

## Columbia County New Building Permit Application

For Office Use Only

Application #

44219

Date Received

12/19

By

MG

Permit #

9933/3971

Zoning Official

LW/LH

Date

12-20-19

Flood Zone

X

Land Use

Ag

Zoning

PR0

FEMA Map #

Elevation

MFEI above road

River

Plans Examiner

T.C.

Date

12-26-19

Comments

See Computer Notes

☒ NOC☒ EH☒ Deed or PA☒ Site Plan☐ State Road Info☒ Well letter☒ 911 Sheet☐ Parent Parcel #☐ Dev Permit #☐ In Floodway☐ Letter of Auth. from Contractor☐ F W Comp. letter☐ Owner Builder Disclosure Statement☐ Land Owner Affidavit☐ Ellisville Water☒ App Fee Paid☒ Sub VF Form

Septic Permit No

190928

OR City Water

☐

Fax

Applicant (Who will sign/pickup the permit)

LORA DAVID

Phone

365-5671

Address

333 SW ROSEMARY DR LAKE CITY, FL 32024

Owners Name

GLEN &amp; SABRINA COLUNGA

Phone

386-965-0531

911 Address

567 NW HIGH POINT DR, LAKE CITY, FL 32055

Contractors Name

AARON SIMQUE HOMES, INC

Phone

386-867-5395

Address

333 SW ROSEMARY DR. LAKE CITY, FL 32024

Contractor Email AARON@AARONSIMQUE.COM

\*\*\*Include to get updates on this job.

Fee Simple Owner Name &amp; Address

Bonding Co. Name &amp; Address

Disso Engineering 163 SW midtown fl LC 3202

Architect/Engineer Name &amp; Address

RIDGEPOINT DESIGN 818 SW DUVAL ST. LC, FL 32055

Mortgage Lenders Name &amp; Address

First Federal PO Box 2029 LC, FL 32055

Circle the correct power company

☒

FL Power &amp; Light

☐

Clay Elec.

☐

Suwannee Valley Elec.

☐

Duke Energy

Property ID Number

20-3S-16-02202-113

Estimated Construction Cost

260K

Subdivision Name

HIGH POINTE

Lot 13

Block

Unit

Phase

Driving Directions from a Major Road

HWY 90 W TO NW BROWN RD, TURN RIGHT, THEN LEF

ONTO BROOK LOOP, THEN 1ST RIGHT ONTO HIGH POINT DR. PROP AT END OF CUI  
DE SAC ON THE RIGHT

Construction of

SFR

Commercial

OR

X

Residential

Proposed Use/Occupancy

SFR

Number of Existing Dwellings on Property

0

Is the Building Fire Sprinkled?

If Yes, blueprints included

Or Explain

Circle Proposed

☒

Culvert Permit

or

☐

Culvert Waiver

or

☐

D.O.T. Permit

or

☐

Have an Existing Drive

Actual Distance of Structure from Property Lines - Front

70'

Side

52'

Side

51'

Rear

100'

Number of Stories

1

Heated Floor Area

2343

Total Floor Area

4113

Acreage

1.12

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

**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.

GLEN & SABRINA COLUNGA

Print Owners Name

Owners Signature

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

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

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

Contractor's Signature

Contractor's License Number RR282811879  
Columbia County  
Competency Card Number 000713 *Chris/W/E*

Affirmed under penalty of perjury to by the Contractor and subscribed before me this 18 day of Dec 2019.

Personally known ☒ or Produced Identification



State of Florida Notary Signature (For the Contractor)



## STATEMENT OF OBJECTIVES

THE DEVELOPMENT CONTAINS APPROXIMATELY 180.30 ACRES LOCATED ON BROWN ROAD. THE DEVELOPMENT INCLUDES 36 LOTS RANGING IN SIZE FROM APPROXIMATELY .87 ACRES TO 23.96 ACRES.

THE DEVELOPMENT ALLOWS ONLY SINGLE FAMILY HOMES AND APPURTINENT STRUCTURES. THERE WILL BE AN ATTRACTIVELY LANDSCAPED ENTRANCE. THE ROADS WILL BE PUBLICLY OWNED AND MAINTAINED BY THE COUNTY.

THE PROPERTY IS BORDDED ON THE NORTH BY BROWN ROAD, RESIDENTIAL LOT. ON THE EAST BY FAIRFIELD BROOK SUBDIVISION AND FAIRFIELD HILLS. ON THE WEST BY AGRICULTURAL LAND; ON THE SOUTH BY AGRICULTURAL LAND. THE EXISTING LAND USE DESIGNATION OF THE PROPERTY IS PLANNED RURAL RESIDENTIAL DEVELOPMENT (PRRD).

- 1) LAND USE: RESIDENTIAL SINGLE FAMILY WITH ONE RESIDENCE PER LOT.
- 2) BUILDING SETBACKS: BUILDING SETBACKS SHALL BE AS FOLLOWS:
  - a. FRONT YARD SETBACKS - 25 FEET
  - b. SIDE YARD SETBACKS - 30 FEET
- 3) MAXIMUM HEIGHT OF BUILDINGS: THE MAXIMUM HEIGHT OF BUILDINGS MEASURED FROM THE FINISHED GRADE OF THE BUILDING TO THE VERTICAL DISTANCE OF THE ROOF SURFACE OF THE BUILDING SHALL BE 12 FEET. THE MAXIMUM HEIGHT OF BUILDINGS MEASURED FROM THE HIGHEST POINT OF THE ROOF SURFACE OF A FLAT ROOF TO THE DECK LINE OF A MANSARD OR BERRARDI ROOF, TO THE TOP OF THE ROOF OF A GABLE ROOF, TO THE RIDGE OF A GAMBREL ROOF, TO THE CROWN OF A DOME ROOF, AND TO THE HIGHEST POINT OF A CONE, SHALL BE 12 FEET. THE MAXIMUM HEIGHT OF BUILDINGS SHALL BE MEASURED FROM THE DISTANCE FROM THE GROUND TO THE APPEL OF A FRAME AND DOME ROOF.
- 4) DRIVEWAY: THE ONLY DRIVEWAY PERMITTED INVOLVED IN THE DEVELOPMENT SHALL BE A DRIVEWAY FROM THE DRIVEWAY FROM THE LOCAL ACCESS STREET TO BRADY ROAD IN U.S. HIGHWAY NO. 90.

5) COMMON OUTSIDE STORAGE AREA: THERE WILL BE NO PROVISION MADE FOR COMMON OUTSIDE STORAGE AREAS. EACH LOT IS LARGE ENOUGH THAT THE OWNER CAN PROVIDE HIS OR HER OWN STORAGE AREA.

b) SCREENING, BUFFERING AND LANDSCAPING: SCREENING, BUFFERING AND LANDSCAPE BUFFERED AREAS SHALL BE IN COMPLIANCE WITH CHAPTER 20-A, COLUMBIA COUNTY ZONING REGULATIONS, OR SUCH REGULATIONS IN EFFECT AT THE TIME EACH HOME IS BUILT, WHICHEVER IS LESS RESTRICTIVE.

STATEMENT CONCERNING PROPOSED FLOOR AREA RATIOS  
THE MAXIMUM FLOOR AREA SHALL NOT EXCEED 20% AND THE MAXIMUM BUILDING  
COVERAGE SHALL NOT EXCEED 40% OF THE TOTAL DEVELOPED AREA OF EACH

## UTILITY SERVICE PLAN

THIS AREA IS NOT SERVED BY A PUBLIC WATER OR SEWER SYSTEM. EACH LOT WILL RECEIVE WATER FROM ITS' OWN PRIVATE WELL AND EACH RESIDENCE WILL HAVE ITS' OWN SEPTIC TANK.

BELL SOUTH/ AT&T AND FLORIDA POWER AND LIGHT COMPANY WILL BE GRANTED EASEMENTS WITHIN THE PROJECT SITE TO CONSTRUCT UTILITY FACILITIES, THESE TO BE DETERMINED PRIOR TO FINAL PRRD.

## LAND USE

TOTAL LOT ACREAGE ( RESIDENTIAL ) -172.43 ± ACRES  
TOTAL ROAD RIGHT-OF-WAY ACREAGE -7.67 ± ACRES  
TOTAL ACREAGE - 180.10± ACRES

## BRIEF NOTE

**OWNER NOTE**  
A BUFFER ZONE OF 200 FEET HAS BEEN ESTABLISHED ALONG A PORTION OF THE SUBDIVISION BOUNDARY (AFFECTING LOTS 1-12, 17-23 AND 34) IN WHICH NO BUILDING CAN BE PLACED OR CONSTRUCTED

## NOTICE:

THIS PLAT, AS RECORDED IN ITS GRAPHIC FORM IS THE OFFICIAL DEPICTION OF THE SUBDIVIDED LANDS DESCRIBED HEREIN AND WILL IN NO CIRCUMSTANCES BE SUPPLANTED IN AUTHORITY BY ANY OTHER GRAPHIC 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.

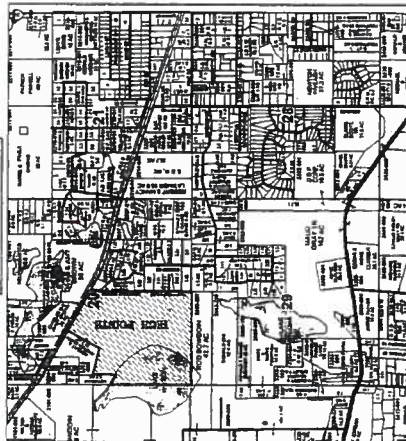
**NOTICE:**

ALL PLATTED UTILITY EASEMENTS SHALL PROVIDE THAT SUCH EASEMENTS SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE AND OPERATION OF CABLE TELEVISION SERVICES PROVIDED. HOWEVER, NO SUCH CONSTRUCTION, INSTALLATION, MAINTENANCE AND OPERATION OF CABLE TELEVISION SERVICES SHALL INTERFERE WITH THE FACILITIES AND SERVICES OF ELECTRIC, TELEPHONE, GAS OR OTHER PUBLIC UTILITY. IN THE EVENT THAT A CABLE TELEVISION CONSTRUCTION, INSTALLATION, MAINTENANCE OR PUBLIC UTILITY IT SHALL BE SOLELY RESPONSIBLE FOR THE DAMAGES.

LEGEND AND NOTES:

- ☐ DENOTES P.R.M. ( PERMANENT REFERENCE MONUMENT) SET.  
 4"x4"x24" CONCRETE MONUMENT, STAMPED L.B. # 7170  
☒ DENOTES P.R.M. ( PERMANENT REFERENCE MONUMENT) FOUND.  
 4"x4" CONCRETE MONUMENT, R.L.S. # 2245  
☒ DENOTES P.C.P. ( PERMANENT CONTROL POINT) SET.

