

CES

Crews Engineering Services, LLC

(Permit # 30616)

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Crews Engineering Services, LLC

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Finish Floor Elevation Recommendation

Flour Height Letter

For: Doug Edgley
Edgley Construction Company
590 SW Arlington Blvd, Suite 113
Lake City, Florida 32025

Parcel Number: 17-3S-16-02168-101

Description of Project:

The project is located on 3.74 acres off of NW Blackberry Cir in Columbia County, FL. The owner is proposing to construct a site build home +/-80 feet from NW Blackberry Cir.

Existing Conditions:

A site visit was conducted on 11-26-2012 to the project site.

The topography of the property is such that the land slopes away from NW Blackberry Cir to an existing low area +/-500' east of the project.

Recommendation:

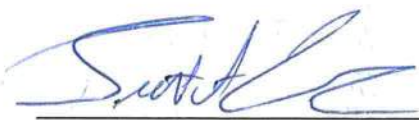
Although the proposed building location is lower than the nearest road, there is adequate drainage to avoid damage from storm water runoff if the finish floor is not set one foot above.

The proposed building shall be protected from storm water runoff.

The finish floor elevation of the new building shall be set as discussed during our on-site meeting (+/-5.5' below the crown of NW Blackberry Cir at the building location). The area around the proposed structure shall be graded such as to convey all storm water runoff away from and around the proposed structure.

The above recommendation is based on the structure's location as described above.

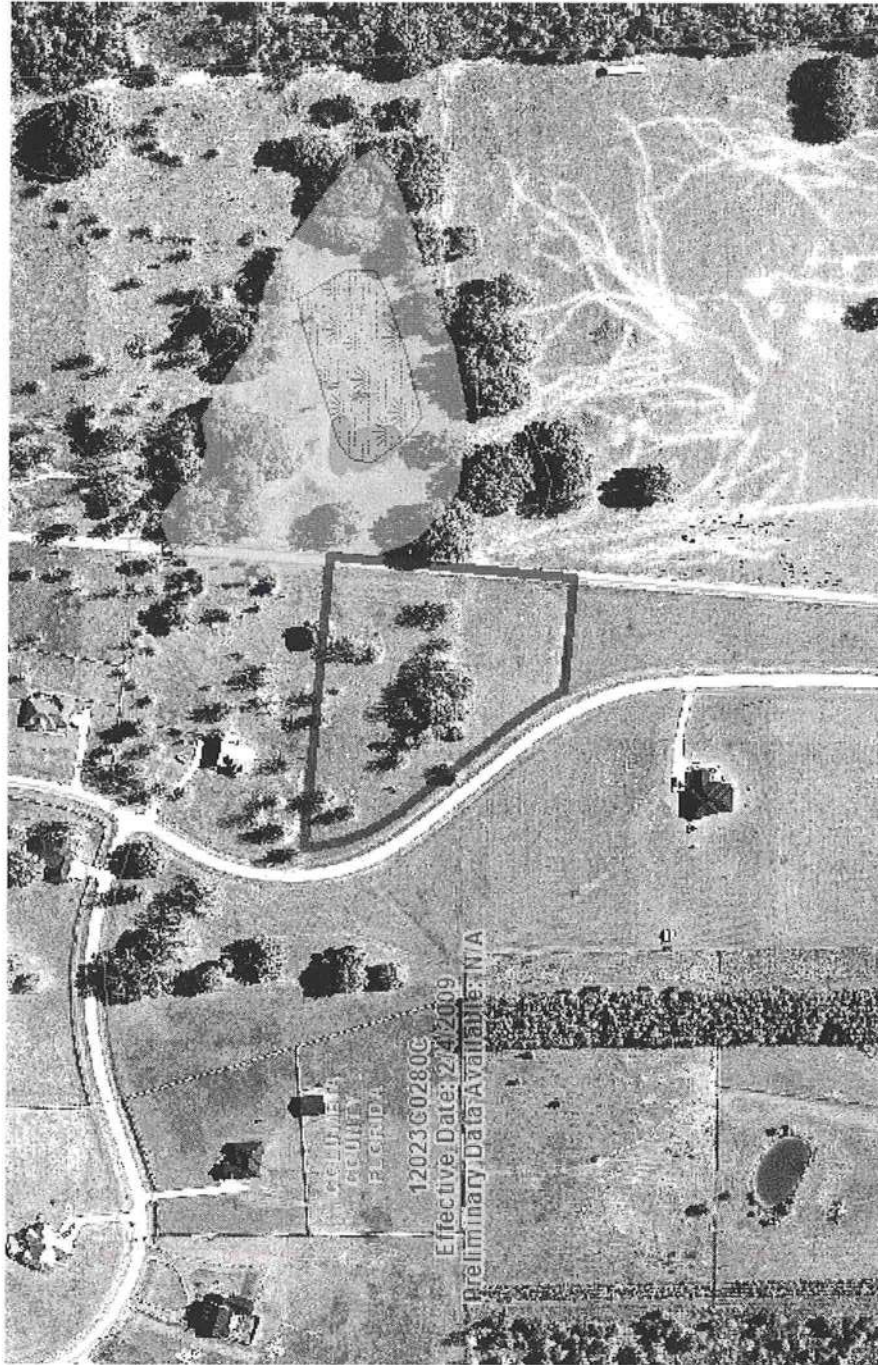
No topographical survey was used.

