

ONE FOOT RISE REPORT

Prepared for:

Brandon Padgett

890 NW Everett Terrace

White Springs, FL

Lot 4, Davis Subdivision

Section 20, Township 2 South, Range 16 East

Columbia County, Florida

July 4, 2020

Prepared by:

Carol Chadwick, P.E.

307.680.1772

ccpewyo@gmail.com



Carol Chadwick, PE
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o=This item has been
electronically signed
and sealed by Carol
Chadwick, PE using a
digital signature., ou,
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TABLE OF CONTENTS

Project Description	2
Analysis	2
Conclusion	2
One Foot Rise Certification	3
Location Map	4
SRWMD Flood Report	5
Columbia County Property Appraiser Map	6
FEMA Firmette	7

PROJECT DESCRIPTION

Mr. Brandon Padgett would like to permit improvements to 860 N.W. Everett Terrace, White Springs, FL, located in Section 20, Township 2 South, Range 16 East, Columbia County, Florida. The parcel number for the property is 20-2S-16-01657-004. The permit will be for the construction of a new 28' by 52' mobile home with two (2) 10' by 20' decks. The proposed structure is not located within 75 feet of the Suwannee River.



Photo 1. Proposed building site looking north.

ANALYSIS

The attached SRWMD Flood Report shows the base flood elevation at 87.0. The area of the Zone AE flood plain 100' upstream and 100' downstream is 1,281,838 s.f. or 29.43 acres. The area of the proposed structure is 1856 s.f. The proposed structure is 0.144 percent of the flood plain which will not cause a rise in the base flood elevation.

CONCLUSION

Calculations show no increase in the base flood elevation.

ONE FOOT RISE CERTIFICATION

CAROL CHADWICK, P.E.

Civil Engineer

1208 S.W. Fairfax Glen

Lake City, FL 32025

307.680.1772

ccpewyo@gmail.com

July 5, 2020

ONE FOOT RISE CERTIFICATION

Owner: Brandon Padgett

Property Address: 890 NW Everett Terrace
White Springs, FL

Property Description: Lot 4, Davis Subdivision
Section 20, Township 2 South, Range 16 East
Columbia County, Florida

Structure in Floodway: 28' x 52' Mobile Home
2 – 10' x 20' Decks

Elevation of 100-year flood: 87.0 feet (SRWMD)

Community Panel: 120070 0186D dated November 2, 2018

I hereby certify that the construction of the proposed residence will not obstruct flow or cause more than a 1.00 foot rise in the 100-year flood elevation of the Suwannee River.



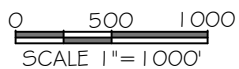
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Carol Chadwick, P.E.

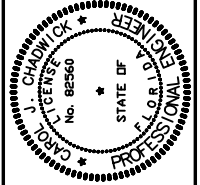
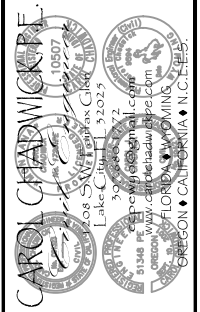
CC Job FL20125

