CAROL CHADWICK, P.E.

Civil Engineer

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January 12, 2022

Stuart Amira
Amira Builders
14901 Main Street
Alachua, FL 32615
amirabuilders@aol.com

re: ELEVATION LETTER - 100 SW SUGAR BEAR GLEN, 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 and a building pad was being constructed. Per the attached SRWMD flood report, the site is not in a flood plain and no wetlands are present. The stie naturally drains to the southeast. Photo I shows the driveway looking north and photo 2 shows the building site looking south.





Based on the attached survey by Stonecypher Survey, Inc. dated November 29, 2021, the existing road centerline elevation varies from 62.3 to 55.7. The highest existing elevation at the building site is 60.2. The minimum finished floor elevation of the structure will be 61.20. The finished floor of the home will be below the required elevation of one foot above the adjacent road.

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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: 2022.01.12 17:48:03 -05'00'

Carol Chadwick, P.E.

attachment: SRWMD Flood Report \$ survey by Stonecypher Surveying, Inc.

EFFECTIVE FLOOD INFORMATION REPORT



Location Information

County: COLUMBIA

Parcel: **02-6S-15-00504-106**

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 Design	nations				
200	1% Flood -Floodway (High Risk)		Area Not Included	_		آيد	Wetlands		
	1% Flood - Zone AE (High Risk)		SFHA Decrease		County Boundaries			Anywhere it can rain, it can flood	
	1% Flood - Zone A (HighRisk)		SFHA Increase		FIRM Panel Index			-	Know your risk.
	1% Flood - Zone VE (HighRisk)		Depressions		Parcels				
	0.2% Flood-Shaded Zone X (Moderate Risk)	~~	BaseFlood Elevations (BFE)	×	River Marks			SHWANNEE	www.srwmdfloodreport.com
Supplemental Information								RIVER	
Waters	shed Santa Fe		Map Effective Date	2/4/2009	Special Flood Hazard Are	ea	No	MANAGEMENT DIST	
FIRM Panel(12023C04600	2							

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. 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.

Α

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.