 11-27-2012

Brett A. Crews, P.E. 65592



Suwannee River Water Management District Effective Flood Information Report



LOCATION

Date: 11-26-2012
Parcel: 17-3S-16-02168-101
County: Columbia
STR: S017 T03 R16
Columbia Flood Hazard Areas Status: Effective: 02/04/2009

FLOOD INFORMATION

FIRM Panel(s): 12023C0280C

Parcel In Special Flood Hazard Area? (SFHA): Yes
Flood Zone(s): A
1% Annual Chance Flood Elev (BFE): Not Available
Floodway: No
10% Annual Chance Flood Elev: Not Available
50% Annual Chance Flood Elev: Not Available

Note: Elevations are based on NAVD88

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>

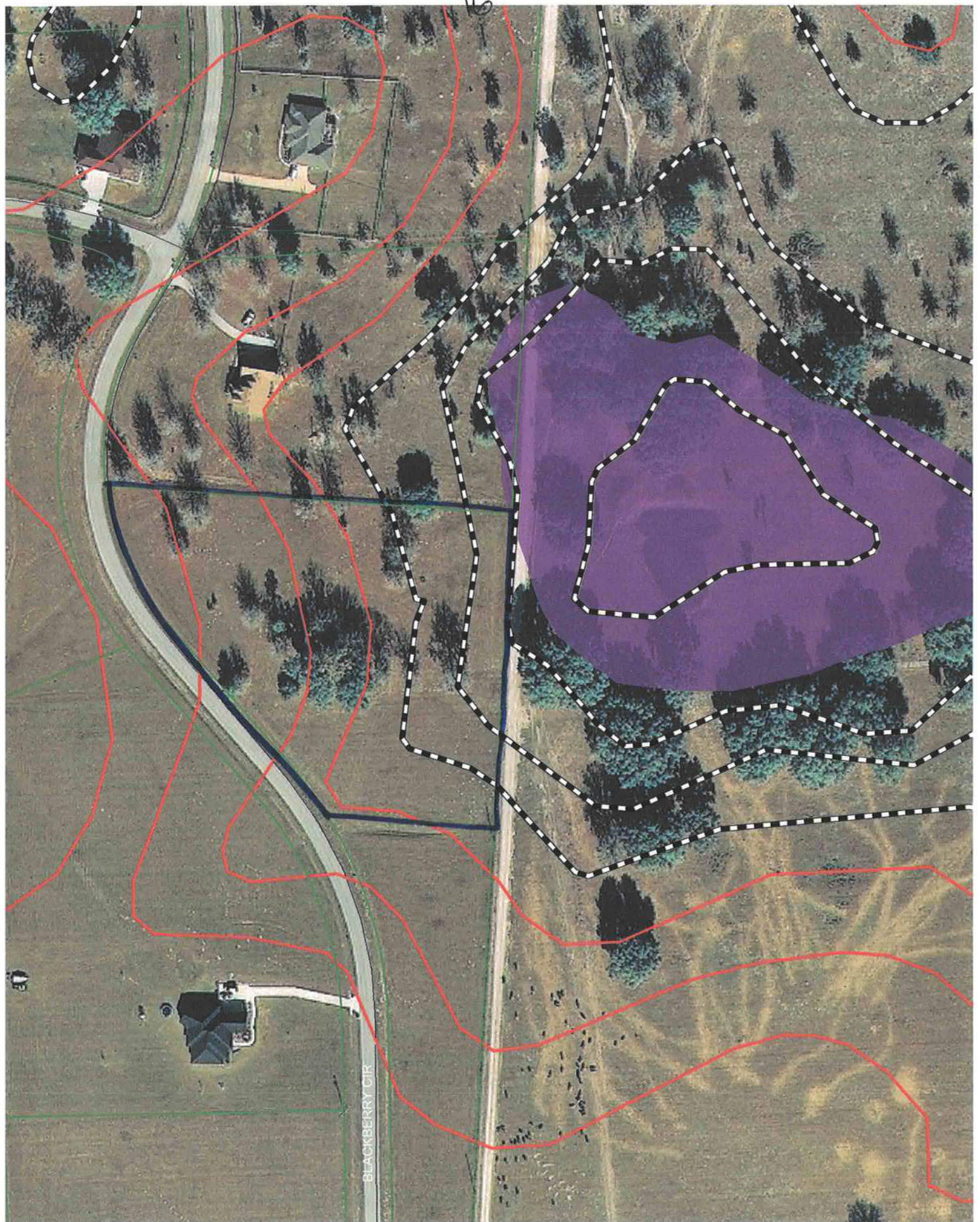
CONTACT

SRWMD

9225 County Road 49
Live Oak, FL 32060

(386) 362-1001

Toll Free:
(800) 226-1066



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