

# **Zone V and Coastal A Zone Design Certification**

#### PLANNING AND DEVELOPMENT SERVICES

1001 Sarasota Center Blvd., Sarasota, FL 34240 4000 S. Tamiami Trail, Venice FL 34293

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: Permit Number:								
Street Address:		Parcel ID#:						
City:				State:	Zip	:		
ECTION 1: – FE	MA Flood	Insurai	ice Rate Ma	p (FIRM) and	FDEP 100-y	r Storm Elevatio	on Informatio	
NFIP Community Number 125144	FIRM Panel	Suffix	FIRM Index Date	Flood Zone(s)	Base Flood Elevation	FDEP 100-year Storm Elevation	FDEP Design Grade	
Coastal A Zone	(CAZ)?	Yes	sNo					
ECTION 2- Eleva				C			~	
· ·					· ·	as-built Elevation (		
a) Bottom of Lowest Horizontal Structural Member						ft. NAVD 1988		
b) Top of Foundation Wall (CAZ only)						ft. NAVD 1988		
c) Elevation of Lowest Adjacent Grade (Natural)						ft. NAVD 1988		
d) Appr	oximate De	pth of A	nticipated So	cour/Erosion				
used for Foundation Design						ft. NA	VD 1988	
e) Embe	dment Dep	th of Pil	ings or Foun	dation Below t	he			
Lowest Adjacent Grade (Natural)						ft. NAVD 1988		
f) Elevation of Top of Pile Cap or Grade Beam						ft. NA	VD 1988	
ECTION 3 – Des	ign Certifi	cation S	tatement					
[NOTE: This sect	tion must be	certified	by a Florida	licensed engine	er or architect	.]		
	1(2) the de	sign and	l methods of	construction t		plans, and specie in accordance w		
raft foundati accordance	ons, piling, with the r	pile caps equirem	s, columns, g	rade beams and Florida Buildii	bracing) is el	r (with the except levated to or abov local floodplain	e the BFE in	

The pile or column foundation and building or structure attached thereto is designed in accordance with the <u>Florida Building Code</u> to be anchored to resist floatation, collapse, and lateral movement due to the effects of the wind and flood loads acting simultaneously on all building components, and other load requirements of the <u>Florida Building Code</u>. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

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### SECTION 4 – Breakaway Wall Design Certification Statement

[NOTE: This section must also be certified by a Florida licensed engineer or architect when breakaway walls exceed a design safe loading resistance of 20 pounds per square foot. This requirement does not apply to open wood/plastic latticed/slats/louvers or insect screening.]
☐ I certify: (1) I have developed or reviewed the structural design, plans, and specifications for construction and (2) the design and methods of construction to be used for the breakaway walls are in accordance with the Florida Building Code, Building (ASCE 24) or Florida Building Code, Residential, as applicable, and accepted standards of practice.

#### **SECTION 5- Certification and Seal**

[This certification is to be signed and sealed by a Florida licensed professional engineer or architect authorized by law to certify structural designs.]

By my signature and seal, I certify that the Zone V or Coastal A Zone, as applicable, Design Certification Statement in Section 3 and/or the Breakaway Wall Design Certification Statement in Section 4 (indicated by checkbox) are true and accurate.

Certifier's Name:		Title:			
License Number:	C	ompany Name:			
Street Address:					
City:	State:	State: Zip Code:			
Telephone Number:		Email:			
Signature:		Seal:	No. 91902  STATE OF  CORIDA  C		