

CITY OF FOLLY BEACH V-ZONE DESIGN CERTIFICATE

Pre-Construction _____ As-Built _____

Name _____ Policy Number (Insurance Co. Use) _____

Building Address or Other Description _____

TMS/PID No. _____ City: Folly Beach State: South Carolina Zip Code: 29439

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. _____ Panel No. _____ 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.]

1. Datum..... NGVD NAVD Other
2. Elevation of the Bottom of Lowest Horizontal Structural Member _____ feet above datum
3. Base Flood Elevation (BFE)..... _____ feet above datum
4. Elevation of Lowest Adjacent Grade _____ feet above datum
5. Approximate Depth of Anticipated Scour/Erosion used for Foundation Design..... _____ feet below grade
6. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade..... _____ feet

SECTION III: V Zone Design Certification Statement

[NOTE: This section must be certified by a South Carolina 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 pilings, pile caps, columns, grade beams and bracing) is elevated to or above the BFE+2 foot free board in accordance with the requirements of the SC adopted building codes and local floodplain management regulations; and
- The pile and column foundation and building or structure to be attached thereto is designed in accordance with the SC adopted building codes 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. 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

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 SC adopted building codes. For as built certification I attest that the as built conditions have been field verified.

SECTION V: Certification and Seal

This certification is to be signed and sealed by a SC licensed professional engineer or architect authorized by law to certify structural designs and built conditions. I certify the V Zone Design Certification Statement in Section III and the Breakaway Wall Design Certification Statement in Section IV (if applicable).

Certifier's Name _____ License Number _____

Title _____ Company Name _____

Address _____ City _____ State _____ ZIP _____

Signature _____ Date _____ Telephone _____

Place Seal
Here