



Mathews County Building Department
50 Brickbat Rd. Mathews VA 23109

(804) 725-7171 <https://www.mathewscountyva.gov/>

V ZONE & COASTAL HIGH HAZARD AREA DESIGN CERTIFICATE

(for properties located in V, VE, or Coastal A Zones; or Coastal High Hazard Areas)

Owner/Property Information

Name	
911 Address	
Tax Map Number	

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community Number	510096
Panel Number	
Suffix	
FIRM Date	
FIRM Zone (s)	

SECTION II: Elevation Information Used for Design

[NOTE: This section documents elevations used in the design – it does not substitute for an as-built Elevation Certificate.]

Datum	
Elevation of the Bottom of the Lowest Horizontal Structural Member	
Base Flood Elevation (BFE)	
Elevation of Lowest Adjacent Grade (LAG)	
Approximate Depth of Anticipated Scour/Erosion used for Foundation Design	
Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade	

SECTION III: V Zone/Coastal High Hazard Area Design Certification Statement

[NOTE: This section must be certified by a Virginia Licensed Engineer or Architect.]

I certify: (1) that I have developed or reviewed the structural design, plans, and specifications for construction and (2) that the design and methods of construction to be used are in accordance with accepted standards of practice for meeting the following provisions:

- The bottom of the lowest horizontal structural member of the lowest floor (with the exception of mat or raft foundations, piling, pile caps, columns, grade beams and bracing) is elevated to or above the BFE plus one foot in accordance with the requirements of the Virginia Uniform Statewide Building Code and the Mathews County Floodplain Management Ordinance; and

- The pile and column foundation and building or structure to be attached thereto is designed in accordance with the Virginia Uniform Statewide Building Code to be anchored to resist flotation, 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 Virginia Uniform Statewide Building Code. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood, including wave action.

SECTION IV: Breakaway Wall Design Certification Statement

[NOTE: This section must also be certified by a Virginia Licensed Engineer or Architect for the design of breakaway walls.]

I certify: (1) that I have developed or reviewed the structural design, plans, and specifications for construction and (2) that the design and methods of construction to be used for the breakaway walls are in accordance with the Virginia Uniform Statewide Building Code and the Mathews County Floodplain Management Ordinance.

SECTION V: Certification and Seal

This certification is to be signed and sealed by a Virginia licensed professional engineer or architect authorized by law to certify structural designs. I certify the V Zone/ Coastal High Hazard Area Design Certification Statement in Section III and ___the Breakaway Wall Design Certification Statement in Section IV (check if applicable).

Certifier's Name

License Number

Title

Company Name

Address

City

State

ZIP

Signature

Date

Telephone