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August 22, 2023

Curtis Jones

CJ Custom Carpentry, Inc.

239.571.0699

cjcustomcarpentryinc@gmail.com

re: ELEVATION LETTER – 481 SW LEGION DRIVE, LAKE CITY, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. The topography of the site drains to the east. The attached flood report shows the property is in Zone X.



The minimum finished floor elevation shall be 12" above the adjacent ground for the entire perimeter of the structure. 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=A01
410D0000017EB
6D924CE000595
4C, cn=Carol
Chadwick
Date: 2023.08.22
15:28:52 -04'00'

Carol Chadwick, P.E.

attachment: SRWMD Flood Report, site plan by others

EFFECTIVE FLOOD INFORMATION REPORT



Location Information

County: **COLUMBIA**
Parcel: **164S1603041036**
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.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.fema.gov). 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

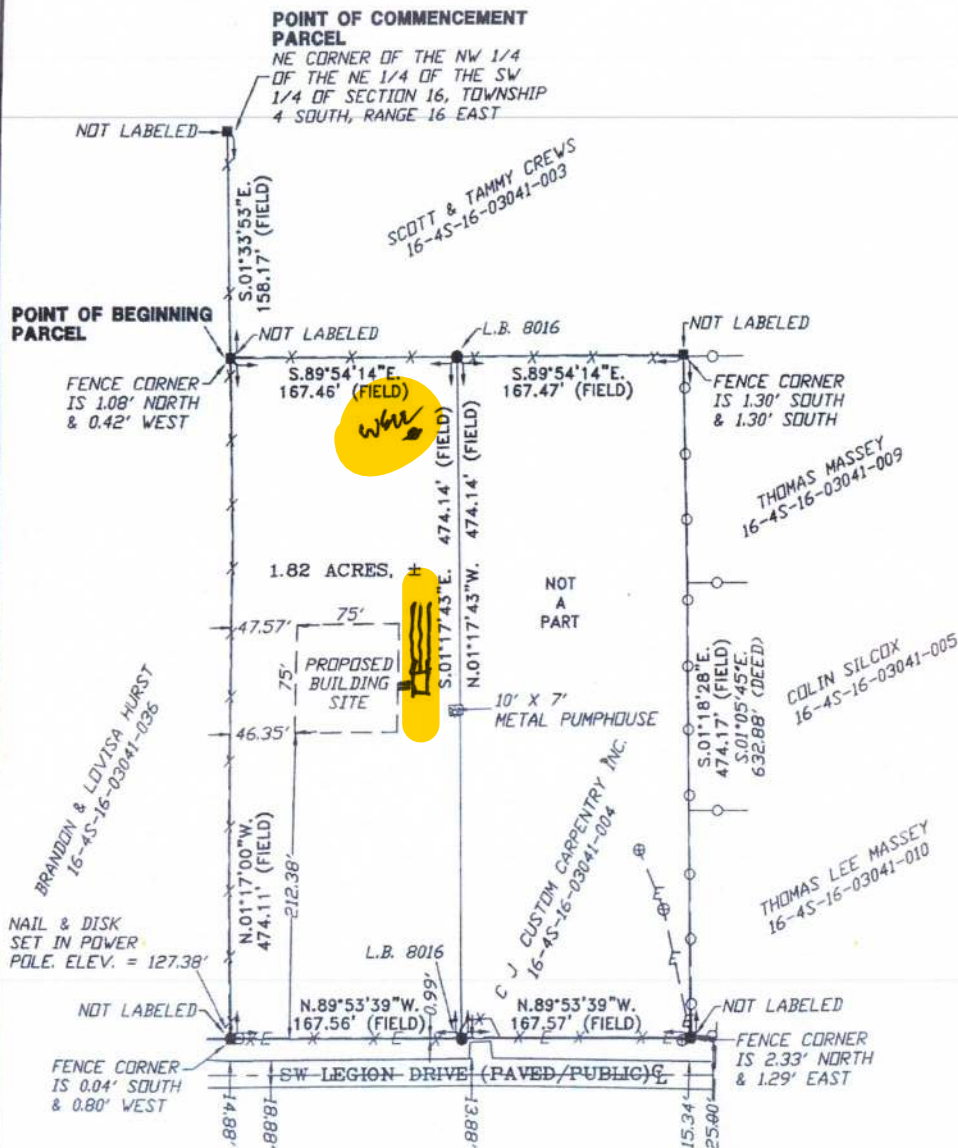
Toll Free:
(800) 226-1066

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

SYMBOL LEGEND:

■ 4"x4" CONCRETE MONUMENT FOUND	⊕ CENTERLINE
□ 4"x4" CONCRETE MONUMENT SET	---E--- ELECTRIC LINES
● IRON PIPE FOUND	---X--- WIRE FENCE
○ IRON PIN AND CAP SET	---O--- CHAIN LINK FENCE
X 'X' CUT IN PAVEMENT	---□--- WOODEN FENCE
+ CALCULATED PROPERTY CORNER	---'--- SECTION LINE
⊙ NAIL & DISK	(PLAT) AS PER A PLAT OF RECORD
⊕ POWER POLE	(DEED) AS PER A DEED OF RECORD
▲ WATER METER	(CALC.) AS PER CALCULATIONS
⊙ UTILITY BOX	(FIELD) AS PER FIELD MEASUREMENTS
* WELL	P.R.M. PERMANENT REFERENCE MARKER
⊕ SANITARY MANHOLE	P.C.P. PERMANENT CONTROL POINT
+ SIGN POST	

SCALE: 1" = 100'



DESCRIPTION:

COMMENCE AT THE NE CORNER OF THE NW 1/4 OF THE NE 1/4 OF THE SW 1/4 OF SECTION 16, TOWNSHIP 4 SOUTH, RANGE 16 EAST, COLUMBIA COUNTY, FLORIDA, THENCE RUN S.01°33'53"E., 158.17 FEET TO THE POINT OF BEGINNING; THENCE S.89°54'14"E., 167.46 FEET; THENCE S.01°17'43"E., 474.14 FEET; THENCE N.89°53'39"W., 167.56 FEET; N.01°17'00"W., 474.11 FEET TO THE POINT OF BEGINNING. CONTAINING 1.82 ACRES MORE OR LESS.

SURVEYOR'S NOTES:

1. BOUNDARY BASED ON MONUMENTATION FOUND.
2. BEARINGS ARE BASED ON AN ASSUMED BEARING OF S.01°18'28"E. ON THE EAST LINE OF PARCEL B.
3. IT IS APPARENT THAT THIS PARCEL IS IN ZONE 'X' AND IS DETERMINED TO BE OUTSIDE THE 500 YEAR FLOOD PLAIN AS PER FLOOD RATE MAP, DATED 4 FEBRUARY, 2009 FIRM PANEL NUMBER 12023C0290D. 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:

CJ CUSTOM CARPENTRY INC.

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 472.027, FLORIDA STATUTES.

05/10/2023 FIELD SURVEY DATE 05/14/2023 DRAWING DATE

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



BRITT SURVEYING
& MAPPING, LLC

LAND SURVEYORS AND MAPPERS, L.B. # 8016
1438 SW MAIN BLVD, LAKE CITY, FLORIDA 32025
(386)752-7163 FAX (386)752-5573
www.brittsurveying.com
WORK ORDER # L- 29500

FIELD BOOK: 389 PAGE(S): 23