

CAROL CHADWICK, P.E.

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February 1, 2023

Michael Davis

MSD Construction & Contracting, Inc.

352.494.6594

msdconstruction@yahoo.com

re: ELEVATION LETTER – 1280 SW TOMPKINS STREET, LAKE CITY, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. The photo was taken from SW CR Tompkins Street looking south. The topography of the property slopes to the southwest. Per the SRWMD Flood Report, there are no wetlands or floodplains on the site. The attached survey by Daniel & Gore dated January 12, 2018 shows the proposed home location. Per the elevation letter by Daniel & Gore dated January 27, 2023, the form boards of the home are 9.0' lower than the centerline of SW Tompkins Street.



The minimum finished floor elevation shall be 12" above existing adjacent ground for the entire perimeter of the home. The finished floor elevation will be below the required 1' above the adjacent road; however, it is sufficient to protect the home from water damage in a base flood event.

I certify that the minimum finished floor elevation 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=Florida,
dnQualifier=A0141
0D0000017EB6D92
4CE0005954C,
cn=Carol Chadwick
Date: 2023.02.01[®]
14:39:32 -05'00'

Carol Chadwick, P.E.

attachments: SRWMD Flood Report, Survey & Elevation Letter by Daniel & Gore

EFFECTIVE FLOOD INFORMATION REPORT



Location Information

County: **COLUMBIA**
 Parcel: **17-4S-16-03051-000**
 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	11/2/2018	Special Flood Hazard Area	No
FIRM Panel(s)	12023C0290D				

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 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

January 27, 2023

Chance Brooks
1280 SW Tompkins Street
Lake City, FL 32055

Subject: Parcel 03051-013 Elevation Letter

Dear Chance:

Daniel & Gore, LLC has performed a vertical survey on Parcel 03051-013, Columbia County, Florida from an assumed benchmark (for relative elevations only) and have determined the following:

- The form board of the proposed residence on said parcel is 9.0' below the centerline of SW Tompkins Street (said centerline elevation location being at the intersection of the centerline of the easement road to the said parcel and said centerline of SW Tompkins Street.

If you have any questions, please call me.

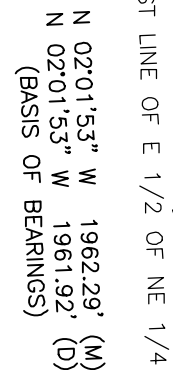
Sincerely,

Scott Daniel, PSM



Professional Surveying and Mapping

426 SW COMMERCE DRIVE
SUITE 130-N
LAKE CITY, FL 32025
Email: sdaniel@dgsurveying.com
LICENSE NO. LB 7683



NOT
A
PART

POC 7
NE CORNER OF
SECTION 17

IN

THE NE 1/4
SECTION 17, TWP 4-S, RNG 16-E
COLUMBIA COUNTY, FLORIDA

DESCRIPTION:

COMMENCE AT THE NORTHEAST CORNER OF SECTION 17, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE S 88°14'46" W, ALONG THE NORTH LINE OF SAID SECTION 17, 437.42 FEET; THENCE S 02°01'53" E, 28.00 FEET TO THE MAINTAINED SOUTH LINE OF TOMPKINS ROAD, A COUNTY MAINTAINED GRADED ROAD, THENCE CONTINUE S 02°01'53" E, 981.79 FEET, TO THE POINT OF BEGINNING; THENCE RUN S 02°01'53" E, 981.79 FEET; THENCE S 88°09'25" W, 900.00 FEET; THENCE RUN N 02°01'53" W, 981.14 FEET; THENCE N 88°08'37" E, 900.00 FEET TO THE POINT OF BEGINNING. CONTAINING 20.28 ACRES, MORE OR LESS.

TOGETHER WITH A 30.00 FOOT EASEMENT FOR INGRESS AND EGRESS BEING 15.00 FEET EACH SIDE OF THE FOLLOWING DESCRIBED LINE.

