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December 9, 2022

Mark Bauer

Gibraltar Contracting

gibraltarcontracting@gmail.com

re: ELEVATION LETTER – 1780 SW BETHLEHEM AVENUE, FORT WHITE, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. A mobile home is presently at the location of the proposed conventionally framed home. The site naturally drains to the south and west away from the structure. The photo was taken SW Bethlehem Avenue looking west. Per the attached SRWMD Flood Report, some floodplains and wetlands are located on the property; however, the home will not be constructed near any. Site plan by Flowers Surveying and Mapping, Inc. is attached.



The finished floor elevation for the proposed structure shall be a minimum of 1.0' above the highest existing ground elevation. The finished floor of the home will be at or below the nearest adjacent street.

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,

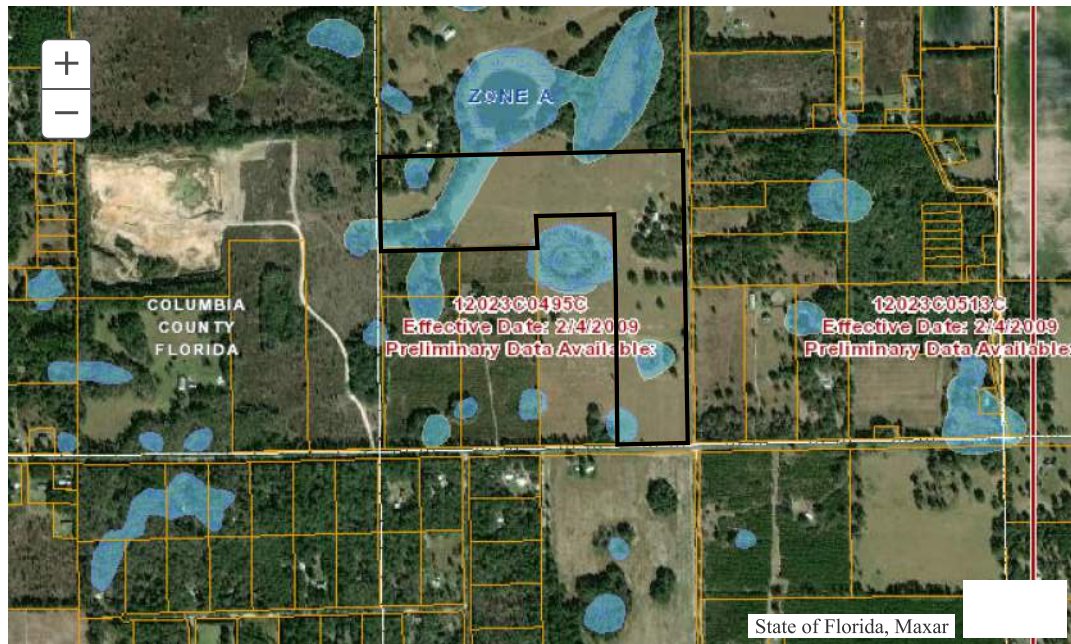


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Carol Chadwick
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cn=Carol Chadwick
Date: 2022.12.09 ③
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Carol Chadwick, P.E.

attachments: SRWMD Flood Report & Site plan by Flowers Surveying and Mapping, Inc

EFFECTIVE FLOOD INFORMATION REPORT



Location Information

County: **COLUMBIA**
 Parcel: **08-7S-17-09952-000**
 Flood Zone: **A, X**
 Flood Risk: **HIGH**

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	Yes
FIRM Panel(s)	12023C0495C				

