

ONE FOOT RISE REPORT

Prepared for:

DONALD & CHERYL CARUTHERS

1138 SW RIVERSIDE AVENUE, FORT WHITE

LOT 50 SECTION 1, THREE RIVERS ESTATES

SECTION 26, TOWNSHIP 6 SOUTH, RANGE 15 EAST

COLUMBIA COUNTY, FL

NOVEMBER 20, 2025

Prepared by:

Carol Chadwick, P.E.

307.680.1772

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 FL25538

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PROJECT DESCRIPTION

Mr. and Mrs. Caruthers would like to permit improvements to Lot 50 Section 1, Three Rivers Estates located in Section 26, Township 6 South, Range 15 East, Columbia County, Florida. Property address is 1138 SW Riverside Avenue, Fort White, FL. The parcel number for the property is 00-00-00-00566-000. The permit will be for the construction of a 3500 s.f. residence.

ANALYSIS

The attached SRWMD Flood Report shows the base flood elevation is 33.1. The area of the Zone AE flood plain 100' upstream and 100' downstream is 1886612 s.f. or 43.3 acres. The proposed structure is 0.19 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 20, 2025

ONE FOOT RISE CERTIFICATION

Owner: Donald & Cheryl Caruthers

Property Address: 1138 SW Riverside Avenue
Fort White, FL

Property Description: Lot 50 Section 1, Three Rivers Estates
Section 26, Township 6 South, Range 15 East
Columbia County, Florida

Structure in Floodway: 3500 s.f. Residence

Elevation of 100-year flood: 33.1 feet (SRWMD Flood Report)

Community Panel: 12023C 04583C (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 neither the Ichetucknee River nor the Santa Fe River.

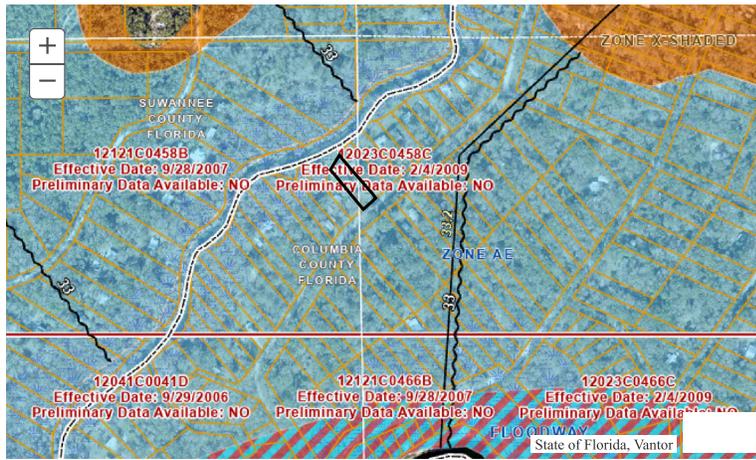
Carol Chadwick, P.E.

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LOCATION MAP

SRWMD FLOOD REPORT

EFFECTIVE FLOOD INFORMATION REPORT

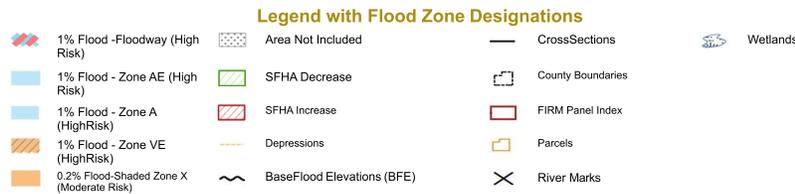


Location Information

County: **COLUMBIA**
 Parcel: **00000000566000**
 Flood Zone: **AE**
 Flood Risk: **HIGH**

1% Annual Chance Base Flood Elev* **33.1 (feet)**
 10% Annual Chance Flood Elev* **27.2 (feet)**
 50% Annual Chance Flood Elev* **21.8 (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



Supplemental Information

| Watershed | Map Effective Date | 2/4/2009 | Special Flood Hazard Area | Yes |
|---------------|--------------------|----------|---------------------------|-----|
| FIRM Panel(s) | 12023C0458C | | | |

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 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.srwmd.state.fl.us>

