

CAROL CHADWICK, P.E.

*Civil Engineer*

1208 S.W. Fairfax Glen

Lake City, FL 32025

307.680.1772

ccpewyo@gmail.com

www.carolchadwickpe.com

August 2, 2020

Mike Roberts

657 SW Catherine Lane

Lake City, FL

386.755.9476

re: ELEVATION LETTER – 161 SE HOLLY TERRACE, LAKE CITY, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. The foundation location was not staked at the time of the inspection. The photo was taken from the north corner of the lot from SE Holly Terrace looking south-southwest. The topography of the property slopes to the west. Per the SRWMD Flood Report and a survey completed by Britt Surveying and Mapping dated 07/16/2019, a portion of the property is in Zone AH; the BFE elevations listed on each are 103.00 and 103.20, respectively.



The minimum finished floor elevation for a structure constructed on the referenced site is 105.50. The elevation of the road adjacent to the site varies between 105.00 +/- and 107.00 +/- . The existing ground elevation at building site is 105.00 +/- . The finished floor of the home will be at or below the nearest adjacent street. The site will be graded to direct runoff away from the structure to prevent direct precipitation runoff from impacting the home. The driveway shall be constructed with a swale to prevent direct precipitation from impacting the garage.

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.

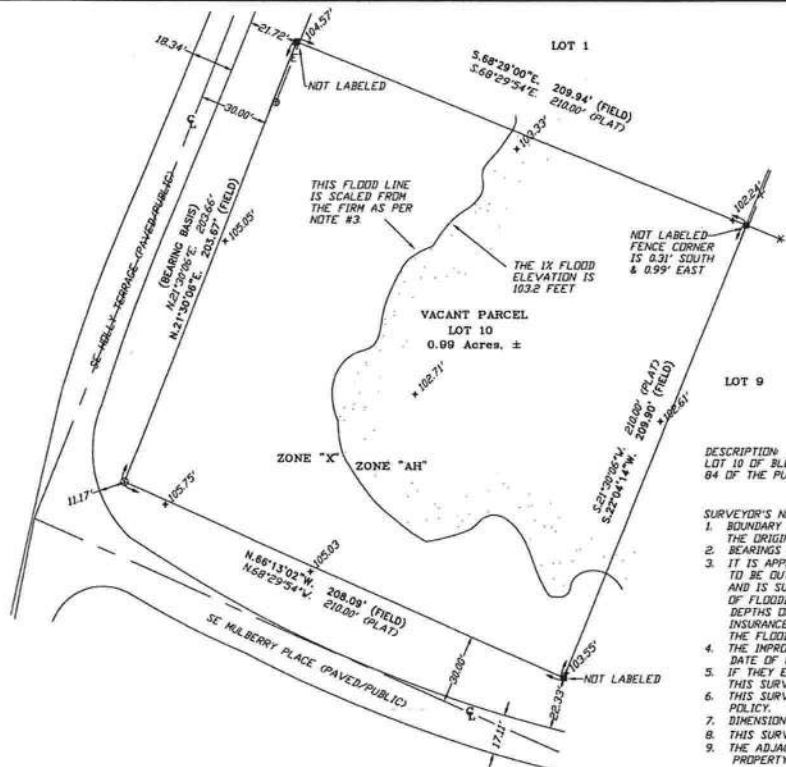
Should you have any questions, please don't hesitate to contact me.

Respectfully,



Carol Chadwick, P.E.

BOUNDARY SURVEY IN SECTION 16, TOWNSHIP 4 SOUTH,  
RANGE 17 EAST,  
COLUMBIA COUNTY, FLORIDA.



SCALE: 1" = 40'



SYMBOL LEGEND:

4"x4" CONCRETE MONUMENT FOUND	4"x4" CONCRETE MONUMENT SET
IRON PIPE FOUND	IRON PIPE AND CAP SET
7" CUT IN PAVEMENT	CALCULATED PROPERTY CORNER
NAIL & DISK	POWER POLE
SPOT ELEVATION	WATER METER
UTILITY BOX	WELL
SANITARY MANHOLE	CENTERLINE
SECTION LINE	ELECTRIC LINES
WIRE FENCE	CHAIN LINK FENCE
WOODEN FENCE	AS PER A PLAT OF RECORD
OKED	AS PER A DEED OF RECORD
OKED	AS PER CALCULATIONS
OKED	AS PER FIELD MEASUREMENTS
P.R.M.	PERMANENT REFERENCE MARKER
P.C.P.	PERMANENT CONTROL POINT

DESCRIPTION:  
LOT 10 OF BLOCK 1 OF ELM ACRES AS PER PLAT THEREOF RECORDED IN PLAT BOOK 3, PAGE 64 OF THE PUBLIC RECORDS OF COLUMBIA COUNTY, FLORIDA.

