



Note: The V Zone design certificate is not a substitute for the NFIP Elevation Certificate (OMB Control Number: 1660-0008), which is required to certify as-built elevations. This is a local community form Copy all pages of this V Zone Design Certificate for (1) community official, (2) insurance agent/company, and (3) building owner.

SECTION A - PROPERTY INFORMATION		FOR INSURANCE COMPANY USE	
A1. Building Owner's Name		Policy Number:	
A2. Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.		Company NAIC Number:	
City	State	Zip Code	
A3. Property Description (Lot and Block Numbers, Tax Parcel Number, Legal Description, etc.)			
A4. Building Use (e.g., Residential, Non-Residential, Addition, Accessory, etc.) _____			
A5. Latitude/Longitude: Lat. _____ Long. _____ Horizontal Datum: <input type="checkbox"/> NAD 1927 <input type="checkbox"/> NAD 1983			

SECTION B - FLOOD INSURANCE RATE MAP (FIRM) INFORMATION					
B1. NFIP Community Name & Community Number		B2. County Name		B3. State	
B4. Map/Panel Number	B5. Suffix	B6. FIRM Index Date	B7. FIRM Panel Effective / Revised Date	B8. Flood Zone(s)	B9. Base Flood Elevation(s)
B10. Indicate the source of the Base Flood Elevation (BFE) data or base flood depth entered in Item B9: <input type="checkbox"/> FIS Profile <input type="checkbox"/> FIRM <input type="checkbox"/> Community Determined <input type="checkbox"/> Other/Source: _____					
B11. Indicate elevation datum used for BFE in Item B9: Source: <input type="checkbox"/> NGVD 1929 <input type="checkbox"/> NAVD 1988 <input type="checkbox"/> Other/Source _____					
B12. Is the building located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA)? <input type="checkbox"/> Yes <input type="checkbox"/> No Designation Date: _____ <input type="checkbox"/> CBRS <input type="checkbox"/> OPA					
B13. Is the building located in a Coastal A Zone as designated by a LiMWA line on the FIRM <input type="checkbox"/> Yes <input type="checkbox"/> No					

SECTION C: ELEVATION INFORMATION USED FOR DESIGN or FINISH CONSTRUCTION	
C1. Building elevations are based on: <input type="checkbox"/> Construction Drawings <input type="checkbox"/> Design Drawings <input type="checkbox"/> Finished Construction*	
* An "as-built" V Zone Design Certificate is required when construction of the building is complete by engineer of record to ensure the structure was built in compliance with the record drawings and comply with all NFIP requirements Title 44 CFR § 60.3 (e)	
[NOTE: This section documents the elevations/depths used or specified in the design – it does not document surveyed elevations and is not equivalent to the as-built elevations required to be submitted during or after construction. Unless designated as "Finish Construction" in C1. above]	
C2. FIRM Base Flood Elevation (BFE) _____	feet*
C3. Community's Design Flood Elevation (DFE) (BFE +1' Freeboard) _____	feet*
C4. Elevation of the Bottom of Lowest Horizontal Structural Member _____	feet*
C5. Elevation of Lowest Adjacent Grade _____	feet*
C6 and C7 needed for V Zone Design Certification Only:	
C6. Depth of Anticipated Scour/Erosion used for Foundation Design _____	feet*
C7. Embedment Depth of Pilings or Foundation Below Lowest Adjacent Grade _____	feet*
C8. Indicate Datum used in C2. through C7. : <input type="checkbox"/> NGVD29 <input type="checkbox"/> NAVD88 <input type="checkbox"/> Other _____ (Must match Current FIRMs' Datum)	



IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	Zip Code	Company NAIC Number:

SECTION D – Certification Statement and Signature

D1. Building elevations are based on: Construction Drawings Design Drawings Finished Construction*

V Zone Design

Check if Certifying the V Zone Design or N/A for Breakaway Wall Design only: Certification N/A

NOTE: This certificate must be signed and sealed by a registered professional engineer or architect. A signed/sealed copy of the following statement must also appear on approved construction plans.

