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Sarasota County Development Svcs

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



1921

Velocity Zone Construction Certificate

This form is required for New Construction and Substantial Improvements in Special Flood Hazard Areas designated as V and VE, and structures seaward of the Coastal Construction Control Line (CCCL)\*

Name: MR+MRS. D. CORZILIUS Permit No: \_\_\_\_\_  
Street Address: 1165 BAYSHORE DRIVE  
City: ENGLEWOOD State FL Zip Code 34223

SECTION I – Flood Insurance Rate Map (FIRM) Information

Community Number	Panel Number	Suffix	FIRM Index date	Flood Zone/s	Base Flood Elevation	FDEP Elevation <sup>+</sup>
<u>12115C</u>	<u>0432</u>	<u>F</u>	<u>11-04-16</u>	<u>VE</u>	<u>13'</u>	<u>N.A.</u>

SECTION II – Elevation Information

- Bottom of Lowest Horizontal Structural Member 14.0 ft.
- Elevation Requirement 13.0 ft.
- Elevation of Highest Adjacent Grade 5.3 ft.
- Elevation of Lowest Adjacent Grade 5.3 ft.
- Elevation of Bottom of Pilings or Foundation -15.0 ft.
- Elevation of Top of Pile Cap or Grade Beam 4.67 ft.

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.

13.0'

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

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

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Department of Health and Human Services

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES  
OFFICE OF THE ASSISTANT SECRETARY FOR PUBLIC HEALTH

1000 Pennsylvania Avenue, N.W., Washington, D.C. 20037  
Telephone: (202) 205-2000  
Fax: (202) 205-2000

Department of Health and Human Services

Department of Health and Human Services  
Office of the Assistant Secretary for Public Health

Department of Health and Human Services  
Office of the Assistant Secretary for Public Health

Department of Health and Human Services

Item	Description	Quantity	Unit	Value
1	...	...	...	...
2	...	...	...	...
3	...	...	...	...
4	...	...	...	...
5	...	...	...	...
6	...	...	...	...

Department of Health and Human Services

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4. Location of bottom of the 4th page of the document
5. Location of bottom of the 5th page of the document
6. Location of bottom of the 6th page of the document

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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.

In Zones V and VE fill is not being used for structural support, and entire area below the lowest horizontal member is free of obstructions.

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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

The area of the Breakaway Wall enclosure below the bottom of the lowest horizontal structural member shall be limited to less than 300 square feet per structure (Zone VE only) and be fully constructed of Flood-Resistant Materials.


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). The interior portion of such enclosed area shall not be partitioned into separate rooms, or be temperature controlled.

“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.

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SECTION V- Certification

Certifier's Name: STEPHEN WILBUR Title: P.E.  
License Number: PE 92119 Company Name: STARLING & WILBUR ENG'G  
Street Address: 7065 S. TAMiami TRAIL  
City: SARASOTA State: FL Zip Code: 34231  
Telephone Number: 941-929-1552 Fax: —

Signature:   
03-05-2020