- 1) BEARINGS ARE BASED ON THE SOUTHWEST CORNER OF SECTION 20. (N89°26'44" W)
- 2) FOR SECTION BREAKDOWN, SEE FILE THIS OFFICE.
- 3) 5/6'S, 20" REDDIE (WITH CAP STAMPED L.B. # 7170) SET ON ALL LOT CORNERS EXCEPT AS SHOWN.
- 4) 5/6'S, 20" REDDIE (WITH CAP STAMPED L.B. # 7170) SET AT INTERSECTION OF ALL LOT LINES AND SURVEYED BUFFER LINES.
- 5) THE PROPERTY AS SURVEYED FALLS WITHIN ZONES "A" AND "X" AS PER THE FLOOD INSURANCE RATE MAP OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) DATED 11-12-81 AND 11-12-81. ZONE "A" AFFECTS LOTS 8, 9, 10, 11, 12 AND 15-21.

VICINITY MAP  
NOT TO SCALE

## ABBREVIATIONS

[illegible]

**SURVEYOR:**  
TIMOTHY B. ALORN  
J. SHERMAN FRIER & ASSOCIATES, INC.  
130 WEST HOWARD STREET  
LIVE OAK, FLORIDA 32064  
(386) 362-4629  
REG. NO. 6712

CURVE	DETA ANGLE	RADIUS	ARC LENGTH	TANGENT	CHORD BEARING	CHORD LENGTH
C-1	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-2	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-3	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-4	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-5	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-6	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-7	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-8	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-9	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-10	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-11	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-12	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-13	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-14	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-15	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-16	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-17	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-18	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-19	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-20	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-21	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-22	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-23	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-24	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-25	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-26	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-27	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-28	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-29	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-30	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-31	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-32	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-33	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-34	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-35	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-36	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-37	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-38	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-39	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-40	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-41	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-42	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-43	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-44	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-45	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-46	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-47	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-48	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-49	74.11°	820.00	10.14	118.14	2° 58' 17"	844.11
C-50	74.11°	820.00	10.14	58.14	2° 58' 17"	844.11
C-						

### LINE TABLE

LANE	LEADING	TRAILING	DISTANCE
L1	N 07°20' 00" W	171.90'	
L2	N 43°14' 33" E	43.03'	
L3	N 09°28' 00" W	148.24'	
L4	S 15°56' 33" E	58.07'	
L5	N 29°43' 37" E	42.43'	
L6	N 74°25' 37" E	93.00'	
L7	S 44°33' 37" E	42.90'	
L8	N 64°07' 07" E	41.84'	
L9	S 68°28' 00" E	140.14'	
L10	N 44°43' 07" E	41.83'	
L11	S 44°18' 00" E	42.90'	
L12	N 01°03' 30" E	84.57'	
L13	S 01°03' 30" E	84.57'	
L14	N 01°03' 30" E	84.57'	
L15	S 01°03' 30" E	84.57'	
L16	N 01°03' 30" E	84.57'	
L17	S 01°03' 30" E	84.57'	
L18	N 01°03' 30" E	84.57'	
L19	S 01°03' 30" E	84.57'	
L20	N 01°03' 30" E	84.57'	
L21	S 01°03' 30" E	84.57'	
L22	N 01°03' 30" E	84.57'	
L23	S 01°03' 30" E	84.57'	
L24	N 01°03' 30" E	84.57'	
L25	S 01°03' 30" E	84.57'	
L26	N 01°03' 30" E	84.57'	
L27	S 01°03' 30" E	84.57'	
L28	N 01°03' 30" E	84.57'	
L29	S 01°03' 30" E	84.57'	
L30	N 01°03' 30" E	84.57'	
L31	S 01°03' 30" E	84.57'	
L32	N 01°03' 30" E	84.57'	
L33	S 01°03' 30" E	84.57'	
L34	N 01°03' 30" E	84.57'	
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L36	N 01°03' 30" E	84.57'	
L37	S 01°03' 30" E	84.57'	
L38	N 01°03' 30" E	84.57'	
L39	S 01°03' 30" E	84.57'	
L40	N 01°03' 30" E	84.57'	
L41	S 01°03' 30" E	84.57'	
L42	N 01°03' 30" E	84.57'	
L43	S 01°03' 30" E	84.57'	
L44	N 01°03' 30" E	84.57'	
L45	S 01°03' 30" E	84.57'	
L46	N 01°03' 30" E	84.57'	
L47	S 01°03' 30" E	84.57'	
L48	N 01°03' 30" E	84.57'	
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L56	N 01°03' 30" E	84.57'	
L57	S 01°03' 30" E	84.57'	
L58	N 01°03' 30" E	84.57'	
L59	S 01°03' 30" E	84.57'	
L60	N 01°03' 30" E	84.57'	
L61	S 01°03' 30" E	84.57'	
L62	N 01°03' 30" E	84.57'	
L63	S 01°03' 30" E	84.57'	
L64	N 01°03' 30" E	84.57'	
L65	S 01°03' 30" E	84.57'	
L66	N 01°03' 30" E	84.57'	
L67	S 01°03' 30" E	84.57'	
L68	N 01°03' 30" E	84.57'	
L69	S 01°03' 30" E	84.57'	
L70	N 01°03' 30" E	84.57'	
L71	S 01°03' 30" E	84.57'	
L72	N 01°03' 30" E	84.57'	
L73	S 01°03' 30" E	84.57'	
L74	N 01°03' 30" E	84.57'	
L75	S 01°03' 30" E	84.57'	
L76	N 01°03' 30" E	84.57'	
L77	S 01°03' 30" E	84.57'	
L78	N 01°03' 30" E	84.57'	
L79	S 01°03' 30" E	84.57'	
L80	N 01°03' 30" E	84.57'	
L81	S 01°03' 30" E	84.57'	
L82	N 01°03' 30" E	84.57'	
L83	S 01°03' 30" E	84.57'	
L84	N 01°03' 30" E	84.57'	
L85	S 01°03' 30" E	84.57'	
L86	N 01°03' 30" E	84.57'	
L87	S 01°03' 30" E	84.57'	
L88	N 01°03' 30" E	84.57'	
L89	S 01°03' 30" E	84.57'	
L90	N 01°03' 30" E	84.57'	
L91	S 01°03' 30" E	84.57'	
L92	N 01°03' 30" E	84.57'	
L93	S 01°03' 30" E	84.57'	
L94	N 01°03' 30" E	84.57'	
L95	S 01°03' 30" E	84.57'	
L96	N 01°03' 30" E	84.57'	
L97	S 01°03' 30" E	84.57'	
L98	N 01°03' 30" E	84.57'	
L99	S 01°03' 30" E	84.57'	
L100	N 01°03' 30" E	84.57'	

SCALE: 1" = 200'	DATE SURVEYED: 02-05-07	DATE DRAWN: 03-07-07
REVISED:	APPROVED BY:	DRAWN BY: SH

**HERMAN FRIER & ASSOCIATES, INC.**  
**LAND SURVEYORS**  
CERTIFICATE OF AUTHORIZATION - LB# 7170  
30 W. HOWARD ST. / P.O. BOX 508 LIVE OAK, FL 32064  
PHONE: 386-363-4628 - FAX: 386-362-5270



FAIRFIELD BROOK SUBDIVISION  
PLAY BOOK 4, PAGE 109

FAIRFIELD HILLS  
PLAY BOOK 4, PAGE 107 & 107A

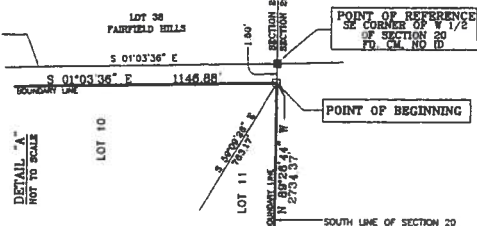


EAST 1/2 OF SECTION 19

WEST 1/2 OF SECTION 29

PLANNED RURAL  
RESIDENTIAL DEVELOPMENT  
HIGH POINTE

SECTION 20  
TOWNSHIP 03 SOUTH, RANGE 16 EAST  
COLUMBIA COUNTY, FLORIDA.



SURVEYOR:  
J. SHERMAN FRIER & ASSOCIATES, INC.  
150 WEST HOWARD STREET  
LIVE OAK, FLORIDA 32064  
COUNTY RECORDING  
BOOK NO. 6323

DATE SURVEYED: 02-06-07	DATE DRAWN: 03-07-07
APPROVED BY: [Signature]	DRAWN BY: SH
J. SHERMAN FRIER & ASSOCIATES, INC. LAND SURVEYORS CERTIFICATE OF AUTHORIZATION - LB# 7170 130 W HOWARD ST. / P O BOX 580 LIVE OAK, FL 32064 PHONE: 386-342-4829 - FAX: 386-342-6270	

UTILITY EASEMENT DETAIL:



DENOTES 20' EASEMENT AS SHOWN. EASEMENTS SHOWN HEREON FOR UTILITIES SHALL ALSO BE EASEMENTS FOR THE CONSTRUCTION, INSTALLATION, MAINTENANCE AND OPERATION OF CABLE TELEVISION SERVICES.



Prepared by:  
Michael H. Harrell  
Abstract Trust Title, LLC  
283 NW Coke Ter  
Lake City, FL 32055

ATT# 4-9192

## Warranty Deed

Individual to Individual

THIS WARRANTY DEED made the 8 day of November, 2019, by Evelyn F. Cohen A/K/A Evelyn I. Cohen, A Single Person, hereinafter called the grantor, to Glenn G. Colunga and His Wife, Sabrina D. Colunga whose post office address is: 147 SW Lotus Glen, Lake City, FL 32024 hereinafter called the grantee:

(Wherever used herein the terms "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 corporation)

Witnesseth: That the grantor, for and in consideration of the sum of \$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:

**Lot 13, High Pointe, according to the map or plat thereof, as recorded in PRRD Book 1, Page(s) 28 through 31, of the Public Records of Columbia County, Florida.**

TOGETHER with all 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 the prior year.

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:

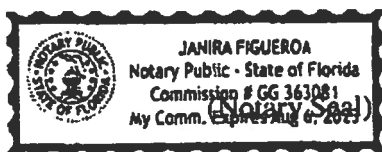
Asia Colon  
Witness:  
Asia Colon  
Printed Name:

Evelyn F. Cohen A/K/A Evelyn I. Cohen  
Evelyn F. Cohen A/K/A Evelyn I. Cohen

Elizabeth Vazquez  
Witness:  
Elizabeth Vazquez  
Printed Name:

STATE OF Florida  
COUNTY OF Seminole

The foregoing instrument was acknowledged before me this 8 day of November, 2019 by EVELYN F. COHEN A/K/A EVELYN I. COHEN, A SINGLE PERSON personally known to me or, if not personally known to me, who produced Driver License for identification and who did not take an oath.



