

ONE FOOT RISE REPORT

Prepared for:

DERYL WILLIAMS

281 SW STEWART LOOP, LAKE CITY

LOT 4 BLOCK A, PLANTATION ESTATES

SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST

COLUMBIA COUNTY, FL

November 16, 2021

Prepared by:

Carol Chadwick, P.E.

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ccpewyo@gmail.com



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PROJECT DESCRIPTION

Deryl Williams would like to permit improvements to Lot 4, Block A, Plantation Estates located in Section 25, Township 4 South, Range 16 East, Columbia County, Florida. Property address is 281 SW Stewart Loop, Lake City, FL. The parcel number for the property is 25-45-16-03160-000. The permit will be for the construction of a 30' by 40' accessory structure. The proposed structure is not located within 75 feet of Clay Hole Creek.

ANALYSIS

The attached SRWMD Flood Report shows the base flood elevation is 69.5. The area of the Zone AE flood plain 100' upstream and 100' downstream is 162843 s.f. or 3.74 acres. The area of the proposed structure is 1200 s.f. The proposed structure is 0.74 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

November 16, 2021

ONE FOOT RISE CERTIFICATION

Owner: Deryl Williams

Property Address: 281 SW Stewart Loop
Lake City, FL

Property Description: Lot 4, Block A, Plantation Estates
Section 25, Township 4 South, Range 16 East
Columbia County, Florida

Structure in Floodway: 30' by 40' accessory structure

Elevation of 100-year flood: 69.5 feet (SRWMD Flood Report)

Community Panel: 12023C 0381D

I hereby certify that the construction of the proposed structure will not obstruct flow or cause more than a 1.00 foot rise in the 100-year flood elevation of the Clay Hole Creek.

Carol Chadwick, P.E.

CC Job FL21339



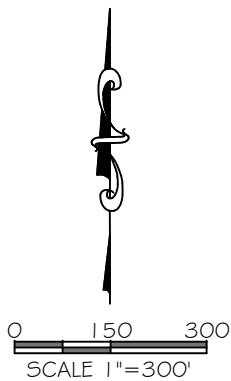
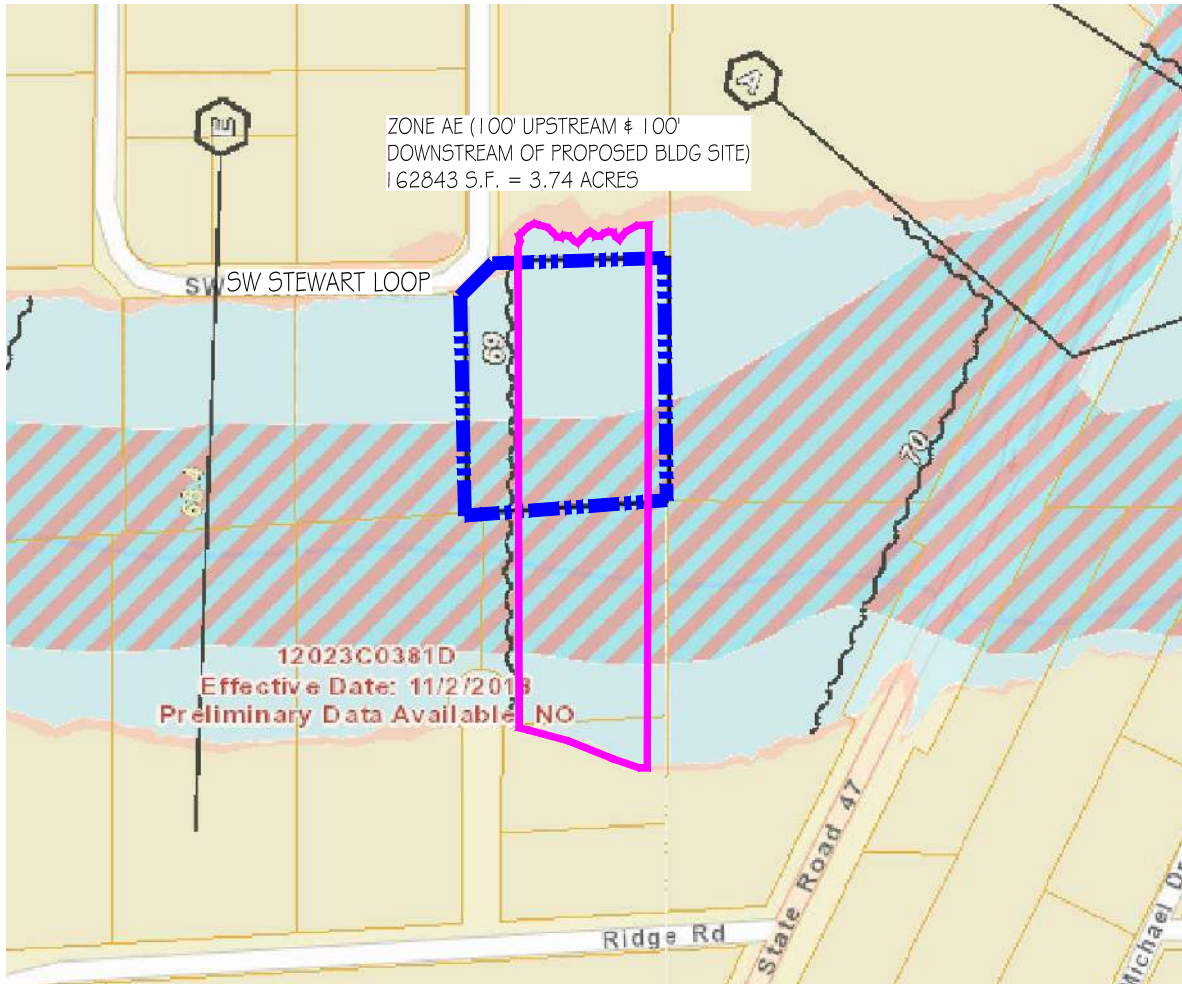
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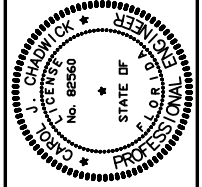
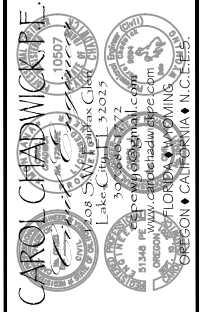
LOCATION MAP