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

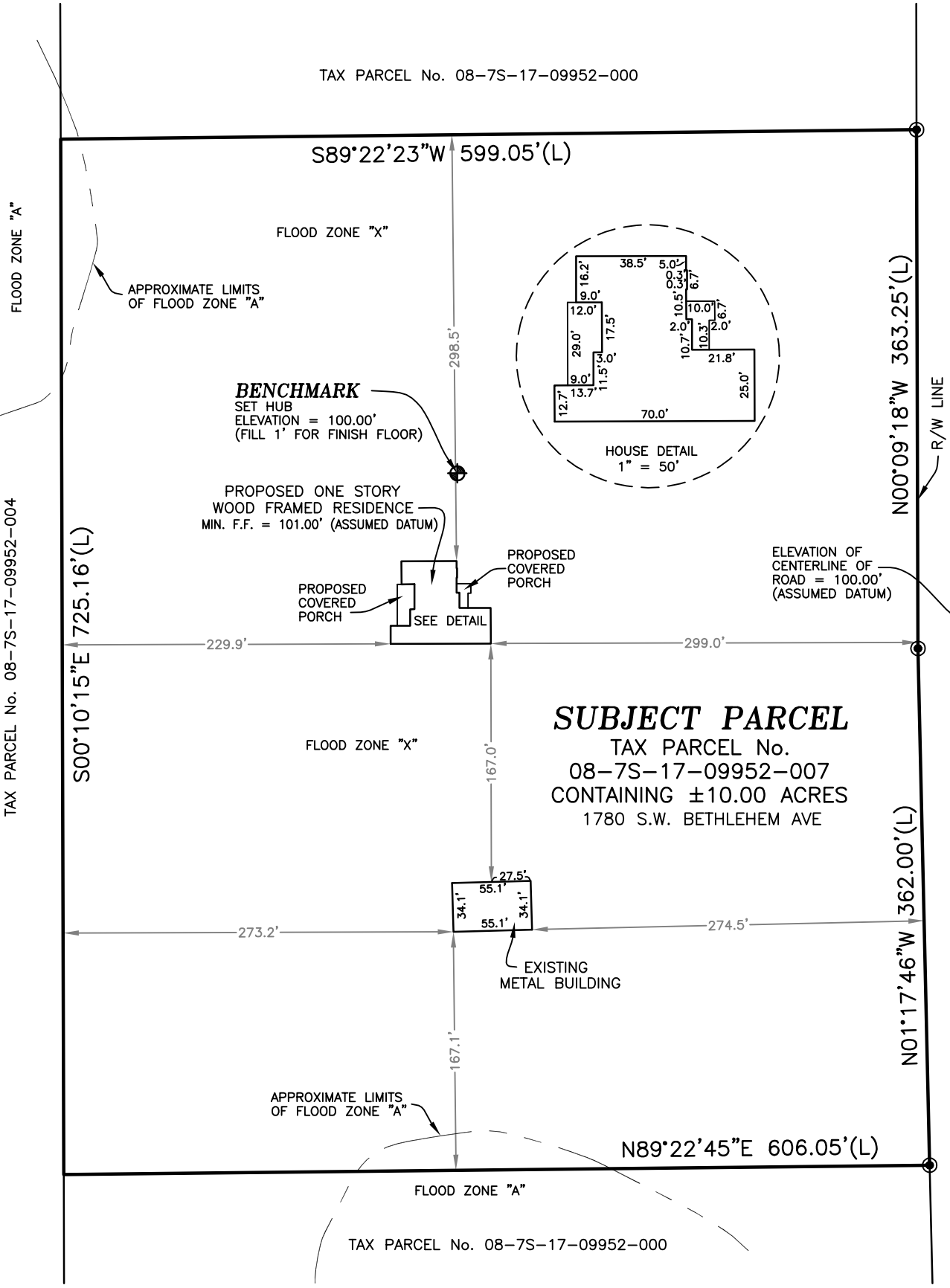
Toll Free:
(800) 226-1066

LEGAL DESCRIPTION (O.R. 1467, PAGE 2567)
PART OF THE EAST 1/2 OF THE EAST 1/2 OF THE SW 1/4 OF SECTION 8, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT A NAIL AND DISC. LS 4929 MARKING THE SE CORNER OF THE SW 1/4 OF SECTION 8, TOWNSHIP 7 SOUTH, RANGE 17 EAST, COLUMBIA COUNTY, FLORIDA, AND THENCE S89°22'24"W., ALONG THE SOUTH LINE OF SAID SW 1/4 AND THE NORTH RIGHT-OF-WAY LINE OF SW COUNTY ROAD NO. 778, A DISTANCE OF 36.00 FEET TO A 5/8" IRON ROD, LS 4708, ON THE WEST RIGHT-OF-WAY LINE OF SW BETHLEHEM AVENUE; THENCE N.01°17'46"W., ALONG THE MONUMENTED WEST RIGHT-OF-WAY LINE OF SW BETHLEHEM AVENUE, 842.97 FEET TO A 5/8" IRON ROD, LS 4708 AND THE POINT OF BEGINNING OF THE HEREIN DESCRIBED LANDS; THENCE CONTINUE N01°17'46"W., STILL ALONG SAID RIGHT-OF-WAY-LINE, 362.00 FEET TO A 5/8" IRON ROD, LS 4708, MARKING A BEND IN SAID RIGHT-OF-WAY LINE; THENCE N.00°09'18"W., STILL ALONG SAID RIGHT-OF-WAY LINE, 363.25 FEET TO A 5/8" IRON ROD, LS 4708; THENCE S.89°22'23"W., DEPARTING SAID RIGHT-OF-WAY LINE, 599.05 FEET TO A 5/8" IRON ROD, LS 4708, ON THE WEST LINE OF THE EAST 1/2 OF THE EAST 1/2 OF SAID SW 1/4; THENCE S00°10'15"E., ALONG SAID WEST LINE, 725.16 FEET TO A 5/8" IRON ROD, LS 4708; THENCE N.89°22'45"E., 606.05 FEET TO THE POINT OF BEGINNING.

FLOOD NOTE:
