



City of Beverly V-Zone Certification

Name of Owner:	Policy Number (<i>Insurance Company Use</i>)	Permit No.:
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Building Address or Other Description:

SECTION I: FLOOD INSURANCE RATE MAP (FIRM) INFORMATION

Note: To be obtained from appropriate FIRMs

1. Community Number	2. Panel Number	3. Suffix	4. Date of FIRM Index/ and FIRM	5. FIRM Zone
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SECTION II: ELEVATION INFORMATION

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

1. Elevation of the bottom of lowest horizontal structural member	_____ feet
2. Base flood elevation	_____ feet
3. Elevation of lowest adjacent grade	_____ feet
4. Approximate depth of anticipated scour/erosion used for foundation design	_____ feet
5. Embedment depth of pilings or foundation below lowest adjacent grade	_____ feet
6. Datum used: _____ NGVD '29; _____ NAVD '88; _____ Other	_____ feet

SECTION III: V-ZONE CERTIFICATION STATEMENT

Note: This section must be certified by a registered professional engineer or architect.

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of the above-referenced building and (2) that the design and methods of construction specified 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 *Florida Building Code* and local floodplain management regulations
- The pile and column foundation and structure attached thereto is designed in accordance with the Massachusetts State Building Code to be anchored to resist flotation, collapse, and lateral movement due to the effects of the wind and water loads acting simultaneously on all building components, and other load requirements of the Massachusetts State 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 be certified by a registered engineer or architect when breakaway walls are designed to have a resistance of less than 10 psf or more than 20 psf. (This requirement does not apply to open wood/plastic lattice/slats/louvers or insect screening)

I certify that: (1) I have developed or reviewed the structural design, plans, and specifications for construction of breakaway walls to be constructed under the above-referenced building and (2) that the design and methods of construction specified to be used are in accordance with the Commonwealth of Massachusetts State Building Code, ASCE 7, ASCE 24 and accepted standards of practice.

SECTION V: CERTIFICATION AND SEAL

This certification is to be signed and sealed by a Massachusetts 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 (if applicable).

Name of Certifier	Title		Place Seal Here
Firm Name	License No.		
Street Address			
City	State	Zip	
Signature	Date	Telephone	

FOR DEPARTMENT USE ONLY

Health Dept	Conservation	Engineering	Floodplain Manager
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