Janira Figueroa  
Notary Public

Printed: Fri Dec 20 2019 15:45:59 GMT-0500 (Eastern Standard Time)

## 2018 Flood Zones

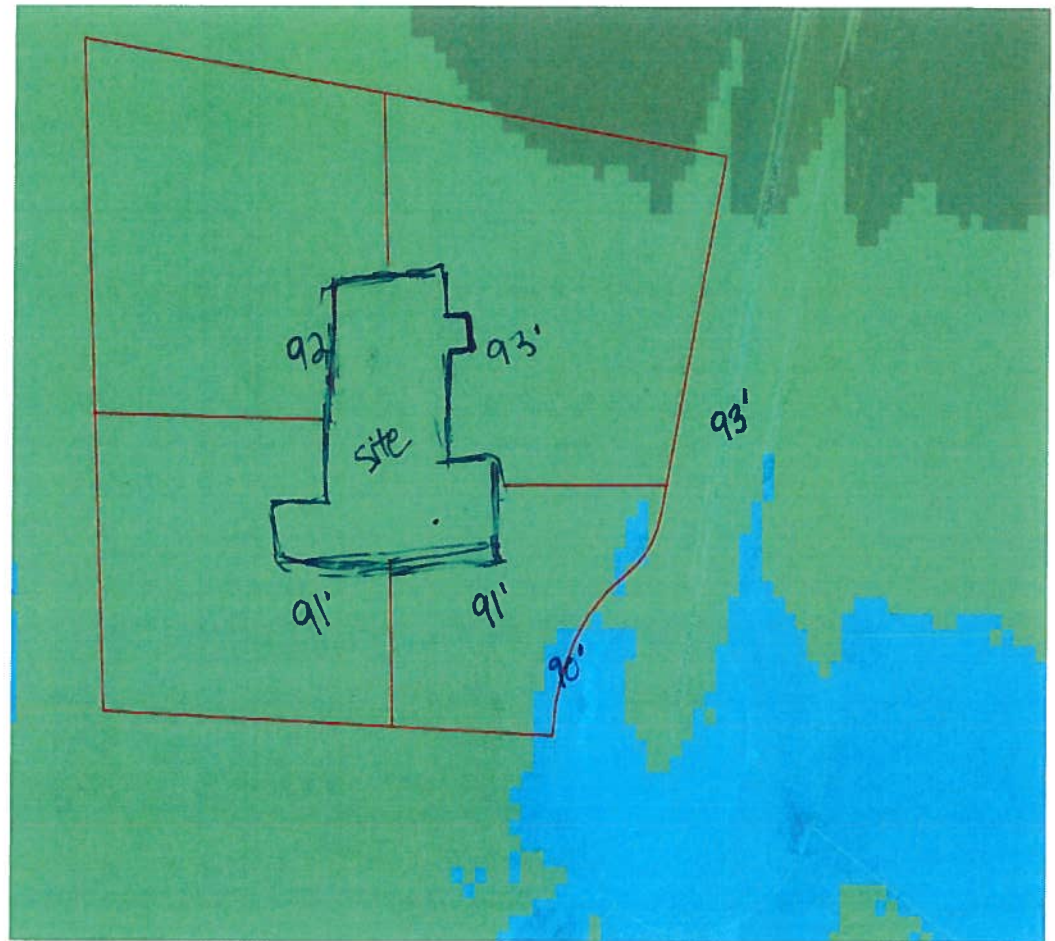
0.2 PCT ANNUAL CHANGE



**AE**

■ AH

LidarElevations



## Parcel Information

Parcel No: 20-3S-16-02202-113

Owner: COHEN EVELYN I

Subdivision: HIGH POINTE

Lot: 13

Acres: 1.11925256

Deed Acres: 1.12 Ac

District: District 3 Bucky Nash

Future Land Uses: Agriculture - 3

**Flood Zones:**

Official Zoning Atlas: PRD

2018Aerials

## Roads

## Roads

others

 Dirt

**Interstate**

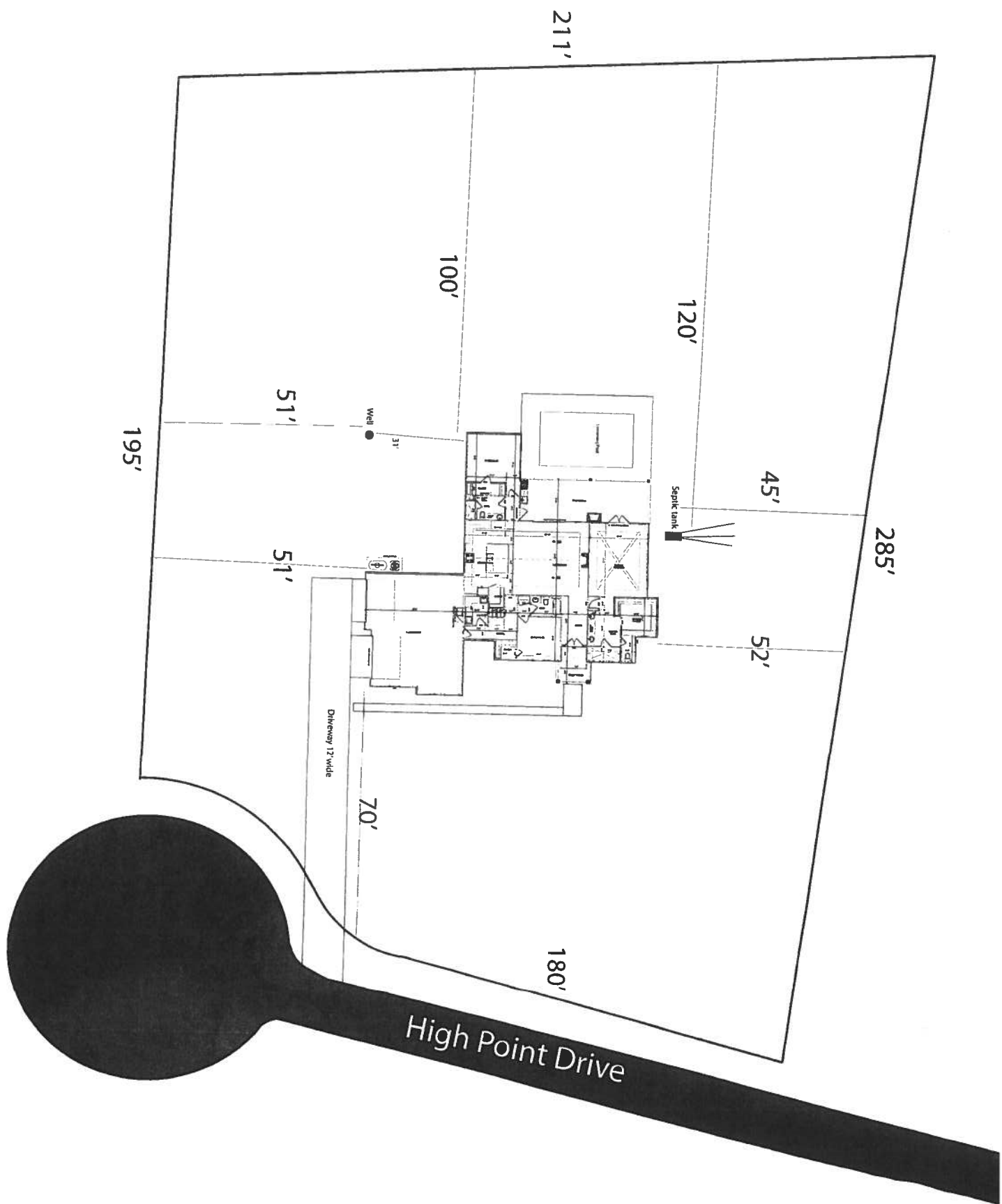
 Main

Other

Paved

Private

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:  
Michael H. Harrell  
Abstract Trust Title, LLC  
283 NW Cole Ter  
Lake City, FL 32055

ATT 4-9192A

#### 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: Lot 13, High Pointe, according to the map or plat thereof, as recorded in PRRD Book 1, Page(s) 28 through 31, of the Public Records of Columbia County, Florida.
2. General Description of Improvement: Construction of Dwelling
3. Owner Information:
  - a. Name and Address: Glenn G. Colunga and His Wife, Sabrina D. Colunga, 147 SW Lotus Glen, Lake City, FL 32024
  - 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): Aaron Simque Homes Inc., at 333 SW Rosemary Dr., Lake City, FL 32024
5. Surety:
  - a. Name and Address: N/A
  - b. Amount of Bond: N/A
6. LENDER: First Federal Bank  
PO Box 2029  
Lake City, FL 32055
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 First Federal Bank at PO Box 2029, Lake City, FL 32055, 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).

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:

  
WITNESS Weidus E. Shouse

  
WITNESS Michael H. Harrell

  
Glenn G. Colunga

  
Sabrina D. Colunga

STATE OF FLORIDA  
COUNTY OF COLUMBIA

Before me, personally appeared Glenn G. Colunga and His Wife, Sabrina D. Colunga, 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 16<sup>th</sup> day of December, 2019.

(SEAL)




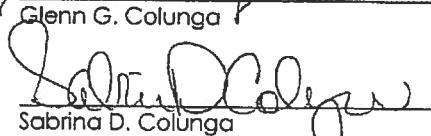
Michael H. Harrell  
NOTARY PUBLIC  
STATE OF FLORIDA  
Comm# GG095249  
Expires 4/18/2021

  
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.