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 (excluding piles and columns) is designed* to be elevated to or above the DFE.
- The pile or column foundation and structure attached thereto is designed* to be anchored to resist flotation, collapse, and Lateral movement due to the combined effects of wind and water loads acting simultaneously on all building components. Water loading values used are those associated with the Design Base Flood. Wind loading values used are those required by the applicable state or local building code. The potential for scour and erosion at the Foundation has been anticipated for conditions associated with the Design Base Flood, including wave action.

(* For Finish Construction Certificate, verifying built in accordance with the approved construction plans).

Breakaway Wall Design Certification Statement

Check if Certifying the Breakaway Wall Design or N/A for V Zone Design only: Certification N/A

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 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 wall collapse shall result from a water loads less than that which would occur during the 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. Wind loading values used shall be those required by applicable state of local building standards. Water loading values shall be those associated with the design base flood (BFE plus one foot freeboard). Such enclosed space shall be useable solely for parking of vehicles, building access, or limited storage of maintenance items.

(* For Finish Construction Certificate, verifying built in accordance with the approved construction plans).

I certify that the information on this Certificate represents my best efforts to interpret the data available. I understand that any false statement be punishable by fine or imprisonment under 18 U.S. Code, Section 1001 Check here if attachments

Certifier's Name		License Number		PLACE SEAL HERE
Title	Company Name			
Address	City	State	Zip Code	
Signature	Date	Telephone		

Comments: (_____ Check here if attaching additional pages as needed): _____



IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	ZIP Code	Company NAIC Number

Section E & F Reserved

SECTION G – COMMUNITY INFORMATION (OPTIONAL)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete add additional information in the Section to provide permit information or additional clarification information concerning the permit or local pertinent information.

G1. Permit Number	G2. Date Permit Issued	G3. Date Certificate of Compliance/ Occupancy Issued
-------------------	------------------------	---

G4. This permit has been issued for: New Construction Substantial Improvement

G5. Variance Issued? Yes No NOTE: if YES, add description in below Comment's area and attach documentation to the structure's "Finish Construction" Elevation Certificate.

Local Official's Name: _____ Title _____

NFIP Community Name _____

Telephone: _____ Ext _____ Email: _____

Address _____

City: _____ State: _____ Zip Code: _____

Signature: _____ Date _____

Comments (including type of equipment and location, per C2(e), description of any attachments: and corrections to specific information in sections A, B,D, E, H, if applicable) or Pictures

Check here if attachments.



BUILDING PHOTOGRAPHS

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	Zip Code	Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." Photographs must show installation details and breakaway wall views.

Photo 1

Photo One Caption / Description: (insure have date on photo)

Photo 2

Photo Two Caption / Description: (insure have date on photo)



BUILDING PHOTOGRAPHS

IMPORTANT: In these spaces, copy the corresponding information from Section A.			FOR INSURANCE COMPANY USE
Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.			Policy Number:
City	State	Zip Code	Company NAIC Number:

If submitting more photographs than will fit on the preceding page, affix the additional photographs below. Identify all photographs with: date taken; "Front View" and "Rear View"; and, if required, "Right Side View" and "Left Side View." Photographs must show installation details and breakaway wall views.