LOCATION MAP

SECTION 20, TOWNSHIP 2 SOUTH, RANGE 16 EAST
890 EVERETT TERRACE, LAKE CITY, COLUMBIA COUNTY, FL



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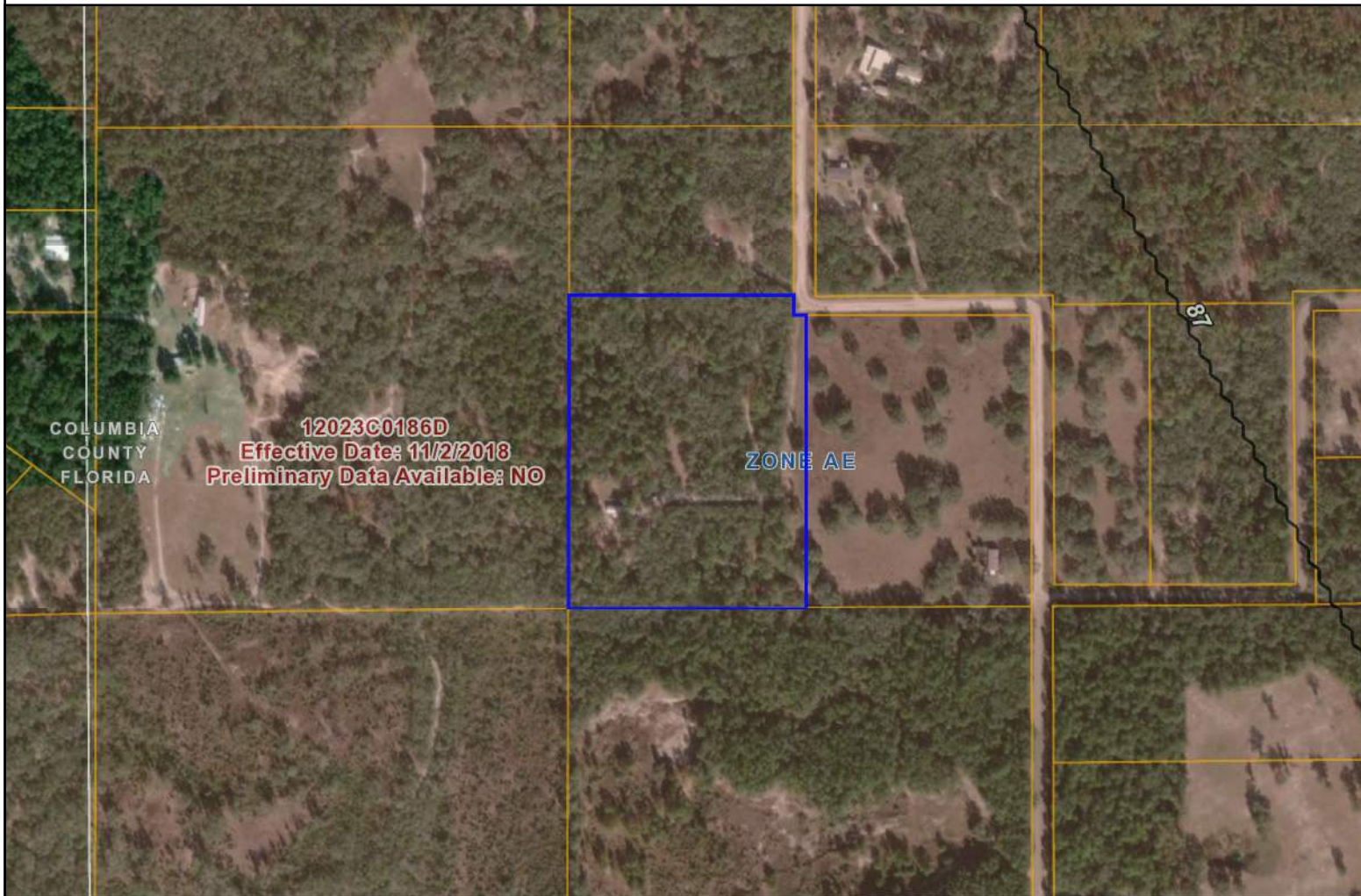
PREPARED FOR
BRANDON PADGETT
wethingkatie@yahoo.com
386.234.0559

PADGETT LOCATION MAP
890 NW EVERETT TERRACE
LAKE CITY, FL

PROJECT NO.	FL20125
DATE	JULY 4, 2020
REVISION DATE	
SHEET	OF
	SHEETS

SRWMD FLOOD REPORT

Suwannee River Water Management District Effective Flood Information Report



LOCATION

Date: 7-4-2020

Parcel: 20-2S-16-01657-004

County: COLUMBIA

STR: S020 T02 R16

Columbia Flood Hazard Areas Status
11/2/2018

FLOOD INFORMATION

Special Flood Hazard Area?
(SFHA): Yes

Flood Zone(s): AE

Floodway: No

**1% Annual Chance
Flood Elev (BFE):** 87 (feet)

**10% Annual Chance
Flood Elev:** 79.9 (feet)

**50% Annual Chance
Flood Elev:** 69.7 (feet)

Note: Elevations are based on NAVD88

FIRM Panel(s): 12023C0186D

Effective Flood Zones described on
Page 2

 SFHA - AE w/Floodway
 SFHA - Zones AE, AH, AO

 SFHA - Zone VE
 SFHA - Zone A
 0.2 % (shaded X)

 Wetlands
 FIRM Panel
 State Lands

 Counties
 SRWMD
 Parcels

 Depressions
 BFE
 Cross Sections

The Federal Emergency Management Agency (FEMA) maintains information about map features, such as street locations and names, in or near designated flood hazard areas. The information herein represents the best available data as of the effective date shown. The applicable Flood Insurance Study and a Digital Flood Insurance Rate Map is available online (<http://www.srwmdfloodreport.com>). To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to also consult the FEMA Map Service Center at 1-800-358-9616 (<http://www.msc.fema.gov>) for information on available products associated with this FIRM panel. Available products from the Map Service Center may include previously issued Letters of Map Change. Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period on preliminary maps, or through the Letter of Map Change process for effective maps.

