



1921

**PLANNING AND DEVELOPMENT SERVICES
BUSINESS CENTER**

1001 Sarasota Center Blvd., Sarasota, FL 34240
4000 S. Tamiami Trail, Room 122, Venice, FL 34293
Sarasota (941) 861-6678 Venice (941) 861-3029

Coastal Construction Control Line (CCCL) Certificate

This form is required for New Construction and Substantial Improvements to structures seaward of the Coastal Construction Control Line (CCCL)*

Name: ECKHOLD Permit No: 18100217 00 B1
Street Address: 7132 POINT OF ROCKS CIRCLE
City: SARASOTA State FL Zip Code 34242

SECTION I – Flood Insurance Rate Map (FIRM) Information

Community Number	Panel Number	Suffix	FIRM Index date	Flood Zone/s	Base Flood Elevation	FDEP Elevation ⁺
125144	0206	F	11/4/2016	AE	10	16.3

SECTION II – Proposed Elevation Information

- | | | |
|----|---|------------------|
| 1. | Bottom of Lowest Horizontal Structural Member | <u>16.83</u> ft. |
| 2. | Elevation Requirement | <u>16.3</u> ft. |
| 3. | Elevation of Highest Adjacent Grade | <u>8.0</u> ft. |
| 4. | Elevation of Lowest Adjacent Grade | <u>5.0</u> ft. |
| 5. | Elevation of Bottom of Pilings or Foundation | <u>-25.0</u> ft. |
| 6. | Elevation of Top of Pile Cap or Grade Beam | <u>N.A.</u> ft. |

(Top of Transition Plate at shear walls SW-1 is at 4.67' and bottom is at 3.5'. All other piles extend to bottom of elevated slab)

SECTION III – Certification Statement

(Registered engineer or architect to sign and seal SECTION V)

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 accepted standards of practice for meeting the following provisions:

The bottom of the lowest horizontal structural member supporting the Lowest Floor (excluding the pilings or columns) is elevated to or above Base Flood Elevation or FDEP elevation requirement whichever is higher.

* Sarasota County Code Article XVI. Floodprone Areas and Latest Edition of the Florida Building Code

⁺ For new construction and substantial improvements that extend wholly or partially seaward of CCCL.

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 elevations acting simultaneously on all of the structural components.

**SECTION IV – Breakaway Construction Certification Statement
(Registered engineer or architect to sign and seal SECTION V)**

I certify that based upon the development and/or review of structural design, specifications and plans for subject construction that the design and methods of construction of the breakaway walls are in accordance with accepted standards of practice for meeting the following provisions:

Breakaway Wall collapse shall result from a water load less than that which would occur during the Base Flood; and

Access to such enclosure shall be the minimum necessary to allow for parking of vehicles (garage door) or limited storage of items used in connection with the premises (standard exterior door) or access to the habitable space above (stairway or elevator).

“Breakaway Wall” means a partition independent of supporting structural members that will withstand design wind forces, but will fail under hydrostatic, wave and run-up forces associated with the design storm surge. Under such conditions, the wall will fail in a manner such that it dissolves or breaks up into components that will not act as potentially damaging missiles.

SECTION V- Certification

Certifier's Name: Peter Wallis P.E. Title: Structural Engineer
License Number: FL PE# 34418 Company Name: Peter Wallis & Associates
Street Address: 8470 Enterprise Circle - Suite 321
City: Lakewood Ranch State: FL Zip Code: 34202
Telephone Number: 941-323-2112 Fax: _____

Signature: **peter wallis**
Digitally signed by peter wallis
DN: c=US, o=IdenTrust, ACES Unaffiliated Individual, cn=peter wallis, 0.9.2342.19200300.100.1.1=A0109800000015E5D424A DA0000FB23, Date: 2018.03.26 10:53:24 -04'00'





Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

August 8, 2016

Dear Ms. Tignor:

100-Year Storm Elevation Site Specific Determination

CNS File Number: CNS-ST-588
Property Owner Name: BARRY ECKHOLD
Location of Subject Property: South of DEP reference monument R-62 in Sarasota County
7132 Point of Rocks Circle, Siesta Key16

This is in response to your letter received by the Department on August 1, 2016 requesting a site specific determination of the 100-year storm elevation at the project address.

Pursuant to Subsection 3109, Florida Building Code, all habitable structures shall be elevated at or above an elevation which places the lowest horizontal member above the 100-year storm elevation as determined by the Florida Department of Environmental Protection in the report titled "One-Hundred year storm Elevation requirements for Habitable Structures Located Seaward of a Coastal Construction Control Line." Alternatively, an applicant may request that the Department of Environmental Protection determine a site-specific 100-year storm elevation for the applicant's proposed habitable structure as part of the environmental permit application process. Based on the survey and site plan submitted with your request, a site specific 100-year storm elevation for the proposed habitable structure has been determined by the Department. The 100-year storm elevation (elevation of the lowest horizontal structural member) is +16.3 feet (NAVD), or higher. In addition the design grade (scour elevation) is + 2.8 feet (NAVD), or lower.

This determination does not relieve you from your responsibility to comply with the permitting requirements of any other local, state, or federal regulatory agency which has jurisdiction over the proposed activity. If you have any questions, concerns, or need additional information, please contact me at the letterhead address (add Mail Station 300), or by telephone at 850/245-7674, or by e-mail at Muthuswamy.Subbuswamy@dep.state.fl.us

Sincerely,

A handwritten signature in black ink, appearing to read "S. Muthuswamy", with a horizontal line underneath.

S. Muthuswamy, Ph.D., Permit Manager
Coastal Construction Control Line Program
Division of Water Resource Management

cc: Kelly Cramer, Field Inspector