LOCATION MAP

281 SW STEWART LOOP, LAKE CITY
 LOT 4 BLOCK A, PLANTATION ESTATES
 SECTION 25, TOWNSHIP 4 SOUTH, RANGE 16 EAST
 COLUMBIA COUNTY, FL



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REVISION DESCRIPTION	DATE

PREPARED FOR
 DERYL WILLIAMS
 6124 SW 150TH BLVD.
 LAKE CITY, FL 32054
 386.623.0311
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WILLIAMS LOCATION MAP
 281 SW STEWART LOOP
 LAKE CITY, FL

PROJECT NO. FL21339	SHEET 1	OF 1
DATE NOV. 16, 2021	REVISION DATE	SHEETS

COLUMBIA COUNTY PROPERTY APPRAISER MAP

Columbia County Property Appraiser

Jeff Hampton

2022 Working Values

updated: 11/11/2021

Parcel: << 25-4S-16-03160-000 (15547) >>

Owner & Property Info

Owner	WILLIAMS DERYL J 6124 SW 150TH BLVD LAKE BUTLER, FL 32054		
Site	281 SW STEWART Loop, LAKE CITY		
Description*	LOT 4 BLOCK A PLANTATION ESTATES S/D. 774-798, QC 1174-643, QC 1428-2720,		
Area	2.239 AC	S/T/R	25-4S-16
Use Code**	SINGLE FAMILY (0100)	Tax District	2

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

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

Property & Assessment Values

2021 Certified Values		2022 Working Values	
Mkt Land	\$16,400	Mkt Land	\$16,400
Ag Land	\$0	Ag Land	\$0
Building	\$110,055	Building	\$110,055
XFOB	\$2,360	XFOB	\$2,360
Just	\$128,815	Just	\$128,815
Class	\$0	Class	\$0
Appraised	\$128,815	Appraised	\$128,815
SOH Cap [?]	\$9,024	SOH Cap [?]	\$0
Assessed	\$128,815	Assessed	\$128,815
Exempt	\$0	Exempt	\$0
Total Taxable	county:\$119,791 city:\$0 other:\$0 school:\$128,815	Total Taxable	county:\$128,815 city:\$0 other:\$0 school:\$128,815

Aerial Viewer Pictometry Google Maps

☒ 2019
 ☐ 2016
 ☐ 2013
 ☐ 2010
 ☐ 2007
 ☐ 2005
 ☐ Sales


Sales History

Sale Date	Sale Price	Book/Page	Deed	V/I	Qualification (Codes)	RCode
1/26/2021	\$100	1428/2720	QC	I	U	11
4/20/2007	\$0	1174/0643	QC	I	U	01
5/3/1993	\$0	0774/0798	PR	I	U	11

Building Characteristics

Bldg Sketch	Description*	Year Blt	Base SF	Actual SF	Bldg Value
Sketch	SINGLE FAM (0100)	1968	1892	1936	\$110,055

*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)

