, and that an oath was not taken. Said person is personally
known to me X.

Said person produced the following type of identification: _____

Witness my hand and official seal in the County and State last aforesaid this 3rd of
April, 2006.



Ethel M. Rasor
Notary Signature

SCHEDULE A

DESCRIPTION: {NORTH 5.18 ACRES OF TOTAL TRACT}
A PART OF THE NORTH 1/2 OF SECTION 13, TOWNSHIP 4 SOUTH, RANGE 16 EAST,
COLUMBIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS
COMMENCE AT THE SOUTHWEST CORNER OF THE NE 1/4 OF SAID SECTION 13 AND RUN
N 01°09'39"W, ALONG THE WEST LINE OF THE SAID NE 1/4 A DISTANCE OF 745.94 FEET TO
THE NEW NORTH RIGHT-OF-WAY LINE OF SW BUSINESS POINT DRIVE, THENCE
S 61°09'10"E, ALONG SAID RIGHT-OF-WAY LINE, A DISTANCE OF 259.23 FEET. THENCE
N 04°54'28"E, A DISTANCE OF 1069.33 FEET FOR A POINT OF BEGINNING. THENCE
CONTINUE N 04°54'28"E, A DISTANCE OF 564.10 FEET, THENCE N 85°05'32"W, A DISTANCE
OF 400.00 FEET; THENCE S 01°13'06"E, A DISTANCE OF 567.34 FEET, THENCE S 85°05'32"E, A
DISTANCE OF 339.46 FEET TO THE POINT OF BEGINNING.
CONTAINING 4.87 ACRES MORE OR LESS.

Inst:2006008697 Date:04/10/2006 Time:11:33
Doc Stamp-Deed : 0.70
_____, P. DeWitt Cason, Columbia County B:1080 P:238

SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # 1907-45 JOB NAME Amelia Landry

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.

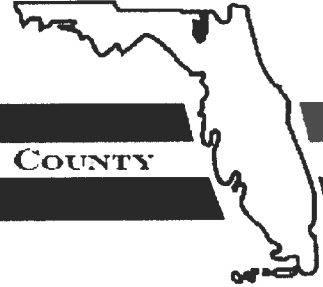
Use website to confirm licenses: <http://www.columbiacountyfla.com/PermitSearch/ContractorSearch.aspx>

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 CC# <u>380</u>	Print Name <u>DONALD DAVIS</u> Signature <u>[Signature]</u> Company Name: <u>HIGH SPRINGS ELECTRIC</u> License #: <u>EC0002306</u> Phone #: <u>386-623-0499</u>	Need - Lic - Liab - W/C - EX - DE
MECHANICAL/ A/C <u>B</u> CC# <u>802</u>	Print Name <u>CLINT WILSON</u> Signature <u>[Signature]</u> Company Name: <u>WILSON HEATING & AIR CONDITIONING</u> License #: <u>BAC057886</u> Phone #: <u>386-623-0618</u>	Need - Lic - Liab - W/C - EX - DE
PLUMBING/ GAS <u>D</u> CC# <u>714</u>	Print Name <u>MORIC B BARRS</u> Signature <u>[Signature]</u> Company Name: <u>BARRS PLUMBING</u> License #: <u>CPL057219</u> Phone #: <u>752-8656</u>	Need - Lic - Liab - W/C - EX - DE
ROOFING CC# <u>494</u>	Print Name <u>CALEB LAGHLIN</u> Signature <u>[Signature]</u> Company Name: <u>Precision Exteriors LLC</u> License #: <u>CCC1327718</u> Phone #: <u>752-4022</u>	Need - Lic - Liab - W/C - EX - DE
SHEET METAL CC# <u>NA</u>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
FIRE SYSTEM/ SPRINKLER CC# <u>NA</u>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
SOLAR CC# <u>NA</u>	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE
STATE SPECIALTY CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need - Lic - Liab - W/C - EX - DE

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



BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY

Address Assignment and Maintenance Document

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

Date/Time Issued: **7/23/2019 2:34:54 PM**
Address: **172 SW BEACON Way**
City: **LAKE CITY**
State: **FL**
Zip Code **32025**

Parcel ID **02951-103**

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

*Amelia
Landon
- Lot 3 -*



August 20, 2019

Bullard Management Services, Inc.
PO BOX 1432
Lake City, FL 32056

RE: Service Availability Letter

To Whom It May Concern,

Thank you for your inquiry regarding the availability of city utilities. The City of Lake City has potable water and sanitary sewer available to tap into at 172 SW Beacon Way, Parcel 13-4S-16-02951-103.

