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August 12, 2021

Corey Amira

Amira Builders

14901 Main Street

Alachua, FL 32615

corey.amira@yahoo.com

re: ELEVATION LETTER – 764 SW HEFLIN AVENUE, FORT WHITE, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. The proposed location of the home had been staked. Per the attached SRWMD flood report, the site is not in a flood plain and no wetlands are present. The site naturally drains to the south. The photo shows the building site looking south from the intersection of SW Heflin Avenue and SW Thorne Lane.




Based on the LIDAR on the Columbia County website, the existing road centerline elevation varies from 64.0 +/- and 65.2 +/- . The minimum finished floor elevation of the structure will be 65.40. The finished floor of the home will be below the required elevation of one foot above the adjacent road. A swale shall be graded between the home and the road to prevent any impacts from runoff

I certify that the minimum finished floor elevation listed above will protect the structure against water damage from a base flood event, as defined in Article 8 of the Land Development Regulations.

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

Respectfully,

 Digitally signed
by Carol Chadwick
DN: c=US,
o=Unaffiliated,
ou=A01410D0000
01711349D4A700
01621F, cn=Carol
Chadwick
Date: 2021.08.12
12:52:06 -04'00'

Carol Chadwick, P.E.

S.W. THORNE LANE
OAK AVENUE (PER PLAT) (60' R/W)

PLOT PLAN

LYING IN SECTION 30, TOWNSHIP 7 SOUTH,
RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA

LEGAL DESCRIPTION

LOT 86, OF REPLAT OF LOTS 38, 45 AND
46 OF SANTA FE RIVER PLANTATIONS,
ACCORDING TO THE PLAT THEREOF,
RECORDED IN PLAT BOOK 5, PAGES 13-13D
OF THE PUBLIC RECORDS OF COLUMBIA
COUNTY, FLORIDA.

LEGEND

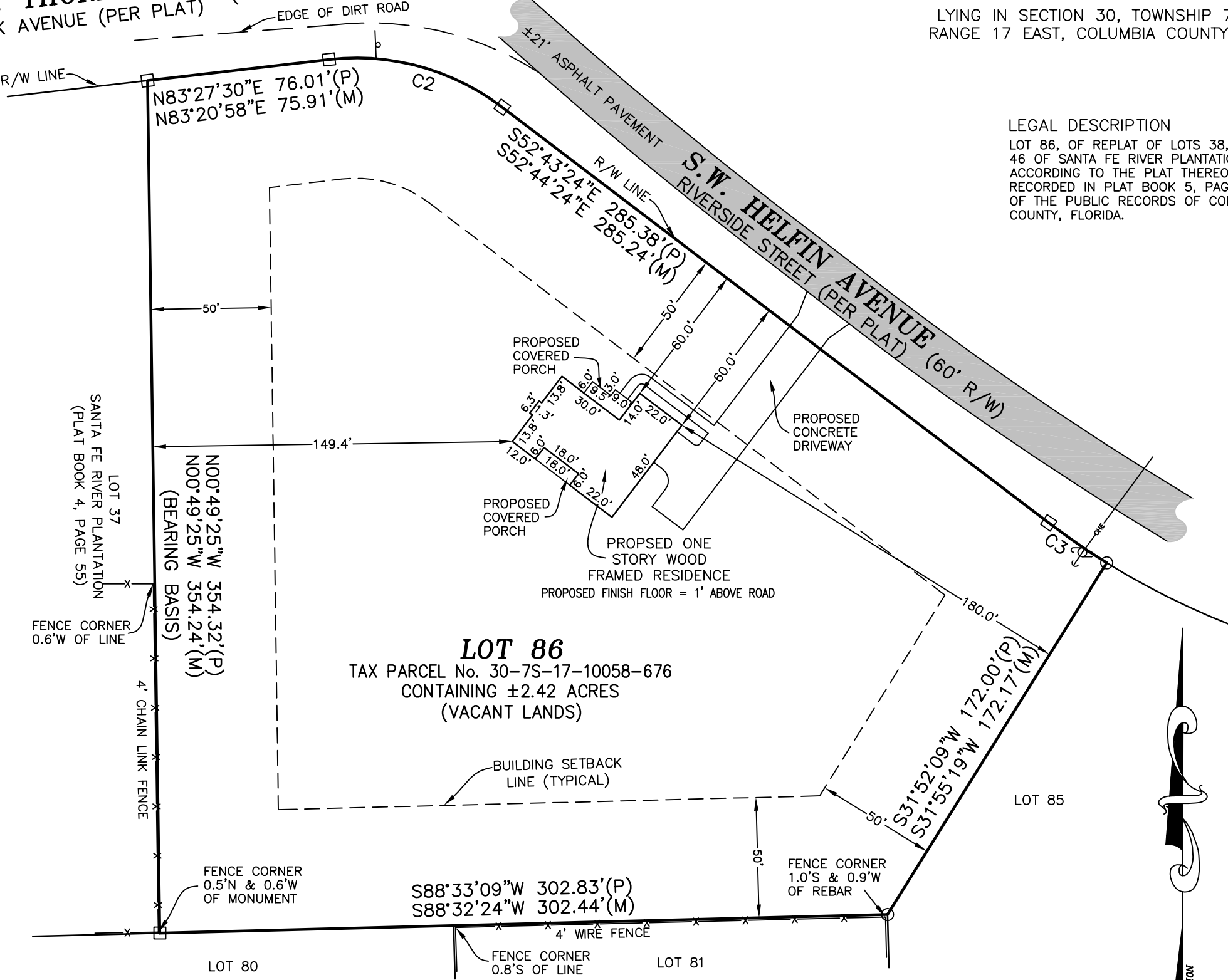
- = FOUND 4"x4" CONCRETE MONUMENT (NO IDENTIFICATION)
- = FOUND 5/8" REBAR (NO IDENTIFICATION)
- (M) = MEASURED
- (P) = PLAT DATA
- R/W = RIGHT OF WAY
- X- = FENCE LINE
- OHE- = OVERHEAD UTILITY LINE
- ⊕ = WOOD POWER POLE
- ⌋ = GUY ANCHOR
- ⌋ = METAL STOP SIGN