CONTACT

SRWMD
 9225 County Road 49
 Live Oak, FL 32060

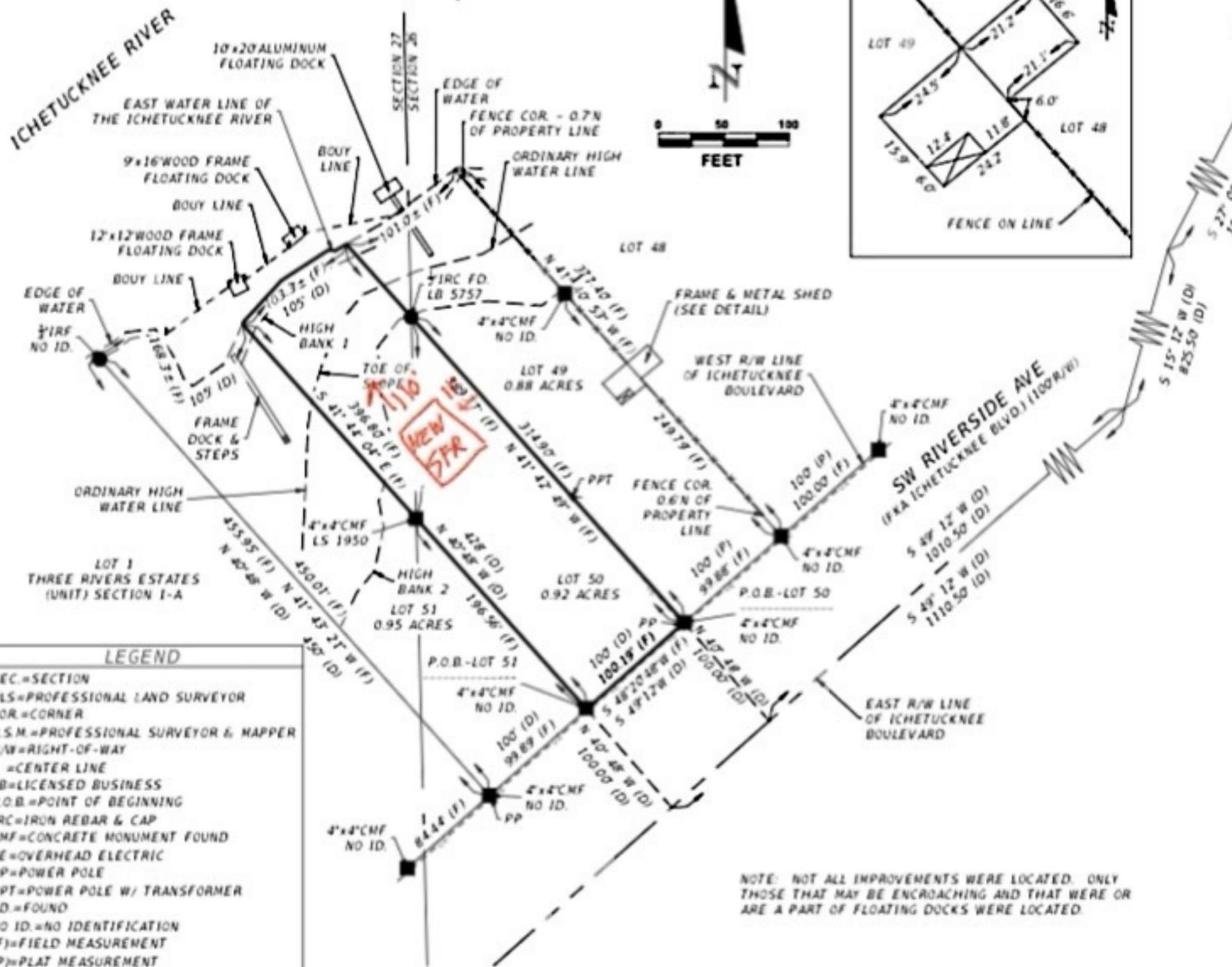
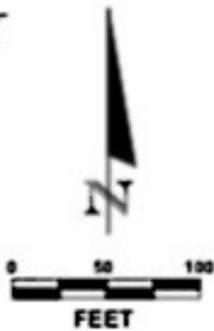
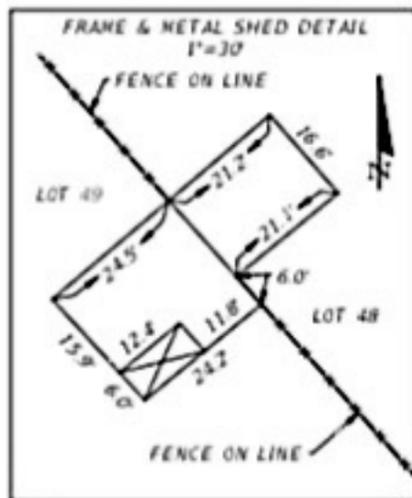
(386) 362-1001

Toll Free:
 (800) 226-1066

SITE PLAN BY OTHERS

BOUNDARY SURVEY

LOT 50, SECTION 1, THREE RIVERS ESTATES, INC.
A SUBDIVISION OF PARTS OF LOTS 1 AND 4, SECTION 23,
AND A PART OF LOT 3, SECTION 26
TOWNSHIP 6 SOUTH, RANGE 15 EAST
COLUMBIA COUNTY, FLORIDA



DESCRIPTION:

Official Records Book 1481, Pages 2017-2018
Lot 50, Section 1, Three Rivers Estates, Inc. a subdivision of parts of Lots 1 and 4, Section 23, and a part of Lot 3, Section 26, Township 6 South, Range 15 East, as recorded in Plat Book 3, Page 53, in the Official Records of Columbia County, Florida.
MORE PARTICULARLY DESCRIBED AS FOLLOWS:
LOTS 50 OF THREE RIVERS ESTATES, SECTION NO. 1, an unrecorded Plat compiled by B.G. Moore, dated February 28, 1956, Columbia County, Florida, being more particularly described as follows:
COMMENCE at the Northeast corner of LOT 4 of the Northeast corner of the SW 1/4 of Section 23, Township 6 South, Range 15 East and run thence N 70°58' W, 345.4 feet to the East right-of-way of Ichetucknee Boulevard; thence run S 32°40' W, along said East line, 1196.9 feet; thence run S 08°21' W, along said East line, 401.6 feet; thence run S 27°08' W, along said East line, 1041.5 feet; thence run S 15°12' W, along said East line, 825.5 feet; thence run S 49°12' W, along said East line, 1010.5 feet; thence run N 40°48' W, on a perpendicular to said East right-of-way line, 100 feet to the West right-of-way of said Ichetucknee Boulevard for a POINT OF BEGINNING; thence run S 49°12' W, along said West right-of-way, 100 feet; thence run N 40°48' W, on a perpendicular to said West right-of-way line, 428 feet, more or less, to the East water line of the Ichetucknee River; thence run Northeasterly along said water line, 105 feet, more or less; thence run S 40°48' E, on a perpendicular to said West right-of-way line, 406 feet, more or less, to the POINT OF BEGINNING. Said lands being a part of LOT 3, Section 26 and LOT 1, Section 27, Township 6 South, Range 15 East, Columbia County, Florida.

NOTES:

- 1.) Monumentation is as shown and designated on the face of the plat.
- 2.) Boundary based on monumentation found in place, instruction by client, and prior survey and subdivision by B.G. Moore, PLS.
- 3.) Bearings based on State Plane Coordinates.
- 4.) Improvements pertinent to survey were located by field ties.
- 5.) Underground encroachments, if present, were not located with this survey.
- 6.) This survey was made without benefit of a title search. There may be additional easements, restrictions, etc. not shown hereon but found in the Public Records. Issues regarding title, land use & zoning, easements & other encumbrances are not a part of the scope of a Boundary Survey and can only be revealed with a title search.
- 7.) Date of field survey completion: June 4, 2025
- 8.) Examination of the Flood Insurance Rate Maps (FIRM) for Columbia County shows that, per said maps, the described parcel lies within Flood Zone "AE", which according to said maps is inside of the 1% chance floodplain [ref: Map No. 12023CD458C]. A base flood elevation of 33.1 feet has been determined.

| LEGEND | |
|---------------------------------------|--|
| SEC.=SECTION | |
| PLS=PROFESSIONAL LAND SURVEYOR | |
| COR.=CORNER | |
| P.S.M.=PROFESSIONAL SURVEYOR & MAPPER | |
| R/W=RIGHT-OF-WAY | |
| CL=CENTER LINE | |
| LB=LICENSED BUSINESS | |
| P.O.B.=POINT OF BEGINNING | |
| IRC=IRON REBAR & CAP | |
| CMF=CONCRETE MONUMENT FOUND | |
| OE=OVERHEAD ELECTRIC | |
| PP=POWER POLE | |
| PPT=POWER POLE W/ TRANSFORMER | |
| FD=FOUND | |
| NO ID.=NO IDENTIFICATION | |
| (F)=FIELD MEASUREMENT | |
| (P)=PLAT MEASUREMENT | |
| (D)=DEED MEASUREMENT | |
| FKA=FORMERLY KNOWN AS | |
| IRF=IRON REBAR FOUND | |



James B Smith

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY JAMES B. SMITH 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.

NORTH FLORIDA PROFESSIONAL SERVICES INC.
P.O. BOX 3823
LAKE CITY, FL 32056
CERTIFICATE OF AUTHORIZATION: 29011
JAMES B. SMITH, P.S.M. NO. 7355

NOTE: NOT ALL IMPROVEMENTS WERE LOCATED. ONLY THOSE THAT MAY BE ENCROACHING AND THAT WERE OR ARE A PART OF FLOATING DOCKS WERE LOCATED.

THE ABOVE NAMED PROFESSIONAL SURVEYOR AND MAPPER SHALL BE RESPONSIBLE FOR THE FOLLOWING SHEETS IN ACCORDANCE WITH RULE 31-17.062, F.A.C.

| REVISIONS | |
|-----------|-------------|
| DATE | DESCRIPTION |
| | |
| | |



NORTH FLORIDA PROFESSIONAL SERVICES, INC.
P.O. BOX 3823
LAKE CITY, FL 32056
PH. 386-752-4675
LIC NO. LB8356
2551 BLAIRSTONE PINES DR.
TALLAHASSEE, FL 32301
WWW.NFPS.NET

JOB NO. L250603CAR
CAR 29011

DONALD & CHERYL CARUTHERS

SHEET NO.