This availability response does not represent the City of Lake City's commitment for or reservation of capacity. In accordance with the City of Lake City's policies and procedures, commitment to serve is made only upon the City of Lake City's approval of your application for service and receipt of your payment for all applicable fees.

If you have any questions, please feel free to contact me at (386) 719-5786 during our normal business hours of 8:00 am to 4:30 pm, Monday through Friday. I will be happy to assist you.

Sincerely,

Shasta Pelham
Utility Service Coordinator

Brian Scott 
Director of Distribution and Collections



COLUMBIA COUNTY BUILDING DEPARTMENT RESIDENTIAL CHECK LIST

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

ALL REQUIREMENTS ARE SUBJECT TO CHANGE

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

FOR DESIGN PURPOSES THE FOLLOWING BASIC WIND SPEEDS ARE PER FLORIDA BUILDING CODE FIGURE 1609-A THROUGH 1609-C ULTIMATE DESIGN WIND SPEEDS FOR RISK CATEGORY AND BUILDINGS AND OTHER STRUCTURES
Revised 12/2016

GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Marked as
Applicable

			Select From the Dropbox		
1	Two (2) complete sets of plans containing the following:		-	Yes	
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void		-	Yes	
3	Condition space (Sq. Ft.)	2157	Total (Sq. Ft.) under roof	3048	YES NO N/A

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

Site Plan information including:

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

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

GENERAL REQUIREMENTS: APPLICANT - PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL

Items to Include-
Each Box shall be
Marked as
Applicable

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

Elevations Drawing including:

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

Floor Plan including:

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

All materials placed within opening or onto/into exterior walls, soffits or roofs shall have Florida product approval number and mfg. installation information submitted with the plans (see Florida product approval form)

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

FBCR 403: Foundation Plans

Select From the Dropbox

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

FBCR 506: CONCRETE SLAB ON GRADE

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

FBCR 318: PROTECTION AGAINST TERMITES

36	Indicate on the foundation plan if soil treatment is used for subterranean termite prevention or Submit other approved termite protection methods. Protection shall be provided by registered termiticides	- <input checked="" type="checkbox"/>
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FBCR 606: Masonry Walls and Stem walls (load bearing & shear Walls)

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

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

Floor Framing System: First and/or second story

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

YES / NO / N/A

FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION

GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL		Items to Include- Each Box shall be Marked as Applicable	
Select From the Dropdown			
52	Stud type, grade, size, wall height and oc spacing for all load bearing or shear walls	-	yes
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	-	yes
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	-	yes
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	-	yes
56	Show sizes, type, span lengths and required number of support jack studs, king studs for shear wall opening and girder or header per IRC Table 502.5 (1)	-	yes
57	Indicate where pressure treated wood will be placed	-	yes
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	-	yes
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	-	yes

FBCR :ROOF SYSTEMS:

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

FBCR 802:Conventional Roof Framing Layout

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

FBCR 803 ROOF SHEATHING

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

ROOF ASSEMBLIES FRC Chapter 9

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

FBCR Chapter 11 Energy Efficiency Code for residential building

Residential construction shall comply with this code by using the following compliance methods in the FBCR chapter 11 Residential buildings compliance methods. **Two of the required forms are to be submitted, N1100.1.1.1 As an alternative to the computerized Compliance Method A, the Alternate Residential Point System Method hand calculation, Alternate Form 600A, may be used. All requirements specific to this calculation are located in Sub appendix C to Appendix G. Buildings complying by this alternative shall meet all mandatory requirements of this chapter. Computerized versions of the Alternate Residential Point System Method shall not be acceptable for code compliance.**

YES / NO / N/A

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

HVAC information

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

Plumbing Fixture layout shown

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

Private Potable Water

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

Electrical layout shown including

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

GENERAL REQUIREMENTS:
 APPLICANT PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL.

