

Coastal Construction Control Line (CCCL) Certificate

South County:
 Planning & Development Services Business Center
 4000 Tamiami Trail S. Room 122
 Venice, Florida 34293

North County:
 Planning & Development Services Business Center
 1001 Sarasota Center Blvd.
 Sarasota, Florida 34240

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

Name: 89 BEACH CONDOMINIUM Permit Number: 17 169559 00 B3
 Street Address: 84 Avenida Venecia Parcel ID#: 0080180017/27/30
 City: Sarasota State: FL Zip: 34242

SECTION 1: – FDEP and FEMA Flood Insurance Rate Map (FIRM) 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	12115C 0139	F	Nov 04, 2016	VE	14	18.33 NAVD	+6.3' NAVD

SECTION 2 – Design Elevation Information

- a) Bottom of Lowest Horizontal Structural Member 18.33 ft. NAVD 1988
- b) Elevation Requirement 18.33 ft. NAVD 1988
- c) Elevation of Highest Adjacent Grade 5.8 ft. NAVD 1988
- d) Elevation of Lowest Adjacent Grade 5.5 ft. NAVD 1988
- e) Elevation of Bottom of Pilings or Foundation -10.00 ft. NAVD 1988
- f) Elevation of Top of Pile Cap or Grade Beam +5.00 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 and the 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.

The tops of grade beams and pile caps shall be at or below the natural grade and below the FDEP determined design grade, unless designed to resist the increased flood loads associated with setting the grade beam or pile cap above the design grade.

SECTION 4 – Free of Obstruction Certification Statement (Registered engineer or architect to sign and seal SECTION 5)

I certify that based upon the development and/or review of structural design, specifications and plans for subject construction that the space below the elevated structure shall be free of obstruction and walls, if any, shall comply with the applicable requirements of the Florida Building Code Sections 3109 and 1612, ASCE 24, ASCE 7, and the Sarasota County Code Article XVI:

Use of enclosures below the lowest floor shall be restricted to parking of vehicles, access, or storage; lower areas must not be finished or used for any other purpose. An exterior door is required at the entry at the top of stairways that are enclosed by breakaway walls. Breakaway walls shall have flood openings as specified by ASCE 24 and Sarasota County Code Article XVI.

“Breakaway Wall” means any type of wall subject to flooding that is not required to provide structural support to a building or other structure and that is designed and constructed such that, under base flood or lesser flood conditions, it will collapse in such a way that: (1) it allows the free passage of floodwaters, and (2) it does not damage the structure or supporting foundation system. Attendant utilities and equipment shall not be mounted on, pass through, or be located along breakaway walls.

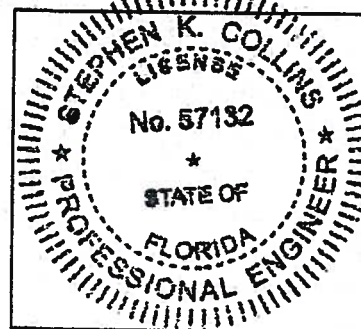
SECTION 5- Certification

Certifier's Name: Stephen Collins Title: P.E.
License Number: 57132 Company Name: Collins Structural Engineering LLC
Street Address: 149 Grand Oak Circle
City: Venice State: FL Zip Code: 34292
Telephone Number: (941) 223-1584 Fax: (941) 451-8553

Signature: *Stephen Collins*

4-9-18

Seal:





Florida Department of Environmental Protection

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

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Noah Valenstein
Secretary

July 5, 2017

Brett D. Moore
C/o Humiston & Moore Engineers
5679 Strand Court
Naples, Florida 34110

Dear Mr. Brett Moore:

100-Year Storm Elevation Site-Specific Determination

File Number: ST-2066 (Amend)

Property Owner Name: Madden Property

Location of Subject Property: Between approximately 0 feet and 224 feet north of the Department of Environmental Protection's reference monument R-47, in Sarasota County.

Project Address: Project address: 89 Beach Road, and 84 Avenida Venecia, Siesta Key, Sarasota, FL 34242.

This is in response to your letter received by the Department 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 design grade (scour elevation) is + 6.3 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.

Sincerely,

OFFICE COPY
Not To Be Removed
SARASOTA COUNTY
PLANNING & DEVELOPMENT
SERVICES

Brett D. Moore
July 5, 2017
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A handwritten signature in blue 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: Kelly.Cramer@dep.state.fl.us
Agent: Brett Moore: bdm@humistonandmoore.com