FLOOD NOTE:

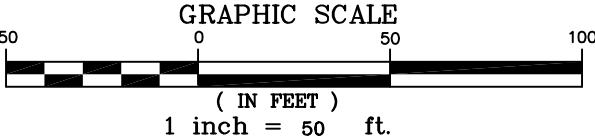
THE SUBJECT PROPERTY LIES WITHIN FLOOD
ZONE X (AREAS DETERMINED TO BE OUTSIDE
THE 0.2% ANNUAL CHANCE FLOODPLAIN) AS
SHOWN ON FLOOD INSURANCE RATE MAP
NUMBER 120023C0532C FOR COLUMBIA
COUNTY, FLORIDA AND INCORPORATED AREAS,
EFFECTIVE DATE FEBRUARY 4, 2009, FOR
COLUMBIA COUNTY, COMMUNITY NUMBER
120070 PANEL NUMBER 0532 SUFFIX C.

SURVEYOR NOTES:

1. THE BEARINGS SHOWN HEREON ARE BASED ON FIELD
MEASUREMENTS PROJECTED FROM AN ASSUMED BEARING OF
N 00°49'25"W, ALONG THE WEST LINE OF THE SUBJECT
PARCEL.
2. NO UNDERGROUND INSTALLATION OF UTILITIES OR
IMPROVEMENTS HAVE BEEN LOCATED EXCEPT AS SHOWN.
3. THE SURVEYOR HAS NO KNOWLEDGE OF UNDERGROUND
FOUNDATIONS WHICH MAY ENCROACH.
4. RECORDED EASEMENT AND/OR DEEDS NOT FURNISHED TO
THE SURVEYOR ARE NOT SHOWN.



CURVE TABLE						
CURVE	LENGTH	RADIUS	DELTA	TANGENT	CHORD	CHORD BEARING
C2(P)	76.48'	100.00'	43°49'12"	40.22'	74.63'	S74°37'57"E
C2(M)	76.49'	100.00'	43°49'23"	40.22'	74.63'	S74°33'59"E
C3(P)	29.26'	310.00'	5°24'29"	14.64'	29.25'	S55°25'38"E
C3(M)	29.28'	310.00'	5°24'42"	14.65'	29.27'	S55°26'53"E



JOB NUMBER:
21-314

SHEET
1 OF 1

FIELD BOOK: SEE FOLDER

DRAFTED: LAF

CHECKED: LAF

SURVEY DATE: 08/27/14

CERTIFIED TO:

AMIRA BUILDERS

FLOWERS SURVEYING
AND MAPPING INC.

207 SE CONDO GLEN
HIGH SPRINGS, FLORIDA 32643

(386) 462-0130

LEIGH ANN FLOWERS

PROFESSIONAL SURVEYOR & MAPPER
FLA. LICENSE NO. 6602

NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF
A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS
TO THIS MAP BY ANYONE OTHER THAN THE SURVEYOR IS PROHIBITED.

I, HEREBY CERTIFY THAT THE SURVEY DATA SHOWN HEREON IS A
TRUE AND CORRECT REPRESENTATION OF THE SURVEYED
LAND AND THE STANDARDS OF PRACTICE AS SET FORTH BY THE FLORIDA
SURVEYING BOARD, AND I AM A MEMBER OF THE FLORIDA
SURVEYING BOARD, AND I AM A LICENSED SURVEYOR AND MAPPER
UNDER THE FLORIDA SURVEYING BOARD, AND I AM A LICENSED
SURVEYOR AND MAPPER UNDER THE FLORIDA SURVEYING BOARD,
AND I AM A LICENSED SURVEYOR AND MAPPER UNDER THE
FLORIDA SURVEYING BOARD, AND I AM A LICENSED SURVEYOR
AND MAPPER UNDER THE FLORIDA SURVEYING BOARD.

SW THORNE LN

SW HEFLIN AVE

70.0

60.0

65.0

55.0

50.0

50.0



EFFECTIVE FLOOD INFORMATION REPORT



Location Information

County: **COLUMBIA**
 Parcel: **30-7S-17-10058-676**
 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)	12023C0532C				

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 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.floodsmart.com). 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