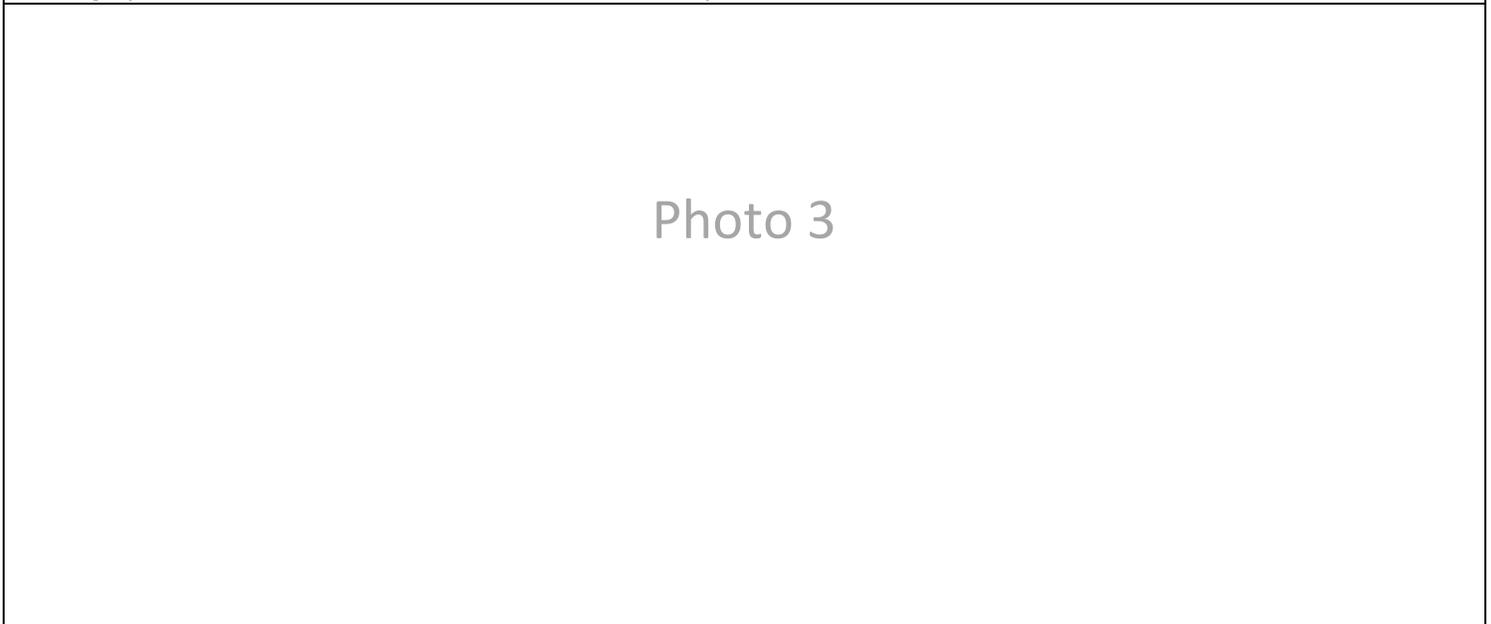


Photo 3

Photo Three caption/description: (insure have date on photo)

