

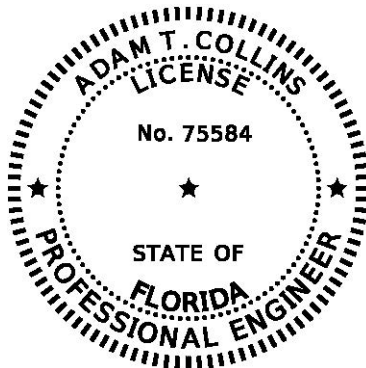


Adam Collins Engineering, Inc.
c/o Adam Collins, P.E.
206 Duval Street NW
Live Oak, FL 32064
386-320-7400
C of A # 31728

1 FT RISE CERTIFICATION

Client/Owner:	Richard Walker
Property Description:	0.921 acres in Columbia County, FL Parcel # 00-00-00-01012-000
Structures in SFHA Zone AE:	A 72.3 ft by 13.4 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:	$(60 + 20) \times (33 - 31.12) = 80 \times 1.88 = \mathbf{150.4\ sf}$
100 yr Flood level increase:	$150.4\ sf / 5600\ ft = \mathbf{0.027\ ft}$

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,
o=Adam Collins Engineering, Inc.,
ou=President, cn=Adam Collins,
email=adam@collinseng.com
Date: 2020.09.01 19:10:41 -04'00'
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Adam T. Collins, P.E.
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