  
Glenn G. Colunga  
  
Sabrina D. Colunga

## Columbia County Property Appraiser

Jeff Hampton

2020 Working Values

updated: 11/27/2019

Parcel: &lt;&lt; 20-3S-16-02202-113 &gt;&gt;

## Owner &amp; Property Info

Result: 1 of 1

Owner	COHEN EVELYN I 2862 SNOWY OWL CT LAKE MARY, FL 32746		
Site			
Description*	LOT 13 HIGH POINTE S/D WD 1128-451, CORR WD 1143-439, LIFE EST 1213-2305		
Area	1.12 AC	S/T/R	20-3S-16
Use Code**	VACANT (000000)	Tax District	3

\*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

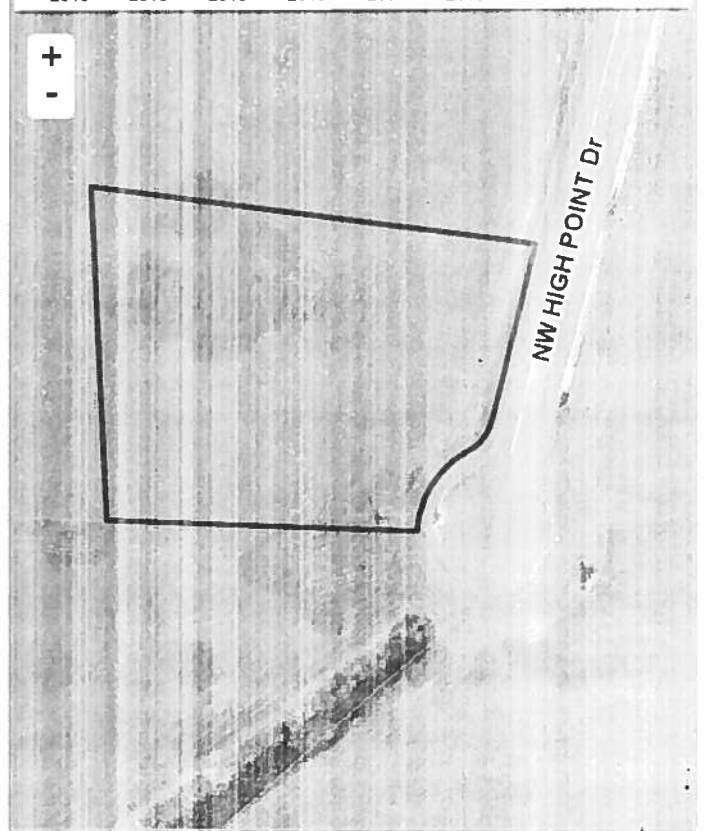
\*\*The Use Code is a FL Dept. of Revenue (DOR) code and is not maintained by the Property Appraiser's office. Please contact your city or county Planning & Zoning office for specific zoning information.

## Property &amp; Assessment Values

2019 Certified Values		2020 Working Values	
Mkt Land (1)	\$25,500	Mkt Land (1)	\$25,500
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (0)	\$0	Building (0)	\$0
XFOB (0)	\$0	XFOB (0)	\$0
Just	\$25,500	Just	\$25,500
Class	\$0	Class	\$0
Appraised	\$25,500	Appraised	\$25,500
SOH Cap [?]	\$0	SOH Cap [?]	\$0
Assessed	\$25,500	Assessed	\$25,500
Exempt	\$0	Exempt	\$0
Total	county:\$25,500	Total	county:\$25,500
Taxable	city:\$25,500	Taxable	city:\$25,500
	other:\$25,500		other:\$25,500
	school:\$25,500		school:\$25,500

Aerial Viewer    Pictometry    Google Maps

2019    2016    2013    2010    2007    2005    Sales



## Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Quality (Codes)	RCode
4/20/2011	\$100	1213/2305	QC	V	U	11
8/13/2007	\$69,900	1128/0451	WD	V	U	09

## Building Characteristics

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

## Extra Features &amp; 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 - (1.120 AC)	1.00/1.00 1.00/0.85	\$25,500	\$25,500

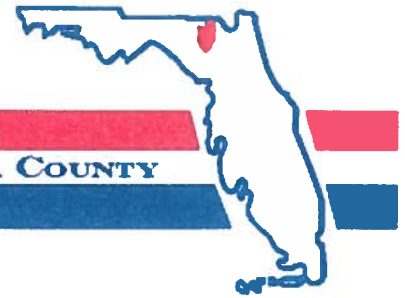
Search Result 1 of 1

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

by: GoogleEarth.com



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



**BOARD OF COUNTY COMMISSIONERS • COLUMBIA COUNTY**

**Address Assignment and Maintenance Document**

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

---

Date/Time Issued: **12/4/2019 8:41:18 PM**  
Address: **567 NW HIGH POINT Dr**  
City: **LAKE CITY**  
State: **FL**  
Zip Code **32055**

---

Parcel ID **02202-113**

---

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](mailto:gis@columbiacountyfla.com)**

# WaterBoy Well Repair & Drilling

---

19288 127th Dr.  
O Brien, Fl. 32071  
(386)330-6099  
[Waterboywellrepair@yahoo.com](mailto:Waterboywellrepair@yahoo.com)

January 9, 2020

To Whom It May Concern,

We plan to install a 4" well located at 567 NW High Point Dr Lake City, FL, 32055 . Well to include: 1hp submersible Pump, 1 1/2" drop pipe, 81 gallon bladder tank and backflow prevention. SRWMD permit and completion report ~~once~~ available.

Sincerely,

A handwritten signature in black ink, appearing to read 'William Shuler', with a stylized, cursive script.

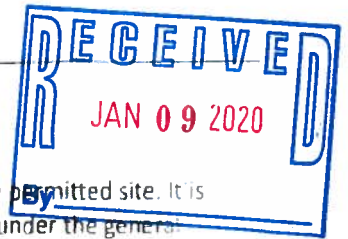
William Shuler-License #5002

44219

## SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # \_\_\_\_\_ JOB NAME \_\_\_\_\_

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 submitted 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.

<b>ELECTRICAL</b> <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
<b>MECHANICAL/A/C</b> <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
<b>PLUMBING/GAS</b> <input checked="" type="checkbox"/>	Print Name <u>Roger Whiddon</u> Signature <u>Kenneth Hines</u> Company Name: <u>Lake City Plumbing</u> CC# <u>759</u> License #: <u>CFC 1428686</u> Phone #: <u>386-867-6755</u>	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
<b>ROOFING</b> <input type="checkbox"/>	Print Name <u>Ralph Laversdye</u> Signature <u>Ralph Laversdye</u> Company Name: <u>RWL Roofing LLC</u> CC# <u>813</u> License #: <u>1328590</u> Phone #: _____	Need <input type="checkbox"/> Lic <input type="checkbox"/> Lab <input type="checkbox"/> W/C <input type="checkbox"/> EX <input type="checkbox"/> DE
<b>SHEET METAL</b> <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
<b>FIRE SYSTEM/SPRINKLER</b> <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
<b>SOLAR</b> <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
<b>STATE SPECIALTY</b> <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



### SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT #

**JOB NAME**

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

ELECTRICAL		Print Name	Signature	Need
CC# 811	<input checked="" type="checkbox"/>	Ryan Beville		Uc Uab w/c EX DE
		Company Name: RBT Electrical Contracting		
		License #: ECI3004236	Phone #: 386 339 0360	
MECHANICAL/A/C		Print Name	Signature	Need
CC# 1317	<input type="checkbox"/>	Bryan Bounds		Uc Uab w/c EX DE
		Company Name: Bounds Heating & Cooling		
		License #: CAC1815118	Phone #: 352-472-2761	
PLUMBING/GAS		Print Name	Signature	Need
CC# 623	<input type="checkbox"/>	MARK GANSKOP		Uc Uab w/c EX DE
		Company Name: Express Plumbing		
		License #: CFC1428040	Phone #: 386-867-0269	
ROOFING		Print Name	Signature	Need
CC# 1129	<input checked="" type="checkbox"/>	Dana Johnson		Uc Uab w/c EX DE
		Company Name: MAC Johnson Roofing		
		License #: CCC1325497	Phone #:	
SHEET METAL		Print Name	Signature	Need
CC#	<input type="checkbox"/>			Uc Uab w/c EX DE
		Company Name:		
		License #:	Phone #:	
FIRE SYSTEM/SPRINKLER		Print Name	Signature	Need
CC#	<input type="checkbox"/>			Uc Uab w/c EX DE
		Company Name:		
		License #:	Phone #:	
SOLAR		Print Name	Signature	Need
CC#	<input type="checkbox"/>			Uc Uab w/c EX DE
		Company Name:		
		License #:	Phone #:	
STATE SPECIALTY		Print Name	Signature	Need
CC#	<input type="checkbox"/>			Uc Uab w/c EX DE
		Company Name:		
		License #:	Phone #:	

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

# SUBCONTRACTOR VERIFICATION

APPLICATION/PERMIT # \_\_\_\_\_

JOB NAME \_\_\_\_\_

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

<b>ELECTRICAL</b> <input type="checkbox"/>	Print Name _____ Signature _____ Company Name: _____ CC# _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE
<b>MECHANICAL/AC</b> <input checked="" type="checkbox"/> <b>1-920</b> CC# <b>2090</b>	Print Name <b>Steve Brisbois</b> Signature <b>[Signature]</b> Company Name: <b>EPIC AC Service</b> License #: <b>CAC 1819412</b> Phone #: <b>386-688-7107</b>	Need Lic Liab W/C EX DE
<b>PLUMBING/GAS</b> <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE
<b>ROOFING</b> <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE
<b>SHEET METAL</b> <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE
<b>FIRE SYSTEM/SPRINKLER</b> <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE
<b>SOLAR</b> <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE
<b>STATE SPECIALTY</b> <input type="checkbox"/> CC# _____	Print Name _____ Signature _____ Company Name: _____ License #: _____ Phone #: _____	Need Lic Liab W/C EX DE

# Residential System Sizing Calculation

## Summary

Project Title:  
Colunga Residence

, FL

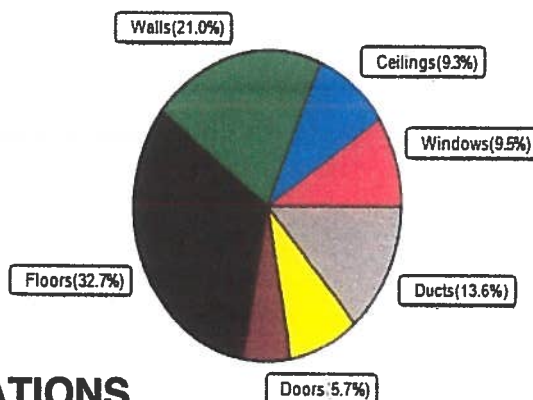
12/10/2019

Location for weather data: Gainesville, FL - Defaults: Latitude(29.7) Altitude(152 ft.) Temp Range(M)			
Humidity data: Interior RH (50%) Outdoor wet bulb (77F) Humidity difference(51gr.)			
Winter design temperature(TMY3 99%)	30 F	Summer design temperature(TMY3 99%)	94 F
Winter setpoint	70 F	Summer setpoint	75 F
Winter temperature difference	40 F	Summer temperature difference	19 F
<b>Total heating load calculation</b>	<b>37037 Btuh</b>	<b>Total cooling load calculation</b>	<b>28447 Btuh</b>
Submitted heating capacity	% of calc Btuh	Submitted cooling capacity	% of calc Btuh
Total (Electric Heat Pump)	113.4 42000	Sensible (SHR = 0.85)	146.6 35700
Heat Pump + Auxiliary(0.0kW)	113.4 42000	Latent	153.8 6300
		<b>Total (Electric Heat Pump)</b>	<b>147.6 42000</b>