AΗ

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

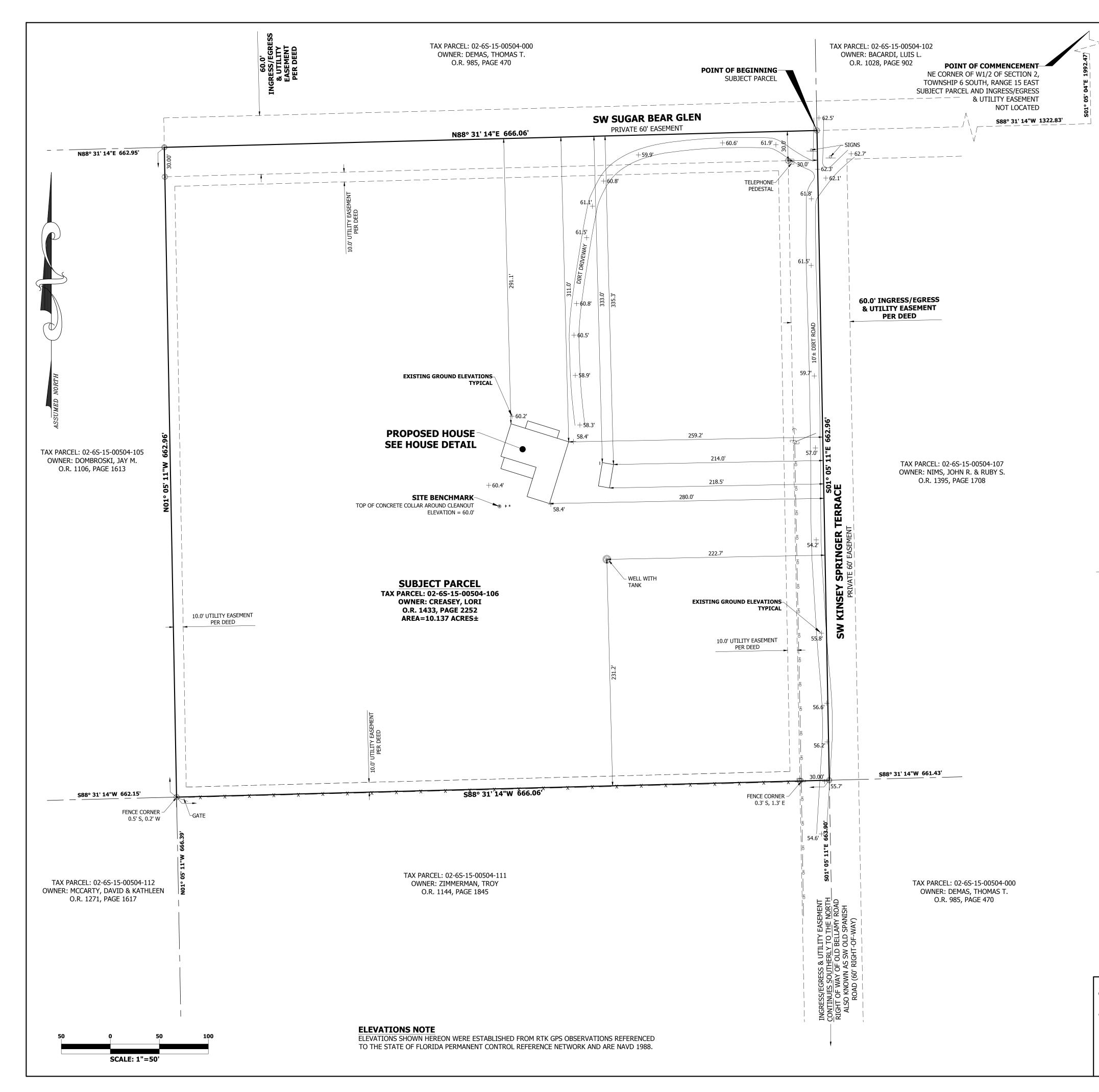
CONTACT

SRWMD 9225 County Road 49 Live Oak, FL 32060

(386) 362-1001

Toll Free: (800) 226-1066

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SUBJECT PARCEL LEGAL DESCRIPTION

LOT 6, SOUTHLAND TRAILS UNRECORDED

A PARCEL OF LAND LYING IN SECTION 2, TOWNSHIP 6 SOUTH, RANGE 15 EAST, COLUMBIA COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE WEST 1/2 OF SAID SECTION 21; THENCE RUN S01° 05' 04"E, FOR A DISTANCE OF 1992.47 FEET TO A SET 1/2" IRON ROD, STAMPED L.B. 6894; THENCE RUN S88° 31' 14"W, FOR A DISTANCE OF 1322.83 FEET TO A SET 1/2" IRON ROD, STAMPED L.B. 6894 AND THE POINT OF BEGINNING; THENCE S01° 05' 11"S, FOR A DISTANCE OF 662.96 FEET TO A SET 1/2" IRON ROD, STAMPED L.B. 6894; THENCE RUN S88° 31' 14"W, FOR A DISTANCE OF 666.06 FEET TO A SET 1/2" IRON ROD, STAMPED L.B. 6894; THENCE RUN N88° 31' 14"E, FOR A DISTANCE OF 666.06 FEET TO THE POINT OF BEGINNING.

