

January 28, 2021

1 Foot Rise Certification

Owner: Wesley & Nancy Caldwell
Lots 170 & 171, Unit 18
Three Rivers Estates
Ft. White, FL
Columbia County
Parcel:00-00-00-01145-0000
1.836 Acres

Structure(s) in SFHA Zone AE: A new site-built home on 16" concrete piers.
Bottom of lowest structural member is 36.0' +/-
Includes (15) 16" square columns, (6) 5.5" square posts and (2) sets of wood stairs.

100 Year Flood Elevation (BFE): 33 feet per NAVD88

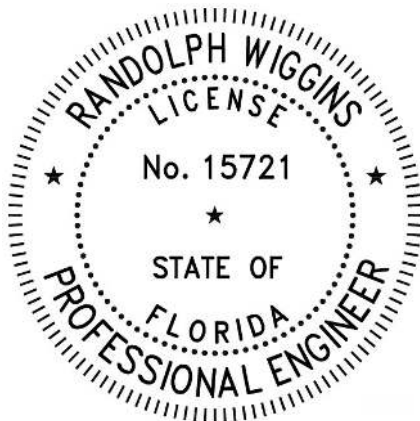
Community Panel: 12023C0458C

Width of Flood Plain: ~2,400 feet

Area of Proposed Obstruction: $35 \times (33-27.5) = 35 \times 5.5 = 193 \text{ s.f.}$

100 Year Flood Level Increase: $193 \text{ s.f.} / 2,400 \text{ feet} = 0.080 \text{ Feet}$

I hereby certify that construction of the proposed residence will increase the 100 year flood elevation less than one foot. Topographic information was obtained from Client supplied survey. Building Dimensions and Elevation were obtained from Architectural plans. Floodplain width and 100 year Flood Elevation were obtained from the SRWMD Flood Report.



Randolph
Wiggins
2021.02.02
17:09:16 -05'00'