

Mathews County Building Department

17 Court St, Mathews VA 23109

Phone: (804) 725-7171

V ZONE DESIGN CERTIFICATE

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 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 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 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 |
|-----------|------|-----------|