## WINTER CALCULATIONS

Winter Heating Load (for 2695 sqft)

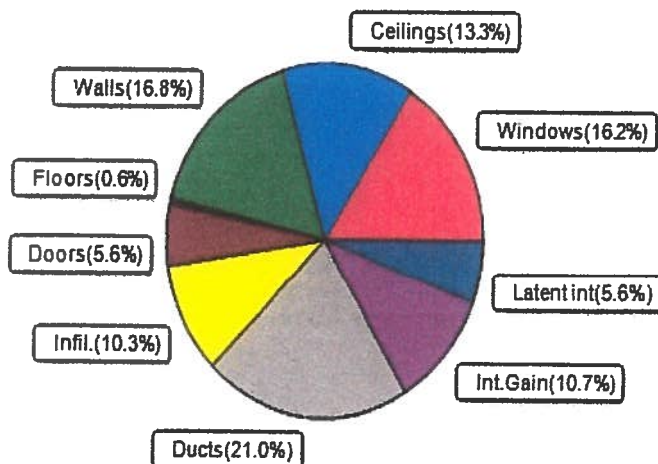
Load component	Load
Window total 266 sqft	3505 Btuh
Wall total 2252 sqft	7767 Btuh
Door total 132 sqft	2112 Btuh
Ceiling total 2695 sqft	3433 Btuh
Floor total See detail report	12116 Btuh
Infiltration 70 cfm	3084 Btuh
Duct loss	5020 Btuh
<b>Subtotal</b>	<b>37037 Btuh</b>
Ventilation 0 cfm	0 Btuh
<b>TOTAL HEAT LOSS</b>	<b>37037 Btuh</b>



## SUMMER CALCULATIONS

Summer Cooling Load (for 2695 sqft)

Load component	Load
Window total 266 sqft	4601 Btuh
Wall total 2252 sqft	4781 Btuh
Door total 132 sqft	1584 Btuh
Ceiling total 2695 sqft	3776 Btuh
Floor total	177 Btuh
Infiltration 53 cfm	1099 Btuh
Internal gain	3040 Btuh
Duct gain	5292 Btuh
Sens. Ventilation 0 cfm	0 Btuh
Blower Load	0 Btuh
<b>Total sensible gain</b>	<b>24350 Btuh</b>
Latent gain(ducts)	674 Btuh
Latent gain(infiltration)	1823 Btuh
Latent gain(ventilation)	0 Btuh
Latent gain(internal/occupants/other)	1600 Btuh
<b>Total latent gain</b>	<b>4097 Btuh</b>
<b>TOTAL HEAT GAIN</b>	<b>28447 Btuh</b>



8th Edition

EnergyGauge® System Sizing

PREPARED BY: \_\_\_\_\_

DATE: \_\_\_\_\_

12-10-19



# System Sizing Calculations - Summer

## Residential Load - Whole House Component Details

Project Title:  
Colunga Residence

, FL

12/10/2019

Reference City: Gainesville, FL

Temperature Difference: 19.0F(TMY3 99%)

Humidity difference: 51gr.

### Component Loads for Whole House

Window	Type*					Overhang		Window Area(sqft)			HTM		Load	
	Panes	SHGC	U	InSh	IS Omt	Len	Hgt	Gross	Shaded	Unshaded	Shaded	Unshaded		
1	2 NFRC	0.22, 0.33	No	No	E	1.5ft	1.3ft	36.0	0.0	36.0	11	27	989	Btuh
2	2 NFRC	0.22, 0.33	No	No	N	13.5f	1.3ft	96.0	0.0	96.0	11	11	1046	Btuh
3	2 NFRC	0.22, 0.33	No	No	E	1.5ft	1.3ft	30.0	0.0	30.0	11	27	824	Btuh
4	2 NFRC	0.22, 0.33	No	No	E	1.5ft	1.3ft	12.5	0.0	12.5	11	27	343	Btuh
5	2 NFRC	0.22, 0.33	No	No	E	1.5ft	1.3ft	8.0	0.0	8.0	11	27	220	Btuh
6	2 NFRC	0.22, 0.33	No	No	S	1.5ft	1.3ft	16.0	16.0	0.0	11	13	174	Btuh
7	2 NFRC	0.22, 0.33	No	No	S	1.5ft	1.3ft	18.0	18.0	0.0	11	13	196	Btuh
8	2 NFRC	0.22, 0.33	No	No	S	1.5ft	1.3ft	18.0	18.0	0.0	11	13	196	Btuh
9	2 NFRC	0.22, 0.33	No	No	S	1.5ft	1.3ft	10.0	10.0	0.0	11	13	109	Btuh
10	2 NFRC	0.22, 0.33	No	No	W	1.5ft	1.3ft	12.0	0.0	12.0	11	27	330	Btuh
11	2 NFRC	0.22, 0.33	No	No	W	1.5ft	1.3ft	4.5	0.0	4.5	11	27	124	Btuh
12	2 NFRC	0.22, 0.33	No	No	S	1.5ft	1.3ft	4.5	4.5	0.0	11	13	49	Btuh
Window Total								266 (sqft)					4601 Btuh	
Walls	Type	U-Value		R-Value		Area(sqft)			HTM		Load			
					Cav/Sheath									
1	Frame - Wood - Ext		0.09		13.0/0.6			138.0		2.2		303	Btuh	
2	Frame - Wood - Ext		0.09		13.0/0.6			182.0		2.2		356	Btuh	
3	Frame - Wood - Ext		0.09		13.0/0.6			181.5		2.2		399	Btuh	
4	Frame - Wood - Ext		0.09		13.0/0.6			153.0		2.2		336	Btuh	
5	Frame - Wood - Ext		0.09		13.0/0.6			27.0		2.2		59	Btuh	
6	Frame - Wood - Ext		0.09		13.0/0.6			86.5		2.2		190	Btuh	
7	Frame - Wood - Ext		0.09		13.0/0.6			27.0		2.2		59	Btuh	
8	Frame - Wood - Ext		0.09		13.0/0.6			58.0		2.2		128	Btuh	
9	Frame - Wood - Ext		0.09		13.0/0.6			107.0		2.2		235	Btuh	
10	Frame - Wood - Ext		0.09		13.0/0.6			39.0		2.2		86	Btuh	
11	Frame - Wood - Ext		0.09		13.0/0.6			31.7		2.2		70	Btuh	
12	Frame - Wood - Ext		0.09		13.0/0.6			39.0		2.2		86	Btuh	
13	Frame - Wood - Ext		0.09		13.0/0.6			132.0		2.2		290	Btuh	
14	Frame - Wood - Ext		0.09		13.0/0.6			48.0		2.2		106	Btuh	
15	Frame - Wood - Ext		0.09		13.0/0.6			68.0		2.2		149	Btuh	
16	Frame - Wood - Ext		0.09		13.0/0.6			319.0		2.2		701	Btuh	
17	Frame - Wood - Adj		0.09		13.0/0.6			144.0		1.6		236	Btuh	
18	Frame - Wood - Ext		0.09		13.0/0.6			88.0		2.2		193	Btuh	
19	Frame - Wood - Adj		0.09		13.0/0.6			160.0		1.6		262	Btuh	
20	Frame - Wood - Ext		0.09		13.0/0.6			83.5		2.2		184	Btuh	
21	Frame - Wood - Ext		0.09		13.0/0.6			160.0		2.2		352	Btuh	
Wall Total								2252 (sqft)					4781 Btuh	
Doors	Type				Area (sqft)			HTM		Load				
1	Insulated - Exterior						24.0		12.0		288	Btuh		
2	Insulated - Exterior						48.0		12.0		576	Btuh		
3	Insulated - Exterior						40.0		12.0		480	Btuh		
4	Insulated - Exterior						20.0		12.0		240	Btuh		
Door Total								132 (sqft)					1584 Btuh	
Ceilings	Type/Color/Surface	U-Value		R-Value		Area(sqft)			HTM		Load			
1	Vented Attic/Light/Shingle		0.032		30.0/0.0			2343.0		1.40		3283	Btuh	
2	Vented Attic/Light/Shingle		0.032		30.0/0.0			352.0		1.40		493	Btuh	
Ceiling Total								2695 (sqft)					3776 Btuh	

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Project Title: Climate:FL\_GAINESVILLE\_REGIONAL\_A  
Colunga Residence

, FL

12/10/2019

Floors	Type	R-Value	Size	HTM	Load	
1	Slab On Grade	0.0	2343 (ft-perimeter)	0.0	0 Btuh	
2	Raised Wood - Adj	30.0	352 (sqft)	0.5	177 Btuh	
	Floor Total		2695.0 (sqft)		177 Btuh	
	Envelope Subtotal:				14919 Btuh	
Infiltration	Type	Average ACH	Volume(cuft)	Wall Ratio	CFM=	Load
	Natural	0.13	23903	1	52.8	1099 Btuh
Internal gain		Occupants	Btuh/occupant		Appliance	Load
		8	X 230	+	1200	3040 Btuh
	Sensible Envelope Load:					19058 Btuh
Duct load	Extremely sealed, Supply(R6.0-Attic), Return(R6.0-Attic)			(DGM of 0.278)		5292 Btuh
	Sensible Load All Zones					24350 Btuh

# Manual J Summer Calculations

## Residential Load - Component Details (continued)

Project Title: Climate:FL\_GAINESVILLE\_REGIONAL\_A  
Colunga Residence

, FL

12/10/2019

### WHOLE HOUSE TOTALS

<b>Whole House Totals for Cooling</b>	<b>Sensible Envelope Load All Zones</b>	<b>19058 Btuh</b>
	Sensible Duct Load	5292 Btuh
	<b>Total Sensible Zone Loads</b>	<b>24350 Btuh</b>
	Sensible ventilation	0 Btuh
	Blower	0 Btuh
	<b>Total sensible gain</b>	<b>24350 Btuh</b>
	Latent infiltration gain (for 51 gr. humidity difference)	1823 Btuh
	Latent ventilation gain	0 Btuh
	Latent duct gain	674 Btuh
	Latent occupant gain (8.0 people @ 200 Btuh per person)	1600 Btuh
	Latent other gain	0 Btuh
	<b>Latent total gain</b>	<b>4097 Btuh</b>
	<b>TOTAL GAIN</b>	<b>28447 Btuh</b>

### EQUIPMENT

1. Central Unit	#	42000 Btuh
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\*Key: Window types (Panels - Number and type of panes of glass)  
(SHGC - Shading coefficient of glass as SHGC numerical value)  
(U - Window U-Factor)  
(InSh - Interior shading device: none(No), Blinds(B), Draperies(D) or Roller Shades(R))  
- For Blinds: Assume medium color, half closed  
For Draperies: Assume medium weave, half closed  
For Roller shades: Assume translucent, half closed  
(IS - Insect screen: none(N), Full(F) or Half(½))  
(Omt - compass orientation)