Items to Include-
 Each Box shall be
 Circled as
 Applicable

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.	<input checked="" type="checkbox"/>		
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	<input checked="" type="checkbox"/>		
94	Town of Fort White (386) 497-2321 If the parcel in the application for building permit is within the Corporate city limits of Fort White, an approval land use development letter issued by the Town of Fort is required to be submitted with the application for a building permit.	<input checked="" type="checkbox"/>		
***	BELOW ITEMS ONLY NEEDED AFTER ZONING APPROVAL HAS GIVEN.	****	***	***
95	Environmental Health Permit or Sewer Tap Approval A copy of a approved Columbia County Environmental Health (386) 758-1058	<input checked="" type="checkbox"/>		
96	City of Lake City A City Water and/or Sewer letter. Call 386-752-2031	<input checked="" type="checkbox"/>		
97	Flood Information: All projects within the Floodway of the Suwannee or Santa Fe Rivers shall require permitting through the Suwannee River Water Management District, before submitting a application to this office. Any project located within a flood zone where the base flood elevation (100 year flood) has been established shall meet the requirements of Section 8.5.2 of the Columbia County Land Development Regulations. Any project located within a flood zone where the base flood elevation has not been established (Zone A) shall meet the requirements of Section 8.5.3 of the Columbia County Land Development Regulations	<input checked="" type="checkbox"/>		
98	CERTIFIED FINISHED FLOOR ELEVATIONS will be required on any project where the approved FIRM Flood Maps show the property is in a AE, Floodway, and AH flood zones. Additionally One Foot Rise letters are required for AE and AH zones. In the Floodway Flood zones a Zero Rise letter is required.	<input checked="" type="checkbox"/>		
99	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00	<input checked="" type="checkbox"/>		
100	Driveway Connection: If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required	<input checked="" type="checkbox"/>		
101	911 Address: An application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	<input checked="" type="checkbox"/>		

TOILET FACILITIES SHALL BE PROVIDED FOR ALL CONSTRUCTION SITES. NO

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

Notice Of Commencement

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

Section R101.2.1 of the Florida Building Code Residential:

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

FLORIDA PRODUCT APPROVALS

10-16-15

Rogue Valley Wood

FL-13137

Item:	Manufacturer	Product Description:	Approval Number:
Exterior Doors:	Masonite	Inswing & Outswing Fiberglass	FL-8228-R7
	Masonite	Inswing & Outswing Steel	FL-4904-R7
	Plastpro	8'0" Inswing & Outswing Fiberglass	FL-15220-R1
	Plastpro	Inswing & Outswing Steel	FL-15962-R2
	Plastpro	6'8" Inswing & Outswing Fiberglass	FL-15215-R3 flush glazed
		6'6" Fib - Glazed Door	FL-17347
Windows:	MI	Aluiminum 185 Single Hung	FL-17499
		Aluiminum 185 Picture Window	FL-15349
		* 53" x 50" 3580 Wx-Slider	FL-13349-2
		Vinyl 3540 Single Hung	FL-17676-R1
		Vinyl 3500 Picture Window	FL-18644
	Atrium	150/160	FL-11834
	Magnolia	Vinyl 400 Single Hung	FL-16475-R3
		Vinyl 400 Picture Window	FL-16474-R2
		400 Wx-Slider	FL-16476-1
Soffit:	Kaycan	Vinyl/PVC & Aluminum Soffit	FL-16503
		Vinyl Siding	FL-15867-R1
	LCIHW (House Wrap)	International Bag Code	ESR-3774
Underlayment:	Woodland	30# Felt	FL-17206-R3
	Interwrap	Rhino	FL-15216
Roofing:	Certainteed	Asphalt Shingles	FL-5444
	GAF	Asphalt Shingles	FL-10124-R16
	Tamko	Asphalt Shingles	FL-18355
	Certainteed	Flintlastic SBS & APP	FL-16709-1
Siding:	Allura of Plycem	Cement board lap siding	FL-17482-R2
	James Hardie	Cement board lap siding	FL-13192-R4
Simpson		LSTA - MSTA, SPH4	FL-13872-R2
	GAF	Tiger Paw Underlayment	FL-15487-R5
Metal Roofing		5V Roofing	FL-9555-R3
		Master Rib Roofing	FL-9557-R3

