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Mark Disosway, P.E.

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Building and Zoning, Columbia County, Florida

Re: Site Evaluation, Bradly Franks, 30-3S-17-05842-105, 239 NW Meadowlark Dr, Lake City, Columbia County, FL

Dear Building Inspector:

The planned elevation of the lowest finished floor on concrete slab stem wall foundation is lower than one foot above adjacent paved or unpaved road, or paved or unpaved access easement.

Based on topo map, Columbia County flood map, visual inspection, and engineering judgement the proposed finished floor elevation is at an adequate elevation for protection of the structure against water damage from a base flood event, as defined in article 8 of the Land Development Regulations.

Proposed Finished Floor Elevation: existing stem wall as built today.

Flood Zone of Home Site: Zone X; Based on the Columbia County flood, attached.

Zone A flood zone: Isolated Zone A 400' away.

Observations: North side of lot slopes continuously to northwest, to the creek, and on to Harris Lake. Proposed elevation of finished floor is about 10' higher than topo grade at Bascom Norris.

Grading: The finished floor elevation must be minimum 6" above finished grade per 6th Edition FBC. The finished grade must slope down from that elevation for 6" minimum within 10 feet away from the house in all directions so that storm water runs away from the house. From that level the lot should be graded with swales and slopes for runoff. The owner must maintain swales, slopes, culverts, and ditches to provide free runoff. The owner should be aware that if free runoff is not maintained or if future development in the area causes increased storm water or if rainfall occurs with greater flooding effect than the design storm water could rise higher than anticipated.



Mark Disosway
06 Sep 2018

