



March 16, 2023

Mr. Jerry Lerner  
Geiger Farms, LLC  
7977 9<sup>th</sup> Ave South  
St Petersburg, FL 33707  
352-278-2807 (cell)

**SUBJECT: Elevation Letter\_125 SW Hermitage Glen, High Springs, FL-Parcel 21-7S-17-10039-107**

**Background:** As requested, I inspected the building site for the proposed construction at the above referenced site. The foundation location was staked at the time of inspection. The photo was taken from SW Hermitage Glen looking north towards the building site. The existing topography of the site naturally slopes away from the center of the property towards SW Hermitage Glen. Per the FEMA Flood Hazard Maps, the property is located in FIRM panel 12023C0551C and there are no current flood hazards on the property. Per the SRWMD Flood Report, an SFHA increase will occur in the southern and north eastern corner of the property with the extents of the flood boundary at an elevation of approximately 55.57' +/- . Brinkman Surveying, LLC has provided a survey with ground shot elevations for the adjacent roadways, the grade at the top of the stem wall, and low areas of the property.

**Elevations:** The elevation of US Highway 41 adjacent to the site is 58.65' +/- and the average elevation of SW Hermitage Glen adjacent to the site is 56.81' +/- . The minimum finished floor elevation of the home will be at 56.12' and 14" above the highest finished ground elevation around the home. The finished grade ground elevation at the foundation will be 3.7' below the US Highway 441 or 54.95' +/- . The finished floor of the home will be below the nearest adjacent street.

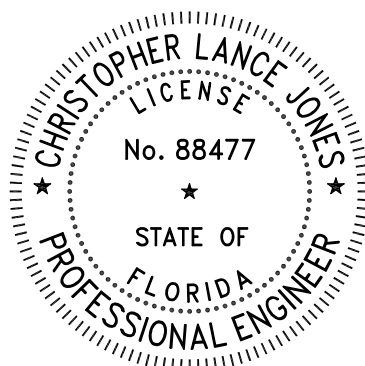
**Determination:** The building footprint is located in the western center of the property and the adjacent ground will be graded away from the building to prevent direct precipitation runoff from impacting the home. A swale will be constructed to direct precipitation runoff from the northern side of the home to the depressed area in the southern portion of the property. Current and proposed flood elevations will not attain elevations above the finished floor elevation.

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.

Should you have any questions, please don't hesitate to contact me.

Sincerely,

Lance Jones, PE  
Owner



Christopher L Jones  
2023.03.16 10:07:21 -04'00'

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

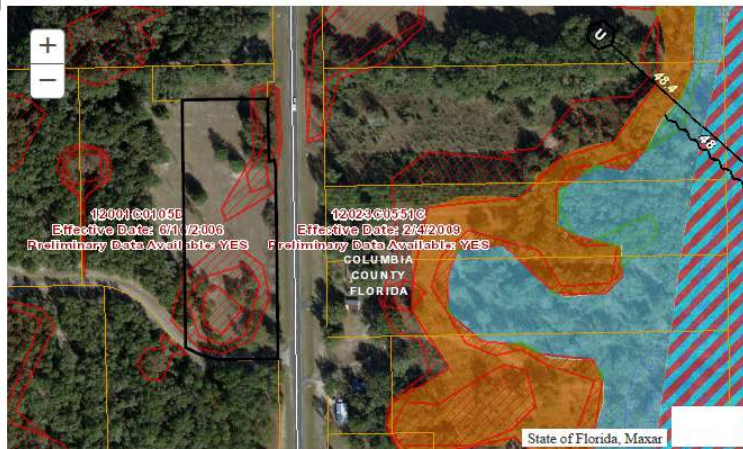


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## SRWMD Flood Report

### EFFECTIVE FLOOD INFORMATION REPORT



#### Location Information

County: **COLUMBIA**  
Parcel: **21-7S-17-10039-107**  
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 (High Risk)            | SFHA Increase              | FIRM Panel Index  |          |
| 1% Flood - Zone VE (High Risk)           | 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)	12023C0551C				

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

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## Survey

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OF SPOT ELEVATIONS MEASURED  
IN SECTION 21, TOWNSHIP 07 SOUTH,  
RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA.

LEGEND:

X 100.00 = MEASURED SPOT ELEVATION  
R/W = RIGHT OF WAY



HERMITAGE SUBDIVISION  
PLAT BOOK 9, PAGE 28 & 29,  
OF THE PUBLIC RECORDS OF  
COLUMBIA COUNTY, FLORIDA

TOP OF CONCRETE BLOCK STEM-WALL  
ELEVATION = 56.12'

A horizontal beam is shown with a downward-pointing arrow (load) at its left end and an upward-pointing arrow (reaction) at its right end. The distance between the two arrows is labeled as 56.12'.

56.12'

BOTTOM OF  
SHALLOW  
DEPRESSION 7 5

TOP OF CONCRETE  
MONUMENT (LS 4708)  
ELEVATION = 55.57'

R/W LINE-

~~x 56.47~~

X 56.54'

 $\times 57.43'$ 

- ASPHALT PAVEMENT ↗

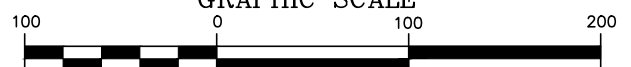
SW HERMITAGE GLEN  
(60' R/W)

SURVEYOR NOTES:

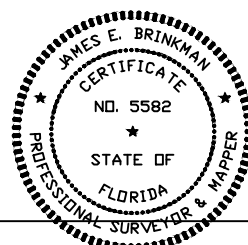
1. THIS IS NOT A BOUNDARY SURVEY. THE PURPOSE OF THIS SURVEY IS TO SHOW SPOT ELEVATIONS OF THE NEWLY CONSTRUCTED CONCRETE BLOCK STEM-WALL AND THE ADJACENT ROADWAYS.

2. ELEVATIONS SHOWN HEREON ARE BASED ON FLORIDA DEPARTMENT OF TRANSPORTATION BENCHMARK (BRASS DISK STAMPED BM3) IN THE NE CORNER OF THE SANTA FE RIVER BRIDGE RAIL ON US HIGHWAY 41, APPROXIMATELY 4775 FEET SOUTH OF LOT 7. ELEVATION 56.10 FEET, NORTH AMERICAN VERTICAL DATUM OF 1988. (NAVD 88)

GRAPHIC SCALE



( IN FEET )  
1 inch = 100 ft.



*James E Brinkman*  
JAMES E. BRINKMAN  
PROFESSIONAL SURVEYOR & MAPPER  
FLA. LICENSE NO. 5582



BRINKMAN SURVEYING, LLC

25716 NW 62 AVE HIGH SPRINGS, FL. 32643  
PHONE: (352) 374-7707 BRINKMANSURVEYING.COM

SHEET 1 OF 1

DRAWN BY: J.B.

DATE 03/15/23

JOB NO 023-23