

37367



Adam Collins Engineering, Inc.
c/o Adam Collins, P.E.
P.O. Box 1221
Live Oak, FL 32064
386-320-7400
C of A # 31728

1 FT RISE CERTIFICATION

Client/Owner: Francisco & Maria Calas

Property Description: 2 lots in Columbia County, FL
Lot 73 (0.831 ac) - Parcel # 00-00-00-00722-000
Lot 74 (0.832 ac) - Parcel # 00-00-00-00723-000

Structures in SFHA Zone AE: A 28 ft by 72 ft manufactured home with lowest existing ground elevation adjacent to structure approx. 31 ft

Elevation of 100yr flood: 33.6 ft NAVD88

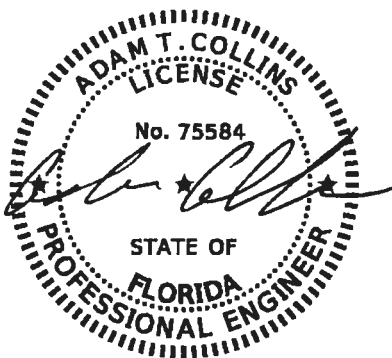
Community Panel: 12023C0467C

Width of flood plain: ~ 4,811 ft

Area of Proposed Obstruction: $72 \times (33.6 - 31) = 72 \times 2.6 = \underline{187.2 \text{ sf}}$

100 yr Flood level increase: $187.2 \text{ sf} / 4811 \text{ ft} = \underline{0.039 \text{ ft}}$

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,
o=Adam Collins Engineering, Inc.,
cn=Adam Collins,
email=adam@collinseng.com
Date: 2018.10.18 14:47:50 -04'00'

Adam T. Collins, P.E.
License No. 75584

**Columbia County Building Department
Flood Development Permit**

**Development Permit
F 023- 18-010**

DATE 10/25/2018 BUILDING PERMIT NUMBER 000037367
APPLICANT ROBIN EARNEST PHONE 352-572-0466
ADDRESS 2731 SW 36TH DRIVE Ocala FL 34474
OWNER FRANCISCO & MARIA CALAS PHONE 561-762-8861
ADDRESS 731 SW SANTA FE DR FORT WHITE FL 32038
CONTRACTOR MICHAEL EARNEST PHONE 352-427-5986
ADDRESS 2731 SW 36TH DRIVE Ocala FL 34474
SUBDIVISION THREE RIVERS ESTAES Lot 73 74 Block Unit 8 Phase
TYPE OF DEVELOPMENT MH, UTILITY PARCEL ID NO. 25-6S-15-00722-000

FLOOD ZONE X BY LH 2-4-2009 FIRM COMMUNITY # 120070 - PANEL # 0467-C
FIRM 100 YEAR ELEVATION 33.6' PLAN INCLUDED YES or NO
REQUIRED LOWEST HABITABLE FLOOR ELEVATION 34.6'
IN THE REGULATORY FLOODWAY YES or NO RIVER Santa Fe
SURVEYOR / ENGINEER NAME Adam Collins LICENSE NUMBER 75584

☒ ONE FOOT RISE CERTIFICATION INCLUDED

☐ ZERO RISE CERTIFICATION INCLUDED

☐ SRWMD PERMIT NUMBER
(INCLUDING THE ONE FOOT RISE CERTIFICATION)

DATE THE FINISHED FLOOR ELEVATION CERTIFICATE WAS PROVIDED

INSPECTED DATE 10/25/18 BY UH

COMMENTS need elevation certificate before pour

135 NE Hernando Ave., Suite B-21
Lake City, Florida 32055
Phone: 386-758-1008
Fax: 386-758-2160



PERMIT EXPIRES ONE YEAR FROM THE DATE OF ISSUANCE