Base Flood Elevation (BFE)

The elevation shown on the Flood Insurance Rate Map for Zones AE, AH, A1-A30, AR, AO, V1-V30, and VE that indicates the water surface elevation resulting from a flood that has a one percent chance of equaling or exceeding that level in any given year.

A

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Because detailed analyses are not performed for such areas; no depths or base flood elevations are shown within these zones.

AE, A1-A30

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. In most instances, base flood elevations derived from detailed analyses are shown at selected intervals within these zones.

AH

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Usually areas of ponding with flood depths of 1 to 3 feet. Base Flood Elevations are determined.

AO

Areas with a 1% annual chance of flooding and a 26% chance of flooding over the life of a 30-year mortgage. Usually areas of sheet flow on sloping terrain with flood depths of 1 to 3 feet. Base Flood Elevations are determined.

Supplemental Information:

10%-chance flood elevations (10-year flood-risk elevations) and 50%-chance flood elevations (2-year flood-risk elevations), are calculated during detailed flooding studies but are not shown on FEMA Digital Flood Insurance Rate Maps (FIRMs). They have been provided as supplemental information in the Flood Information section of this report.

AE FW (FLOODWAYS)

The channel of a river or other watercourse and the adjacent land areas that must be reserved in order to discharge the base flood (1% annual chance flood event). The floodway must be kept open so that flood water can proceed downstream and not be obstructed or diverted onto other properties.

Please note, if you develop within the regulatory floodway, you will need to contact your Local Government and the Suwannee River Water Management District prior to commencing with the activity. Please contact the District at 800.226.1066.

VE

Areas with a 1% annual chance of flooding over the life of a 30-year mortgage with additional hazards due to storm-induced velocity wave action. Base Flood Elevations (BFEs) derived from detailed analyses.

X 0.2 PCT (X Shaded, 0.2 PCT ANNUAL CHANCE FLOOD HAZARD)

Same as Zone X; however, detailed studies have been performed, and the area has been determined to be within the 0.2 percent annual chance floodplain (also known as the 500-year flood zone). Insurance purchase is not required in this zone but is available at a reduced rate and is recommended.

X

All areas outside the 1-percent annual chance floodplain are Zone X. This includes areas of 1% annual chance sheet flow flooding where average depths are less than 1 foot, areas of 1% annual chance stream flooding where the contributing drainage area is less than 1 square mile, or areas protected from the 1% annual chance flood by levees. No Base Flood Elevations or depths are shown within this zone. Insurance purchase is not required in these zones.

LINKS

FEMA:

<http://www.fema.gov>

SRWMD:

<http://www.srwmd.state.fl.us>

CONTACT

SRWMD
9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:
(800) 226-1066

COLUMBIA COUNTY PROPERTY APPRAISER MAP

Columbia County Property Appraiser

Jeff Hampton

2020 Working Values

updated: 6/5/2020

Parcel: << 20-2S-16-01657-004 >>

Owner & Property Info

Result: 1 of 1

Owner	PADGETT MICHAEL L & JESSIE G 890 NW EVERETT TERR WHITE SPRINGS, FL 32096		
Site	890 EVERETT TER, WHITE SPRINGS		
Description*	LOT 4 DAVIS S/D. ORB 1049-2545		
Area	12.4 AC	S/T/R	20-2S-16
Use Code**	MOBILE HOM (000200)	Tax District	3