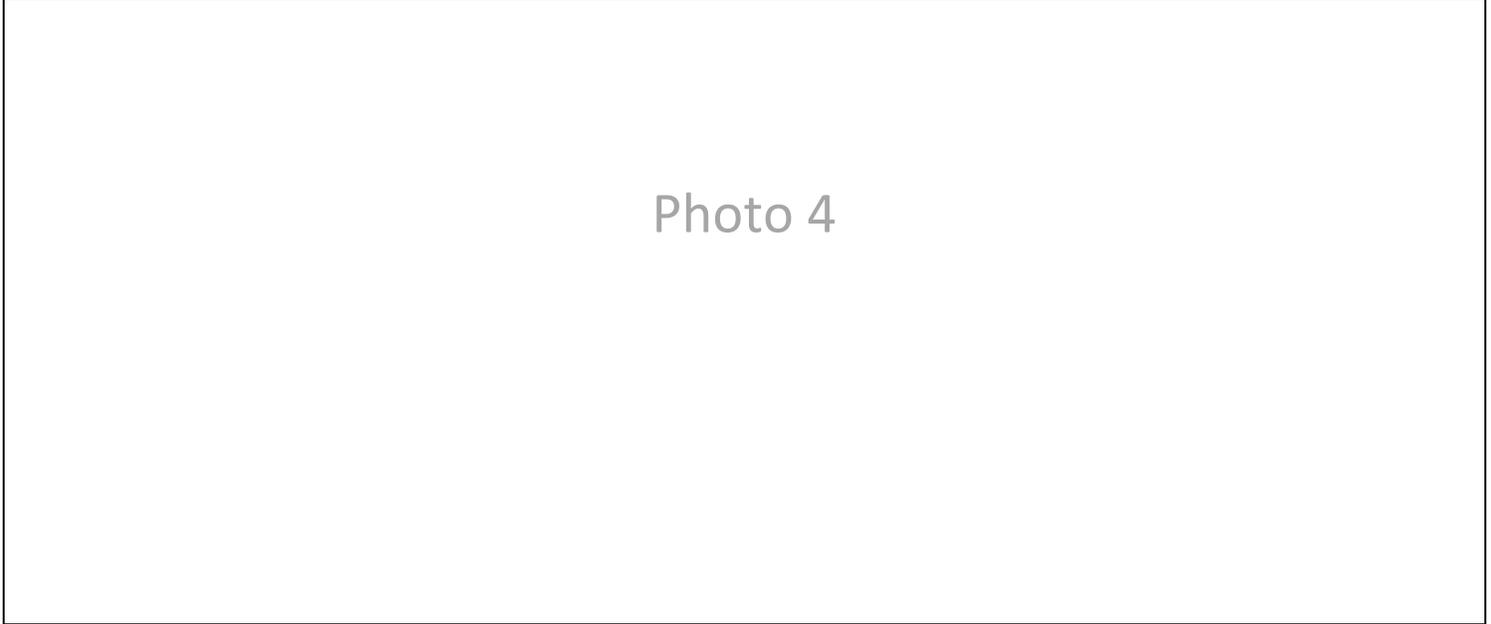


Photo 4

Photo Four caption/description: (insure have date on photo)

Instruction for completing the Items A5 and B1. - B13 on the V / Coastal A Zone Certificate:

Item A5. Provide latitude and longitude coordinates for the center of the front of the building. Use either decimal degrees (e.g., 39.504322°, -110.758522°) or degrees, minutes, seconds (e.g., 39° 30' 15.56", -110° 45' 30.68") format. If decimal degrees are used, provide coordinates to at least six decimal places or better. When using degrees, minutes, seconds, provide seconds to at least two decimal places or better. Provide the datum of the latitude and longitude coordinates (FEMA prefers the use of NAD 1983). Indicate the method or source used to determine the latitude and longitude in the Comments area of the appropriate section.

Items B1.a–b NFIP Community Name and Community Identification Number. Enter the complete name of the community in which the building is located in B1.a, and the associated six-digit Community Identification Number in B1.b. For an unincorporated area of a county, enter the county name and "unincorporated area", and the six-digit number of the county. For a newly incorporated community, use the name and six-digit number of the new community. Under the NFIP, a "community" is any state or area or political subdivision thereof, or any Indian tribe or authorized native organization which has authority to adopt and enforce floodplain management regulations for the areas within its jurisdiction. To determine the current community number, see the NFIP Community Status Book, available on FEMA's website at www.fema.gov/national-flood-insurance-program-community-status-book.

Item B2. County Name. Enter the name of the county or counties in which the community is located. For an unincorporated area of a county, enter the county name. For an independent city, enter "independent city."
Item B3. State. Enter the two-letter state abbreviation (for example, VA, TX, CA).

Items B4–B5. Map/Panel Number and Suffix. Enter the 10-character "Map Number" or "Community Panel Number" shown on the FIRM where the building or manufactured (mobile) home is located. For maps in a county-wide format, the sixth character of the "Map Number" is the letter "C" followed by a four-digit map number. For maps not in a county-wide format, enter the "Community Panel Number" shown on the FIRM.

