



Coastal High Hazard Area (VE and CCCL) Certificate

PLANNING AND DEVELOPMENT SERVICES

1001 Sarasota Center Blvd., Sarasota, FL 34240 – (941)861-6678
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This form is required for New Construction and Substantial Improvements to structures in FEMA zone VE, Coastal A Zones, and seaward of the FDEP Coastal Construction Control Line (CCCL).

Name: Josh Whithow Permit Number: RES-NEW-25-001940
Street Address: 949 STEWART ST. Parcel ID#: 0498160036
City: ENGLEWOOD State: FL Zip: 34223

SECTION 1: – FEMA Flood Insurance Rate Map (FIRM) and FDEP 100-yr Storm Elevation Information:

| NFIP Community Number | FIRM Panel | Suffix | FIRM Index Date | Flood Zone(s) | Base Flood Elevation | FDEP 100-year Storm Elevation | FDEP Design Grade |
|-----------------------|------------|--------|-----------------|---------------|----------------------|-------------------------------|-------------------|
| 125144 | 0451 | G | 3/27/24 | AE | 10 | N/A | N/A |

Coastal A Zone (CAZ)? Yes No

SECTION 2 – Design Elevation Information

| | | |
|--|----------------|---------------|
| a) Bottom of Lowest Horizontal Structural Member | <u>12.2</u> | ft. NAVD 1988 |
| b) Elevation Requirement | <u>11.0</u> | ft. NAVD 1988 |
| c) Elevation of Highest Adjacent Grade | <u>3.6</u> | ft. NAVD 1988 |
| d) Elevation of Lowest Adjacent Grade | <u>3.6</u> | ft. NAVD 1988 |
| e) Elevation of Bottom of Piling or Foundation | <u>0.6 +/-</u> | ft. NAVD 1988 |
| f) Elevation of Top of Pile Cap or Grade Beam | <u>N/A</u> | ft. NAVD 1988 |

SECTION 3 – Certification Statement (Registered engineer or architect to sign and seal SECTION 5)

I certify that based upon development and/or review of structural design specifications, and plans for construction including consideration of the hydrostatic, hydrodynamic, and impact loading involved, that the designs and methods of construction are in accordance with the requirements of Florida Building Code Sections 3109 and 1612; 44 CFR 60.3(a)(3), 44 CFR 60.3(e)(4), and 44 CFR 60.3(e)(5); and Sarasota County Code Article XVI (Floodprone Areas):

The elevation of the bottom of the lowest horizontal structural member supporting the lowest floor (excluding the pilings or columns) is elevated to or above the elevation specified by ASCE 24-14, the Sarasota County Floodprone Areas Ordinance, or the 100-yr storm elevation specified by FDEP whichever is higher.

The pile or column foundation, pile cap and/or grade beam, and structure attached thereto is anchored to resist flotation, collapse and lateral movement due to the effects of wind and water loads associated with the design flood loads as determined according to Chapter 5 of ASCE 7 acting simultaneously on all of the structural components, and the requirement of ASCE 24-14 Chapter 4.