

Adam Collins Engineering, Inc. c/o Adam Collins, P.E. 206 Duval Street NW Live Oak, FL 32064 386-320-7400 C of A # 31728

1 FT RISE CERTIFICATION

Client/Owner: Paula Fulcher

4.67 acres in Columbia County, FL Property Description:

Parcel # 20-2S-16-01657-015

Structures in SFHA Zone AE: A 60' ft by 32 ft manufactured home on fill with lowest existing

ground elevation adjacent to structures approx. 83 ft. Length of fill

is approx. 150 ft.

Elevation of 100yr flood: 86.8 ft NAVD88

Community Panel: 12023C0186D

Width of flood plain: ~ 13.000 ft

Area of Proposed Obstruction: $150 \times (86.8 - 83) = 150 \times 3.8 = 570 \text{ sf}$

100 yr Flood level increase: 570 sf / 13000 ft = **0.044 ft**

I hereby certify that construction of the proposed structure listed above will increase the 100yr flood elevation less than 1 ft. Ground elevations and building dimensions were obtained from a survey supplied by the client. The 100 yr flood elevation and the floodplain width were obtained from the Suwannee River Water Management District Flood Report.

o=Adam Collins Engineering, Inc., ou=President, cn=Adam Collins,

Digitally signed by Adam Collins DN: c=US, st=Florida, l=Live Oak,

email=adam@collinseng.com Date: 2020.12.22 17:05:43 -05'00'

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