Version 8



# System Sizing Calculations - Winter

## Residential Load - Whole House Component Details

Project Title:  
Colunga Residence  
Building Type: User

, FL

12/10/2019

Reference City: Gainesville, FL (Defaults) Winter Temperature Difference: 40.0 F (TMY3 99%)

### Component Loads for Whole House

Window	Panes/Type	Frame	U	Orientation	Area(sqft)	X	HTM=	Load
1	2, NFRC 0.22	Vinyl	0.33	E	36.0		13.2	475 Btuh
2	2, NFRC 0.22	Vinyl	0.33	N	96.0		13.2	1267 Btuh
3	2, NFRC 0.22	Vinyl	0.33	E	30.0		13.2	396 Btuh
4	2, NFRC 0.22	Vinyl	0.33	E	12.5		13.2	165 Btuh
5	2, NFRC 0.22	Vinyl	0.33	E	8.0		13.2	106 Btuh
6	2, NFRC 0.22	Vinyl	0.33	S	16.0		13.2	211 Btuh
7	2, NFRC 0.22	Vinyl	0.33	S	18.0		13.2	238 Btuh
8	2, NFRC 0.22	Vinyl	0.33	S	18.0		13.2	238 Btuh
9	2, NFRC 0.22	Vinyl	0.33	S	10.0		13.2	132 Btuh
10	2, NFRC 0.22	Vinyl	0.33	W	12.0		13.2	158 Btuh
11	2, NFRC 0.22	Vinyl	0.33	W	4.5		13.2	59 Btuh
12	2, NFRC 0.22	Vinyl	0.33	S	4.5		13.2	59 Btuh
Window Total					265.5(sqft)			3505 Btuh
Walls	Type	Ornt.	Ueff.	R-Value (Cav/Sh)	Area	X	HTM=	Load
1	Frame - Wood	- Ext	(0.086)	13.0/0.6	138		3.45	476 Btuh
2	Frame - Wood	- Ext	(0.086)	13.0/0.6	162		3.45	559 Btuh
3	Frame - Wood	- Ext	(0.086)	13.0/0.6	182		3.45	626 Btuh
4	Frame - Wood	- Ext	(0.086)	13.0/0.6	153		3.45	528 Btuh
5	Frame - Wood	- Ext	(0.086)	13.0/0.6	27		3.45	93 Btuh
6	Frame - Wood	- Ext	(0.086)	13.0/0.6	87		3.45	298 Btuh
7	Frame - Wood	- Ext	(0.086)	13.0/0.6	27		3.45	93 Btuh
8	Frame - Wood	- Ext	(0.086)	13.0/0.6	58		3.45	200 Btuh
9	Frame - Wood	- Ext	(0.086)	13.0/0.6	107		3.45	369 Btuh
10	Frame - Wood	- Ext	(0.086)	13.0/0.6	39		3.45	134 Btuh
11	Frame - Wood	- Ext	(0.086)	13.0/0.6	32		3.45	109 Btuh
12	Frame - Wood	- Ext	(0.086)	13.0/0.6	39		3.45	134 Btuh
13	Frame - Wood	- Ext	(0.086)	13.0/0.6	132		3.45	455 Btuh
14	Frame - Wood	- Ext	(0.086)	13.0/0.6	48		3.45	166 Btuh
15	Frame - Wood	- Ext	(0.086)	13.0/0.6	68		3.45	234 Btuh
16	Frame - Wood	- Ext	(0.086)	13.0/0.6	319		3.45	1100 Btuh
17	Frame - Wood	- Adj	(0.086)	13.0/0.6	144		3.45	497 Btuh
18	Frame - Wood	- Ext	(0.086)	13.0/0.6	88		3.45	303 Btuh
19	Frame - Wood	- Adj	(0.086)	13.0/0.6	160		3.45	552 Btuh
20	Frame - Wood	- Ext	(0.086)	13.0/0.6	84		3.45	288 Btuh
21	Frame - Wood	- Ext	(0.086)	13.0/0.6	160		3.45	552 Btuh
Wall Total					2252(sqft)			7767 Btuh
Doors	Type	Storm	Ueff.		Area	X	HTM=	Load
1	Insulated - Exterior, n		(0.400)		24		16.0	384 Btuh
2	Insulated - Exterior, n		(0.400)		48		16.0	768 Btuh
3	Insulated - Exterior, n		(0.400)		40		16.0	640 Btuh
4	Insulated - Exterior, n		(0.400)		20		16.0	320 Btuh
Door Total					132(sqft)			2112Btuh

# Manual J Winter Calculations

## Residential Load - Component Details (continued)

, FL

Project Title:  
Colunga Residence  
Building Type: User

12/10/2019

<b>Ceilings</b>	Type/Color/Surface	Ueff.	R-Value	Area X	HTM=	Load
1	Vented Attic/L/Shing	(0.032)	30.0/0.0	2343	1.3	2985 Btuh
2	Vented Attic/L/Shing	(0.032)	30.0/0.0	352	1.3	448 Btuh
	<b>Ceiling Total</b>			<b>2695(sqft)</b>		<b>3433Btuh</b>
<b>Floors</b>	Type	Ueff.	R-Value	Size X	HTM=	Load
1	Slab On Grade	(1.180)	0.0	246.0 ft(perim.)	47.2	11611 Btuh
2	Raised Wood - Adj	(0.036)	30.0	352.0 sqft	1.4	505 Btuh
	<b>Floor Total</b>			<b>2695 sqft</b>		<b>12116 Btuh</b>
<b>Envelope Subtotal:</b>						<b>28932 Btuh</b>
<b>Infiltration</b>	Type	Wholehouse ACH	Volume(cuft)	Wall Ratio	CFM=	
	Natural	0.18	23903	1.00	70.4	3084 Btuh
<b>Duct load</b>	Extremely sealed, R6.0, Supply(Att), Return(Att)				(DLM of 0.157)	5020 Btuh
<b>All Zones</b>	<b>Sensible Subtotal All Zones</b>					<b>37037 Btuh</b>

### WHOLE HOUSE TOTALS

<b>Totals for Heating</b>	Subtotal Sensible Heat Loss Ventilation Sensible Heat Loss Total Heat Loss	37037 Btuh 0 Btuh 37037 Btuh
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### EQUIPMENT

1. Electric Heat Pump	#	42000 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

# ENERGY PERFORMANCE LEVEL (EPL) DISPLAY CARD

ESTIMATED ENERGY PERFORMANCE INDEX\* = 96

The lower the Energy Performance Index, the more efficient the home.

1. New home or, addition	1. <u>New (From Plans)</u>	12. Ducts, location & insulation level	
2. Single-family or multiple-family	2. <u>Single-family</u>	a) Supply ducts	R <u>6.0</u>
3. No. of units (if multiple-family)	3. <u>1</u>	b) Return ducts	R <u>6.0</u>
4. Number of bedrooms	4. <u>3</u>	c) AHU location	Main
5. Is this a worst case? (yes/no)	5. <u>No</u>	13. Cooling system:	Capacity <u>42.0</u>
6. Conditioned floor area (sq. ft.)	6. <u>2695</u>	a) Split system	SEER <u>        </u>
7. Windows, type and area		b) Single package	SEER <u>        </u>
a) U-factor:(weighted average)	7a. <u>0.330</u>	c) Ground/water source	SEER/COP <u>        </u>
b) Solar Heat Gain Coefficient (SHGC)	7b. <u>0.220</u>	d) Room unit/PTAC	EER <u>        </u>
c) Area	7c. <u>265.5</u>	e) Other	<u>14.0</u>
8. Skylights		14. Heating system:	Capacity <u>42.0</u>
a) U-factor:(weighted average)	8a. <u>NA</u>	a) Split system heat pump	HSPF <u>        </u>
b) Solar Heat Gain Coefficient (SHGC)	8b. <u>NA</u>	b) Single package heat pump	HSPF <u>        </u>
9. Floor type, insulation level:		c) Electric resistance	COP <u>        </u>
a) Slab-on-grade (R-value)	9a. <u>0.0</u>	d) Gas furnace, natural gas	AFUE <u>        </u>
b) Wood, raised (R-value)	9b. <u>30.0</u>	e) Gas furnace, LPG	AFUE <u>        </u>
c) Concrete, raised (R-value)	9c. <u>        </u>	f) Other	<u>8.50</u>
10. Wall type and insulation:		15. Water heating system	
A. Exterior:		a) Electric resistance	EF <u>        </u>
1. Wood frame (Insulation R-value)	10A1. <u>13.0</u>	b) Gas fired, natural gas	EF <u>        </u>
2. Masonry (Insulation R-value)	10A2. <u>        </u>	c) Gas fired, LPG	EF <u>0.59</u>
B. Adjacent:		d) Solar system with tank	EF <u>        </u>
1. Wood frame (Insulation R-value)	10B1. <u>13.0</u>	e) Dedicated heat pump with tank	EF <u>        </u>
2. Masonry (Insulation R-value)	10B2. <u>        </u>	f) Heat recovery unit	HeatRec% <u>        </u>
11. Ceiling type and insulation level		g) Other	
a) Under attic	11a. <u>30.0</u>	16. HVAC credits claimed (Performance Method)	
b) Single assembly	11b. <u>        </u>	a) Ceiling fans	<u>Yes</u>
c) Knee walls/skylight walls	11c. <u>        </u>	b) Cross ventilation	<u>No</u>
d) Radiant barrier installed	11d. <u>No</u>	c) Whole house fan	<u>No</u>
		d) Multizone cooling credit	<u>        </u>
		e) Multizone heating credit	<u>        </u>
		f) Programmable thermostat	<u>Yes</u>

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

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

Builder Signature: [Signature] Date: 12/19/19

Address of New Home: 567 NW High Point Dr City/FL Zip: FL



**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**

<b>GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		<b>Items to Include- Each Box shall be Marked as Applicable</b>		
		<b>Select From the Dropbox</b>		
1	Two (2) complete sets of plans containing the following:	YES <input type="text"/>		
2	All drawings must be clear, concise, drawn to scale, details that are not used shall be marked void	YES <input type="text"/>		
3	Condition space (Sq. Ft.) <input type="text"/> Total (Sq. Ft.) under roof <input type="text"/>	YES <input type="text"/>	NO <input type="text"/>	N/A <input type="text"/>