5-17-16
Per Over
SF. 6 line
15187.1
Plaster

1-7-16

Finless covers flange
& finless per Jason

Atrium
Magnolia

5-16

63" x 44"

400 Wx-Slider

Hardie
Union

Cem Plank

13192.1

Residential System Sizing Calculation

Summary

Project Title:
Amelia 1522 Model

Lake City, FL 32024

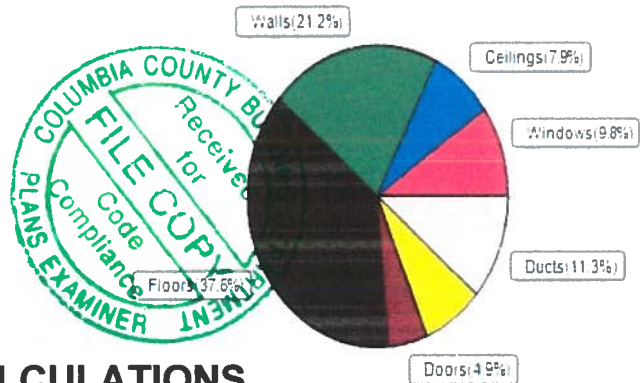
6/20/2019

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	24575 Btuh	Total cooling load calculation	17966 Btuh
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	122.1 30000	Sensible (SHR = 0.85)	166.3 25500
Heat Pump + Auxiliary(0.0kW)	122.1 30000	Latent	171.0 4500
		Total (Electric Heat Pump)	167.0 30000

WINTER CALCULATIONS

Winter Heating Load (for 1522 sqft)

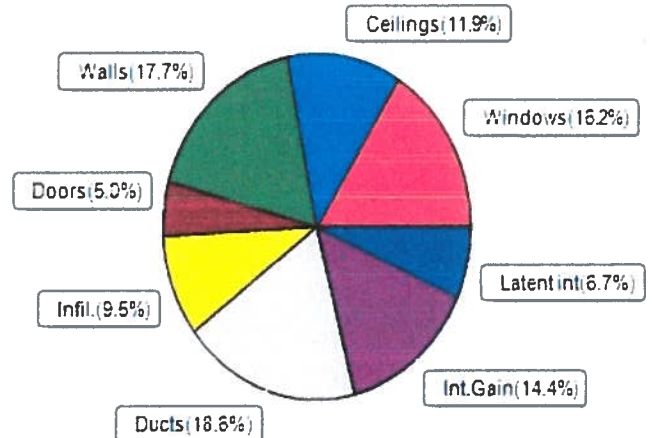
Load component		Load	
Window total	182 sqft	2402 Btuh	
Wall total	1501 sqft	5198 Btuh	
Door total	68 sqft	1203 Btuh	
Ceiling total	1522 sqft	1939 Btuh	
Floor total	1522 sqft	9251 Btuh	
Infiltration	41 cfm	1804 Btuh	
Duct loss		2778 Btuh	
Subtotal		24575 Btuh	
Ventilation	0 cfm	0 Btuh	
TOTAL HEAT LOSS		24575 Btuh	



SUMMER CALCULATIONS

Summer Cooling Load (for 1522 sqft)

Load component		Load	
Window total	182 sqft	2912 Btuh	
Wall total	1501 sqft	3180 Btuh	
Door total	68 sqft	902 Btuh	
Ceiling total	1522 sqft	2133 Btuh	
Floor total		0 Btuh	
Infiltration	31 cfm	643 Btuh	
Internal gain		2580 Btuh	
Duct gain		2984 Btuh	
Sens. Ventilation	0 cfm	0 Btuh	
Blower Load		0 Btuh	
Total sensible gain		15334 Btuh	
Latent gain(ducts)		366 Btuh	
Latent gain(infiltration)		1066 Btuh	
Latent gain(ventilation)		0 Btuh	
Latent gain(internal/occupants/other)		1200 Btuh	
Total latent gain		2632 Btuh	
TOTAL HEAT GAIN		17966 Btuh	