COMMENCE AT THE NORTHEAST CORNER OF SECTION 17, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA AND RUN THENCE S 88°14'46" W, ALONG THE NORTH LINE OF SAID SECTION 17, 437.42 FEET; THENCE S 02°01'53" E, 28.00 FEET TO THE MAINTAINED SOUTH LINE OF TOMPKINS ROAD, A COUNTY MAINTAINED GRADED ROAD, THENCE RUN S 88°06'08" W, ALONG SAID MAINTAINED SOUTH LINE OF TOMPKINS ROAD, 450.00 FEET TO POINT OF BEGINNING; THENCE RUN S 02°01'53" E, 981.47 FEET TO THE TERMINUS OF SAID LINE.

NOTES:

1. BEARINGS ARE BASED ON THE WEST LINE OF THE E 1/2 OF NE 1/4, BEING N 02°01'53" W, ASSUMED.

2. ONLY THOSE VISIBLE INTERIOR IMPROVEMENTS AND IMPROVEMENTS PERTINENT TO THE SUBJECT PROPERTY HAVE BEEN LOCATED AS SHOWN HEREON. EXCEPTION IS MADE HEREON TO UNDERGROUND FACILITIES AND OTHER IMPROVEMENTS NOT VISIBLE OR KNOWN AT DATE OF SURVEY.

3. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF AN ABSTRACT OR TITLE POLICY. THEREFORE, EXCEPTION IS MADE HEREIN REGARDING EASEMENTS, RESERVATIONS AND RESTRICTIONS OF RECORD NOT PROVIDED BY THE CLIENT.



4. SCALE AND GRAPHIC LOCATION OF FENCES AND UTILITY POLES, IF ANY, MAY BE EXAGGERATED FOR CLARITY.

5. NO ATTEMPT WAS MADE BY THIS SURVEY TO DETERMINE IF THE SUBJECT PROPERTY LIES WITHIN A FLOOD PRONE AREA.

REVISIONS:

12/20/2022 - FORM BOARD LOCATION

LEGEND

- DENOTES 5/8" IRON ROD & CAP SET (LB7683)
● DENOTES IRON PIPE OR REBAR FOUND (5/8")
□ DENOTES 4"x4" CONCRETE MONUMENT SET (LB7683)
■ DENOTES 4"x4" CONCRETE MONUMENT FOUND
⊙ DENOTES NAIL & DISC FOUND
- NO ID - NO IDENTIFICATION
- FND - FOUND
- CM - CONCRETE MONUMENT
- ± - MORE OR LESS
- ORB - OFFICIAL RECORDS BOOK
- PG - PAGE (S)
- (P) - PLAT
- (D) - DEED
- (C) - CALCULATED
- (M) - MEASURED
- AC - ACRE(S)
- POB - POINT OF BEGINNING
- POC - POINT OF COMMENCEMENT
- EOP - EDGE OF PAVEMENT
- EOG - EDGE OF GRADE
- N - NORTH
- E - EAST
- S - SOUTH
- W - WEST
- ⊠ - TELEPHONE PEDESTAL
- PC - POINT OF CURVATURE
PI - POINT OF INTERSECTION
PT - POINT OF TANGENCY
IP - IRON PIPE
IPC - IRON PIPE AND CAP
IR - IRON ROD
IRC - IRON ROD AND CAP
R - RADIUS
T - TANGENT
L - ARC LENGTH
Δ - CENTRAL ANGLE
CH - CHORD BEARING & DISTANCE
RW - RIGHT OF WAY
TWP - TOWNSHIP
RNG - RANGE
X ——— X DENOTES FENCE
E — E DENOTES OVERHEAD ELECTRIC
⊖ - POWER POLE
-  CONCRETE
- SCALE: 1" = 100'
- 0 100 200 300
- 

SCALE: 1" = 100'



SURVEY FOR: CHANCE BROOKS
INTERGRITY TITLE SERVICES

01/12/2018
DATE OF CERTIFICATE

01/06/2018
DATE OF FIELD SURVEY

SURVEY VALID ONLY ON THE DATE OF FIELD SURVEY SHOWN HEREON. NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF THE FLORIDA LICENSED SURVEYOR AND MAPPER.

JOB NUMBER:
210234

APPROVED:
BSD

DRAWN BY:
BSD

FIELD BOOK
:
EFB

SHEET NO.

1 OF 1