

ONE FOOT RISE REPORT

Prepared for:

WILLIAM DUDLEY

430 SE MARINO WAY, HIGH SPRINGS

LOT 5, OLENO ESTATES

SECTION 10, TOWNSHIP 7 SOUTH, RANGE 17 EAST

COLUMBIA COUNTY, FL

NOVEMBER 20, 2025

Prepared by:

Carol Chadwick, P.E.

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ccpewyo@gmail.com

This item has been digitally signed and sealed by Carol Chadwick, P.E. 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.

CC Job FL25575

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PROJECT DESCRIPTION

Mr. Dudley would like to permit improvements to Lot 5, Oleno Estates located in Section 10, Township 7 South, Range 17 East, Columbia County, Florida. Property address is 430 SE Marino Way, High Springs, FL. The parcel number for the property is 10-7S-17-09984-005. The permit will be for the construction of a 1920 s.f. residence.

ANALYSIS

The attached SRWMD Flood Report shows the base flood elevation is 52.2. The area of the Zone AE flood plain 100' upstream and 100' downstream is 1951474 s.f. or 44.8 acres. The proposed structure is 0.098 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

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November 20, 2025

ONE FOOT RISE CERTIFICATION

Owner: William Dudley

Property Address: 430 SE Marino Way
High Springs, FL

Property Description: Lot 5, Oleno Estates
Section 10, Township 7 South, Range 17 East
Columbia County, Florida

Structure in Floodway: 1920 s.f. Residence

Elevation of 100-year flood: 52.2 feet (SRWMD Flood Report)

Community Panel: 12023C 0513C & 12023C 0514C (effective date 2/4/09)

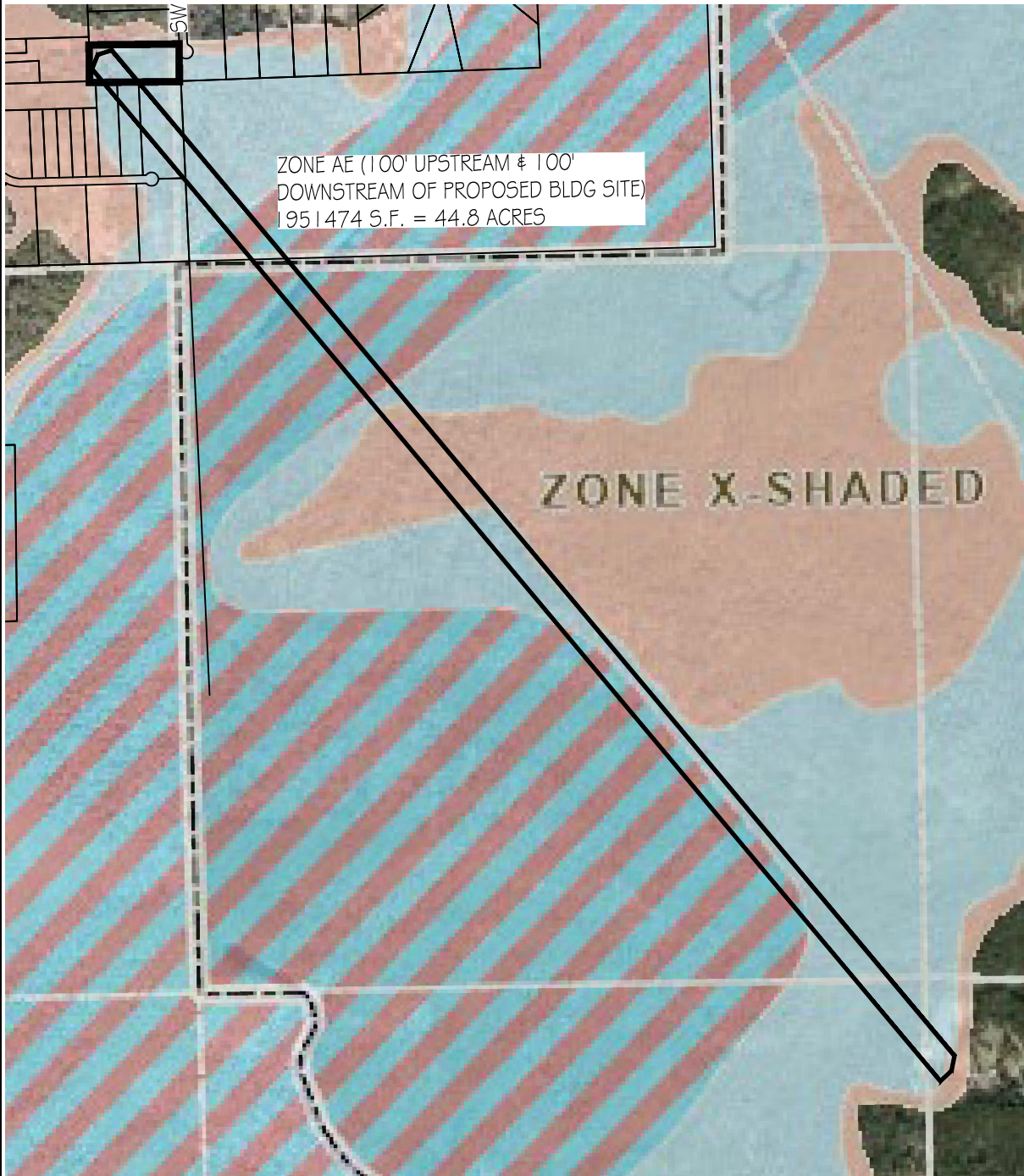
I hereby certify that the construction of the proposed structure will not obstruct flow or cause more than a 1.00 foot rise in the 100-year flood elevation of the Santa Fe River.