8th Edition

EnergyGauge® System Sizing

PREPARED BY: _____

DATE: _____

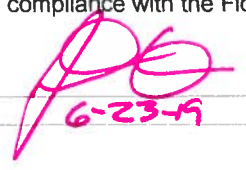
FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION


Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Amelia 1522 Model Street: City, State, Zip: Lake City, FL, 32024 Owner: Design Location: FL, Gainesville	Builder Name: Adam's Construction Permit Office: Permit Number: Jurisdiction: County: Columbia (Florida Climate Zone 2)
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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) 1522 Conditioned floor area below grade (ft²) 0 7. Windows(182.0 sqft.) Description Area a. U-Factor: Dbl, U=0.33 182.00 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: 2.687 ft. Area Weighted Average SHGC: 0.220 8. Floor Types (1522.0 sqft.) Insulation Area a. Slab-On-Grade Edge Insulation R=0.0 1522.00 ft² b. N/A R= ft² c. N/A R= ft²	9. Wall Types(1750.5 sqft.) Insulation Area a. Frame - Wood, Exterior R=13.0 1498.50 ft² b. Frame - Wood, Adjacent R=13.0 252.00 ft² c. N/A R= ft² d. N/A R= ft² 10. Ceiling Types (1522.0 sqft.) Insulation Area a. Under Attic (Vented) R=30.0 1522.00 ft² b. N/A R= ft² c. N/A R= ft² 11. Ducts R ft² a. Sup: Attic, Ret: Attic, AH: Garage 6 304.4 12. Cooling systems kBtu/hr Efficiency a. Central Unit 30.0 SEER:14.00 13. Heating systems kBtu/hr Efficiency a. Electric Heat Pump 30.0 HSPF:8.50 14. Hot water systems Cap: 40 gallons a. Electric EF: 0.920 b. Conservation features None 15. Credits CF, Pstat
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Glass/Floor Area: 0.120	Total Proposed Modified Loads: 48.06 Total Baseline Loads: 50.77	PASS
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I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code. PREPARED BY:  DATE: 6-23-19 I hereby certify that this building, as designed, is in compliance with the Florida Energy Code. OWNER/AGENT: _____ DATE: _____	Review of the plans and specifications covered by this calculation indicates compliance with the Florida Energy Code. Before construction is completed this building will be inspected for compliance with Section 553.908 Florida Statutes. BUILDING OFFICIAL: _____ DATE: _____
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- 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:	Amelia 1522 Model	Bedrooms:	3	Address Type:	Lot Information
Building Type:	User	Conditioned Area:	4798	Lot #	3
Owner Name:		Total Stories:	1	Block/Subdivision:	Amelia Landing
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Adam's 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 97.5 % 2.5 %	Int Design Temp Winter Summer	Heating Degree Days	Design Moisture	Daily Temp Range
_____	FL, Gainesville	FL_GAINESVILLE_REGI	32 92	70 75	1305.5	51	Medium

BLOCKS

Number	Name	Area	Volume
1	Block1	1522	13698

SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	1522	13698	Yes	6	3	1	Yes	Yes	Yes

FLOORS

✓	#	Floor Type	Space	Perimeter	R-Value	Area		Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	196 ft	0	1522 ft²	----	0.33	0.33	0.34

ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt Tested	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	1702 ft²	0 ft²	Medium	N	0.85	No	0.9	No	0	26.6

ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	1522 ft²	N	N

CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
_____	1	Under Attic (Vented)	Main	30	Blown	1522 ft²	0.11	Wood

