



Village of Island Park
Department of Buildings

127 Long Beach Road, Island Park N.Y. 11558

(516) 431-0600

V ZONE AND COASTAL A ZONE DESIGN CERTIFICATE

Name _____ Policy Number (*Insurance Co. Use*) _____
Building Address _____
Application No. _____ Hamlet _____ Zip Code _____

SECTION I: Flood Insurance Rate Map (FIRM) Information

Community No. 360467 Panel No. _____ Suffix _____ FIRM Date _____
FIRM Zone(s) _____ Coastal A Zone? YES NO

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 above datum
- 6. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade..... _____ feet above datum

Section II: Design Certification Statement

I certify that:

I have developed or reviewed the structural design, plans, and specifications for construction and (2) that the design and methods of construction 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 (excluding piles and columns) is elevated two feet above the BFE; and
- The pile and column foundation and structure attached thereto in anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the base flood. Wind loading values used are those required by the 2015 IRC and IBC with NYS Supplement. The potential for scour and erosion at the foundation has been anticipated for conditions associated with the base flood , including wave action.
- Electrical, mechanical, and plumbing system components are not to be mounted on or penetrate through walls that are designed to break away under wind and flood loads.



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SECTION III: Breakaway Wall Inspection Certification Statement

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

- Breakaway walls have a design safe loading resistance of not less than 10 and no more than _____ pounds per square foot.
- Breakaway walls' collapse shall result from a water load no less than that which would occur during base flood; and
- The elevated portion of the building and supporting foundation system shall not be subject to collapse, displacement, or other structural damage due to the combined effects of wind and water loads acting simultaneously on all building components, structural and non-structural. Water loading values shall be those associated with the base flood. Such enclosed spaces shall be useable solely for the parking of motor vehicles, building access or limited storage of maintenance items.

Professional's Name

Title

Company's Name

Registration Number

_____, _____, _____
Address State Zip Code City



Date

Seal & Signature