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Don Wilkinson

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re: ELEVATION LETTER – 21839 SW SR 47, FORT WHITE, FL

As requested, I inspected the building site for the proposed construction at the above referenced site. The foundation location was staked at the time of the inspection. The photo was taken from the middle of the lot on SR 47 looking east at the building site. The natural topography of the property slopes to the southwest. Per the Columbia County website, no flood zones exist on the property.



The elevation of the road adjacent to the site is 57.00 +/- . The minimum finished floor of the home will be 55.50 which is 0.5' above the highest existing ground elevation at the building site. The finished floor of the home will be below the nearest adjacent street. The attached aerial photo shows the existing ground elevations (EG) from the Columbia County website LIDAR data. The approximate location of the proposed structure is also shown.

A swale will be graded uphill of the home to prevent direct precipitation runoff from impacting the home.

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
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ou=A01410C0000016
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, cn=Carol Chadwick
Date: 2020.02.01
08:59:51 -05'00'

Carol Chadwick, P.E.

attachments: aerial with contours



NORTH

SW STATE ROAD 47

SW STATE ROAD 47

SW STATE ROAD 47

(55.0) EG

55.50 MIN FF

(55.0) EG

(55.0) ES

(57.0) ES

(53.0) EG

(56.0) EG

55.0

55.0

60.0

60.0

55.0

60.0

60.0

65.0

0'09"

55.0

60.0

60.0

35.0