



October 31, 2023

Mr. Skip Harvey  
Harvey Building and Construction Inc.  
10887 NW 234 St  
Alachua, FL 32615  
352-258-9051 (cell)

**SUBJECT: Elevation Letter\_554 SW Grassy Lane, Fort White, FL-Parcel 10-6S-16-03814-118**

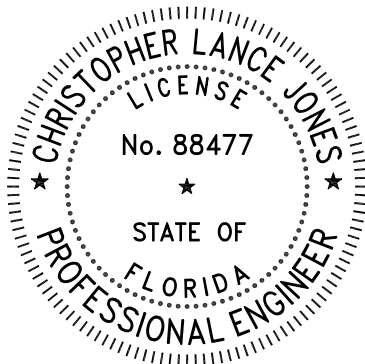
**Background:** As requested, I performed an inspection of the proposed residential building site. The building foundation was staked at the time of inspection and located in the center of the property. Photos were taken to document the existing ground surface and proposed finished floor elevation. The existing topography of the site naturally slopes away from the northern part of the property along SW Grassy Lane to the southern property boundary. Per the FEMA Flood Hazard Maps, the property is located in FIRM panel 12023C0480C and there are no current flood hazards or wetlands on the property. Per the SRWMD Flood Report, the property is located in Flood Zone "X" with Columbia County LiDAR data showing the minimum elevation being 60' +/- . Offsite, localized flood areas are shown at an elevation of approximately 55' +/- . The elevation of the adjacent roadway, SW Grassy Lane, varies from 73' +/- in the northwest corner of the parcel to 65' +/- in the northeast corner of the parcel. The elevation of the natural ground around the proposed residence is 62' +/- at the northern wall and 60' +/- at the southern wall. The finished floor elevation of the home is to be set at approximately 62.67' and a minimum of 8" above the existing grade at the northernmost wall.

**Determination:** The proposed building footprint is to be located in the center of the property. The finished floor elevation of the residence is set at a higher elevation than the adjacent ground and will be graded away from the building to prevent direct precipitation runoff from impacting the home. A swale shall be constructed around the perimeter of the home to direct precipitation runoff away from the northern side of the home to the down gradient area at the southern property boundary. The finished floor elevation of the home will be below the required elevation of one foot above the adjacent road, but current and proposed flood elevations will not attain elevations above the finished floor elevation as shown in the attached FEMA Firm Maps and SRWMD Flood Reports.

I hereby certify that the minimum finished floor elevation listed above will protect the structure against water damage from a base flood event to the best of my knowledge as based on the information provided to me by the client, as defined in Article 8 of the Land Development Regulations.

Please contact me if you have any questions.

Sincerely,  
Christopher L Jones  
2023.10.31 21:53:49  
-04'00'  
Lance Jones, PE  
Owner



This item has been digitally signed and sealed by C. Lance Jones, PE, on the date adjacent to the seal.

Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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## Site Photos

*Figure 1. Northeast Corner of Property*



*Figure 2. Southwest Corner of Property*





## **Appendix A. Columbia County Property Appraiser Aerial**

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

**PARCEL: 10-6S-16-03814-118 (19444)** | MISC IMPROVED (0700) | 10.02 AC

COMM SW COR, RUN E 46.86 FT TO E R/W SR-47, CONT E 2007.40 FT FOR POB, CONT E 658 FT, N 658.22 FT, W 658.02 FT, S 655.35 FT TO POB. (AKA LOT 18 SOUTH F

**Owner:** VAZQUEZ HERNAN L  
VAZQUEZ SUSI Y ACEBEY  
5150 SILO RD  
ST. AUGUSTINE, FL 32092

**Site:** 554 SW GRASSY LN, FORT WHITE

**Sales Info**

6/23/2023	\$155,000	I (Q)
1/9/2004	\$50,000	V (Q)
4/30/1999	\$31,000	V (Q)

**2024 Working Values**

Mkt Lnd	\$75,150	Appraised	\$86,638
Ag Lnd	\$0	Assessed	\$86,638
Bldg	\$0	Exempt	\$0
XFOB	\$11,488	Total	county:\$71,118
Just	\$86,638	Taxable	city:\$0
			other:\$0
			school:\$86,638

NOTES:

Columbia County, FL

This information,, was derived from data which was compiled by the Columbia County Property Appraiser Office solely for the governmental purpose of property assessment. This information should not be relied upon by anyone as a determination of the ownership of property or market value. No warranties, expressed or implied, are provided for the accuracy of the data herein, it's use, or it's interpretation. Although it is periodically updated, this information may not reflect the data currently on file in the Property Appraiser's office.

GrizzlyLogic.com

columbia.floridapa.com/gis/gisPrint/

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## **Appendix B. Site Plan for Septic Permit**

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## **Appendix C. SRWMD District Flood Report**

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# EFFECTIVE FLOOD INFORMATION REPORT



## Location Information

County: **COLUMBIA**  
 Parcel: **106S1603814118**  
 Flood Zone: **X**  
 Flood Risk: **LOW**

1% Annual Chance Base Flood Elev\* **Not Applicable**  
 10% Annual Chance Flood Elev\* **Not Applicable**  
 50% Annual Chance Flood Elev\* **Not Applicable**

\* 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	2/4/2009	Special Flood Hazard Area	No
FIRM Panel(s)	12023C0480C				

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



[www.srwmdfloodreport.com](http://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](https://www.floodsmart.com) | [FEMA.gov](https://www.floodsmart.com). Information about flood insurance may be obtained at ( <https://www.floodsmart.com> )





## Appendix D. FEMA Firm Map

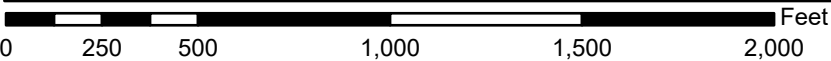
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# National Flood Hazard Layer FIRMMette



82°42'28"W 29°58'44"N



1:6,000

82°41'51"W 29°58'13"N

Basemap Imagery Source: USGS National Map 2023

## 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
MAP PANELS		Coastal Transect Baseline
		Profile Baseline
		Hydrographic Feature
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 10/30/2023 at 10:11 PM 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.