Carol Chadwick, P.E.

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LOCATION MAP

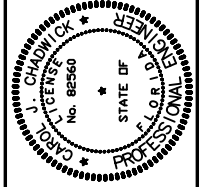
SECTION 10, TOWNSHIP 7 SOUTH, RANGE 17 EAST
COLUMBIA COUNTY, FL



0 600 1200
SCALE 1" = 1200'

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PREPARED FOR
WILLIAM DUDLEY

DUDLEY LOCATION MAP
430 SE MARINO WAY
HIGH SPRINGS, FL

PROJECT NO. FL25575

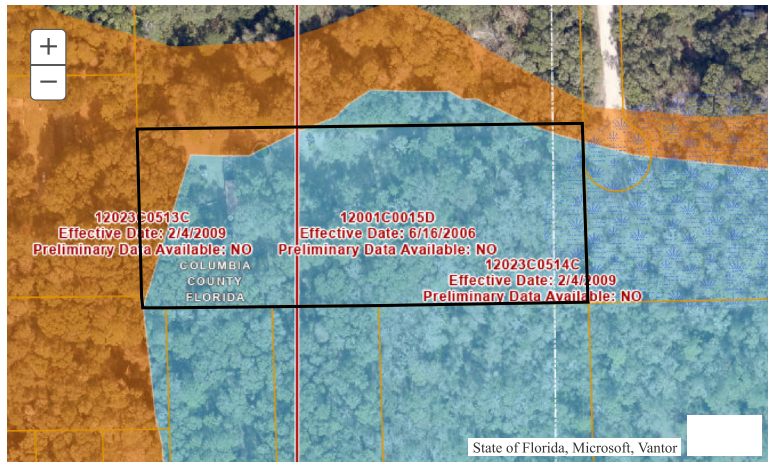
DATE NOV. 20, 2025

REVISION DATE

SHEET | OF | SHEETS

SRWMD FLOOD REPORT

EFFECTIVE FLOOD INFORMATION REPORT



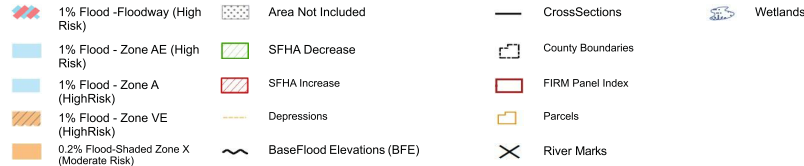
Location Information

County: **COLUMBIA**
Parcel: **107S1709984005**
Flood Zone: **AE, X-SHADED**
Flood Risk: **HIGH**

1% Annual Chance Base Flood Elev* **52.2 (feet)**
10% Annual Chance Flood Elev* **48.1 (feet)**
50% Annual Chance Flood Elev* **42.1 (feet)**

* 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



Supplemental Information

Watershed	Map Effective Date	2/4/2009	Special Flood Hazard Area	Yes
FIRM Panel(s)	12023C0513C, 12023C0514C			

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



www.srwmfloodreport.com

The information herein represents the best available data as of the effective date shown. Reliance on the Information is done solely at your own risk. The District makes no warranty, representation or guaranty as to the content, accuracy, timeliness or completeness of the Information. Users of the data should refer to the [District's full Disclaimer](#).