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

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

<b>GENERAL REQUIREMENTS: APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		<b>Items to Include- Each Box shall be Marked as Applicable</b>		
		<b>Select From the Dropbox</b>		
8	Plans or specifications must show compliance with FBCR Chapter 3	YES <input type="text"/>	NO <input type="text"/>	N/A <input type="text"/>
9	Basic wind speed (3-second gust), miles per hour	YES <input type="text"/>		
10	(Wind exposure – if more than one wind exposure is used, the wind exposure and applicable wind direction shall be indicated)	YES <input type="text"/>		
11	Wind importance factor and nature of occupancy	YES <input type="text"/>		
12	The applicable internal pressure coefficient, Components and Cladding	YES <input type="text"/>		
13	The design wind pressure in terms of psf (kN/m <sup>2</sup> ), to be used for the design of exterior component, cladding materials not specifically designed by the registered design professional.	YES <input type="text"/>		

**Elevations Drawing including:**

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

**Floor Plan including:**

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

**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)**

<b>GENERAL REQUIREMENTS:</b> <b>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		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 Dropdown

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

**FBCR 506: CONCRETE SLAB ON GRADE**

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

**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	YES <input type="text"/>
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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	YES <input type="text"/>
38	Show all Lintel sizes, type, spans and tie-beam sizes and spacing of reinforcement	YES <input type="text"/>

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

### **FBCR CHAPTER 6 WOOD WALL FRAMING CONSTRUCTION**

YES / NO / N/A

<b>GENERAL REQUIREMENTS:</b> <b>APPLICANT – PLEASE CHECK ALL APPLICABLE BOXES BEFORE SUBMITTAL</b>		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 <input type="text"/>
53	Fastener schedule for structural members per table IRC 602.3 are to be shown	YES <input type="text"/>
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 <input type="text"/>
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 <input type="text"/>
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 <input type="text"/>
57	Indicate where pressure treated wood will be placed	YES <input type="text"/>
58	Show all wall structural panel sheathing, grade, thickness and show fastener schedule for structural panel sheathing edges & intermediate areas	YES <input type="text"/>
59	A detail showing gable truss bracing, wall balloon framing details or/ and wall hinge bracing detail	YES <input type="text"/>

### **FBCR :ROOF SYSTEMS:**

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

### **FBCR 802:Conventional Roof Framing Layout**

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

### **FBCR 803 ROOF SHEATHING**

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

### **ROOF ASSEMBLIES FRC Chapter 9**

71	Include all materials which will make up the roof assemblies covering	YES <input type="text"/>
72	Submit Florida Product Approval numbers for each component of the roof assemblies covering	YES <input type="text"/>

## **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

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

### **HVAC information**

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

### **Plumbing Fixture layout shown**

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

### **Private Potable Water**

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

### **Electrical layout shown including**

85	Show Switches, receptacles outlets, lighting fixtures and Ceiling fans	YES <input type="text"/>
86	Show all 120-volt, single phase, 15- and 20-ampere branch circuits outlets required to be protected by <b>Ground-Fault Circuit Interrupter (GFCI) Article 210.8 A</b>	YES <input type="text"/>
87	Show the location of smoke detectors & Carbon monoxide detectors	YES <input type="text"/>
88	Show service panel, sub-panel, location(s) and total ampere ratings	YES <input type="text"/>
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.  <b>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</b>	YES <input type="text"/>
90	Appliances and HVAC equipment and disconnects	YES <input type="text"/>
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 <b>Combination arc-fault circuit interrupter, Protection device.</b>	N/A <input type="text"/>

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

		YES	NO	N/A
92	<b>Building Permit Application</b> A current Building Permit Application is to be completed, by following the Checklist all supporting documents must be submitted. There is a \$15.00 application fee. The completed application with attached documents and application fee can be mailed.	YES		
93	<b>Parcel Number</b> The parcel number (Tax ID number) from the Property Appraisers Office (386) 758-1083 is required. A copy of property deed is also required. <a href="http://www.columbiacountyfla.com">www.columbiacountyfla.com</a>	YES		
94	<b>Town of Fort White</b> (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.	NO		
***	<b>BELOW ITEMS ONLY NEEDED AFTER ZONING APPROVAL HAS GIVEN.</b>	****	***	***
95	<b>Environmental Health Permit or Sewer Tap Approval</b> A copy of a approved Columbia County Environmental Health (386) 758-1058	YES		
96	<b>City of Lake City</b> A City Water and/or Sewer letter. Call 386-752-2031	YES		
97	<b>Flood Information:</b> 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	NO		
98	<b>CERTIFIED FINISHED FLOOR ELEVATIONS</b> 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.			
99	A Flood development permit is also required for AE, Floodway & AH. Development permit cost is \$50.00			
100	<b>Driveway Connection:</b> If the property does not have an existing access to a public road, then an application for a culvert permit (\$25.00) must be made. County Public Works Dept. determines the size and length of every culvert before instillation and completes a final inspection before permanent power is granted. If the applicant feels that a culvert is not needed, they may apply for a culvert waiver (\$50.00) Separate Check when issued. If the project is to be located on an F.D.O.T. maintained road, then an F.D.O.T. access permit is required.	YES		
101	<b>911 Address:</b> An application for a 911 address must be applied for and received through the Columbia County Emergency Management Office of 911 Addressing Department (386) 758-1125.	YES		

**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.**

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ [www.floridabuilding.org](http://www.floridabuilding.org)

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
<b>1. EXTERIOR DOORS</b>			
A. SWINGING	PGT IND.	EXTERIOR DOORS	FL253-R12
B. SLIDING			
C. SECTIONAL/ROLL UP	OVERHEAD DOORS	GARAGE DOOR	FL742-R6
D. OTHER			
<b>2. WINDOWS</b>			
A. SINGLE/DOUBLE HUNG	PGT IND.	SH WINDOWS	FL239-R19
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
<b>3. PANEL WALL</b>			
A. SIDING	JAMES HARDI	HARDIBOARD SIDING	FLB192-R2
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
<b>4. ROOFING PRODUCTS</b>			
A. ASPHALT SHINGLES	TAMKO	ASPHALT SHINGLES	FL1956-R8
B. NON-STRUCTURAL METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
<b>5. STRUCTURAL COMPONENTS</b>			
A. WOOD CONNECTORS			
B. WOOD ANCHORS			
C. TRUSS PLATES			
D. INSULATION FORMS			
E. LINTELS			
F. OTHERS			
<b>6. NEW EXTERIOR ENVELOPE PRODUCTS</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) 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.

 12/19/19  
Contractor OR Agent Signature Date

NOTES: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION**

Florida Department of Business and Professional Regulation - Residential Performance Method

Project Name: Colunga Residence Street: City, State, Zip: , FL , Owner: Design Location: FL, Gainesville		Builder Name: Aaron Simque Homes Permit Office: Permit Number: Jurisdiction: County: Columbia (Florida Climate Zone 2)	
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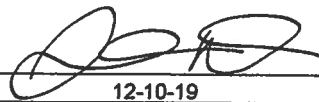
  

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Glass/Floor Area: 0.099	Total Proposed Modified Loads: 69.13	PASS
	Total Baseline Loads: 71.83	

I hereby certify that the plans and specifications covered by this calculation are in compliance with the Florida Energy Code.  PREPARED BY:  DATE: 12-10-19	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: _____
--	---

I hereby certify that this building, as designed, is in compliance with the Florida Energy Code.  OWNER/AGENT:  DATE: 12-11-19	
--	---

- 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:	Colunga Residence	Bedrooms:	3	Address Type:	Street Address
Building Type:	User	Conditioned Area:	1849	Lot #	
Owner Name:		Total Stories:	1	Block/Subdivision:	
# of Units:	1	Worst Case:	No	PlatBook:	
Builder Name:	Aaron Simque Homes	Rotate Angle:	0	Street:	
Permit Office:		Cross Ventilation:		County:	Columbia
Jurisdiction:		Whole House Fan:		City, State, Zip:	, FL ,
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	2695	23903

## SPACES

Number	Name	Area	Volume	Kitchen	Occupants	Bedrooms	Infil ID	Finished	Cooled	Heated
1	Main	2343	21087	Yes	6	3	1	Yes	Yes	Yes
2	bonus Room	352	2816	No	2	0	1	Yes	Yes	Yes

## FLOORS

✓	#	Floor Type	Space	Perimeter	Perimeter R-Value	Area	Joist R-Value	Tile	Wood	Carpet
_____	1	Slab-On-Grade Edge Insulatio	Main	246 ft	0	2343 ft²	_____	0.33	0.33	0.34
_____	2	Floor over Garage	bonus Room	_____	_____	352 ft²	30	0	0	1

## ROOF

✓	#	Type	Materials	Roof Area	Gable Area	Roof Color	Rad Barr	Solar Absor.	SA Tested	Emitt	Emitt Tested	Deck Insul.	Pitch (deg)
_____	1	Hip	Composition shingles	3239 ft²	0 ft²	Medium	N	0.85	No	0.9	No	0	33.7

## ATTIC

✓	#	Type	Ventilation	Vent Ratio (1 in)	Area	RBS	IRCC
_____	1	Full attic	Vented	300	2695 ft²	N	N

## INPUT SUMMARY CHECKLIST REPORT

## CEILING

✓	#	Ceiling Type	Space	R-Value	Ins Type	Area	Framing Frac	Truss Type
✓	1	Under Attic (Vented)	Main	30	Blown	2343 ft²	0.11	Wood
✓	2	Under Attic (Vented)	bonus Room	30	Blown	352 ft²	0.11	Wood