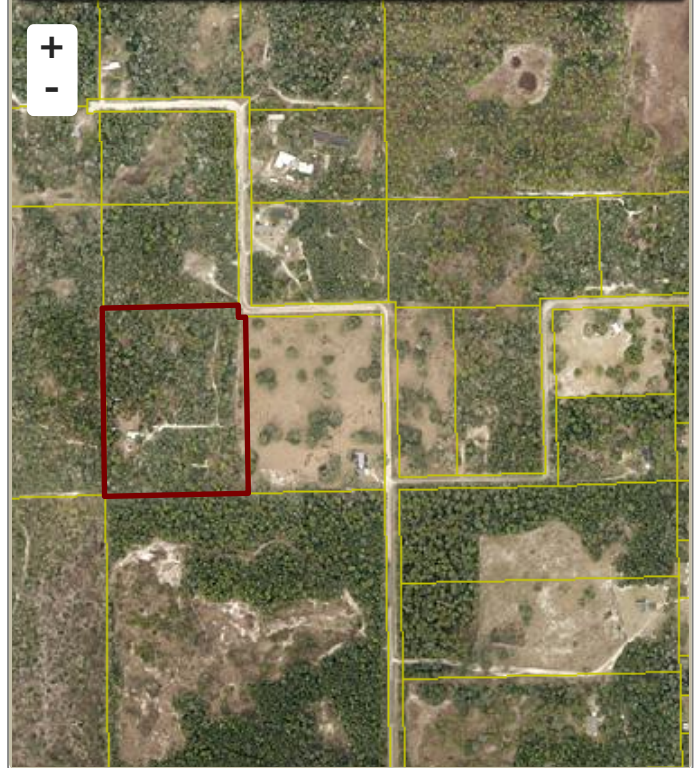
*The Description above is not to be used as the Legal Description for this parcel in any legal transaction.

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

Property & Assessment Values

2019 Certified Values		2020 Working Values	
Mkt Land (2)	\$21,691	Mkt Land (2)	\$21,691
Ag Land (0)	\$0	Ag Land (0)	\$0
Building (1)	\$18,005	Building (1)	\$17,572
XFOB (6)	\$3,500	XFOB (6)	\$3,500
Just	\$43,196	Just	\$42,763
Class	\$0	Class	\$0
Appraised	\$43,196	Appraised	\$42,763
SOH Cap [?]	\$3,327	SOH Cap [?]	\$1,977
Assessed	\$39,869	Assessed	\$40,786
Exempt	HX H3 \$25,000	Exempt	HX H3 \$25,000
Total Taxable	county:\$14,869 city:\$14,869 other:\$14,869 school:\$14,869	Total Taxable	county:\$15,786 city:\$15,786 other:\$15,786 school:\$15,786

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
6/20/2005	\$28,200	1049/2545	WD	V	Q	

Building Characteristics

Bldg Sketch	Bldg Item	Bldg Desc*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	1	MOBILE HME (000800)	1997	1216	1216	\$18,005

*Bldg Desc determinations are used by the Property Appraisers office solely for the purpose of determining a property's Just Value for ad valorem tax purposes and should not be used for any other purpose.

Extra Features & Out Buildings (Codes)

Code	Desc	Year Blt	Value	Units	Dims	Condition (% Good)
0285	SALVAGE	2005	\$500.00	1.000	0 x 0 x 0	(000.00)
0296	SHED METAL	2013	\$300.00	1.000	0 x 0 x 0	(000.00)
0296	SHED METAL	2013	\$100.00	1.000	0 x 0 x 0	(000.00)
0261	PRCH, UOP	2012	\$100.00	1.000	0 x 0 x 0	(000.00)
0261	PRCH, UOP	2012	\$100.00	1.000	0 x 0 x 0	(000.00)

Land Breakdown

Land Code	Desc	Units	Adjustments	Eff Rate	Land Value
000200	MBL HM (MKT)	12.400 AC	1.00/1.00 1.00/0.50	\$1,487	\$18,441
009945	WELL/SEPT (MKT)	1.000 UT - (0.000 AC)	1.00/1.00 1.00/1.00	\$3,250	\$3,250