The [Federal Emergency Management Agency \(FEMA\) Flood Map Service Center](#) 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 community review periods, or through the appropriate process with FEMA Change Your Flood Zone Designation | [FEMA.gov](#). Information about flood insurance may be obtained at 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.srwmfloodreport.com>

CONTACT

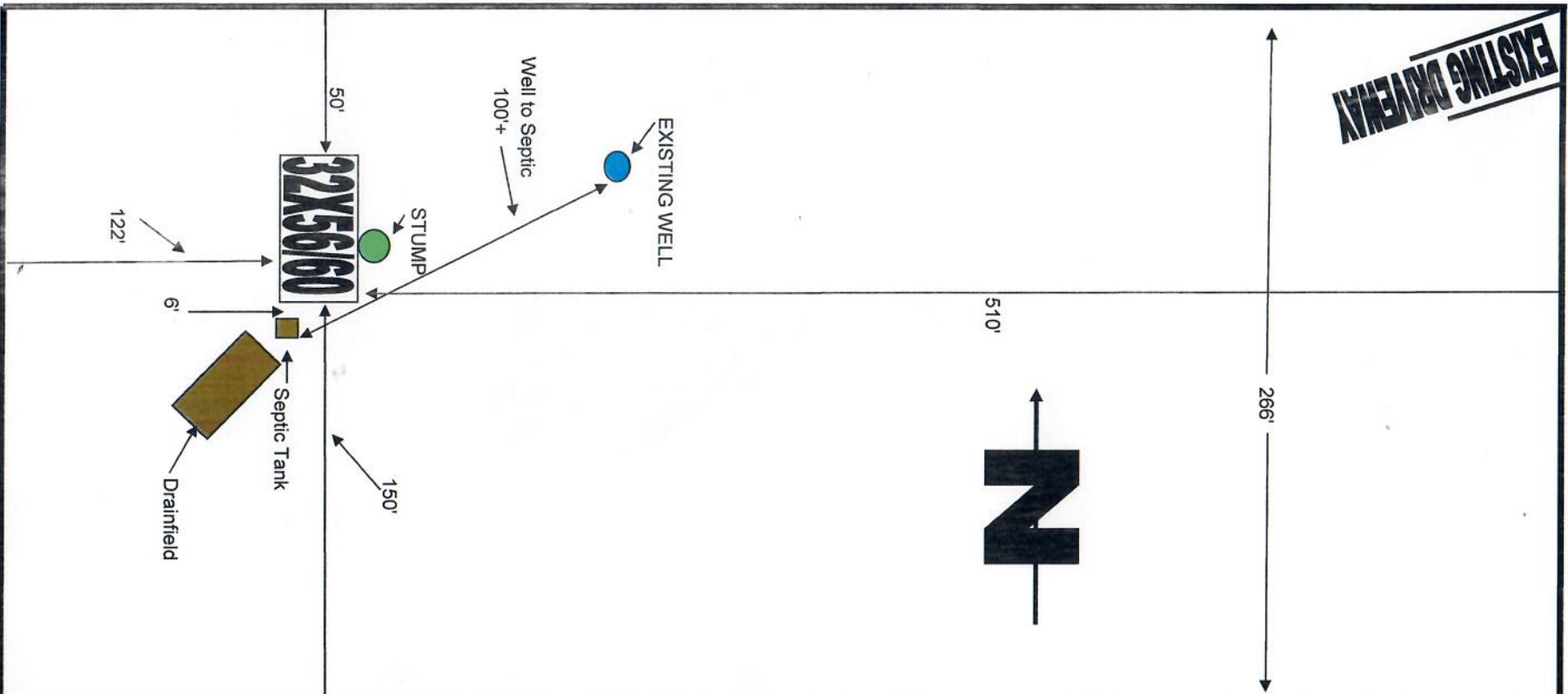
SRWMD
9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:
(800) 226-1066

SITE PLAN BY OTHERS

SE MARINO WAY



BUYER
ACREAGE

DUDLEY, WILLIAM
4.06

PARCEL ID#
DEALER: STARS & STRIPES 386-365-8549

DATE DRAWN

9/13/2025