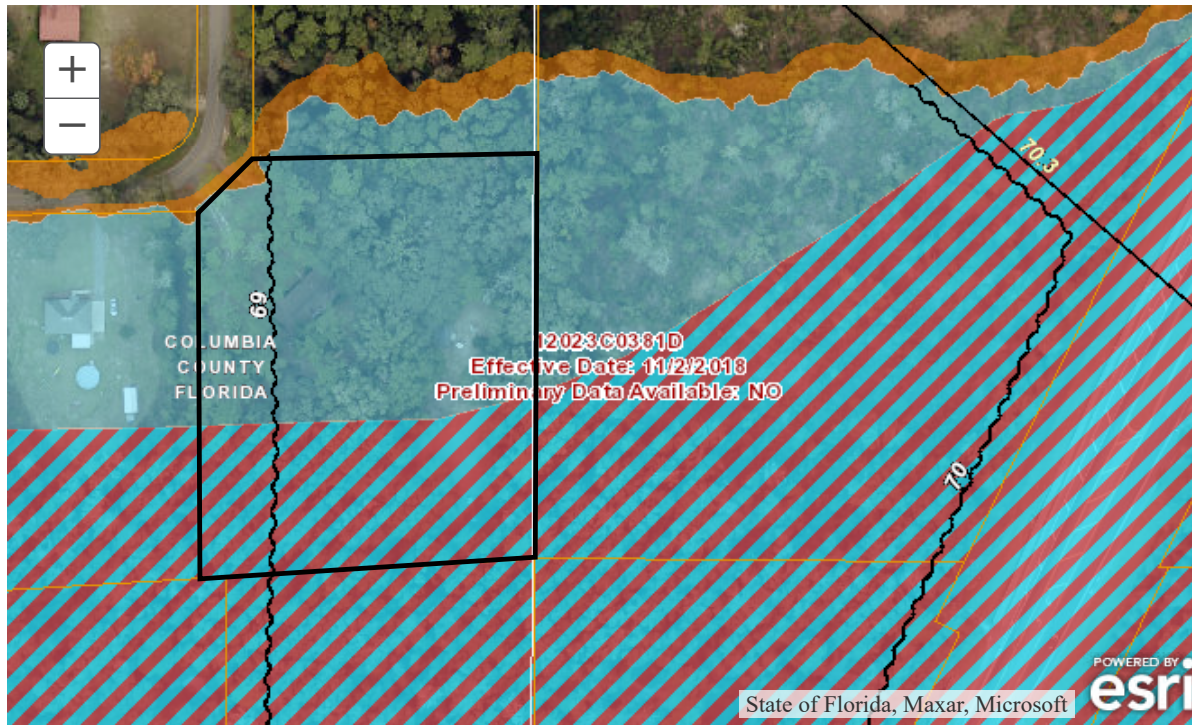
Code	Desc	Year Blt	Value	Units	Dims
0190	FPLC PF	0	\$1,200.00	1.00	0 x 0
0296	SHED METAL	1993	\$960.00	192.00	12 x 16
0285	SALVAGE	2009	\$200.00	1.00	0 x 0

Land Breakdown

Code	Desc	Units	Adjustments	Eff Rate	Land Value
0100	SFR (MKT)	1.000 LT (2.239 AC)	1.0000/1.0000 1.0000/ /	\$16,400 /LT	\$16,400

SRWMD FLOOD REPORT

EFFECTIVE FLOOD INFORMATION REPORT



Location Information

County: **COLUMBIA**
 Parcel: **25-4S-16-03160-000**
 Flood Zone: **X-SHADED, AE,**
 Flood Risk: **HIGH**

1% Annual Chance Base Flood Elev* **69.5 (feet)**

10% Annual Chance Flood Elev* **Not Available**

50% Annual Chance Flood Elev* **Not Available**

* Flood Elevations shown on this report are in NAVD 88 and are derived from FEMA flood mapping products, rounded to the nearest tenth of a foot. For more information, please see the note below

Legend with Flood Zone Designations

	1% Flood -Floodway (High Risk)		Area Not Included		CrossSections		Wetlands
	1% Flood - Zone AE (High Risk)		SFHA Decrease		County Boundaries		
	1% Flood - Zone A (HighRisk)		SFHA Increase		FIRM Panel Index		
	1% Flood - Zone VE (HighRisk)		Depressions		Parcels		
	0.2% Flood-Shaded Zone X (Moderate Risk)		BaseFlood Elevations (BFE)		River Marks		

Supplemental Information

Watershed	Santa Fe	Map Effective Date	11/2/2018	Special Flood Hazard Area	Yes
FIRM Panel(s)	12023C0381D				

Anywhere it can rain, it can flood
 Know your risk.



www.srwmdfloodreport.com

The information herein represents the best available data as of the effective map date shown. The Federal Emergency Management Agency (FEMA) Flood Map Service Center (<https://msc.fema.gov>) maintains the database of Flood Insurance Studies and Digital Flood Insurance Rate Maps, as well as additional information such as how the Base Flood Elevations (BFEs) and/or floodways have been determined and previously issued Letters of Map Change. Requests to revise flood information may be provided to the District during the community review period on preliminary maps, or through the appropriate process with FEMA [Change Your Flood Zone Designation | FEMA.gov](https://www.fema.gov). Information about flood insurance may be obtained at <https://www.floodsmart.com>

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