Item B6. FIRM Index Date. Enter the effective date or the map revised date shown on the FIRM Index.

Item B7. FIRM Panel Effective/Revised Date. Enter the effective date shown on the current FIRM panel. The current FIRM panel effective date can be determined by visiting msc.fema.gov or contacting the local floodplain management official. If the area where the building is located was revised by a LOMR, include the LOMR effective date and the LOMR case number in the comments area of Section D.

Item B8. Flood Zone(s). Enter the flood zone, or flood zones, in which the building is located. All flood zones containing the letter "A" or "V" are considered Special Flood Hazard Areas (SFHAs). Each flood zone is defined in the legend of the FIRM panel on which it appears. If the area where the building is located was revised by a LOMA, CLOMA, LOMR-F, or CLOMR-F, include the flood zone shown on the LOMA, CLOMA, LOMR-F, or CLOMR-F, and add the effective date and case number in the comments area of Section D.

Item B9. Base Flood Elevation(s) (BFE). Using the appropriate Flood Insurance Study (FIS) Profile, FIS Data Table (e.g. Transect, Floodway, etc.), or FIRM panel, locate the property and enter the BFE (or base flood depth) of the building site to the nearest tenth of a foot (nearest tenth of a meter, in Puerto Rico). If the building is located in more than one flood zone in Item B8, list all appropriate BFEs in Item B9.

BFEs are shown in the FIS or on a FIRM for Zones A1–A30, AE, AH, V1–V30, VE, AR, AR/A, AR/AE, AR/A1–A30, and AR/AH; base flood depths are shown for Zones AO and AR/AO. Use the AR BFE (or base flood depth) if the building is located in any of these zones: AR/A, AR/AE, AR/A1–A30, AR/AH, or AR/AO.

In A or V zones where BFEs are not provided in the FIS or on the FIRM, BFEs may be available from another source. For example, the community may have established BFEs or obtained BFE data from other sources (e.g., Base Level Engineering) for the building site. For subdivisions and other developments of more than 50 lots or 5 acres in Zone A, establishment of BFEs is required by the community's floodplain management ordinance. If a BFE is obtained from another source, enter the BFE in Item B9. The BFE entered in Item B9 must be based on hydrologic and hydraulic analyses. In an A Zone where BFEs are not obtained from another source, enter N/A in Item B9 and complete Section E.

Item B10. Indicate the source of the BFE or base flood depth that you entered in Item B9. If the BFE is from a source other than the FIS, FIRM, or community, include the name of the study, the agency or company that produced it, and the date when the study was completed. Visit msc.fema.gov or contact the local floodplain management official to access the current FIS and FIRM.

Item B11. Indicate the elevation datum to which the elevations on the applicable FIRM are referenced as shown on the map legend. The vertical datum is shown in the Map Legend and/or the Notes to Users on the FIRM.

Item B12. Indicate whether the building is located in a Coastal Barrier Resources System (CBRS) area or Otherwise Protected Area (OPA). OPAs are portions of coastal barriers that are owned by Federal, State, or local governments or by certain non-profit organizations and used primarily for natural resources protection. CBRS areas and OPAs are no longer shown on the FIRM; please use the maps available at www.fws.gov/cbra/maps/index.html to complete Item B12. Federal flood insurance is prohibited in designated CBRS areas or OPAs for buildings or manufactured (mobile) homes built or substantially improved after the date of the CBRS or OPA designation. For the first CBRS designations, that date is October 1, 1983. Information about CBRS areas and OPAs may be obtained on the FEMA website at www.fema.gov/national-flood-insurance-program/coastal-barrier-resources-system.

Item B13. Indicate whether the building is located seaward of the Limit of Moderate Wave Action (LiMWA). If the LiMWA is not shown on the FIRM, check the "No" box. Information about the LiMWA and other coastal flood zones may be obtained on the FEMA website at www.fema.gov/flood-maps/coastal/insurance-rate-maps.