TOGETHER WITH AND SUBJECT TO AN EASEMENT FOR INGRESS, EGRESS AND PUBLIC UTILITIES BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCE AT THE NORTHEAST CORNER OF THE WEST 1/2 OF SAID SECTION 21; THENCE S01° 05' 06"E, FOR A DISTANCE OF 3988.43 FEET TO A CONCRETE MONUMENT, STAMPED L.B. 2392; THENCE S88° 39' 46"W, FOR A DISTANCE OF 1322.79 FEET TO A CONCRETE MONUMENT, STAMPED L.B. 2392 FEET AND THE POINT OF BEGINNING; THENCE S88° 54' 49"W, FOR A DISTANCE OF 30.00 FEET; THENCE N01° 05' 11"W, FOR A DISTANCE OF 636.06 FEET; THENCE N01° 05' 11"W, FOR A DISTANCE OF 636.06 FEET; THENCE N01° 05' 11"W, FOR A DISTANCE OF 636.06 FEET; THENCE N01° 05' 11"W, FOR A DISTANCE OF 636.06 FEET; THENCE N01° 05' 11"W, FOR A DISTANCE OF 60.00 FEET; THENCE S88° 31' 14"E, FOR A DISTANCE OF 1327.48 FEET; THENCE S01° 05' 11"E, FOR A DISTANCE OF 60.00 FEET; THENCE S88° 31' 14"W, FOR A DISTANCE OF 631.43 FEET; THENCE S01° 05' 11"E, FOR A DISTANCE OF 1266.35 FEET; THENCE N88° 31' 14"E, FOR A DISTANCE OF 631.43 FEET; THENCE S01° 05' 11"E, FOR A DISTANCE OF 631.43 FEET; THENCE S01° 05' 11"E, FOR A DISTANCE OF 631.43 FEET; THENCE S01° 05' 11"E, FOR A DISTANCE OF 631.43 FEET; THENCE S01° 05' 11"E, FOR A DISTANCE OF 1337.83 FEET TO THE NORTH RIGHT-OF-WAY LINE OF OLD BELLAMY ROAD (60' R/W); THENCE ALONG SAID RIGHT-OF-WAY LINE S87° 54' 25"W, FOR A DISTANCE OF 59.86 FEET; THENCE N01° 05' 16"W, FOR A DISTANCE OF 1308.62 FEET TO THE POINT OF BEGINNING.

ALSO SUBJECT TO: ALL LOTS SUBJECT TO A 10 FOOT WIDE PUBLIC UTILITY EASEMENT PARALLEL WITH AND ALL LOT LINES AND INGRESS & EGRESS EASEMENTS.

SURVEYOR'S NOTES

1. BEARINGS SHOWN HEREON ARE ASSUMED AND REFERENCED TO THE NORTH LINE OF THE SUBJECT PARCEL DEPICTED HEREON AS BEARING N88° 31' 14"E.