THE SUBJECT PROPERTY LIES WITHIN FLOOD ZONE X (AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN) AND FLOOD ZONE A (SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD, BASE FLOOD ELEVATION NOT DETERMINED) AS SHOWN ON FLOOD INSURANCE RATE MAP NUMBER 12001C0495C FOR COLUMBIA COUNTY, FLORIDA, EFFECTIVE DATE FEBRUARY 4, 2009, FOR COLUMBIA COUNTY UNINCORPORATED AREAS, COMMUNITY NUMBER 120070 PANEL NUMBER 0495 SUFFIX C.

- SURVEYOR NOTES:
1. THE BEARINGS SHOWN HEREON ARE BASED THE LEGAL DESCRIPTION OF RECORD.
 2. RECORDED EASEMENT AND/OR DEEDS NOT FURNISHED TO THE SURVEYOR ARE NOT SHOWN.
 3. ELEVATIONS SHOWN HEREON ARE ON AN ASSUMED DATUM, BASED ON THE CENTERLINE OF BETHLEHEM AVENUE, HAVING AN ELEVATION OF 100.00'.
 4. THIS IS NOT A BOUNDARY SURVEY

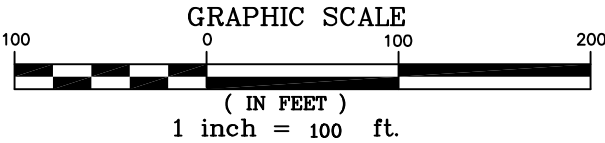


PLOT PLAN

LYING IN SECTION 8, TOWNSHIP 7 SOUTH, RANGE 17 EAST,
COLUMBIA COUNTY, FLORIDA
THIS IS NOT A BOUNDARY SURVEY

LEGEND
(L) = LEGAL DESCRIPTION DATA
R/W = RIGHT OF WAY
MIN. F.F. = MINIMUM FINISH FLOOR

S.W. BETHLEHEM AVENUE



FIELD BOOK: SEE FOLDER	JOB NUMBER: 22-340	SHEET 1 OF 1
DRAFTED: LAF	CHECKED: LAF	SURVEY DATE: 11/16/22
CERTIFIED TO: SCOTT L. HAGAN and MICHELLE HAGAN GIBBALTAR CONTRACTING		
FLOWERS SURVEYING AND MAPPING INC. 207 SE CONDOIR 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 PASED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER. ADDITIONS OR DELETIONS TO THIS MAP BY ANYONE OTHER THAN THIS SURVEYOR IS PROHIBITED. I HEREBY CERTIFY THAT THE SURVEY DATA SHOWN HEREON IS A TRUE AND ACCURATE REPRESENTATION OF THE SURVEYED PROPERTY AND IT MEETS THE MINIMUM TECHNICAL STANDARDS AS SET FORTH BY THE FLORIDA SURVEYING AND MAPPING ACT, CHAPTER 17, FLORIDA STATUTES, AND CHAPTER 17, FLORIDA ADMINISTRATIVE CODE.		