

40503



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

1 FT RISE CERTIFICATION

Client/Owner: Richard Walker

Property Description: 0.921 acres in Columbia County, FL
Parcel # 00-00-00-01012-000

Structures in SFHA Zone AE: A 80 ft by 16 ft manufactured home and a 20 ft by 8 ft shipping container with lowest existing ground elevation adjacent to structures approx. 31.12 ft

Elevation of 100yr flood: 33 ft NAVD88

Community Panel: 12023C0459C

Width of flood plain: ~ 5,600 ft

Area of Proposed Obstruction: $(80 + 20) \times (33 - 31.12) = 100 \times 1.88 = \mathbf{188 \text{ sf}}$

100 yr Flood level increase: $188 \text{ sf} / 5600 \text{ ft} = \mathbf{0.034 \text{ ft}}$

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.



Digitally signed by Adam Collins
DN: c=US, st=Florida, l=Live Oak,
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ou=President, cn=Adam Collins,
email=adam@collinseng.com
Date: 2020.11.04 10:32:04 -05'00'
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