Search Result: 1 of 1

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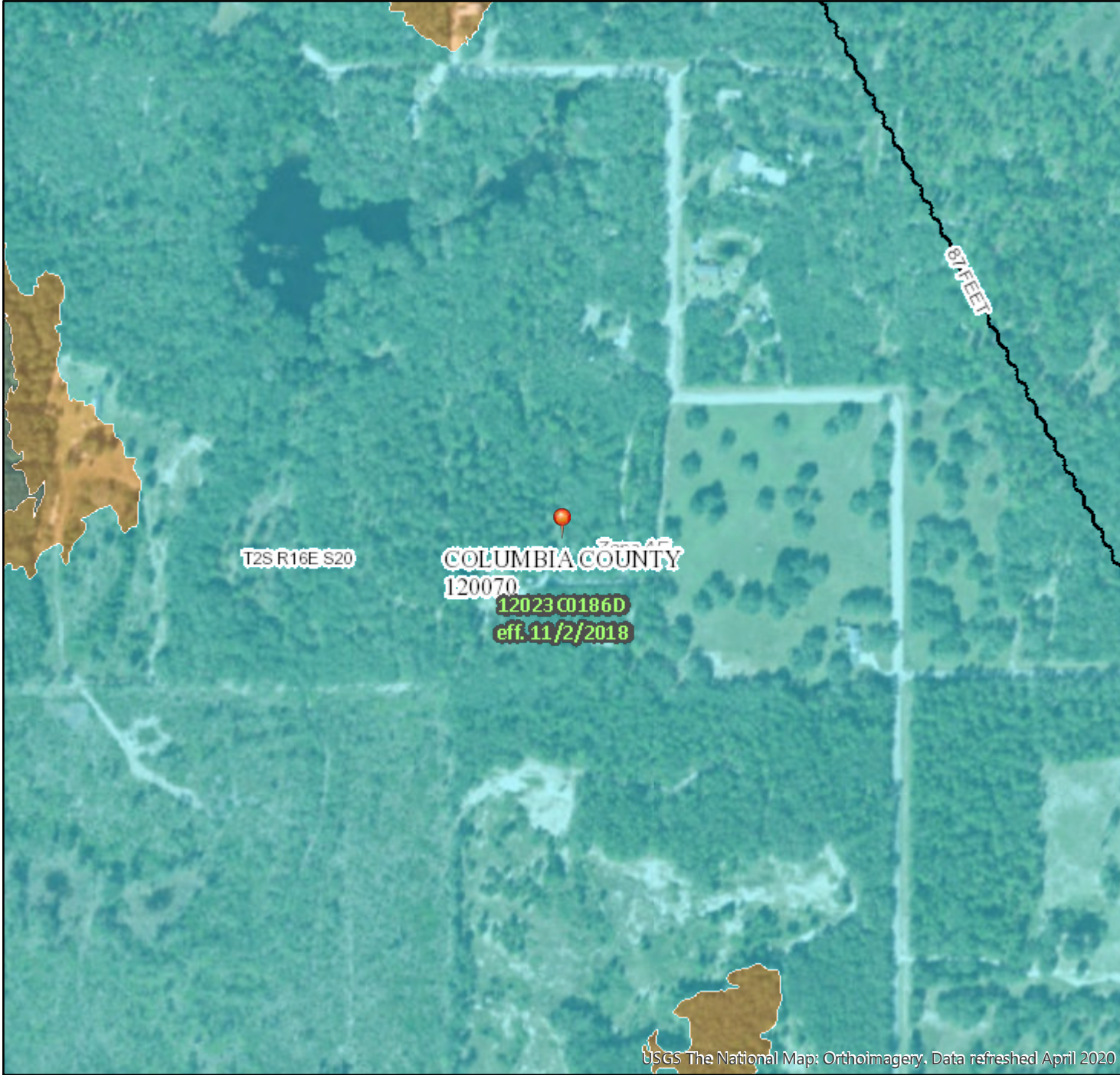
by: GrizzlyLogic.com

FEMA FIRM & FIRMETTE

National Flood Hazard Layer FIRMMette



82°44'39"W 30°18'22"N



0 250 500 1,000 1,500 2,000 Feet

USGS The National Map: Orthoimagery. Data refreshed April 2020
1:6,000
82°44'1"W 30°17'51"N

Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

SPECIAL FLOOD HAZARD AREAS		Without Base Flood Elevation (BFE) Zone A, V, A99
		With BFE or Depth Zone AE, AO, AH, VE, AR
		Regulatory Floodway
OTHER AREAS OF FLOOD HAZARD		0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile Zone X
		Future Conditions 1% Annual Chance Flood Hazard Zone X
		Area with Reduced Flood Risk due to Levee. See Notes. Zone X
		Area with Flood Risk due to Levee Zone D
OTHER AREAS		NO SCREEN Area of Minimal Flood Hazard Zone X
		Effective LOMRs
		Area of Undetermined Flood Hazard Zone D
GENERAL STRUCTURES		Channel, Culvert, or Storm Sewer
		Levee, Dike, or Floodwall
OTHER FEATURES		20.2 Cross Sections with 1% Annual Chance Water Surface Elevation
		17.5 Cross Sections with 1% Annual Chance Water Surface Elevation
		Coastal Transect
		Base Flood Elevation Line (BFE)
		Limit of Study
		Jurisdiction Boundary
		Coastal Transect Baseline
MAP PANELS		Digital Data Available
		No Digital Data Available
		Unmapped



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 7/4/2020 at 8:39 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.