INPUT SUMMARY CHECKLIST REPORT

WALLS

✓ #	Omt	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	13	31	8	9		285.0 ft²	0.625	0.23	0.75	0
2	E	Exterior	Frame - Wood	Main	13	6		9		54.0 ft²	0.625	0.23	0.75	0
3	N	Exterior	Frame - Wood	Main	13	13	4	9		120.0 ft²	0.625	0.23	0.75	0
4	W	Exterior	Frame - Wood	Main	13	6		9		54.0 ft²	0.625	0.23	0.75	0
5	E	Exterior	Frame - Wood	Main	13	22	10	9		205.5 ft²	0.625	0.23	0.75	0
6	S	Exterior	Frame - Wood	Main	13	5	8	9		51.0 ft²	0.625	0.23	0.75	0
7	E	Exterior	Frame - Wood	Main	13	6	8	9		60.0 ft²	0.625	0.23	0.75	0
8	S	Exterior	Frame - Wood	Main	13	10	4	9		93.0 ft²	0.625	0.23	0.75	0
9	E	Exterior	Frame - Wood	Main	13	7	2	9		64.5 ft²	0.625	0.23	0.75	0
10	S	Exterior	Frame - Wood	Main	13	11	8	9		105.0 ft²	0.625	0.23	0.75	0
11	W	Exterior	Frame - Wood	Main	13	45	2	9		406.5 ft²	0.625	0.23	0.75	0
12	N	Garage	Frame - Wood	Main	13	28		9		252.0 ft²		0.23	0.75	0

DOORS

✓ #	Omt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
1	E	Insulated	Main	None	.46	3		8		24 ft²
2	S	Insulated	Main	None	.46	3		8		24 ft²
3	N	Insulated	Main	None	.4	3		6	8	20 ft²

WINDOWS

Orientation shown is the entered, Proposed orientation.

✓ #	Omt	Wall ID	Frame	Panels	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
1	N	1	Vinyl	Low-E Double	Yes	0.33	0.22	N	72.0 ft²	1 ft 6 in	1 ft 4 in	None	None
2	N	3	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft²	7 ft 6 in	1 ft 4 in	None	None
3	W	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	12.0 ft²	1 ft 6 in	1 ft 4 in	None	None
4	S	8	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None
5	S	10	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None
6	W	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft²	1 ft 6 in	1 ft 4 in	None	None
7	W	11	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	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	420 ft²	420 ft²	59.5 ft	9 ft	1

INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000286	1141.5	62.67	117.85	.1128	5

INPUT SUMMARY CHECKLIST REPORT

HEATING SYSTEM

<input checked="" type="checkbox"/>	#	System Type	Subtype	Efficiency	Capacity	Block	Ducts
<input checked="" type="checkbox"/>	1	Electric Heat Pump/	None	HSPF:8.5	30 kBtu/hr	1	sys#1

COOLING SYSTEM

<input checked="" type="checkbox"/>	#	System Type	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
<input checked="" type="checkbox"/>	1	Central Unit/	None	SEER: 14	30 kBtu/hr	900 cfm	0.85	1	sys#1

HOT WATER SYSTEM

<input checked="" type="checkbox"/>	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
<input checked="" type="checkbox"/>	1	Electric	None	Garage	0.92	40 gal	60 gal	120 deg	None

SOLAR HOT WATER SYSTEM

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

DUCTS

<input checked="" type="checkbox"/>	#	--- Supply --- Location	R-Value	Area	--- Return --- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
<input checked="" type="checkbox"/>	1	Attic	6	304.4 ft	Attic	76.1 ft ²	Prop. Leak Free	Garage	--- cfm	45.7 cfm	0.03	0.50	1	1

TEMPERATURES

Programable Thermostat: Y														Ceiling Fans:											
Cooling	<input type="checkbox"/> Jan	<input type="checkbox"/> Feb	<input type="checkbox"/> Mar	<input type="checkbox"/> Apr	<input type="checkbox"/> May	<input checked="" type="checkbox"/> Jun	<input checked="" type="checkbox"/> Jul	<input checked="" type="checkbox"/> Aug	<input checked="" type="checkbox"/> Sep	<input type="checkbox"/> Oct	<input 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 type="checkbox"/> Oct	<input 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 checked="" 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											

MASS

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