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND IN ACCORDANCE WITH THE RETRACEMENT OF THE ORIGINAL SURVEY FOR SAID PLAT OF RECORD.
2. BEARINGS ARE BASED ON SAID PLAT OF RECORD AND THE BEARING BASIS SHOWN HEREON.
3. IT IS APPARENT THAT A PORTION OF THIS PARCEL IS IN ZONE "X" AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN. A PORTION OF THIS PARCEL IS IN ZONE "AH" AND IS SUBJECT TO AREAS WITH A 1% ANNUAL CHANCE OF FLOODING AND A 2% CHANCE OF FLOODING OVER THE LIFE OF A 30-YEAR MORTGAGE. USUALLY AREAS OF PONDING WITH DEPTHS OF 1 TO 3 FEET. BASE FLOOD ELEVATIONS ARE DETERMINED AS PER FLOOD INSURANCE RATE MAP, DATED 2 NOVEMBER, 2018 FIRM PANEL NO. 12023C0313D. HOWEVER, THE FLOOD INSURANCE RATE MAPS ARE SUBJECT TO CHANGE.
4. THE IMPROVEMENTS, IF ANY, INDICATED ON THIS SURVEY DRAWING ARE AS LOCATED ON DATE OF FIELD SURVEY AS SHOWN HEREON.
5. IF THEY EXIST, NO UNDERGROUND ENCROACHMENTS AND/OR UTILITIES WERE LOCATED FOR THIS SURVEY EXCEPT AS SHOWN HEREON.
6. THIS SURVEY WAS COMPLETED WITHOUT THE BENEFIT OF A TITLE COMMITMENT OR A TITLE POLICY.
7. DIMENSIONS SHOWN HEREON ARE IN FEET AND DECIMAL PARTS THEREOF.
8. THIS SURVEY DOES NOT REFLECT OR DETERMINE OWNERSHIP.
9. THE ADJACENT OWNERSHIP INFORMATION AS SHOWN HEREON IS BASED ON THE COUNTY PROPERTY APPRAISERS GIS SYSTEM, UNLESS OTHERWISE DENOTED.

CERTIFIED TO:

DENVER DICKS

FIELD BOOK: SEE PAGE(S): FILE

SURVEYOR'S CERTIFICATION

I HEREBY CERTIFY THAT THIS SURVEY WAS MADE UNDER MY RESPONSIBLE CHARGE AND MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 470.07, FLORIDA STATUTES.

7/10/2019

FIELD SURVEY DATE

7/16/2019

DRAWING DATE

BRITT MATT, L.S.M.

CERTIFICATION # 3757

NOTE: UNLESS IT BEARS THE ORIGINAL SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, DETAIL, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.



BRITT SURVEYING  
& MAPPING, LLC

LAND SURVEYORS AND MAPPERS, L.B. # 0016

2086 SW MAIN BLVD, SUITE 112, LAKE CITY, FLORIDA 32825

(386)752-7163 FAX (386)752-3573

www.brittsurveying.com

WORK ORDER # L- 25938



# Suwannee River Water Management District Effective Flood Information Report



## LOCATION

**Date:** 8-2-2020  
**Parcel:** 16-4S-17-08365-000  
**County:** COLUMBIA  
**STR:** S016 T04 R17  
Columbia Flood Hazard Areas Status  
11/2/2018

## FLOOD INFORMATION

**Special Flood Hazard Area?**  
(SFHA): Yes

**Flood Zone(s):** AH

**Floodway:** No

**1% Annual Chance  
Flood Elev (BFE):** 103 (feet)

**10% Annual Chance  
Flood Elev:** Not Available

**50% Annual Chance  
Flood Elev:** Not Available

Note: Elevations are based on NAVD88

**FIRM Panel(s):** 12023C0313D

Effective Flood Zones described on  
Page 2

SFHA - AE w/Floodway  
SFHA - Zones AE, AH, AO

SFHA - Zone VE  
SFHA - Zone A  
0.2% (shaded X)

Wetlands  
FIRM Panel  
State Lands

Counties  
SRWMD  
Parcels

Depressions  
BFE  
Cross Sections

The Federal Emergency Management Agency (FEMA) maintains information about map features, such as street locations and names, in or near designated flood hazard areas. The information herein represents the best available data as of the effective date shown. The applicable Flood Insurance Study and a Digital Flood Insurance Rate Map is available online (<http://www.srwmdfloodreport.com>). To obtain more detailed information in areas where Base Flood Elevations (BFEs) and/or floodways have been determined, users are encouraged to also consult the FEMA Map Service Center at 1-800-358-9616 (<http://www.msc.fema.gov>) for information on available products associated with this FIRM panel. Available products from the Map Service Center may include previously issued Letters of Map Change. Requests to revise flood information in or near designated flood hazard areas may be provided to FEMA during the community review period on preliminary maps, or through the Letter of Map Change process for effective maps.

### 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



