

CAROL CHADWICK, P.E.

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July 12, 2022

Trent Giebeig

Trent Giebeig Construction, Inc.

trentgiebeigconstruction@gmail.com

re: ELEVATION LETTER – 157 SW ERSKINE COURT, LAKE CITY, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. The footing and stem wall had been constructed at the time of the inspection. The photo shows the building looking north.



Per Columbia County LIDAR data, the road elevation at the center of the cul de sac is 100.5+/- . The natural ground elevation of the building site is 98.1 +/- . The minimum finished

floor elevation of the structure shall be 100.20. The finished floor of the home will be below the required elevation of one foot above the adjacent road.

A swale will be graded between the street and the home to prevent stormwater runoff from impacting the home. The topography of the lot naturally slopes to the north. The stormwater basin located north of the pond has a 100-year maximum elevation of 95.1, per the attached plan. The finished floor elevation of the home will protect the structure from flooding if the basin reaches its critical elevation.

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=Florida,
dnQualifier=A0141
0D0000017EB6D92
4CE0005954C,
cn=Carol Chadwick
Date: 2022.07.12
16:44:07 -04'00'

Carol Chadwick, P.E.

Attachments: Stormwater Basin Plan

1" = 50'

CANNON CREEK DRIVE

EXCAVATE TO ELEVATION 92.0 AT THE
CONTROL POINTS AND DAYLIGHT SLOPE
TOWARD CENTER OF POND.

OPERATION AND MAINTENANCE

CONSTRUCT THE POND PRIOR TO
OTHER EARTHWORK OPERATIONS.

MOW THE VEGETATION WHEN THE
AVERAGE HEIGHT REACHES 8 INCHES.

REGRADE AND RESEED ANY RILLS OR
EROSION WASHOUTS.

REGRADE THE POND BOTTOM ONCE
EVERY TWO YEARS.

MAXIMUM 100 YEAR STORM ELEVATIONS

PRE-DEVELOPED CONDITIONS 95.1
POST-DEVELOPED CONDITIONS 95.1

CONTROL POINT COORDINATES

POINT	NORTHING	EASTING	DESCRIPTION
1	9171.574	9854.846	ELEVATION 92.0
2	9197.202	9854.846	ELEVATION 92.0
3	9219.626	9750.972	ELEVATION 92.0
4	9219.626	9687.494	ELEVATION 92.0
5	9204.890	9646.458	ELEVATION 92.0
6	9177.981	9616.963	ELEVATION 92.0
7	9144.665	9601.574	ELEVATION 92.0
8	9095.333	9613.116	ELEVATION 92.0
9	9056.251	9641.970	ELEVATION 92.0
10	9029.983	9706.730	ELEVATION 92.0
11	9055.610	9859.334	ELEVATION 92.0
12	9103.021	9859.334	ELEVATION 92.0

POND 1

SECTION A-A

EXCAVATE TO ELEV 92.0

APPROVED BY:

James Pitman
4-11-04

JAMES PITMAN, PE 42035
ROUTE 12 BOX 12 LAKE CITY, FLORIDA 32025
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STORMWATER POND DETAILS
POND 1

SHEET NO
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