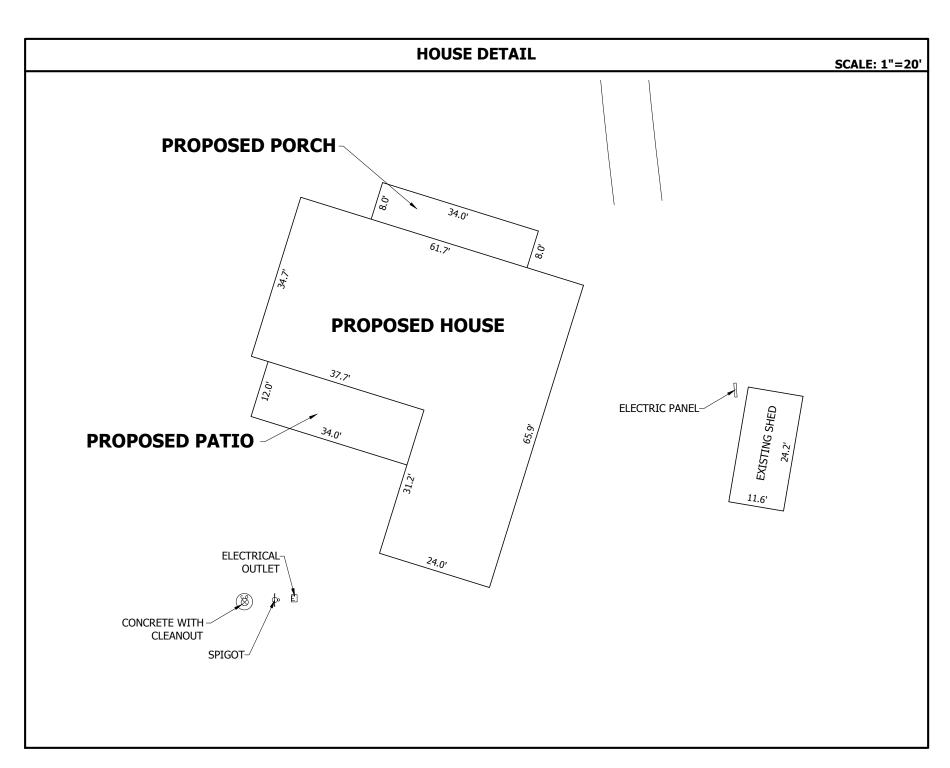
- 2. THE BOUNDARY SURVEY SHOWN HEREON IS BASED ON ACTUAL FIELD MEASUREMENTS AND OBSERVATIONS DATED NOVEMBER 29, 2021.
- 3. THIS SURVEY MAP OR THE COPIES THEREOF ARE NOT VALID WITHOUT THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER.
- 4. PROPERTY TIES ARE PERPENDICULAR MEASURE UNLESS OTHERWISE NOTED.
- 5. MEASURED BEARINGS AND DISTANCES WERE IN SUBSTANTIAL AGREEMENT WITH RECORD DATA UNLESS OTHERWISE NOTED.
- 6. THE PROPERTY ADDRESS OF THE SUBJECT PARCEL IS: 166 SW SUGAR BEAR GLEN, FORT WHITE, FL 32038.
- 7. 60 FOOT INGRESS/EGRESS & UTILITY EASEMENT CONTINUES SOUTHERLY TO THE NORTH RIGHT-OF-WAY LINE OF OLD BELLAMY ROAD (60' RIGHT-OF-WAY) AND IS NOT FULLY SHOWN ON THE MAP HEREON.
- 8. THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TITLE SEARCH.

FLOOD ZONE NOTE

THE HEREON DESCRIBED SUBJECT PARCEL APPEARS TO LIE IN FLOOD ZONE X BASED ON THE FEDERAL EMERGENCY MANAGEMENT ACT FIRM, COMMUNITY PANEL MAP NUMBER 12023C0460C DATED FEBRUARY 04, 2009.

LEGEND

- INDICATES 1/2" REBAR FOUND NO CAP & NO IDENTIFICATION
- ⊗ INDICATES 1/2" REBAR & CAP FOUND STAMPED PSM 5582
- O.R. INDICATES OFFICIAL RECORDS BOOK
- (D) INDICATES PLAT DATA WHEN DIFFERENT THAN MEASURED
- __ × __ INDICATES 4' WIRE FENCE



STONECYPHER DRAWN MRJ CHECKED DWS DAVID W. STONECYPHER PROFESSIONAL SURVEYOR & MAPPER FLA. LICENSE NO. 6391 PROJECT # 21-0	,							
SURVEYING INC. CHECKED DWS PROFESSIONAL SURVEYOR & MAPPER FLA. LICENSE NO. 6391 PROJECT # 21-0)154							
1225 NIM 16TH AVENUE CAINEGUELE ELODIDA 22601								
1225 NW 16TH AVENUE GAINESVILLE, FLORIDA 32601 Tel.: (352) 379-0948 Email: dws@stone-survey.com WWW.STONE-SURVEY.COM BOUNDARY SURVEY OF COLUMBIA COUNTY TAX PARCEL: 02-6S-15-00504-106 PORTION OF SECTION 2, TOWNSHIP 6 SOUTH, RANGE 15 EAST								
Professional Surveying & Mapping Certificate of Authorization No.: LB 7810 DRAWING # Creasey.survey.dwg	1 OF 1							