## WALLS

✓	#	Ornt	Adjacent To	Wall Type	Space	Cavity R-Value	Width Ft	In	Height Ft	In	Area	Sheathing R-Value	Framing Fraction	Solar Absor	Below Grade%
✓	1	N	Exterior	Frame - Wood	Main	13	15	4	9		138.0 ft²	0.625	0.23	0.75	0
✓	2	E	Exterior	Frame - Wood	Main	13	24	8	9		222.0 ft²	0.625	0.23	0.75	0
✓	3	N	Exterior	Frame - Wood	Main	13	36	2	9		325.5 ft²	0.625	0.23	0.75	0
✓	4	E	Exterior	Frame - Wood	Main	13	20	4	9		183.0 ft²	0.625	0.23	0.75	0
✓	5	N	Exterior	Frame - Wood	Main	13	3		9		27.0 ft²	0.625	0.23	0.75	0
✓	6	E	Exterior	Frame - Wood	Main	13	11		9		99.0 ft²	0.625	0.23	0.75	0
✓	7	S	Exterior	Frame - Wood	Main	13	3		9		27.0 ft²	0.625	0.23	0.75	0
✓	8	E	Exterior	Frame - Wood	Main	13	7	4	9		66.0 ft²	0.625	0.23	0.75	0
✓	9	S	Exterior	Frame - Wood	Main	13	13	8	9		123.0 ft²	0.625	0.23	0.75	0
✓	10	W	Exterior	Frame - Wood	Main	13	4	4	9		39.0 ft²	0.625	0.23	0.75	0
✓	11	S	Exterior	Frame - Wood	Main	13	7	2	10		71.7 ft²	0.625	0.23	0.75	0
✓	12	E	Exterior	Frame - Wood	Main	13	4	4	9		39.0 ft²	0.625	0.23	0.75	0
✓	13	S	Exterior	Frame - Wood	Main	13	18	8	9		168.0 ft²	0.625	0.23	0.75	0
✓	14	W	Exterior	Frame - Wood	Main	13	5	4	9		48.0 ft²	0.625	0.23	0.75	0
✓	15	S	Exterior	Frame - Wood	Main	13	8	8	9		78.0 ft²	0.625	0.23	0.75	0
✓	16	W	Exterior	Frame - Wood	Main	13	39	6	9		355.5 ft²	0.625	0.23	0.75	0
✓	17	W	Garage	Frame - Wood	Main	13	16		9		144.0 ft²	0.625	0.23	0.75	0
✓	18	N	Exterior	Frame - Wood	bonus Room	13	11		8		88.0 ft²	0.625	0.23	0.75	0
✓	19	E	Garage	Frame - Wood	bonus Room	13	32		5		160.0 ft²	0.625	0.23	0.75	0
✓	20	S	Exterior	Frame - Wood	bonus Room	13	11		8		88.0 ft²	0.625	0.23	0.75	0
✓	21	W	Exterior	Frame - Wood	bonus Room	13	32		5		160.0 ft²	0.625	0.23	0.75	0

## DOORS

✓	#	Ornt	Door Type	Space	Storms	U-Value	Width Ft	In	Height Ft	In	Area
✓	1	E	Insulated	Main	None	.4	3		8		24 ft²
✓	2	N	Insulated	Main	None	.4	6		8		48 ft²
✓	3	S	Insulated	Main	None	.4	5		8		40 ft²
✓	4	W	Insulated	Main	None	.4	3		6	8	20 ft²

## WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
✓	1	E	2	Vinyl	Low-E Double	Yes	0.33	0.22	N	36.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	2	N	3	Vinyl	Low-E Double	Yes	0.33	0.22	N	96.0 ft²	13 ft 6 in	1 ft 4 in	None	None
✓	3	E	4	Vinyl	Low-E Double	Yes	0.33	0.22	N	30.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	4	E	6	Vinyl	Low-E Double	Yes	0.33	0.22	N	12.5 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	5	E	8	Vinyl	Low-E Double	Yes	0.33	0.22	N	8.0 ft²	1 ft 6 in	1 ft 4 in	None	None

## INPUT SUMMARY CHECKLIST REPORT

## WINDOWS

Orientation shown is the entered, Proposed orientation.

✓	#	Ornt	Wall ID	Frame	Panes	NFRC	U-Factor	SHGC	Imp	Area	Overhang Depth	Separation	Int Shade	Screening
✓	6	S	9	Vinyl	Low-E Double	Yes	0.33	0.22	N	16.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	7	S	13	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	8	S	13	Vinyl	Low-E Double	Yes	0.33	0.22	N	18.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	9	S	15	Vinyl	Low-E Double	Yes	0.33	0.22	N	10.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	10	W	16	Vinyl	Low-E Double	Yes	0.33	0.22	N	12.0 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	11	W	16	Vinyl	Low-E Double	Yes	0.33	0.22	N	4.5 ft²	1 ft 6 in	1 ft 4 in	None	None
✓	12	S	20	Vinyl	Low-E Double	Yes	0.33	0.22	N	4.5 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	832 ft²	832 ft²	110 ft	9 ft	1

## INFILTRATION

#	Scope	Method	SLA	CFM 50	ELA	EqLA	ACH	ACH 50
1	Wholehouse	Proposed ACH(50)	.000282	1991.9	109.35	205.66	.1105	5

## HEATING SYSTEM

✓	#	System Type	Subtype	Speed	Efficiency	Capacity	Block	Ducts
✓	1	Electric Heat Pump/	None	Singl	HSPF:8.5	42 kBtu/hr	1	sys#1

## COOLING SYSTEM

✓	#	System Type	Subtype	Subtype	Efficiency	Capacity	Air Flow	SHR	Block	Ducts
✓	1	Central Unit/	None	Singl	SEER: 14	42 kBtu/hr	1260 cfm	0.85	1	sys#1

## HOT WATER SYSTEM

✓	#	System Type	SubType	Location	EF	Cap	Use	SetPnt	Conservation
✓	1	Propane	None	Exterior	0.59	40 gal	60 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 --- Location	R-Value	Area	--- Return --- Location	Area	Leakage Type	Air Handler	CFM 25 TOT	CFM25 OUT	QN	RLF	HVAC # Heat	Cool
✓	1	Attic	6	539 ft²	Attic	134.75	Prop. Leak Free	Main	-- cfm	80.8 cfm	0.03	0.50	1	1

880354908195

# 44219



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

PERMIT NO. 19-0928  
DATE PAID: 12/29/19  
FEE PAID: 435.00  
RECEIPT #: 1458243

## APPLICATION FOR:

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

APPLICANT: Glen ColungaAGENT: Lora DavidTELEPHONE: 867-5395MAILING ADDRESS: 567 NW High Point Dr LC FL 32055

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: 13 BLOCK: \_\_\_\_\_ SUBDIVISION: High Pointe PLATTED: \_\_\_\_\_PROPERTY ID #: 20-35-16-02202-113 ZONING: \_\_\_\_\_ I/M OR EQUIVALENT: [ Y / N ]PROPERTY SIZE: 1.12 ACRES WATER SUPPLY: ☒ PRIVATE PUBLIC [ ] ☐ ≤2000GPD [ ] ☐ >2000GPDIS SEWER AVAILABLE AS PER 381.0065, FS? [ Y ] ☒ N DISTANCE TO SEWER: \_\_\_\_\_ FTPROPERTY ADDRESS: 567 NW High Point Dr. LC FL 32055DIRECTIONS TO PROPERTY:  Hwy 90 W to NW Brown Rd, Turn Right then left onto Brook Loop, then 1st Right onto High Pointe Dr last lot on the end of cul-de-sac

## BUILDING INFORMATION

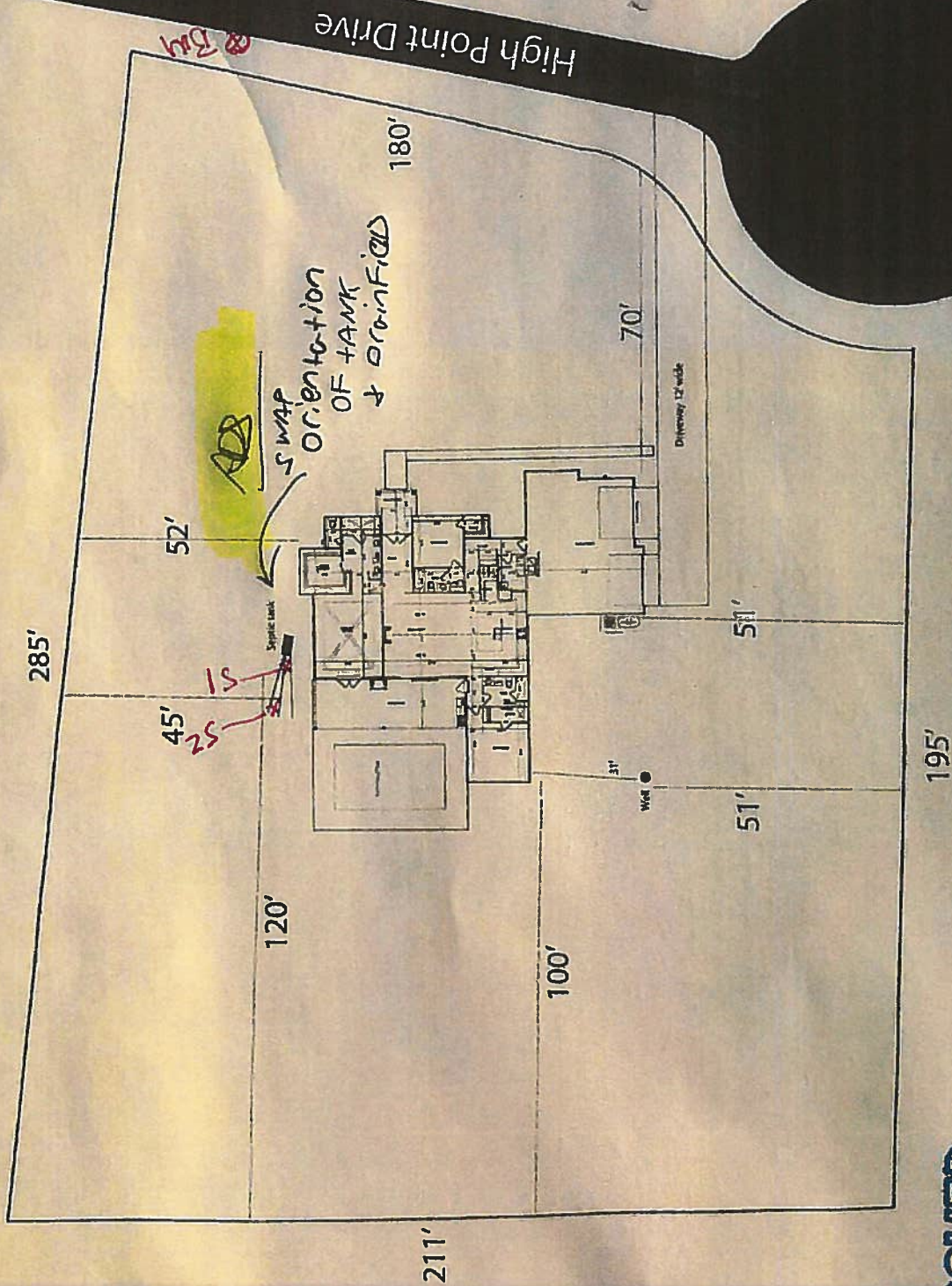
☒ RESIDENTIAL ☐ COMMERCIAL (Right)

Unit No	Type of Establishment	No. of Bedrooms	Building Area Sqft	Commercial/Institutional System Design Table 1, Chapter 64E-6, FAC
1	<u>SFR</u>	<u>3</u>	<u>2343</u>	
2				
3				
4				

[ ] Floor/Equipment Drains [ ] Other (Specify) \_\_\_\_\_

SIGNATURE: Lora DavidDATE: 12/19/19





**REVISED**  
1/8/20

ON 8.5" X 11" PAPER  
1" = 38'

**APPROVED**

1/8/19  
Columbiana CHD